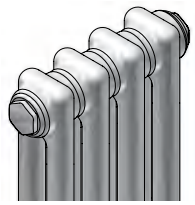
Zehnder Charleston

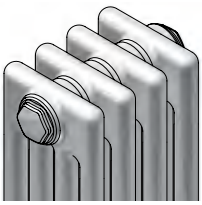
	Modeloverzicht	Productbeschrijving	Prijslijst	Speciale uitvoeringen	Aansluitingen	Bevestiging	Technische gegevens	Montagepunten
Zehnder Charleston								
■ Klassieke "kolomradiator" ■ Element lengte 46 mm ■ Flexibele aansluitmogelijkheden	4	6	8	55	57	60	66	77
Zehnder Charleston Klinik								
■ Element lengte 65 mm ■ Vergrootte elementafstand ■ Zeer goed te reinigen	5	6	29	-	57	63	71	77
Zehnder Charleston Retrofit								
■ Passend op de DIN aansluiting ■ Vervanging zonder leidingen aan te passen ■ Optimale prestaties	4	7	50	-	76	60	76	77

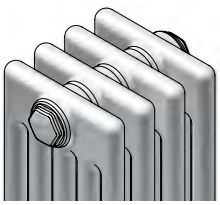
Zehnder Charleston, Zehnder Charleston Retrofit

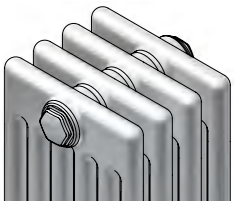
Zehnder Charleston


2-kolommer

3-kolommer


4-kolommer


5-kolommer


6-kolommer

Bouwhoogte [1] mm	Bouwdiepte mm				
	62	100	136	173	210
190	2019	3019	4019	5019	6019
260	2026	3026	4026	5026	6026
300	2030	3030	4030	5030	6030
350	2035	3035	4035	5035	6035
400	2040	3040	4040	5040	6040
450	2045	3045	4045	5045	6045
500	2050	3050	4050	5050	6050
550	2055	3055	4055	5055	6055
600	2060	3060	4060	5060	6060
750	2075	3075	4075	5075	6075
900	2090	3090	4090	5090	6090
1000	2100	3100	4100	5100	6100
1100	2110	3110	4110	5110	6110
1200	2120	3120	4120	5120	6120
1500	2150	3150	4150	5150	6150
1800	2180	3180	4180	5180	6180
2000	2200	3200	4200	5200	6200
2200	2220	3220	4220	5220	6220
2500	2250	3250	4250	5250	6250
2800	2280	3280	4280	5280	6280
3000	2300	3300	4300	5300	6300

Zehnder Charleston Retrofit

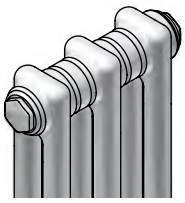
Bouwhoogte [1] mm	Bouwdiepte mm				
	62	100	136	173	210
266	-	-	-	-	6027
366	-	3037	1037	5037	6037
408	2041	-	-	-	-
416	-	3042	4042	-	6042
458	2046	-	-	-	-
558	2056	-	-	-	-
566	-	3057	4057	5057	6057
658	2066	-	-	-	-
666	-	3067	4067	5067	6067
958	2096	-	-	-	-
966	-	3097	4097	5097	6097
1066	-	3107	4107	5107	6107

Verdere vervangingsmodellen met aansluitmaten naar wens zijn op aanvraag verkrijgbaar.

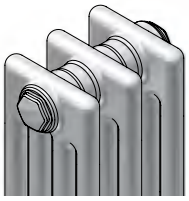
[1] De hier genoemde bouwhoogte is de NEN bouwhoogte. De effectieve bouwhoogte welke bij de 2-kolommer en gedeeltelijk bij de 3-kolommer enige mm lager is, kunt u terugvinden bij de technische gegevens (Zie blz. 66 voor Zehnder Charleston en blz. 76 voor Zehnder Charleston Retrofit). Bouwhoogtes boven de 3000 mm alsmede tussenbouwhoogtes op aanvraag.

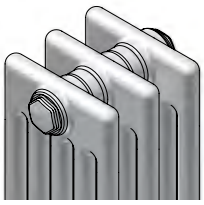
Zehnder Charleston Klinik

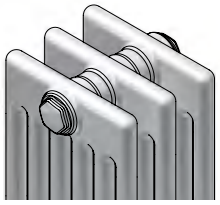
Zehnder Charleston Klinik


2-kolommer

3-kolommer


4-kolommer


5-kolommer


6-kolommer

Bouwhoogte [1] mm	Bouwdiepte mm				
	62	100	136	173	210
190	K2019	K3019	K4019	K5019	K6019
260	K2026	K3026	K4026	K5026	K6026
300	K2030	K3030	K4030	K5030	K6030
350	K2035	K3035	K4035	K5035	K6035
400	K2040	K3040	K4040	K5040	K6040
450	K2045	K3045	K4045	K5045	K6045
500	K2050	K3050	K4050	K5050	K6050
550	K2055	K3055	K4055	K5055	K6055
600	K2060	K3060	K4060	K5060	K6060
750	K2075	K3075	K4075	K5075	K6075
900	K2090	K3090	K4090	K5090	K6090
1000	K2100	K3100	K4100	K5100	K6100
1100	K2110	K3110	K4110	K5110	K6110
1200	K2120	K3120	K4120	K5120	K6120
1500	K2150	K3150	K4150	K5150	K6150
1800	K2180	K3180	K4180	K5180	K6180
2000	K2200	K3200	K4200	K5200	K6200
2200	K2220	K3220	K4220	K5220	K6220
2500	K2250	K3250	K4250	K5250	K6250
2800	K2280	K3280	K4280	K5280	K6280
3000	K2300	K3300	K4300	K5300	K6300

[1] De hier genoemde bouwhoogte is de NEN bouwhoogte. De effectieve bouwhoogte welke bij de 2-kolommer en gedeeltelijk bij de 3-kolommer enige mm lager is, kunt u terugvinden bij de technische gegevens (zie blz. 71). Bouwhoogtes boven de 3000 mm alsmede tussenbouwhoogtes op aanvraag.

Zehnder Charleston , Zehnder Charleston Klinik

Zehnder Charleston

Zehnder Charleston Klinik

Completto-uitvoering

Bestektekst van de standaarduitvoering

Zehnder charleston, radiator als meerkolommer in elementenbouwwijze uit staal; kopstuk staal; ronde element Ø 25 mm; bouwlengte per element 46 mm tot kant en klare radiator gelast; grondlak; poedercoating volgens DIN 55900 in kleur RAL 9016. Capaciteit getest volgens EN 442. Uitstekend geschikt voor ruimten waar hygiëne van groot belang is, geschikt voor installatie in gezondheidsinstellingen. Ook leverbaar als een Klinik uitvoering met grotere elementafstand (65 mm).

Radiator aansluitklaar verpakt;
aansluiting 4 x 1/2” binnendraad kopse kant;
Op aanvraag andere aansluitmogelijkheden;
Op aanvraag toebehorenset naar keuze;
Op aanvraag speciale kleur;
Op aanvraag vuurverzinkt;
Op aanvraag speciale modellen;
Op aanvraag hogedrukuitvoering max. 18 bar.

Bestelvoorbeeld

Model	.....
Aantal elementen (per radiator)	.....
Aansluitingen	.....
Kleur	.....
Bedrijfsdruk	max. 10 bar
Bedrijfstemperatuur	max. 110°C

Voordelen

- Klassieke elegantie
- Optimale capaciteitsaanpassing
- Makkelijk te reinigen met Zehnder schapenvachtborstel
- In vele modellen beschikbaar
- Omkeerbaar om alle assen
- Standaard geschikt voor hogedruk (10 bar)
- Geschikt voor geringe waterdoorstroming
- Flexibele aansluitmogelijkheden
- Toegevoegde gebruiksmogelijkheden door breed accessoireaanbod

Leveringsomvang van de standaarduitvoering

- Grondlak en poedercoating in RAL 9016
- Horizontale modellen 4 x 1/2” aansluiting kopse kant (hoogte 190 t/m 1200 mm)
- Verticale modellen aansluiting naar wens (aansluitcodes zie blz. 31 en 32)
- Verpakt in folie en karton
- Muurbevestiging meeverpakt

Leveringsomvang van de completto-standaarduitvoering

- Grondlak en poedercoating volgens RAL 9016
- Geïntegreerd ventielbinnendeel aan de bovenzijde
- Aansluiting 2 x 1/2” binnendraad onder
- Ingebouwde blindplaat
- Ontluchtingsaansluiting 1 x 1/2” binnendraad
- Verpakt in folie en karton
- Muurbevestiging meeverpakt

Zehnder Charleston Retrofit

Oude DIN-Radiator

Zehnder Charleston Retrofit

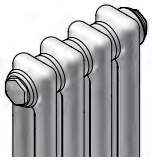
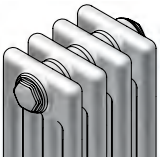
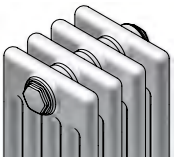
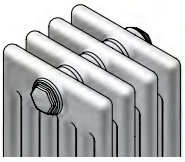
Onderstaande tabel bevat een overzicht van oude DIN- en gietijzeren radiatoren met daarbij de vergelijkbare modellen van de Zehnder Charleston Retrofit. Een verandering van het bestaande leidingwerk is dan niet nodig.

1. De hart-op-hart afstand van de Zehnder Charleston Retrofit komt overeen met de uit te wisselen radiator.
2. De aansluitingen zijn in principe aan zijkant 3/8", ½", ¾" of 1" (1" alleen voor 3- tot 6-kolommer)
3. De capaciteit van het nieuwe model ligt iets boven het te vervangen model.
4. De bouwdiepte van de nieuwe radiator is minder diep dan de oude radiator, in sommige gevallen ook even diep.
5. De bouwlengte van elke element wijkt af van de oude maten, daarom zal de oude wandbevestiging in de meeste gevallen vervangen moeten worden.

Oud model stalen radiatoren DIN 4722 (vanaf 1938) Element lengte 45 mm							**Oud model stalen radiatoren buiten de norm (vanaf 1961)** Element lengte 50 mm						
Oude model	DIN 4722	Hart-op-hart afstand mm	Bouw hoogte mm	Bouw diepte mm	EN 442 75/65/20°C	**Nieuw model Charleston**	**Oude model**	Buiten de norm	Hart-op-hart afstand mm	Bouw hoogte mm	Bouw diepte mm	EN 442 75/65/20°C	**Nieuw model Charleston**
200/200	47	200	290	200	59	**6027**	**200/250**	59	200	300	250	74	**6027**
300/100	34	300	390	100	42	**3037**	**350/70**	33	350	430	70	41	**2041**
300/150	54	300	390	150	67	**4037**	**350/110**	41	350	450	110	52	**3042**
300/200	66	300	390	200	83	**5037**	**350/160**	57	350	450	160	72	**4042**
300/250	78	300	390	250	98	**6037**	**350/220**	75	350	450	220	94	**6042**
500/100	54	500	590	100	67	**3057**	**400/72**	32	400	480	72	40	**2046**
500/150	77	500	590	150	97	**4057**							
500/200	97	500	590	200	122	**5057**	**500/72**	39	500	580	72	49	**2056**
500/250	117	500	590	250	148	**6057**	**500/110**	55	500	600	110	69	**3057**
							500/160	75	500	600	160	94	**4057**
600/100	60	600	690	100	76	**3067**	**500/220**	98	500	600	220	123	**6057**
600/150	86	600	690	150	109	**4067**							
600/200	111	600	690	200	140	**5067**	**600/72**	45	600	680	72	57	**2066**
600/250	134	600	690	250	169	**6067**							
							900/72	68	900	980	72	86	**2096**
1000/100	92	1000	1090	100	116	**3107**	**900/110**	93	900	1000	110	117	**3097**
1000/150	133	1000	1090	150	167	**4107**	**900/160**	123	900	1000	160	155	**4097**
1000/200	169	1000	1090	200	213	**5107**	**900/160**	123	900	1000	160	155	**5097**
1000/250	205	1000	1090	250	258	**6107**	**900/220**	156	900	1000	220	196	**6097**

Zehnder Charleston horizontaal

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		190									
											
Model		**2019**		**3019**		**4019**		**5019**		**6019**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,26		1,27		1,26		1,25		1,27	
Prijs element €		**14,83**		**15,67**		**17,79**		**21,35**		**24,92**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	58	**88,75**	81	**92,11**	114	**100,59**	140	**114,83**	166	**129,11**
5	230	73	**103,58**	101	**107,78**	142	**118,38**	175	**136,18**	208	**154,03**
6	276	87	**118,41**	121	**123,45**	171	**136,17**	210	**157,53**	249	**178,95**
7	322	102	**133,24**	141	**139,12**	199	**153,96**	245	**178,88**	291	**203,87**
8	368	116	**148,07**	161	**154,79**	228	**171,75**	280	**200,23**	332	**228,79**
9	414	131	**162,90**	181	**170,46**	256	**189,54**	315	**221,58**	374	**253,71**
10	460	145	**177,73**	201	**186,13**	284	**207,33**	350	**242,93**	415	**278,63**
11	506	160	**192,56**	222	**201,80**	313	**225,12**	385	**264,28**	457	**303,55**
12	552	174	**207,39**	242	**217,47**	341	**242,91**	420	**285,63**	498	**328,47**
13	598	189	**222,22**	262	**233,14**	370	**260,70**	455	**306,98**	540	**353,39**
14	644	203	**237,05**	282	**248,81**	398	**278,49**	490	**328,33**	581	**378,31**
15	690	218	**251,88**	302	**264,48**	426	**296,28**	525	**349,68**	623	**403,23**
16	736	232	**266,71**	322	**280,15**	455	**314,07**	560	**371,03**	664	**428,15**
17	782	247	**281,54**	342	**295,82**	483	**331,86**	595	**392,38**	706	**453,07**
18	828	261	**296,37**	362	**311,49**	512	**349,65**	630	**413,73**	747	**477,99**
19	874	276	**311,20**	382	**327,16**	540	**367,44**	665	**435,08**	789	**502,91**
20	920	290	**326,03**	402	**342,83**	568	**385,23**	700	**456,43**	830	**527,83**
21	966	305	**349,27**	423	**366,91**	597	**411,43**	735	**486,19**	872	**561,16**
22	1012	319	**364,10**	443	**382,58**	625	**429,22**	770	**507,54**	913	**586,08**
23	1058	334	**378,93**	463	**398,25**	654	**447,01**	805	**528,89**	955	**611,00**
24	1104	348	**393,76**	483	**413,92**	682	**464,80**	840	**550,24**	996	**635,92**
25	1150	363	**408,59**	503	**429,59**	710	**482,59**	875	**571,59**	1038	**660,84**
26	1196	377	**423,42**	523	**445,26**	739	**500,38**	910	**592,94**	1079	**685,76**
27	1242	392	**438,25**	543	**460,93**	767	**518,17**	945	**614,29**	1121	**710,68**
28	1288	406	**453,08**	563	**476,60**	796	**535,96**	980	**635,64**	1162	**735,60**
29	1334	421	**467,91**	583	**492,27**	824	**553,75**	1015	**656,99**	1204	**760,52**
30	1380	435	**482,74**	603	**507,94**	852	**571,54**	1050	**678,34**	1245	**785,44**
31	1426	450	**497,57**	624	**523,61**	881	**589,33**	1085	**699,69**	1287	**810,36**
32	1472	464	**512,40**	644	**539,28**	909	**607,12**	1120	**721,04**	1328	**835,28**
33	1518	479	**527,23**	664	**554,95**	938	**624,91**	1155	**742,39**	1370	**860,20**
34	1564	493	**542,06**	684	**570,62**	966	**642,70**	1190	**763,74**	1411	**885,12**
35	1610	508	**556,89**	704	**586,29**	994	**660,49**	1225	**785,09**	1453	**910,04**
36	1656	522	**571,72**	724	**601,96**	1023	**678,28**	1260	**806,44**	1494	**934,96**
37	1702	537	**586,55**	744	**617,63**	1051	**696,07**	1295	**827,79**	1536	**959,88**
38	1748	551	**601,38**	764	**633,30**	1080	**713,86**	1330	**849,14**	1577	**984,80**
39	1794	566	**616,21**	784	**648,97**	1108	**731,65**	1365	**870,49**	1619	**1.009,72**
40	1840	580	**631,04**	804	**664,64**	1136	**749,44**	1400	**891,84**	1660	**1.034,64**

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 126,13

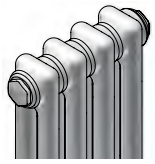
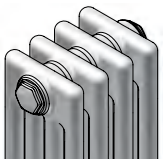
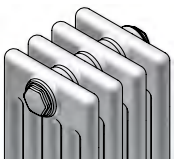
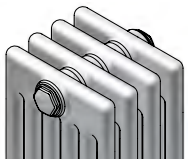
Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop: € 180,18

Toeslag completto[3] voor aansluiting ventiel onder, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 150,16

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 66
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston horizontaal

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		260									
											
Model		**2026**		**3026**		**4026**		**5026**		**6026**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,25		1,25		1,25		1,25		1,27	
Prijs element €		**14,89**		**15,92**		**17,97**		**21,49**		**25,20**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	85	**88,99**	112	**93,11**	146	**101,31**	181	**115,39**	216	**130,23**
5	230	106	**103,88**	140	**109,03**	183	**119,28**	226	**136,88**	270	**155,43**
6	276	127	**118,77**	168	**124,95**	219	**137,25**	271	**158,37**	324	**180,63**
7	322	148	**133,66**	196	**140,87**	256	**155,22**	316	**179,86**	378	**205,83**
8	368	169	**148,55**	224	**156,79**	292	**173,19**	361	**201,35**	432	**231,03**
9	414	190	**163,44**	252	**172,71**	329	**191,16**	406	**222,84**	486	**256,23**
10	460	211	**178,33**	279	**188,63**	365	**209,13**	451	**244,33**	540	**281,43**
11	506	233	**193,22**	307	**204,55**	402	**227,10**	497	**265,82**	594	**306,63**
12	552	254	**208,11**	335	**220,47**	438	**245,07**	542	**287,31**	648	**331,83**
13	598	275	**223,00**	363	**236,39**	475	**263,04**	587	**308,80**	702	**357,03**
14	644	296	**237,89**	391	**252,31**	511	**281,01**	632	**330,29**	756	**382,23**
15	690	317	**252,78**	419	**268,23**	548	**298,98**	677	**351,78**	810	**407,43**
16	736	338	**267,67**	447	**284,15**	584	**316,95**	722	**373,27**	864	**432,63**
17	782	359	**282,56**	475	**300,07**	621	**334,92**	767	**394,76**	918	**457,83**
18	828	380	**297,45**	503	**315,99**	657	**352,89**	812	**416,25**	972	**483,03**
19	874	401	**312,34**	531	**331,91**	694	**370,86**	857	**437,74**	1026	**508,23**
20	920	422	**327,23**	558	**347,83**	730	**388,83**	902	**459,23**	1080	**533,43**
21	966	444	**350,53**	586	**372,16**	767	**415,21**	948	**489,13**	1134	**567,04**
22	1012	465	**365,42**	614	**388,08**	803	**433,18**	993	**510,62**	1188	**592,24**
23	1058	486	**380,31**	642	**404,00**	840	**451,15**	1038	**532,11**	1242	**617,44**
24	1104	507	**395,20**	670	**419,92**	876	**469,12**	1083	**553,60**	1296	**642,64**
25	1150	528	**410,09**	698	**435,84**	913	**487,09**	1128	**575,09**	1350	**667,84**
26	1196	549	**424,98**	726	**451,76**	949	**505,06**	1173	**596,58**	1404	**693,04**
27	1242	570	**439,87**	754	**467,68**	986	**523,03**	1218	**618,07**	1458	**718,24**
28	1288	591	**454,76**	782	**483,60**	1022	**541,00**	1263	**639,56**	1512	**743,44**
29	1334	612	**469,65**	810	**499,52**	1059	**558,97**	1308	**661,05**	1566	**768,64**
30	1380	633	**484,54**	837	**515,44**	1095	**576,94**	1353	**682,54**	1620	**793,84**
31	1426	655	**499,43**	865	**531,36**	1132	**594,91**	1399	**704,03**	1674	**819,04**
32	1472	676	**514,32**	893	**547,28**	1168	**612,88**	1444	**725,52**	1728	**844,24**
33	1518	697	**529,21**	921	**563,20**	1205	**630,85**	1489	**747,01**	1782	**869,44**
34	1564	718	**544,10**	949	**579,12**	1241	**648,82**	1534	**768,50**	1836	**894,64**
35	1610	739	**558,99**	977	**595,04**	1278	**666,79**	1579	**789,99**	1890	**919,84**
36	1656	760	**573,88**	1005	**610,96**	1314	**684,76**	1624	**811,48**	1944	**945,04**
37	1702	781	**588,77**	1033	**626,88**	1351	**702,73**	1669	**832,97**	1998	**970,24**
38	1748	802	**603,66**	1061	**642,80**	1387	**720,70**	1714	**854,46**	2052	**995,44**
39	1794	823	**618,55**	1089	**658,72**	1424	**738,67**	1759	**875,95**	2106	**1.020,64**
40	1840	844	**633,44**	1116	**674,64**	1460	**756,64**	1804	**897,44**	2160	**1.045,84**

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 126,13

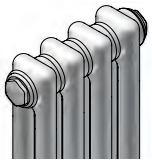
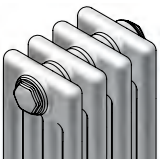
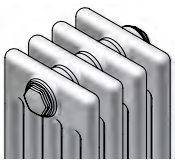
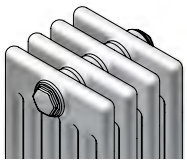
Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop: € 180,18

Toeslag completto[3] voor aansluiting ventiel onder, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 150,16

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 66
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston horizontaal

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

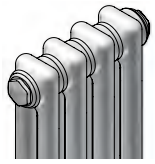
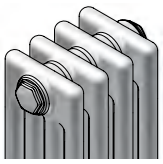
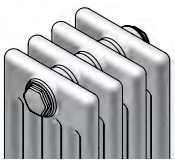
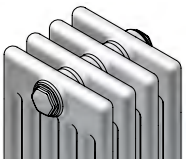
Bouwhoogte mm	300									
										
Model	**2030**		**3030**		**4030**		**5030**		**6030**	
Bouwdiepte mm	62		100		136		173		210	
Factor voor 90/70/20°C ± [2]	1,24		1,25		1,25		1,25		1,26	
Prijs element €	**14,97**		**16,17**		**18,17**		**21,63**		**25,25**	
Bouwlengte	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen / mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4 / 184	95	**89,31**	128	**94,11**	168	**102,11**	207	**115,95**	246	**130,43**
5 / 230	118	**104,28**	160	**110,28**	210	**120,28**	259	**137,58**	307	**155,68**
6 / 276	142	**119,25**	192	**126,45**	252	**138,45**	311	**159,21**	368	**180,93**
7 / 322	166	**134,22**	224	**142,62**	294	**156,62**	362	**180,84**	430	**206,18**
8 / 368	189	**149,19**	256	**158,79**	336	**174,79**	414	**202,47**	491	**231,43**
9 / 414	213	**164,16**	288	**174,96**	378	**192,96**	466	**224,10**	552	**256,68**
10 / 460	236	**179,13**	320	**191,13**	419	**211,13**	517	**245,73**	613	**281,93**
11 / 506	260	**194,10**	352	**207,30**	461	**229,30**	569	**267,36**	675	**307,18**
12 / 552	284	**209,07**	384	**223,47**	503	**247,47**	621	**288,99**	736	**332,43**
13 / 598	307	**224,04**	416	**239,64**	545	**265,64**	673	**310,62**	797	**357,68**
14 / 644	331	**239,01**	448	**255,81**	587	**283,81**	724	**332,25**	859	**382,93**
15 / 690	354	**253,98**	480	**271,98**	629	**301,98**	776	**353,88**	920	**408,18**
16 / 736	378	**268,95**	512	**288,15**	671	**320,15**	828	**375,51**	981	**433,43**
17 / 782	402	**283,92**	544	**304,32**	713	**338,32**	879	**397,14**	1043	**458,68**
18 / 828	425	**298,89**	576	**320,49**	755	**356,49**	931	**418,77**	1104	**483,93**
19 / 874	449	**313,86**	608	**336,66**	797	**374,66**	983	**440,40**	1165	**509,18**
20 / 920	472	**328,83**	640	**352,83**	838	**392,83**	1034	**462,03**	1226	**534,43**
21 / 966	496	**352,21**	672	**377,41**	880	**419,41**	1086	**492,07**	1288	**568,09**
22 / 1012	520	**367,18**	704	**393,58**	922	**437,58**	1138	**513,70**	1349	**593,34**
23 / 1058	543	**382,15**	736	**409,75**	964	**455,75**	1190	**535,33**	1410	**618,59**
24 / 1104	567	**397,12**	768	**425,92**	1006	**473,92**	1241	**556,96**	1472	**643,84**
25 / 1150	590	**412,09**	800	**442,09**	1048	**492,09**	1293	**578,59**	1533	**669,09**
26 / 1196	614	**427,06**	832	**458,26**	1090	**510,26**	1345	**600,22**	1594	**694,34**
27 / 1242	638	**442,03**	864	**474,43**	1132	**528,43**	1396	**621,85**	1656	**719,59**
28 / 1288	661	**457,00**	896	**490,60**	1174	**546,60**	1448	**643,48**	1717	**744,84**
29 / 1334	685	**471,97**	928	**506,77**	1216	**564,77**	1500	**665,11**	1778	**770,09**
30 / 1380	708	**486,94**	960	**522,94**	1257	**582,94**	1551	**686,74**	1839	**795,34**
31 / 1426	732	**501,91**	992	**539,11**	1299	**601,11**	1603	**708,37**	1901	**820,59**
32 / 1472	756	**516,88**	1024	**555,28**	1341	**619,28**	1655	**730,00**	1962	**845,84**
33 / 1518	779	**531,85**	1056	**571,45**	1383	**637,45**	1707	**751,63**	2023	**871,09**
34 / 1564	803	**546,82**	1088	**587,62**	1425	**655,62**	1758	**773,26**	2085	**896,34**
35 / 1610	826	**561,79**	1120	**603,79**	1467	**673,79**	1810	**794,89**	2146	**921,59**
36 / 1656	850	**576,76**	1152	**619,96**	1509	**691,96**	1862	**816,52**	2207	**946,84**
37 / 1702	874	**591,73**	1184	**636,13**	1551	**710,13**	1913	**838,15**	2269	**972,09**
38 / 1748	897	**606,70**	1216	**652,30**	1593	**728,30**	1965	**859,78**	2330	**997,34**
39 / 1794	921	**621,67**	1248	**668,47**	1635	**746,47**	2017	**881,41**	2391	**1.022,59**
40 / 1840	944	**636,64**	1280	**684,64**	1676	**764,64**	2068	**903,04**	2452	**1.047,84**

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 126,13
Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop: € 180,18
Toeslag completto[3] voor aansluiting ventiel onder, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 150,16

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 66
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston horizontaal

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		350									
											
Model		**2035**		**3035**		**4035**		**5035**		**6035**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,24		1,25		1,25		1,26		1,26	
Prijs element €		**15,33**		**16,66**		**18,74**		**22,20**		**26,03**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	110	**90,75**	148	**96,07**	194	**104,39**	240	**118,23**	284	**133,55**
5	230	138	**106,08**	185	**112,73**	243	**123,13**	300	**140,43**	355	**159,58**
6	276	165	**121,41**	222	**129,39**	291	**141,87**	360	**162,63**	426	**185,61**
7	322	193	**136,74**	259	**146,05**	340	**160,61**	420	**184,83**	497	**211,64**
8	368	220	**152,07**	296	**162,71**	388	**179,35**	480	**207,03**	568	**237,67**
9	414	248	**167,40**	333	**179,37**	437	**198,09**	540	**229,23**	639	**263,70**
10	460	275	**182,73**	370	**196,03**	485	**216,83**	599	**251,43**	710	**289,73**
11	506	303	**198,06**	407	**212,69**	534	**235,57**	659	**273,63**	781	**315,76**
12	552	330	**213,39**	444	**229,35**	582	**254,31**	719	**295,83**	852	**341,79**
13	598	358	**228,72**	481	**246,01**	631	**273,05**	779	**318,03**	923	**367,82**
14	644	385	**244,05**	518	**262,67**	679	**291,79**	839	**340,23**	994	**393,85**
15	690	413	**259,38**	555	**279,33**	728	**310,53**	899	**362,43**	1065	**419,88**
16	736	440	**274,71**	592	**295,99**	776	**329,27**	959	**384,63**	1136	**445,91**
17	782	468	**290,04**	629	**312,65**	825	**348,01**	1019	**406,83**	1207	**471,94**
18	828	495	**305,37**	666	**329,31**	873	**366,75**	1079	**429,03**	1278	**497,97**
19	874	523	**320,70**	703	**345,97**	922	**385,49**	1139	**451,23**	1349	**524,00**
20	920	550	**336,03**	740	**362,63**	970	**404,23**	1198	**473,43**	1420	**550,03**
21	966	578	**359,77**	777	**387,70**	1019	**431,38**	1258	**504,04**	1491	**584,47**
22	1012	605	**375,10**	814	**404,36**	1067	**450,12**	1318	**526,24**	1562	**610,50**
23	1058	633	**390,43**	851	**421,02**	1116	**468,86**	1378	**548,44**	1633	**636,53**
24	1104	660	**405,76**	888	**437,68**	1164	**487,60**	1438	**570,64**	1704	**662,56**
25	1150	688	**421,09**	925	**454,34**	1213	**506,34**	1498	**592,84**	1775	**688,59**
26	1196	715	**436,42**	962	**471,00**	1261	**525,08**	1558	**615,04**	1846	**714,62**
27	1242	743	**451,75**	999	**487,66**	1310	**543,82**	1618	**637,24**	1917	**740,65**
28	1288	770	**467,08**	1036	**504,32**	1358	**562,56**	1678	**659,44**	1988	**766,68**
29	1334	798	**482,41**	1073	**520,98**	1407	**581,30**	1738	**681,64**	2059	**792,71**
30	1380	825	**497,74**	1110	**537,64**	1455	**600,04**	1797	**703,84**	2130	**818,74**
31	1426	853	**513,07**	1147	**554,30**	1504	**618,78**	1857	**726,04**	2201	**844,77**
32	1472	880	**528,40**	1184	**570,96**	1552	**637,52**	1917	**748,24**	2272	**870,80**
33	1518	908	**543,73**	1221	**587,62**	1601	**656,26**	1977	**770,44**	2343	**896,83**
34	1564	935	**559,06**	1258	**604,28**	1649	**675,00**	2037	**792,64**	2414	**922,86**
35	1610	963	**574,39**	1295	**620,94**	1698	**693,74**	2097	**814,84**	2485	**948,89**
36	1656	990	**589,72**	1332	**637,60**	1746	**712,48**	2157	**837,04**	2556	**974,92**
37	1702	1018	**605,05**	1369	**654,26**	1795	**731,22**	2217	**859,24**	2627	**1.000,95**
38	1748	1045	**620,38**	1406	**670,92**	1843	**749,96**	2277	**881,44**	2698	**1.026,98**
39	1794	1073	**635,71**	1443	**687,58**	1892	**768,70**	2337	**903,64**	2769	**1.053,01**
40	1840	1100	**651,04**	1480	**704,24**	1940	**787,44**	2396	**925,84**	2840	**1.079,04**

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 126,13

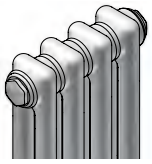
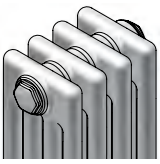
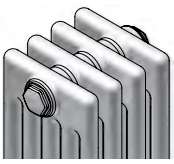
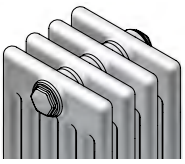
Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop: € 180,18

Toeslag completto[3] voor aansluiting ventiel onder, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 150,16

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 66
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston horizontaal

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		400									
											
Model		**2040**		**3040**		**4040**		**5040**		**6040**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,24		1,25		1,26		1,26		1,27	
Prijs element €		**15,54**		**17,09**		**19,15**		**22,62**		**26,88**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	125	**91 ,59**	168	**97,79**	220	**106,03**	272	**119,91**	322	**136,95**
5	230	156	**107,13**	210	**114,88**	275	**125,18**	340	**142,53**	403	**163,83**
6	276	188	**122,67**	252	**131,97**	330	**144,33**	408	**165,15**	483	**190,71**
7	322	219	**138,21**	294	**149,06**	385	**163,48**	476	**187,77**	564	**217,59**
8	368	250	**153,75**	336	**166,15**	440	**182,63**	544	**210,39**	644	**244,47**
9	414	281	**169,29**	378	**183,24**	495	**201,78**	612	**233,01**	725	**271,35**
10	460	312	**184,83**	419	**200,33**	549	**220,93**	679	**255,63**	805	**298,23**
11	506	344	**200,37**	461	**217,42**	604	**240,08**	747	**278,25**	886	**325,11**
12	552	375	**215,91**	503	**234,51**	659	**259,23**	815	**300,87**	966	**351,99**
13	598	406	**231,45**	545	**251,60**	714	**278,38**	883	**323,49**	1047	**378,87**
14	644	437	**246,99**	587	**268,69**	769	**297,53**	951	**346,11**	1127	**405,75**
15	690	468	**262,53**	629	**285,78**	824	**316,68**	1019	**368,73**	1208	**432,63**
16	736	500	**278,07**	671	**302,87**	879	**335,83**	1087	**391,35**	1288	**459,51**
17	782	531	**293,61**	713	**319,96**	934	**354,98**	1155	**413,97**	1369	**486,39**
18	828	562	**309,15**	755	**337,05**	989	**374,13**	1223	**436,59**	1449	**513,27**
19	874	593	**324,69**	797	**354,14**	1044	**393,28**	1291	**459,21**	1530	**540,15**
20	920	624	**340,23**	838	**371,23**	1098	**412,43**	1358	**481,83**	1610	**567,03**
21	966	656	**364,18**	880	**396,73**	1153	**439,99**	1426	**512,86**	1691	**602,32**
22	1012	687	**379,72**	922	**413,82**	1208	**459,14**	1494	**535,48**	1771	**629,20**
23	1058	718	**395,26**	964	**430,91**	1263	**478,29**	1562	**558,10**	1852	**656,08**
24	1104	749	**410,80**	1006	**448,00**	1318	**497,44**	1630	**580,72**	1932	**682,96**
25	1150	780	**426,34**	1048	**465,09**	1373	**516,59**	1698	**603,34**	2013	**709,84**
26	1196	812	**441,88**	1090	**482,18**	1428	**535,74**	1766	**625,96**	2093	**736,72**
27	1242	843	**457,42**	1132	**499,27**	1483	**554,89**	1834	**648,58**	2174	**763,60**
28	1288	874	**472,96**	1174	**516,36**	1538	**574,04**	1902	**671,20**	2254	**790,48**
29	1334	905	**488,50**	1216	**533,45**	1593	**593,19**	1970	**693,82**	2335	**817,36**
30	1380	936	**504,04**	1257	**550,54**	1647	**612,34**	2038	**716,44**	2415	**844,24**
31	1426	968	**519,58**	1299	**567,63**	1702	**631,49**	2105	**739,06**	2496	**871,12**
32	1472	999	**535,12**	1341	**584,72**	1757	**650,64**	2173	**761,68**	2576	**898,00**
33	1518	1030	**550,66**	1383	**601,81**	1812	**669,79**	2241	**784,30**	2657	**924,88**
34	1564	1061	**566,20**	1425	**618,90**	1867	**688,94**	2309	**806,92**	2737	**951,76**
35	1610	1092	**581 ,74**	1467	**635,99**	1922	**708,09**	2377	**829,54**	2818	**978,64**
36	1656	1124	**597,28**	1509	**653,08**	1977	**727,24**	2445	**852,16**	2898	**1.005,52**
37	1702	1155	**612,82**	1551	**670,17**	2032	**746,39**	2513	**874,78**	2979	**1.032,40**
38	1748	1186	**628,36**	1593	**687,26**	2087	**765,54**	2581	**897,40**	3059	**1.059,28**
39	1794	1217	**643,90**	1635	**704,35**	2142	**784,69**	2649	**920,02**	3140	**1.086,16**
40	1840	1248	**659,44**	1676	**721,44**	2196	**803,84**	2716	**942,64**	3220	**1.113,04**

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 126,13

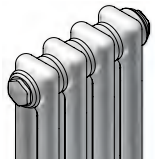
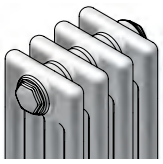
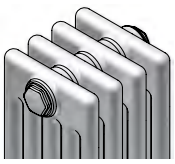
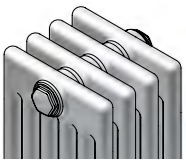
Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop: € 180,18

Toeslag completto[3] voor aansluiting ventiel onder, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 150,16

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 66
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston horizontaal

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

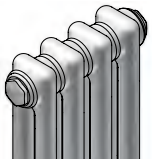
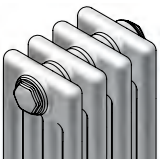
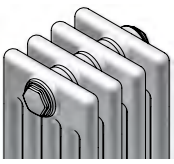
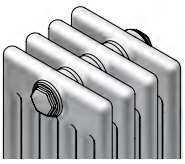
Bouwhoogte mm		450									
											
Model		**2045**		**3045**		**4045**		**5045**		**6045**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,24		1,25		1,26		1,26		1,27	
Prijs element €		**15,94**		**17,95**		**19,94**		**23,55**		**27,24**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	140	**93,19**	188	**101,23**	246	**109,19**	304	**123,63**	360	**138,39**
5	230	175	**109,13**	234	**119,18**	307	**129,13**	379	**147,18**	449	**165,63**
6	276	210	**125,07**	281	**137,13**	368	**149,07**	455	**170,73**	539	**192,87**
7	322	245	**141,01**	328	**155,08**	430	**169,01**	531	**194,28**	629	**220,11**
8	368	280	**156,95**	375	**173,03**	491	**188,95**	607	**217,83**	719	**247,35**
9	414	315	**172,89**	422	**190,98**	552	**208,89**	683	**241,38**	809	**274,59**
10	460	349	**188,83**	468	**208,93**	613	**228,83**	758	**264,93**	898	**301,83**
11	506	384	**204,77**	515	**226,88**	675	**248,77**	834	**288,48**	988	**329,07**
12	552	419	**220,71**	562	**244,83**	736	**268,71**	910	**312,03**	1078	**356,31**
13	598	454	**236,65**	609	**262,78**	797	**288,65**	986	**335,58**	1168	**383,55**
14	644	489	**252,59**	656	**280,73**	859	**308,59**	1062	**359,13**	1258	**410,79**
15	690	524	**268,53**	702	**298,68**	920	**328,53**	1137	**382,68**	1347	**438,03**
16	736	559	**284,47**	749	**316,63**	981	**348,47**	1213	**406,23**	1437	**465,27**
17	782	594	**300,41**	796	**334,58**	1043	**368,41**	1289	**429,78**	1527	**492,51**
18	828	629	**316,35**	843	**352,53**	1104	**388,35**	1365	**453,33**	1617	**519,75**
19	874	664	**332,29**	890	**370,48**	1165	**408,29**	1441	**476,88**	1707	**546,99**
20	920	698	**348,23**	936	**388,43**	1226	**428,23**	1516	**500,43**	1796	**574,23**
21	966	733	**372,58**	983	**414,79**	1288	**456,58**	1592	**532,39**	1886	**609,88**
22	1012	768	**388,52**	1030	**432,74**	1349	**476,52**	1668	**555,94**	1976	**637,12**
23	1058	803	**404,46**	1077	**450,69**	1410	**496,46**	1744	**579,49**	2066	**664,36**
24	1104	838	**420,40**	1124	**468,64**	1472	**516,40**	1820	**603,04**	2156	**691,60**
25	1150	873	**436,34**	1170	**486,59**	1533	**536,34**	1895	**626,59**	2245	**718,84**
26	1196	908	**452,28**	1217	**504,54**	1594	**556,28**	1971	**650,14**	2335	**746,08**
27	1242	943	**468,22**	1264	**522,49**	1656	**576,22**	2047	**673,69**	2425	**773,32**
28	1288	978	**484,16**	1311	**540,44**	1717	**596,16**	2123	**697,24**	2515	**800,56**
29	1334	1013	**500,10**	1358	**558,39**	1778	**616,10**	2199	**720,79**	2605	**827,80**
30	1380	1047	**516,04**	1404	**576,34**	1839	**636,04**	2274	**744,34**	2694	**855,04**
31	1426	1082	**531,98**	1451	**594,29**	1901	**655,98**	2350	**767,89**	2784	**882,28**
32	1472	1117	**547,92**	1498	**612,24**	1962	**675,92**	2426	**791,44**	2874	**909,52**
33	1518	1152	**563,86**	1545	**630,19**	2023	**695,86**	2502	**814,99**	2964	**936,76**
34	1564	1187	**579,80**	1592	**648,14**	2085	**715,80**	2578	**838,54**	3054	**964,00**
35	1610	1222	**595,74**	1638	**666,09**	2146	**735,74**	2653	**862,09**	3143	**991,24**
36	1656	1257	**611,68**	1685	**684,04**	2207	**755,68**	2729	**885,64**	3233	**1.018,48**
37	1702	1292	**627,62**	1732	**701,99**	2269	**775,62**	2805	**909,19**	3323	**1.045,72**
38	1748	1327	**643,56**	1779	**719,94**	2330	**795,56**	2881	**932,74**	3413	**1.072,96**
39	1794	1362	**659,50**	1826	**737,89**	2391	**815,50**	2957	**956,29**	3503	**1.100,20**
40	1840	1396	**675,44**	1872	**755,84**	2452	**835,44**	3032	**979,84**	3592	**1.127,44**

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 126,13
Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop: € 180,18
Toeslag completto[3] voor aansluiting ventiel onder, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 150,16

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 66
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston horizontaal

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

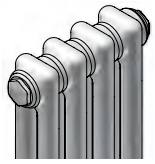
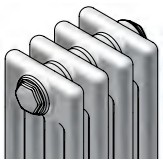
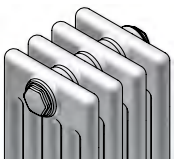
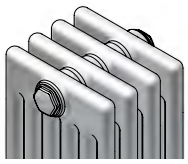
Bouwhoogte mm		500									
											
Model		**2050**		**3050**		**4050**		**5050**		**6050**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,25		1,25		1,26		1,27		1,28	
Prijs element €		**16,31**		**18,56**		**20,57**		**23,98**		**28,15**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	154	**94,67**	207	**103,67**	271	**111,71**	334	**125,35**	396	**142,03**
5	230	192	**110,98**	258	**122,23**	338	**132,28**	418	**149,33**	495	**170,18**
6	276	231	**127,29**	310	**140,79**	406	**152,85**	501	**173,31**	594	**198,33**
7	322	269	**143,60**	362	**159,35**	474	**173,42**	585	**197,29**	693	**226,48**
8	368	308	**159,91**	413	**177,91**	541	**193,99**	668	**221 ,27**	792	**254,63**
9	414	346	**176,22**	465	**196,47**	609	**214,56**	752	**245,25**	891	**282,78**
10	460	384	**192,53**	516	**215,03**	676	**235,13**	835	**269,23**	990	**310,93**
11	506	423	**208,84**	568	**233,59**	744	**255,70**	919	**293,21**	1089	**339,08**
12	552	461	**225,15**	620	**252,15**	812	**276,27**	1002	**317,19**	1188	**367,23**
13	598	500	**241,46**	671	**270,71**	879	**296,84**	1086	**341,17**	1287	**395,38**
14	644	538	**257,77**	723	**289,27**	947	**317,41**	1169	**365,15**	1386	**423,53**
15	690	576	**274,08**	774	**307,83**	1014	**337,98**	1253	**389,13**	1485	**451,68**
16	736	615	**290,39**	826	**326,39**	1082	**358,55**	1336	**413,11**	1584	**479,83**
17	782	653	**306,70**	878	**344,95**	1150	**379,12**	1420	**437,09**	1683	**507,98**
18	828	692	**323,01**	929	**363,51**	1217	**399,69**	1503	**461,07**	1782	**536,13**
19	874	730	**339,32**	981	**382,07**	1285	**420,26**	1587	**485,05**	1881	**564,28**
20	920	768	**355,63**	1032	**400,63**	1352	**440,83**	1670	**509,03**	1980	**592,43**
21	966	807	**380,35**	1084	**427,60**	1420	**469,81**	1754	**541,42**	2079	**628,99**
22	1012	845	**396,66**	1136	**446,16**	1488	**490,38**	1837	**565,40**	2178	**657,14**
23	1058	884	**412,97**	1187	**464,72**	1555	**510,95**	1921	**589,38**	2277	**685,29**
24	1104	922	**429,28**	1239	**483,28**	1623	**531,52**	2004	**613,36**	2376	**713,44**
25	1150	960	**445,59**	1290	**501,84**	1690	**552,09**	2088	**637,34**	2475	**741,59**
26	1196	999	**461,90**	1342	**520,40**	1758	**572,66**	2171	**661 ,32**	2574	**769,74**
27	1242	1037	**478,21**	1394	**538,96**	1826	**593,23**	2255	**685,30**	2673	**797,89**
28	1288	1076	**494,52**	1445	**557,52**	1893	**613,80**	2338	**709,28**	2772	**826,04**
29	1334	1114	**510,83**	1497	**576,08**	1961	**634,37**	2422	**733,26**	2871	**854,19**
30	1380	1152	**527,14**	1548	**594,64**	2028	**654,94**	2505	**757,24**	2970	**882,34**
31	1426	1191	**543,45**	1600	**613,20**	2096	**675,51**	2589	**781,22**	3069	**910,49**
32	1472	1229	**559,76**	1652	**631,76**	2164	**696,08**	2672	**805,20**	3168	**938,64**
33	1518	1268	**576,07**	1703	**650,32**	2231	**716,65**	2756	**829,18**	3267	**966,79**
34	1564	1306	**592,38**	1755	**668,88**	2299	**737,22**	2839	**853,16**	3366	**994,94**
35	1610	1344	**608,69**	1806	**687,44**	2366	**757,79**	2923	**877,14**	3465	**1.023,09**
36	1656	1383	**625,00**	1858	**706,00**	2434	**778,36**	3006	**901,12**	3564	**1.051,24**
37	1702	1421	**641,31**	1910	**724,56**	2502	**798,93**	3090	**925,10**	3663	**1.079,39**
38	1748	1460	**657,62**	1961	**743,12**	2569	**819,50**	3173	**949,08**	3762	**1.107,54**
39	1794	1498	**673,93**	2013	**761,68**	2637	**840,07**	3257	**973,06**	3861	**1.135,69**
40	1840	1536	**690,24**	2064	**780,24**	2704	**860,64**	3340	**997,04**	3960	**1.163,84**

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 126,13
Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop: € 180,18
Toeslag completto[3] voor aansluiting ventiel onder, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 150,16

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 66
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston horizontaal

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		550									
											
Model		**2055**		**3055**		**4055**		**5055**		**6055**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,25		1,26		1,26		1,27		1,28	
Prijs element €		**16,74**		**18,94**		**21,28**		**24,95**		**29,37**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	168	**96,39**	226	**105,19**	295	**114,55**	364	**129,23**	432	**146,91**
5	230	210	**113,13**	282	**124,13**	369	**135,83**	455	**154,18**	540	**176,28**
6	276	252	**129,87**	338	**143,07**	443	**157,11**	546	**179,13**	648	**205,65**
7	322	294	**146,61**	395	**162,01**	516	**178,39**	637	**204,08**	756	**235,02**
8	368	336	**163,35**	451	**180,95**	590	**199,67**	728	**229,03**	864	**264,39**
9	414	378	**180,09**	507	**199,89**	664	**220,95**	819	**253,98**	972	**293,76**
10	460	419	**196,83**	563	**218,83**	737	**242,23**	910	**278,93**	1080	**323,13**
11	506	461	**213,57**	620	**237,77**	811	**263,51**	1001	**303,88**	1188	**352,50**
12	552	503	**230,31**	676	**256,71**	885	**284,79**	1092	**328,83**	1296	**381,87**
13	598	545	**247,05**	732	**275,65**	959	**306,07**	1183	**353,78**	1404	**411,24**
14	644	587	**263,79**	789	**294,59**	1032	**327,35**	1274	**378,73**	1512	**440,61**
15	690	629	**280,53**	845	**313,53**	1106	**348,63**	1365	**403,68**	1620	**469,98**
16	736	671	**297,27**	901	**332,47**	1180	**369,91**	1456	**428,63**	1728	**499,35**
17	782	713	**314,01**	958	**351,41**	1253	**391,19**	1547	**453,58**	1836	**528,72**
18	828	755	**330,75**	1014	**370,35**	1327	**412,47**	1638	**478,53**	1944	**558,09**
19	874	797	**347,49**	1070	**389,29**	1401	**433,75**	1729	**503,48**	2052	**587,46**
20	920	838	**364,23**	1126	**408,23**	1474	**455,03**	1820	**528,43**	2160	**616,83**
21	966	880	**389,38**	1183	**435,58**	1548	**484,72**	1911	**561,79**	2268	**654,61**
22	1012	922	**406,12**	1239	**454,52**	1622	**506,00**	2002	**586,74**	2376	**683,98**
23	1058	964	**422,86**	1295	**473,46**	1696	**527,28**	2093	**611,69**	2484	**713,35**
24	1104	1006	**439,60**	1352	**492,40**	1769	**548,56**	2184	**636,64**	2592	**742,72**
25	1150	1048	**456,34**	1408	**511,34**	1843	**569,84**	2275	**661,59**	2700	**772,09**
26	1196	1090	**473,08**	1464	**530,28**	1917	**591,12**	2366	**686,54**	2808	**801,46**
27	1242	1132	**489,82**	1521	**549,22**	1990	**612,40**	2457	**711,49**	2916	**830,83**
28	1288	1174	**506,56**	1577	**568,16**	2064	**633,68**	2548	**736,44**	3024	**860,20**
29	1334	1216	**523,30**	1633	**587,10**	2138	**654,96**	2639	**761,39**	3132	**889,57**
30	1380	1257	**540,04**	1689	**606,04**	2211	**676,24**	2730	**786,34**	3240	**918,94**
31	1426	1299	**556,78**	1746	**624,98**	2285	**697,52**	2821	**811,29**	3348	**948,31**
32	1472	1341	**573,52**	1802	**643,92**	2359	**718,80**	2912	**836,24**	3456	**977,68**
33	1518	1383	**590,26**	1858	**662,86**	2433	**740,08**	3003	**861,19**	3564	**1.007,05**
34	1564	1425	**607,00**	1915	**681,80**	2506	**761,36**	3094	**886,14**	3672	**1.036,42**
35	1610	1467	**623,74**	1971	**700,74**	2580	**782,64**	3185	**911,09**	3780	**1.065,79**
36	1656	1509	**640,48**	2027	**719,68**	2654	**803,92**	3276	**936,04**	3888	**1.095,16**
37	1702	1551	**657,22**	2084	**738,62**	2727	**825,20**	3367	**960,99**	3996	**1.124,53**
38	1748	1593	**673,96**	2140	**757,56**	2801	**846,48**	3458	**985,94**	4104	**1.153,90**
39	1794	1635	**690,70**	2196	**776,50**	2875	**867,76**	3549	**1.010,89**	4212	**1.183,27**
40	1840	1676	**707,44**	2252	**795,44**	2948	**889,04**	3640	**1.035,84**	4320	**1.212,64**

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 126,13

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop: € 180,18

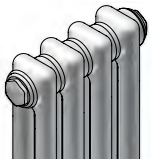
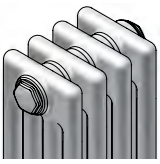
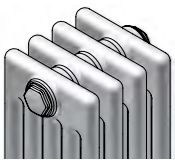
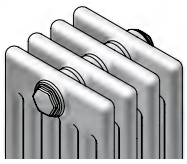
Toeslag completto[3] voor aansluiting ventiel onder, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 150,16

Let op! Leeggewicht radiator hoger dan 100 kg

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 66
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston horizontaal

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		600									
											
Model		**2060**		**3060**		**4060**		**5060**		**6060**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,25		1,26		1,27		1,27		1,29	
Prijs element €		**17,16**		**19,49**		**22,20**		**25,97**		**29,38**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	182	**98,07**	244	**107,39**	320	**118,23**	395	**133,31**	468	**146,95**
5	230	227	**115,23**	305	**126,88**	399	**140,43**	493	**159,28**	585	**176,33**
6	276	272	**132,39**	366	**146,37**	479	**162,63**	592	**185,25**	702	**205,71**
7	322	318	**149,55**	427	**165,86**	559	**184,83**	691	**211,22**	819	**235,09**
8	368	363	**166,71**	488	**185,35**	639	**207,03**	789	**237,19**	936	**264,47**
9	414	408	**183,87**	549	**204,84**	719	**229,23**	888	**263,16**	1053	**293,85**
10	460	453	**201,03**	609	**224,33**	798	**251,43**	986	**289,13**	1170	**323,23**
11	506	499	**218,19**	670	**243,82**	878	**273,63**	1085	**315,10**	1287	**352,61**
12	552	544	**235,35**	731	**263,31**	958	**295,83**	1184	**341,07**	1404	**381,99**
13	598	589	**252,51**	792	**282,80**	1038	**318,03**	1282	**367,04**	1521	**411,37**
14	644	635	**269,67**	853	**302,29**	1118	**340,23**	1381	**393,01**	1638	**440,75**
15	690	680	**286,83**	914	**321,78**	1197	**362,43**	1479	**418,98**	1755	**470,13**
16	736	725	**303,99**	975	**341,27**	1277	**384,63**	1578	**444,95**	1872	**499,51**
17	782	771	**321,15**	1036	**360,76**	1357	**406,83**	1677	**470,92**	1989	**528,89**
18	828	816	**338,31**	1097	**380,25**	1437	**429,03**	1775	**496,89**	2106	**558,27**
19	874	861	**355,47**	1158	**399,74**	1517	**451,23**	1874	**522,86**	2223	**587,65**
20	920	906	**372,63**	1218	**419,23**	1596	**473,43**	1972	**548,83**	2340	**617,03**
21	966	952	**398,20**	1279	**447,13**	1676	**504,04**	2071	**583,21**	2457	**654,82**
22	1012	997	**415,36**	1340	**466,62**	1756	**526,24**	2170	**609,18**	2574	**684,20**
23	1058	1042	**432,52**	1401	**486,11**	1836	**548,44**	2268	**635,15**	2691	**713,58**
24	1104	1088	**449,68**	1462	**505,60**	1916	**570,64**	2367	**661,12**	2808	**742,96**
25	1150	1133	**466,84**	1523	**525,09**	1995	**592,84**	2465	**687,09**	2925	**772,34**
26	1196	1178	**484,00**	1584	**544,58**	2075	**615,04**	2564	**713,06**	3042	**801,72**
27	1242	1224	**501,16**	1645	**564,07**	2155	**637,24**	2663	**739,03**	3159	**831,10**
28	1288	1269	**518,32**	1706	**583,56**	2235	**659,44**	2761	**765,00**	3276	**860,48**
29	1334	1314	**535,48**	1767	**603,05**	2315	**681,64**	2860	**790,97**	3393	**889,86**
30	1380	1359	**552,64**	1827	**622,54**	2394	**703,84**	2958	**816,94**	3510	**919,24**
31	1426	1405	**569,80**	1888	**642,03**	2474	**726,04**	3057	**842,91**	3627	**948,62**
32	1472	1450	**586,96**	1949	**661,52**	2554	**748,24**	3156	**868,88**	3744	**978,00**
33	1518	1495	**604,12**	2010	**681,01**	2634	**770,44**	3254	**894,85**	3861	**1.007,38**
34	1564	1541	**621,28**	2071	**700,50**	2714	**792,64**	3353	**920,82**	3978	**1.036,76**
35	1610	1586	**638,44**	2132	**719,99**	2793	**814,84**	3451	**946,79**	4095	**1.066,14**
36	1656	1631	**655,60**	2193	**739,48**	2873	**837,04**	3550	**972,76**	4212	**1.095,52**
37	1702	1677	**672,76**	2254	**758,97**	2953	**859,24**	3649	**998,73**	4329	**1.124,90**
38	1748	1722	**689,92**	2315	**778,46**	3033	**881,44**	3747	**1.024,70**	4446	**1.154,28**
39	1794	1767	**707,08**	2376	**797,95**	3113	**903,64**	3846	**1.050,67**	4563	**1.183,66**
40	1840	1812	**724,24**	2436	**817,44**	3192	**925,84**	3944	**1.076,64**	4680	**1.213,04**

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 126,13

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop: € 180,18

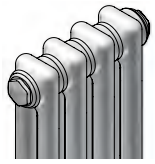
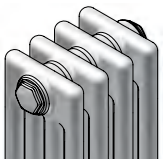
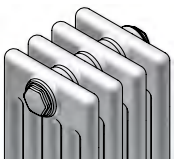
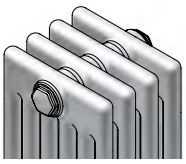
Toeslag completto[3] voor aansluiting ventiel onder, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 150,16

Let op! Leeggewicht radiator hoger dan 100 kg

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 66
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston horizontaal

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		750									
											
Model		**2075**		**3075**		**4075**		**5075**		**6075**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,25		1,26		1,27		1,29		1,30	
Prijs element €		**18,02**		**20,92**		**25,30**		**30,01**		**34,82**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	220	**101,51**	298	**113,11**	390	**130,63**	480	**149,47**	572	**168,71**
5	230	275	**119,53**	372	**134,03**	487	**155,93**	600	**179,48**	715	**203,53**
6	276	330	**137,55**	446	**154,95**	585	**181,23**	720	**209,49**	858	**238,35**
7	322	385	**155,57**	521	**175,87**	682	**206,53**	840	**239,50**	1001	**273,17**
8	368	440	**173,59**	595	**196,79**	780	**231,83**	960	**269,51**	1144	**307,99**
9	414	495	**191,61**	669	**217,71**	877	**257,13**	1080	**299,52**	1287	**342,81**
10	460	550	**209,63**	743	**238,63**	974	**282,43**	1200	**329,53**	1430	**377,63**
11	506	605	**227,65**	818	**259,55**	1072	**307,73**	1320	**359,54**	1573	**412,45**
12	552	660	**245,67**	892	**280,47**	1169	**333,03**	1440	**389,55**	1716	**447,27**
13	598	715	**263,69**	966	**301,39**	1267	**358,33**	1560	**419,56**	1859	**482,09**
14	644	770	**281,71**	1041	**322,31**	1364	**383,63**	1680	**449,57**	2002	**516,91**
15	690	825	**299,73**	1115	**343,23**	1461	**408,93**	1800	**479,58**	2145	**551,73**
16	736	880	**317,75**	1189	**364,15**	1559	**434,23**	1920	**509,59**	2288	**586,55**
17	782	935	**335,77**	1264	**385,07**	1656	**459,53**	2040	**539,60**	2431	**621,37**
18	828	990	**353,79**	1338	**405,99**	1754	**484,83**	2160	**569,61**	2574	**656,19**
19	874	1045	**371,81**	1412	**426,91**	1851	**510,13**	2280	**599,62**	2717	**691,01**
20	920	1100	**389,83**	1486	**447,83**	1948	**535,43**	2400	**629,63**	2860	**725,83**
21	966	1155	**416,26**	1561	**477,16**	2046	**569,14**	2520	**668,05**	3003	**769,06**
22	1012	1210	**434,28**	1635	**498,08**	2143	**594,44**	2640	**698,06**	3146	**803,88**
23	1058	1265	**452,30**	1709	**519,00**	2241	**619,74**	2760	**728,07**	3289	**838,70**
24	1104	1320	**470,32**	1784	**539,92**	2338	**645,04**	2880	**758,08**	3432	**873,52**
25	1150	1375	**488,34**	1858	**560,84**	2435	**670,34**	3000	**788,09**	3575	**908,34**
26	1196	1430	**506,36**	1932	**581,76**	2533	**695,64**	3120	**818,10**	3718	**943,16**
27	1242	1485	**524,38**	2007	**602,68**	2630	**720,94**	3240	**848,11**	3861	**977,98**
28	1288	1540	**542,40**	2081	**623,60**	2728	**746,24**	3360	**878,12**	4004	**1.012,80**
29	1334	1595	**560,42**	2155	**644,52**	2825	**771,54**	3480	**908,13**	4147	**1.047,62**
30	1380	1650	**578,44**	2229	**665,44**	2922	**796,84**	3600	**938,14**	4290	**1.082,44**
31	1426	1705	**596,46**	2304	**686,36**	3020	**822,14**	3720	**968,15**	4433	**1.117,26**
32	1472	1760	**614,48**	2378	**707,28**	3117	**847,44**	3840	**998,16**	4576	**1.152,08**
33	1518	1815	**632,50**	2452	**728,20**	3215	**872,74**	3960	**1.028,17**	4719	**1.186,90**
34	1564	1870	**650,52**	2527	**749,12**	3312	**898,04**	4080	**1.058,18**	4862	**1.221,72**
35	1610	1925	**668,54**	2601	**770,04**	3409	**923,34**	4200	**1.088,19**	5005	**1.256,54**
36	1656	1980	**686,56**	2675	**790,96**	3507	**948,64**	4320	**1.118,20**	5148	**1.291,36**
37	1702	2035	**704,58**	2750	**811,88**	3604	**973,94**	4440	**1.148,21**	5291	**1.326,18**
38	1748	2090	**722,60**	2824	**832,80**	3702	**999,24**	4560	**1.178,22**	5434	**1.361,00**
39	1794	2145	**740,62**	2898	**853,72**	3799	**1.024,54**	4680	**1.208,23**	5577	**1.395,82**
40	1840	2200	**758,64**	2972	**874,64**	3896	**1.049,84**	4800	**1.238,24**	5720	**1.430,64**

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 126,13

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop: € 180,18

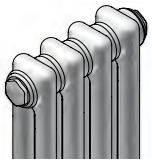
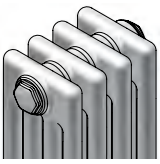
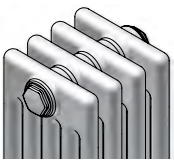
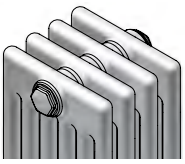
Toeslag completto[3] voor aansluiting ventiel onder, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 150,16

Let op! Leeggewicht radiator hoger dan 100 kg

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 66
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston horizontaal

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		900									
											
Model		**2090**		**3090**		**4090**		**5090**		**6090**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,25		1,27		1,28		1,30		1,31	
Prijs element €		**19,07**		**22,51**		**28,87**		**33,85**		**39,37**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	256	**105,71**	348	**119,47**	456	**144,91**	564	**164,83**	668	**186,91**
5	230	320	**124,78**	435	**141 ,98**	570	**173,78**	705	**198,68**	835	**226,28**
6	276	384	**143,85**	522	**164,49**	684	**202,65**	846	**232,53**	1002	**265,65**
7	322	448	**162,92**	609	**187,00**	798	**231,52**	987	**266,38**	1169	**305,02**
8	368	512	**181,99**	696	**209,51**	912	**260,39**	1128	**300,23**	1336	**344,39**
9	414	576	**201,06**	783	**232,02**	1026	**289,26**	1269	**334,08**	1503	**383,76**
10	460	639	**220,13**	870	**254,53**	1140	**318,13**	1410	**367,93**	1670	**423,13**
11	506	703	**239,20**	957	**277,04**	1254	**347,00**	1551	**401,78**	1837	**462,50**
12	552	767	**258,27**	1044	**299,55**	1368	**375,87**	1692	**435,63**	2004	**501,87**
13	598	831	**277,34**	1131	**322,06**	1482	**404,74**	1833	**469,48**	2171	**541,24**
14	644	895	**296,41**	1218	**344,57**	1596	**433,61**	1974	**503,33**	2338	**580,61**
15	690	959	**315,48**	1305	**367,08**	1710	**462,48**	2115	**537,18**	2505	**619,98**
16	736	1023	**334,55**	1392	**389,59**	1824	**491 ,35**	2256	**571,03**	2672	**659,35**
17	782	1087	**353,62**	1479	**412,10**	1938	**520,22**	2397	**604,88**	2839	**698,72**
18	828	1151	**372,69**	1566	**434,61**	2052	**549,09**	2538	**638,73**	3006	**738,09**
19	874	1215	**391,76**	1653	**457,12**	2166	**577,96**	2679	**672,58**	3173	**777,46**
20	920	1278	**410,83**	1740	**479,63**	2280	**606,83**	2820	**706,43**	3340	**816,83**
21	966	1342	**438,31**	1827	**510,55**	2394	**644,11**	2961	**748,69**	3507	**864,61**
22	1012	1406	**457,38**	1914	**533,06**	2508	**672,98**	3102	**782,54**	3674	**903,98**
23	1058	1470	**476,45**	2001	**555,57**	2622	**701,85**	3243	**816,39**	3841	**943,35**
24	1104	1534	**495,52**	2088	**578,08**	2736	**730,72**	3384	**850,24**	4008	**982,72**
25	1150	1598	**514,59**	2175	**600,59**	2850	**759,59**	3525	**884,09**	4175	**1.022,09**
26	1196	1662	**533,66**	2262	**623,10**	2964	**788,46**	3666	**917,94**	4342	**1.061,46**
27	1242	1726	**552,73**	2349	**645,61**	3078	**817,33**	3807	**951,79**	4509	**1.100,83**
28	1288	1790	**571,80**	2436	**668,12**	3192	**846,20**	3948	**985,64**	4676	**1.140,20**
29	1334	1854	**590,87**	2523	**690,63**	3306	**875,07**	4089	**1.019,49**	4843	**1.179,57**
30	1380	1917	**609,94**	2610	**713,14**	3420	**903,94**	4230	**1.053,34**	5010	**1.218,94**
31	1426	1981	**629,01**	2697	**735,65**	3534	**932,81**	4371	**1.087,19**	5177	**1.258,31**
32	1472	2045	**648,08**	2784	**758,16**	3648	**961,68**	4512	**1.121,04**	5344	**1.297,68**
33	1518	2109	**667,15**	2871	**780,67**	3762	**990,55**	4653	**1.154,89**	5511	**1.337,05**
34	1564	2173	**686,22**	2958	**803,18**	3876	**1.019,42**	4794	**1.188,74**	5678	**1.376,42**
35	1610	2237	**705,29**	3045	**825,69**	3990	**1.048,29**	4935	**1.222,59**	5845	**1.415,79**
36	1656	2301	**724,36**	3132	**848,20**	4104	**1.077,16**	5076	**1.256,44**	6012	**1.455,16**
37	1702	2365	**743,43**	3219	**870,71**	4218	**1.106,03**	5217	**1.290,29**	6179	**1.494,53**
38	1748	2429	**762,50**	3306	**893,22**	4332	**1.134,90**	5358	**1.324,14**	6346	**1.533,90**
39	1794	2493	**781,57**	3393	**915,73**	4446	**1.163,77**	5499	**1.357,99**	6513	**1.573,27**
40	1840	2556	**800,64**	3480	**938,24**	4560	**1.192,64**	5640	**1.391,84**	6680	**1.612,64**

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 126,13

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop: € 180,18

Toeslag completto[3] voor aansluiting ventiel onder, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 150,16

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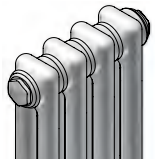
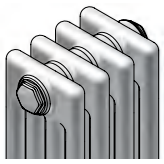
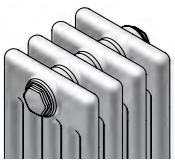
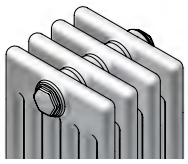
[2] Technische gegevens per element vanaf blz. 66
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston horizontaal

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		1000									
											
Model		**2100**		**3100**		**4100**		**5100**		**6100**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,25		1,27		1,29		1,30		1,31	
Prijs element €		**19,77**		**23,55**		**31,13**		**36,26**		**42,50**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	278	**108,51**	381	**123,63**	500	**153,95**	616	**174,47**	732	**199,43**
5	230	348	**128,28**	476	**147,18**	625	**185,08**	770	**210,73**	915	**241,93**
6	276	417	**148,05**	571	**170,73**	750	**216,21**	924	**246,99**	1098	**284,43**
7	322	487	**167,82**	666	**194,28**	875	**247,34**	1078	**283,25**	1281	**326,93**
8	368	556	**187,59**	761	**217,83**	1000	**278,47**	1232	**319,51**	1464	**369,43**
9	414	626	**207,36**	856	**241,38**	1125	**309,60**	1386	**355,77**	1647	**411,93**
10	460	695	**227,13**	951	**264,93**	1250	**340,73**	1540	**392,03**	1830	**454,43**
11	506	765	**246,90**	1047	**288,48**	1375	**371,86**	1694	**428,29**	2013	**496,93**
12	552	834	**266,67**	1142	**312,03**	1500	**402,99**	1848	**464,55**	2196	**539,43**
13	598	904	**286,44**	1237	**335,58**	1625	**434,12**	2002	**500,81**	2379	**581,93**
14	644	973	**306,21**	1332	**359,13**	1750	**465,25**	2156	**537,07**	2562	**624,43**
15	690	1043	**325,98**	1427	**382,68**	1875	**496,38**	2310	**573,33**	2745	**666,93**
16	736	1112	**345,75**	1522	**406,23**	2000	**527,51**	2464	**609,59**	2928	**709,43**
17	782	1182	**365,52**	1617	**429,78**	2125	**558,64**	2618	**645,85**	3111	**751,93**
18	828	1251	**385,29**	1712	**453,33**	2250	**589,77**	2772	**682,11**	3294	**794,43**
19	874	1321	**405,06**	1807	**476,88**	2375	**620,90**	2926	**718,37**	3477	**836,93**
20	920	1390	**424,83**	1902	**500,43**	2500	**652,03**	3080	**754,63**	3660	**879,43**
21	966	1460	**453,01**	1998	**532,39**	2625	**691,57**	3234	**799,30**	3843	**930,34**
22	1012	1529	**472,78**	2093	**555,94**	2750	**722,70**	3388	**835,56**	4026	**972,84**
23	1058	1599	**492,55**	2188	**579,49**	2875	**753,83**	3542	**871,82**	4209	**1.015,34**
24	1104	1668	**512,32**	2283	**603,04**	3000	**784,96**	3696	**908,08**	4392	**1.057,84**
25	1150	1738	**532,09**	2378	**626,59**	3125	**816,09**	3850	**944,34**	4575	**1.100,34**
26	1196	1807	**551,86**	2473	**650,14**	3250	**847,22**	4004	**980,60**	4758	**1.142,84**
27	1242	1877	**571,63**	2568	**673,69**	3375	**878,35**	4158	**1.016,86**	4941	**1.185,34**
28	1288	1946	**591,40**	2663	**697,24**	3500	**909,48**	4312	**1.053,12**	5124	**1.227,84**
29	1334	2016	**611,17**	2758	**720,79**	3625	**940,61**	4466	**1.089,38**	5307	**1.270,34**
30	1380	2085	**630,94**	2853	**744,34**	3750	**971,74**	4620	**1.125,64**	5490	**1.312,84**
31	1426	2155	**650,71**	2949	**767,89**	3875	**1.002,87**	4774	**1.161,90**	5673	**1.355,34**
32	1472	2224	**670,48**	3044	**791,44**	4000	**1.034,00**	4928	**1.198,16**	5856	**1.397,84**
33	1518	2294	**690,25**	3139	**814,99**	4125	**1.065,13**	5082	**1.234,42**	6039	**1.440,34**
34	1564	2363	**710,02**	3234	**838,54**	4250	**1.096,26**	5236	**1.270,68**	6222	**1.482,84**
35	1610	2433	**729,79**	3329	**862,09**	4375	**1.127,39**	5390	**1.306,94**	6405	**1.525,34**
36	1656	2502	**749,56**	3424	**885,64**	4500	**1.158,52**	5544	**1.343,20**	6588	**1.567,84**
37	1702	2572	**769,33**	3519	**909,19**	4625	**1.189,65**	5698	**1.379,46**	6771	**1.610,34**
38	1748	2641	**789,10**	3614	**932,74**	4750	**1.220,78**	5852	**1.415,72**	6954	**1.652,84**
39	1794	2711	**808,87**	3709	**956,29**	4875	**1.251,91**	6006	**1.451,98**	7137	**1.695,34**
40	1840	2780	**828,64**	3804	**979,84**	5000	**1.283,04**	6160	**1.488,24**	7320	**1.737,84**

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Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop: € 180,18

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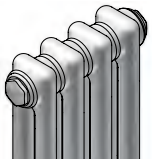
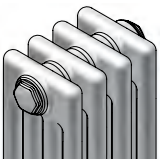
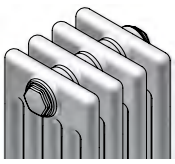
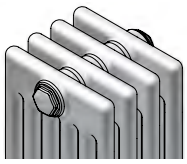
[2] Technische gegevens per element vanaf blz. 66
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston horizontaal

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		1100									
											
Model		**2110**		**3110**		**4110**		**5110**		**6110**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,25		1,28		1,29		1,31		1,32	
Prijs element €		**21,21**		**27,03**		**35,33**		**42,76**		**50,01**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	299	**114,27**	412	**137,55**	540	**170,75**	668	**200,47**	792	**229,47**
5	230	374	**135,48**	515	**164,58**	675	**206,08**	835	**243,23**	990	**279,48**
6	276	449	**156,69**	618	**191,61**	810	**241,41**	1002	**285,99**	1188	**329,49**
7	322	523	**177,90**	721	**218,64**	945	**276,74**	1169	**328,75**	1386	**379,50**
8	368	598	**199,11**	824	**245,67**	1080	**312,07**	1336	**371,51**	1584	**429,51**
9	414	673	**220,32**	927	**272,70**	1215	**347,40**	1503	**414,27**	1782	**479,52**
10	460	747	**241,53**	1030	**299,73**	1350	**382,73**	1670	**457,03**	1980	**529,53**
11	506	822	**262,74**	1133	**326,76**	1485	**418,06**	1837	**499,79**	2178	**579,54**
12	552	897	**283,95**	1236	**353,79**	1620	**453,39**	2004	**542,55**	2376	**629,55**
13	598	972	**305,16**	1339	**380,82**	1755	**488,72**	2171	**585,31**	2574	**679,56**
14	644	1046	**326,37**	1442	**407,85**	1890	**524,05**	2338	**628,07**	2772	**729,57**
15	690	1121	**347,58**	1545	**434,88**	2025	**559,38**	2505	**670,83**	2970	**779,58**
16	736	1196	**368,79**	1648	**461,91**	2160	**594,71**	2672	**713,59**	3168	**829,59**
17	782	1270	**390,00**	1751	**488,94**	2295	**630,04**	2839	**756,35**	3366	**879,60**
18	828	1345	**411,21**	1854	**515,97**	2430	**665,37**	3006	**799,11**	3564	**929,61**
19	874	1420	**432,42**	1957	**543,00**	2565	**700,7**	3173	**841,87**	3762	**979,62**
20	920	1494	**453,63**	2060	**570,03**	2700	**736,03**	3340	**884,63**	3960	**1.029,63**
21	966	1569	**483,25**	2163	**605,47**	2835	**779,77**	3507	**935,80**	4158	**1.088,05**
22	1012	1644	**504,46**	2266	**632,50**	2970	**815,10**	3674	**978,56**	4356	**1.138,06**
23	1058	1719	**525,67**	2369	**659,53**	3105	**850,43**	3841	**1.021,32**	4554	**1.188,07**
24	1104	1793	**546,88**	2472	**686,56**	3240	**885,76**	4008	**1.064,08**	4752	**1.238,08**
25	1150	1868	**568,09**	2575	**713,59**	3375	**921,09**	4175	**1.106,84**	4950	**1.288,09**
26	1196	1943	**589,30**	2678	**740,62**	3510	**956,42**	4342	**1.149,60**	5148	**1.338,10**
27	1242	2017	**610,51**	2781	**767,65**	3645	**991 ,75**	4509	**1.192,36**	5346	**1.388,11**
28	1288	2092	**631,72**	2884	**794,68**	3780	**1.027,08**	4676	**1.235,12**	5544	**1.438,12**
29	1334	2167	**652,93**	2987	**821,71**	3915	**1.062,41**	4843	**1.277,88**	5742	**1.488,13**
30	1380	2241	**674,14**	3090	**848,74**	4050	**1.097,74**	5010	**1.320,64**	5940	**1.538,14**
31	1426	2316	**695,35**	3193	**875,77**	4185	**1.133,07**	5177	**1.363,40**	6138	**1.588,15**
32	1472	2391	**716,56**	3296	**902,80**	4320	**1.168,40**	5344	**1.406,16**	6336	**1.638,16**
33	1518	2466	**737,77**	3399	**929,83**	4455	**1.203,73**	5511	**1.448,92**	6534	**1.688,17**
34	1564	2540	**758,98**	3502	**956,86**	4590	**1.239,06**	5678	**1.491,68**	6732	**1.738,18**
35	1610	2615	**780,19**	3605	**983,89**	4725	**1.274,39**	5845	**1.534,44**	6930	**1.788,19**
36	1656	2690	**801,40**	3708	**1.010,92**	4860	**1.309,72**	6012	**1.577,20**	7128	**1.838,20**
37	1702	2764	**822,61**	3811	**1.037,95**	4995	**1.345,05**	6179	**1.619,96**	7326	**1.888,21**
38	1748	2839	**843,82**	3914	**1.064,98**	5130	**1.380,38**	6346	**1.662,72**	7524	**1.938,22**
39	1794	2914	**865,03**	4017	**1.092,01**	5265	**1.415,71**	6513	**1.705,48**	7722	**1.988,23**
40	1840	2988	**886,24**	4120	**1.119,04**	5400	**1.451,04**	6680	**1.748,24**	7920	**2.038,24**

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 126,13

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop: € 180,18

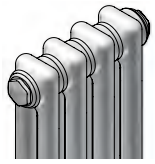
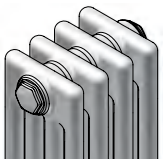
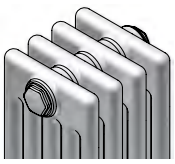
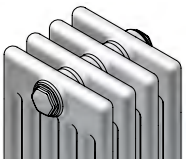
Toeslag completto[3] voor aansluiting ventiel onder, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 150,16

Let op! Leeggewicht radiator hoger dan 100 kg

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 66
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston horizontaal

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		1200									
											
Model		**2120**		**3120**		**4120**		**5120**		**6120**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,26		1,29		1,30		1,31		1,32	
Prijs element €		**23,07**		**31,13**		**39,16**		**48,46**		**56,53**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	331	**121,71**	460	**153,95**	588	**186,07**	716	**223,27**	840	**255,55**
5	230	414	**144,78**	575	**185,08**	735	**225,23**	895	**271,73**	1050	**312,08**
6	276	497	**167,85**	690	**216,21**	882	**264,39**	1074	**320,19**	1260	**368,61**
7	322	579	**190,92**	805	**247,34**	1029	**303,55**	1253	**368,65**	1470	**425,14**
8	368	662	**213,99**	920	**278,47**	1176	**342,71**	1432	**417,11**	1680	**481,67**
9	414	745	**237,06**	1035	**309,60**	1323	**381,87**	1611	**465,57**	1890	**538,20**
10	460	827	**260,13**	1150	**340,73**	1470	**421,03**	1790	**514,03**	2100	**594,73**
11	506	910	**283,20**	1265	**371,86**	1617	**480,19**	1969	**562,49**	2310	**651,26**
12	552	993	**306,27**	1380	**402,99**	1764	**499,35**	2148	**610,95**	2520	**707,79**
13	598	1076	**329,34**	1495	**434,12**	1911	**538,51**	2327	**659,41**	2730	**764,32**
14	644	1158	**352,41**	1610	**465,25**	2058	**577,67**	2506	**707,87**	2940	**820,85**
15	690	1241	**375,48**	1725	**496,38**	2205	**616,83**	2685	**756,33**	3150	**877,38**
16	736	1324	**398,55**	1840	**527,51**	2352	**655,99**	2864	**804,79**	3360	**933,91**
17	782	1406	**421,62**	1955	**558,64**	2499	**695,15**	3043	**853,25**	3570	**990,44**
18	828	1489	**444,69**	2070	**589,77**	2646	**734,31**	3222	**901,71**	3780	**1.046,97**
19	874	1572	**467,76**	2185	**620,90**	2793	**773,47**	3401	**950,17**	3990	**1.103,50**
20	920	1654	**490,83**	2300	**652,03**	2940	**812,63**	3580	**998,63**	4200	**1.160,03**
21	966	1737	**522,31**	2415	**691,57**	3087	**860,20**	3759	**1.055,50**	4410	**1.224,97**
22	1012	1820	**545,38**	2530	**722,70**	3234	**899,36**	3938	**1.103,96**	4620	**1.281,50**
23	1058	1903	**568,45**	2645	**753,83**	3381	**938,52**	4117	**1.152,42**	4830	**1.338,03**
24	1104	1985	**591,52**	2760	**784,96**	3528	**977,68**	4296	**1.200,88**	5040	**1.394,56**
25	1150	2068	**614,59**	2875	**816,09**	3675	**1.016,84**	4475	**1.249,34**	5250	**1.451,09**
26	1196	2151	**637,66**	2990	**847,22**	3822	**1.056,00**	4654	**1.297,80**	5460	**1.507,62**
27	1242	2233	**660,73**	3105	**878,35**	3969	**1.095,16**	4833	**1.346,26**	5670	**1.564,15**
28	1288	2316	**683,80**	3220	**909,48**	4116	**1.134,32**	5012	**1.394,72**	5880	**1.620,68**
29	1334	2399	**706,87**	3335	**940,61**	4263	**1.173,48**	5191	**1.443,18**	6090	**1.677,21**
30	1380	2481	**729,94**	3450	**971,74**	4410	**1.212,64**	5370	**1.491,64**	6300	**1.733,74**
31	1426	2564	**753,01**	3565	**1.002,87**	4557	**1.251,80**	5549	**1.540,10**	6510	**1.790,27**
32	1472	2647	**776,08**	3680	**1.034,00**	4704	**1.290,96**	5728	**1.588,56**	6720	**1.846,80**
33	1518	2730	**799,15**	3795	**1.065,13**	4851	**1.330,12**	5907	**1.637,02**	6930	**1.903,33**
34	1564	2812	**822,22**	3910	**1.096,26**	4998	**1.369,28**	6086	**1.685,48**	7140	**1.959,86**
35	1610	2895	**845,29**	4025	**1.127,39**	5145	**1.408,44**	6265	**1.733,94**	7350	**2.016,39**
36	1656	2978	**868,36**	4140	**1.158,52**	5292	**1.447,60**	6444	**1.782,40**	7560	**2.072,92**
37	1702	3060	**891,43**	4255	**1.189,65**	5439	**1.486,76**	6623	**1.830,86**	7770	**2.129,45**
38	1748	3143	**914,50**	4370	**1.220,78**	5586	**1.525,92**	6802	**1.879,32**	7980	**2.185,98**
39	1794	3226	**937,57**	4485	**1.251,91**	5733	**1.565,08**	6981	**1.927,78**	8190	**2.242,51**
40	1840	3308	**960,64**	4600	**1.283,04**	5880	**1.604,24**	7160	**1.976,24**	8400	**2.299,04**

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 126,13

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop: € 180,18

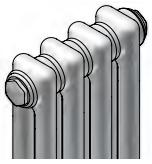
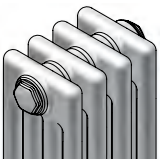
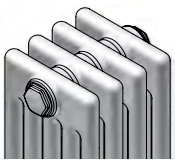
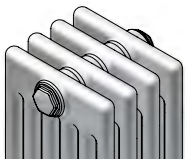
Toeslag completto[3] voor aansluiting ventiel onder, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 150,16

Let op! Leeggewicht radiator hoger dan 100 kg

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 66
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston verticaal

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		1500									
											
Model		**2150**		**3150**		**4150**		**5150**		**6150**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,28		1,31		1,31		1,32		1,32	
Prijs element €		**29,24**		**40,37**		**52,72**		**65,20**		**77,83**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	416	**212,46**	560	**256,98**	720	**306,38**	876	**356,30**	1024	**406,82**
5	230	520	**241,70**	700	**297,35**	900	**359,10**	1095	**421,50**	1280	**484,65**
6	276	624	**270,94**	840	**337,72**	1080	**411,82**	1314	**486,70**	1536	**562,48**
7	322	728	**300,18**	980	**378,09**	1260	**464,54**	1533	**551 ,90**	1792	**640,31**
8	368	832	**329,42**	1120	**418,46**	1440	**517,26**	1752	**617,10**	2048	**718,14**
9	414	936	**358,66**	1260	**458,83**	1620	**569,98**	1971	**682,30**	2304	**795,97**
10	460	1040	**387,90**	1400	**499,20**	1800	**622,70**	2190	**747,50**	2560	**873,80**
11	506	1144	**417,14**	1540	**539,57**	1980	**675,42**	2409	**812,70**	2816	**951,63**
12	552	1248	**446,38**	1680	**579,94**	2160	**728,14**	2628	**877,90**	3072	**1.029,46**
13	598	1352	**475,62**	1820	**620,31**	2340	**780,86**	2847	**943,10**	3328	**1.107,29**
14	644	1456	**504,86**	1960	**660,68**	2520	**833,58**	3066	**1.008,30**	3584	**1.185,12**
15	690	1560	**534,10**	2100	**701,05**	2700	**886,30**	3285	**1.073,50**	3840	**1.262,95**
16	736	1664	**563,34**	2240	**741,42**	2880	**939,02**	3504	**1.138,70**	4096	**1.340,78**
17	782	1768	**592,58**	2380	**781,79**	3060	**991,74**	3723	**1.203,90**	4352	**1.418,61**
18	828	1872	**621,82**	2520	**822,16**	3240	**1.044,46**	3942	**1.269,10**	4608	**1.496,44**
19	874	1976	**651,06**	2660	**862,53**	3420	**1.097,18**	4161	**1.334,30**	4864	**1.574,27**
20	920	2080	**680,30**	2800	**902,90**	3600	**1.149,90**	4380	**1.399,50**	5120	**1.652,10**
21	966	2184	**717,95**	2940	**951,68**	3780	**1.211,03**	4599	**1.473,11**	5376	**1.738,34**
22	1012	2288	**747,19**	3080	**992,05**	3960	**1.263,75**	4818	**1.538,31**	5632	**1.816,17**
23	1058	2392	**776,43**	3220	**1.032,42**	4140	**1.316,47**	5037	**1.603,51**	5888	**1.894,00**
24	1104	2496	**805,67**	3360	**1.072,79**	4320	**1.369,19**	5256	**1.668,71**	6144	**1.971,83**
25	1150	2600	**834,91**	3500	**1.113,16**	4500	**1.421,91**	5475	**1.733,91**	6400	**2.049,66**
26	1196	2704	**864,15**	3640	**1.153,53**	4680	**1.474,63**	5694	**1.799,11**	6656	**2.127,49**
27	1242	2808	**893,39**	3780	**1.193,90**	4860	**1.527,35**	5913	**1.864,31**	6912	**2.205,32**
28	1288	2912	**922,63**	3920	**1.234,27**	5040	**1.580,07**	6132	**1.929,51**	7168	**2.283,15**
29	1334	3016	**951,87**	4060	**1.274,64**	5220	**1.632,79**	6351	**1.994,71**	7424	**2.360,98**
30	1380	3120	**981,11**	4200	**1.315,01**	5400	**1.685,51**	6570	**2.059,91**	7680	**2.438,81**
31	1426	3224	**1.010,35**	4340	**1.355,38**	5580	**1.738,23**	6789	**2.125,11**	7936	**2.516,64**
32	1472	3328	**1.039,59**	4480	**1.395,75**	5760	**1.790,95**	7008	**2.190,31**	8192	**2.594,47**
33	1518	3432	**1.068,83**	4620	**1.436,12**	5940	**1.843,67**	7227	**2.255,51**	8448	**2.672,30**
34	1564	3536	**1.098,07**	4760	**1.476,49**	6120	**1.896,39**	7446	**2.320,71**	8704	**2.750,13**
35	1610	3640	**1.127,31**	4900	**1.516,86**	6300	**1.949,11**	7665	**2.385,91**	8960	**2.827,96**
36	1656	3744	**1.156,55**	5040	**1.557,23**	6480	**2.001,83**	7884	**2.451,11**	9216	**2.905,79**
37	1702	3848	**1.185,79**	5180	**1.597,60**	6660	**2.054,55**	8103	**2.516,31**	9472	**2.983,62**
38	1748	3952	**1.215,03**	5320	**1.637,97**	6840	**2.107,27**	8322	**2.581,51**	9728	**3.061,45**
39	1794	4056	**1.244,27**	5460	**1.678,34**	7020	**2.159,99**	8541	**2.646,71**	9984	**3.139,28**
40	1840	4160	**1.273,51**	5600	**1.718,71**	7200	**2.212,71**	8760	**2.711,91**	10240	**3.217,11**

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 126,13

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop: € 180,18

Toeslag completto[3] voor aansluiting ventiel onder, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 150,16

Let op! Leeggewicht radiator hoger dan 100 kg

[1] Toeslag voor kleur naar wens + 20%
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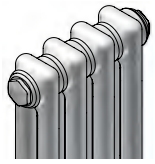
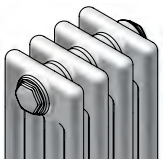
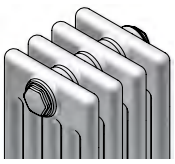
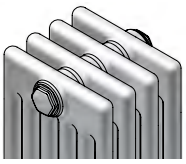
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston verticaal

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		1800									
											
Model		**2180**		**3180**		**4180**		**5180**		**6180**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,31		1,33		1,33		1,32		1,33	
Prijs element €		**33,90**		**49,68**		**63,37**		**77,48**		**92,08**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	496	**231,10**	664	**294,22**	852	**348,98**	1036	**405,42**	1212	**463,82**
5	230	620	**265,00**	830	**343,90**	1065	**412,35**	1295	**482,90**	1515	**555,90**
6	276	744	**298,90**	996	**393,58**	1278	**475,72**	1554	**560,38**	1818	**647,98**
7	322	868	**332,80**	1162	**443,26**	1491	**539,09**	1813	**637,86**	2121	**740,06**
8	368	992	**366,70**	1328	**492,94**	1704	**602,46**	2072	**715,34**	2424	**832,14**
9	414	1116	**400,60**	1494	**542,62**	1917	**665,83**	2331	**792,82**	2727	**924,22**
10	460	1240	**434,50**	1660	**592,30**	2130	**729,20**	2590	**870,30**	3030	**1.016,30**
11	506	1364	**468,40**	1826	**641,98**	2343	**792,57**	2849	**947,78**	3333	**1.108,38**
12	552	1488	**502,30**	1992	**691,66**	2556	**855,94**	3108	**1.025,26**	3636	**1.200,46**
13	598	1612	**536,20**	2158	**741,34**	2769	**919,31**	3367	**1.102,74**	3939	**1.292,54**
14	644	1736	**570,10**	2324	**791,02**	2982	**982,68**	3626	**1.160,22**	4242	**1.384,62**
15	690	1860	**604,00**	2490	**840,70**	3195	**1.046,05**	3885	**1.257,70**	4545	**1.476,70**
16	736	1984	**637,90**	2656	**890,38**	3408	**1.109,42**	4144	**1.335,18**	4848	**1.568,78**
17	782	2108	**671,80**	2822	**940,06**	3621	**1.172,79**	4403	**1.412,66**	5151	**1.660,86**
18	828	2232	**705,70**	2988	**989,74**	3834	**1.236,16**	4662	**1.490,14**	5454	**1.752,94**
19	874	2356	**739,60**	3154	**1.039,42**	4047	**1.299,53**	4921	**1.567,62**	5757	**1.845,02**
20	920	2480	**773,50**	3320	**1.089,10**	4260	**1.362,90**	5180	**1.645,10**	6060	**1.937,10**
21	966	2604	**815,81**	3486	**1.147,19**	4473	**1.434,68**	5439	**1.730,99**	6363	**2.037,59**
22	1012	2728	**849,71**	3652	**1.196,87**	4686	**1.498,05**	5698	**1.808,47**	6666	**2.129,67**
23	1058	2852	**883,61**	3818	**1.246,55**	4899	**1.561,42**	5957	**1.885,95**	6969	**2.221,75**
24	1104	2976	**917,51**	3984	**1.296,23**	5112	**1.624,79**	6216	**1.963,43**	7272	**2.313,83**
25	1150	3100	**951,41**	4150	**1.345,91**	5325	**1.688,16**	6475	**2.040,91**	7575	**2.405,91**
26	1196	3224	**985,31**	4316	**1.395,59**	5538	**1.751,53**	6734	**2.118,39**	7878	**2.497,99**
27	1242	3348	**1.019,21**	4482	**1.445,27**	5751	**1.814,90**	6993	**2.195,87**	8181	**2.590,07**
28	1288	3472	**1.053,11**	4648	**1.494,95**	5964	**1.878,27**	7252	**2.273,35**	8484	**2.682,15**
29	1334	3596	**1.087,01**	4814	**1.544,63**	6177	**1.941,64**	7511	**2.350,83**	8787	**2.774,23**
30	1380	3720	**1.120,91**	4980	**1.594,31**	6390	**2.005,01**	7770	**2.428,31**	9090	**2.866,31**
31	1426	3844	**1.154,81**	5146	**1.643,99**	6603	**2.068,38**	8029	**2.505,79**	9393	**2.958,39**
32	1472	3968	**1.188,71**	5312	**1.693,67**	6816	**2.131,75**	8288	**2.583,27**	9696	**3.050,47**
33	1518	4092	**1.222,61**	5478	**1.743,35**	7029	**2.195,12**	8547	**2.660,75**	9999	**3.142,55**
34	1564	4216	**1.256,51**	5644	**1.793,03**	7242	**2.258,49**	8806	**2.738,23**	10302	**3.234,63**
35	1610	4340	**1.290,41**	5810	**1.842,71**	7455	**2.321,86**	9065	**2.815,71**	10605	**3.326,71**
36	1656	4464	**1.324,31**	5976	**1.892,39**	7668	**2.385,23**	9324	**2.893,19**	10908	**3.418,79**
37	1702	4588	**1.358,21**	6142	**1.942,07**	7881	**2.448,60**	9583	**2.970,67**	11211	**3.510,87**
38	1748	4712	**1.392,11**	6308	**1.991,75**	8094	**2.511,97**	9842	**3.048,15**	11514	**3.602,95**
39	1794	4836	**1.426,01**	6474	**2.041,43**	8307	**2.575,34**	10101	**3.125,63**	11817	**3.695,03**
40	1840	4960	**1.459,91**	6640	**2.091,11**	8520	**2.638,71**	10360	**3.203,11**	12120	**3.787,11**

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[3] Aansluitingen voor completto, zie blz. 59
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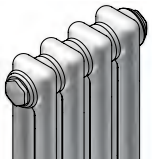
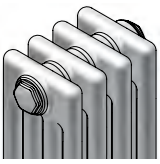
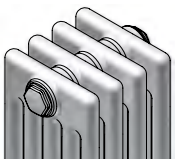
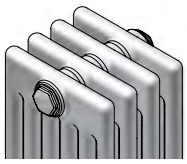
Zehnder Charleston verticaal

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		2000									
											
Model		**2200**		**3200**		**4200**		**5200**		**6200**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,31		1,33		1,32		1,32		1,32	
Prijs element €		**37,89**		**53,38**		**69,96**		**86,57**		**102,39**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	552	**247,06**	732	**309,02**	936	**375,34**	1140	**441,78**	1336	**505,06**
5	230	690	**284,95**	915	**362,40**	1170	**445,30**	1425	**528,35**	1670	**607,45**
6	276	828	**322,84**	1098	**415,78**	1404	**515,26**	1710	**614,92**	2004	**709,84**
7	322	966	**360,73**	1281	**469,16**	1638	**585,22**	1995	**701,49**	2338	**812,23**
8	368	1104	**398,62**	1464	**522,54**	1872	**655,18**	2280	**788,06**	2672	**914,62**
9	414	1242	**436,51**	1647	**575,92**	2106	**725,14**	2565	**874,63**	3006	**1.017,01**
10	460	1380	**474,40**	1830	**629,30**	2340	**795,10**	2850	**961,20**	3340	**1.119,40**
11	506	1518	**512,29**	2013	**682,68**	2574	**865,06**	3135	**1.047,77**	3674	**1.221,79**
12	552	1656	**550,18**	2196	**736,06**	2808	**935,02**	3420	**1.134,34**	4008	**1.324,18**
13	598	1794	**588,07**	2379	**789,44**	3042	**1.004,98**	3705	**1.220,91**	4342	**1.426,57**
14	644	1932	**625,96**	2562	**842,82**	3276	**1.074,94**	3990	**1.307,48**	4676	**1.528,96**
15	690	2070	**663,85**	2745	**896,20**	3510	**1.144,90**	4275	**1.394,05**	5010	**1.631,35**
16	736	2208	**701,74**	2928	**949,58**	3744	**1.214,86**	4560	**1.480,62**	5344	**1.733,74**
17	782	2346	**739,63**	3111	**1.002,96**	3978	**1.284,82**	4845	**1.567,19**	5678	**1.836,13**
18	828	2484	**777,52**	3294	**1.056,34**	4212	**1.354,78**	5130	**1.653,76**	6012	**1.938,52**
19	874	2622	**815,41**	3477	**1.109,72**	4446	**1.424,74**	5415	**1.740,33**	6346	**2.040,91**
20	920	2760	**853,30**	3660	**1.163,10**	4680	**1.494,70**	5700	**1.826,90**	6680	**2.143,30**
21	966	2898	**899,60**	3843	**1.224,89**	4914	**1.573,07**	5985	**1.921,88**	7014	**2.254,10**
22	1012	3036	**937,49**	4026	**1.278,27**	5148	**1.643,03**	6270	**2.008,45**	7348	**2.356,49**
23	1058	3174	**975,38**	4209	**1.331,65**	5382	**1.712,99**	6555	**2.095,02**	7682	**2.458,88**
24	1104	3312	**1.013,27**	4392	**1.385,03**	5616	**1.782,95**	6840	**2.181,59**	8016	**2.561,27**
25	1150	3450	**1.051,16**	4575	**1.438,41**	5850	**1.852,91**	7125	**2.268,16**	8350	**2.663,66**
26	1196	3588	**1.089,05**	4758	**1.491,79**	6084	**1.922,87**	7410	**2.354,73**	8684	**2.766,05**
27	1242	3726	**1.126,94**	4941	**1.545,17**	6318	**1.992,83**	7695	**2.441,30**	9018	**2.868,44**
28	1288	3864	**1.164,83**	5124	**1.598,55**	6552	**2.062,79**	7980	**2.527,87**	9352	**2.970,83**
29	1334	4002	**1.202,72**	5307	**1.651,93**	6786	**2.132,75**	8265	**2.614,44**	9686	**3.073,22**
30	1380	4140	**1.240,61**	5490	**1.705,31**	7020	**2.202,71**	8550	**2.701,01**	10020	**3.175,61**
31	1426	4278	**1.278,50**	5673	**1.758,69**	7254	**2.272,67**	8835	**2.787,58**	10354	**3.278,00**
32	1472	4416	**1.316,39**	5856	**1.812,07**	7488	**2.342,63**	9120	**2.874,15**	10688	**3.380,39**
33	1518	4554	**1.354,28**	6039	**1.865,45**	7722	**2.412,59**	9405	**2.960,72**	11022	**3.482,78**
34	1564	4692	**1.392,17**	6222	**1.918,83**	7956	**2.482,55**	9690	**3.047,29**	11356	**3.585,17**
35	1610	4830	**1.430,06**	6405	**1.972,21**	8190	**2.552,51**	9975	**3.133,86**	11690	**3.687,56**
36	1656	4968	**1.467,95**	6588	**2.025,59**	8424	**2.622,47**	10260	**3.220,43**	12024	**3.789,95**
37	1702	5106	**1.505,84**	6771	**2.078,97**	8658	**2.692,43**	10545	**3.307,00**	12358	**3.892,34**
38	1748	5244	**1.543,73**	6954	**2.132,35**	8892	**2.762,39**	10830	**3.393,57**	12692	**3.994,73**
39	1794	5382	**1.581,62**	7137	**2.185,73**	9126	**2.832,35**	11115	**3.480,14**	13026	**4.097,12**
40	1840	5520	**1.619,51**	7320	**2.239,11**	9360	**2.902,31**	11400	**3.566,71**	13360	**4.199,51**

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[1] Toeslag voor kleur naar wens + 20%
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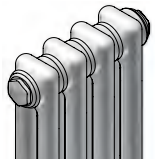
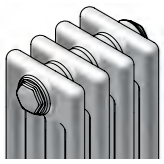
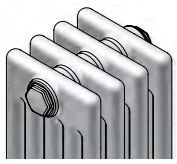
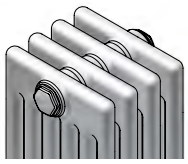
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston verticaal

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		2200									
											
Model		**2220**		**3220**		**4220**		**5220**		**6220**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,31		1,32		1,32		1,31		1,32	
Prijs element €		**42,58**		**60,32**		**78,05**		**95,86**		**112,89**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	604	**265,82**	800	**336,78**	1024	**407,7**	1248	**478,94**	1460	**547,06**
5	230	755	**308,40**	1000	**397,10**	1280	**485,75**	1560	**574,80**	1825	**659,95**
6	276	906	**350,98**	1200	**457,42**	1536	**563,80**	1872	**670,66**	2190	**772,84**
7	322	1057	**393,56**	1400	**517,74**	1792	**641,85**	2184	**766,52**	2555	**885,73**
8	368	1208	**436,14**	1600	**578,06**	2048	**719,90**	2496	**862,38**	2920	**998,62**
9	414	1359	**478,72**	1800	**638,38**	2304	**797,95**	2808	**958,24**	3285	**1.111,51**
10	460	1510	**521,30**	2000	**698,70**	2560	**876,00**	3120	**1.054,10**	3650	**1.224,40**
11	506	1661	**563,88**	2200	**759,02**	2816	**954,05**	3432	**1.149,96**	4015	**1.337,29**
12	552	1812	**606,46**	2400	**819,34**	3072	**1.032,10**	3744	**1.245,82**	4380	**1.450,18**
13	598	1963	**649,04**	2600	**879,66**	3328	**1.110,15**	4056	**1.341,68**	4745	**1.563,07**
14	644	2114	**691,62**	2800	**939,98**	3584	**1.188,20**	4368	**1.437,54**	5110	**1.675,96**
15	690	2265	**734,20**	3000	**1.000,30**	3840	**1.266,25**	4680	**1.533,40**	5475	**1.788,85**
16	736	2416	**776,78**	3200	**1.060,62**	4096	**1.344,30**	4992	**1.629,26**	5840	**1.901,74**
17	782	2567	**819,36**	3400	**1.120,94**	4352	**1.422,35**	5304	**1.725,12**	6205	**2.014,63**
18	828	2718	**861,94**	3600	**1.181,26**	4608	**1.500,40**	5616	**1.820,98**	6570	**2.127,52**
19	874	2869	**904,52**	3800	**1.241,58**	4864	**1.578,45**	5928	**1.916,84**	6935	**2.240,41**
20	920	3020	**947,10**	4000	**1.301,90**	5120	**1.656,50**	6240	**2.012,70**	7300	**2.353,30**
21	966	3171	**998,09**	4200	**1.370,63**	5376	**1.742,96**	6552	**2.116,97**	7665	**2.474,60**
22	1012	3322	**1.040,67**	4400	**1.430,95**	5632	**1.821,01**	6864	**2.212,83**	8030	**2.587,49**
23	1058	3473	**1.083,25**	4600	**1.491,27**	5888	**1.899,06**	7176	**2.308,69**	8395	**2.700,38**
24	1104	3624	**1.125,83**	4800	**1.551,59**	6144	**1.977,11**	7488	**2.404,55**	8760	**2.813,27**
25	1150	3775	**1.168,41**	5000	**1.611,91**	6400	**2.055,16**	7800	**2.500,41**	9125	**2.926,16**
26	1196	3926	**1.210,99**	5200	**1.672,23**	6656	**2.133,21**	8112	**2.596,27**	9490	**3.039,05**
27	1242	4077	**1.253,57**	5400	**1.732,55**	6912	**2.211,26**	8424	**2.692,13**	9855	**3.151,94**
28	1288	4228	**1.296,15**	5600	**1.792,87**	7168	**2.289,31**	8736	**2.787,99**	10220	**3.264,83**
29	1334	4379	**1.338,73**	5800	**1.853,19**	7424	**2.367,36**	9048	**2.883,85**	10585	**3.377,72**
30	1380	4530	**1.381,31**	6000	**1.913,51**	7680	**2.445,41**	9360	**2.979,71**	10950	**3.490,61**
31	1426	4681	**1.423,89**	6200	**1.973,83**	7936	**2.523,46**	9672	**3.075,57**	11315	**3.603,50**
32	1472	4832	**1.466,47**	6400	**2.034,15**	8192	**2.601,51**	9984	**3.171,43**	11680	**3.716,39**
33	1518	4983	**1.509,05**	6600	**2.094,47**	8448	**2.679,56**	10296	**3.267,29**	12045	**3.829,28**
34	1564	5134	**1.551,63**	6800	**2.154,79**	8704	**2.757,61**	10608	**3.363,15**	12410	**3.942,17**
35	1610	5285	**1.594,21**	7000	**2.215,11**	8960	**2.835,66**	10920	**3.459,01**	12775	**4.055,06**
36	1656	5436	**1.636,79**	7200	**2.275,43**	9216	**2.913,71**	11232	**3.554,87**	13140	**4.167,95**
37	1702	5587	**1.679,37**	7400	**2.335,75**	9472	**2.991,76**	11544	**3.650,73**	13505	**4.280,84**
38	1748	5738	**1.721,95**	7600	**2.396,07**	9728	**3.069,81**	11856	**3.746,59**	13870	**4.393,73**
39	1794	5889	**1.764,53**	7800	**2.456,39**	9984	**3.147,86**	12168	**3.842,45**	14235	**4.506,62**
40	1840	6040	**1.807,11**	8000	**2.516,71**	10240	**3.225,91**	12480	**3.938,31**	14600	**4.619,51**

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 126,13

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop: € 180,18

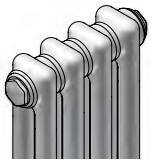
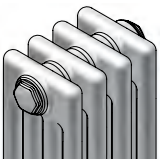
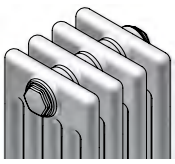
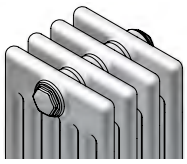
Toeslag completto[3] voor aansluiting ventiel onder, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 150,16

Let op! Leeggewicht radiator hoger dan 100 kg

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 66
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston verticaal

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		2500									
											
Model		**2250**		**3250**		**4250**		**5250**		**6250**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,30		1,32		1,31		1,31		1,32	
Prijs element €		**47,96**		**68,40**		**88,06**		**107,63**		**128,09**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	684	**287,34**	900	**369,10**	1156	**447,74**	1408	**526,02**	1648	**607,86**
5	230	855	**335,30**	1125	**437,50**	1445	**535,80**	1760	**633,65**	2060	**735,95**
6	276	1026	**383,26**	1350	**505,90**	1734	**623,86**	2112	**741,28**	2472	**864,04**
7	322	1197	**431,22**	1575	**574,30**	2023	**711,92**	2464	**848,91**	2884	**992,13**
8	368	1368	**479,18**	1800	**642,70**	2312	**799,98**	2816	**956,54**	3296	**1.120,22**
9	414	1539	**527,14**	2025	**711,10**	2601	**888,04**	3168	**1.064,17**	3708	**1.248,31**
10	460	1710	**575,10**	2250	**779,50**	2890	**976,10**	3520	**1.171,80**	4120	**1.376,40**
11	506	1881	**623,06**	2475	**847,90**	3179	**1.064,16**	3872	**1.279,43**	4532	**1.504,49**
12	552	2052	**671,02**	2700	**916,30**	3468	**1.152,22**	4224	**1.387,06**	4944	**1.632,58**
13	598	2223	**718,98**	2925	**984,70**	3757	**1.240,28**	4576	**1.494,69**	5356	**1.760,67**
14	644	2394	**766,94**	3150	**1.053,10**	4046	**1.328,34**	4928	**1.602,32**	5768	**1.888,76**
15	690	2565	**814,90**	3375	**1.121,50**	4335	**1.416,40**	5280	**1.709,95**	6180	**2.016,85**
16	736	2736	**862,86**	3600	**1.189,90**	4624	**1.504,46**	5632	**1.817,58**	6592	**2.144,94**
17	782	2907	**910,82**	3825	**1.258,30**	4913	**1.592,52**	5984	**1.925,21**	7004	**2.273,03**
18	828	3078	**958,78**	4050	**1.326,70**	5202	**1.680,58**	6336	**2.032,84**	7416	**2.401,12**
19	874	3249	**1.006,74**	4275	**1.395,10**	5491	**1.768,64**	6688	**2.140,47**	7828	**2.529,21**
20	920	3420	**1.054,70**	4500	**1.463,50**	5780	**1.856,70**	7040	**2.248,10**	8240	**2.657,30**
21	966	3591	**1.111,07**	4725	**1.540,31**	6069	**1.953,17**	7392	**2.364,14**	8652	**2.793,80**
22	1012	3762	**1.159,03**	4950	**1.608,71**	6358	**2.041,23**	7744	**2.471,77**	9064	**2.921,89**
23	1058	3933	**1.206,99**	5175	**1.677,11**	6647	**2.129,29**	8096	**2.579,40**	9476	**3.049,98**
24	1104	4104	**1.254,95**	5400	**1.745,51**	6936	**2.217,35**	8448	**2.687,03**	9888	**3.178,07**
25	1150	4275	**1.302,91**	5625	**1.813,91**	7225	**2.305,41**	8800	**2.794,66**	10300	**3.306,16**
26	1196	4446	**1.350,87**	5850	**1.882,31**	7514	**2.393,47**	9152	**2.902,29**	10712	**3.434,25**
27	1242	4617	**1.398,83**	6075	**1.950,71**	7803	**2.481,53**	9504	**3.009,92**	11124	**3.562,34**
28	1288	4788	**1.446,79**	6300	**2.019,11**	8092	**2.569,59**	9856	**3.117,55**	11536	**3.690,43**
29	1334	4959	**1.494,75**	6525	**2.087,51**	8381	**2.657,65**	10208	**3.225,18**	11948	**3.818,52**
30	1380	5130	**1.542,71**	6750	**2.155,91**	8670	**2.745,71**	10560	**3.332,81**	12360	**3.946,61**
31	1426	5301	**1.590,67**	6975	**2.224,31**	8959	**2.833,77**	10912	**3.440,44**	12772	**4.074,70**
32	1472	5472	**1.638,63**	7200	**2.292,71**	9248	**2.921,83**	11264	**3.548,07**	13184	**4.202,79**
33	1518	5643	**1.686,59**	7425	**2.361,11**	9537	**3.009,89**	11616	**3.655,70**	13596	**4.330,88**
34	1564	5814	**1.734,55**	7650	**2.429,51**	9826	**3.097,95**	11968	**3.763,33**	14008	**4.458,97**
35	1610	5985	**1.782,51**	7875	**2.497,91**	10115	**3.186,01**	12320	**3.870,96**	14420	**4.587,06**
36	1656	6156	**1.830,47**	8100	**2.566,31**	10404	**3.274,07**	12672	**3.978,59**	14832	**4.715,15**
37	1702	6327	**1.878,43**	8325	**2.634,71**	10693	**3.362,13**	13024	**4.086,22**	15244	**4.843,24**
38	1748	6498	**1.926,39**	8550	**2.703,11**	10982	**3.450,19**	13376	**4.193,85**	15656	**4.971,33**
39	1794	6669	**1.974,35**	8775	**2.771,51**	11271	**3.538,25**	13728	**4.301,48**	16068	**5.099,42**
40	1840	6840	**2.022,31**	9000	**2.839,91**	11560	**3.626,31**	14080	**4.409,11**	16480	**5.227,51**

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 126,13

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop: € 180,18

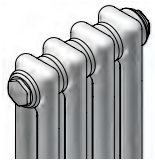
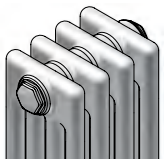
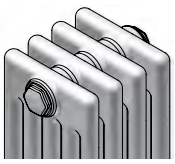
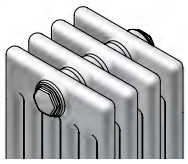
Toeslag completto[3] voor aansluiting ventiel onder, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 150,16

Let op! Leeggewicht radiator hoger dan 100 kg

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 66
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston verticaal

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		2800									
											
Model		**2280**		**3280**		**4280**		**5280**		**6280**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,30		1,30		1,30		1,30		1,30	
Prijs element €		**52,58**		**76,77**		**99,54**		**119,42**		**143,60**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	756	**305,82**	1004	**402,58**	1292	**493,66**	1568	**573,18**	1836	**669,90**
5	230	945	**358,40**	1255	**479,35**	1615	**593,20**	1960	**692,60**	2295	**813,50**
6	276	1134	**410,98**	1506	**556,12**	1938	**692,74**	2352	**812,02**	2754	**957,10**
7	322	1323	**463,56**	1757	**632,89**	2261	**792,28**	2744	**931,44**	3213	**1.100,70**
8	368	1512	**516,14**	2008	**709,66**	2584	**891,82**	3136	**1.050,86**	3672	**1.244,30**
9	414	1701	**568,72**	2259	**786,43**	2907	**991,36**	3528	**1.170,28**	4131	**1.387,90**
10	460	1890	**621,30**	2510	**863,20**	3230	**1.090,90**	3920	**1.289,70**	4590	**1.531,50**
11	506	2079	**673,88**	2761	**939,97**	3553	**1.190,44**	4312	**1.409,12**	5049	**1.675,10**
12	552	2268	**726,46**	3012	**1.016,74**	3876	**1.289,98**	4704	**1.528,54**	5508	**1.818,70**
13	598	2457	**779,04**	3263	**1.093,51**	4199	**1.389,52**	5096	**1.647,96**	5967	**1.962,30**
14	644	2646	**831,62**	3514	**1.170,28**	4522	**1.489,06**	5488	**1.767,38**	6426	**2.105,90**
15	690	2835	**884,20**	3765	**1.247,05**	4845	**1.588,60**	5880	**1.886,80**	6885	**2.249,50**
16	736	3024	**936,78**	4016	**1.323,82**	5168	**1.688,14**	6272	**2.006,22**	7344	**2.393,10**
17	782	3213	**989,36**	4267	**1.400,59**	5491	**1.787,68**	6664	**2.125,64**	7803	**2.536,70**
18	828	3402	**1.041,94**	4518	**1.477,36**	5814	**1.887,22**	7056	**2.245,06**	8262	**2.680,30**
19	874	3591	**1.094,52**	4769	**1.554,13**	6137	**1.986,76**	7448	**2.364,48**	8721	**2.823,90**
20	920	3780	**1.147,10**	5020	**1.630,90**	6460	**2.086,30**	7840	**2.483,90**	9180	**2.967,50**
21	966	3969	**1.208,09**	5271	**1.716,08**	6783	**2.194,25**	8232	**2.611,73**	9639	**3.119,51**
22	1012	4158	**1.260,67**	5522	**1.792,85**	7106	**2.293,79**	8624	**2.731,15**	10098	**3.263,11**
23	1058	4347	**1.313,25**	5773	**1.869,62**	7429	**2.393,33**	9016	**2.850,57**	10557	**3.406,71**
24	1104	4536	**1.365,83**	6024	**1.946,39**	7752	**2.492,87**	9408	**2.969,99**	11016	**3.550,31**
25	1150	4725	**1.418,41**	6275	**2.023,16**	8075	**2.592,41**	9800	**3.089,41**	11475	**3.693,91**
26	1196	4914	**1.470,99**	6526	**2.099,93**	8398	**2.691,95**	10192	**3.208,83**	11934	**3.837,51**
27	1242	5103	**1.523,57**	6777	**2.176,70**	8721	**2.791,49**	10584	**3.328,25**	12393	**3.981,11**
28	1288	5292	**1.576,15**	7028	**2.253,47**	9044	**2.891,03**	10976	**3.447,67**	12852	**4.124,71**
29	1334	5481	**1.628,73**	7279	**2.330,24**	9367	**2.990,57**	11368	**3.567,09**	13311	**4.268,31**
30	1380	5670	**1.681,31**	7530	**2.407,01**	9690	**3.090,11**	11760	**3.686,51**	13770	**4.411,91**
31	1426	5859	**1.733,89**	7781	**2.483,78**	10013	**3.189,65**	12152	**3.805,93**	14229	**4.555,51**
32	1472	6048	**1.786,47**	8032	**2.560,55**	10336	**3.289,19**	12544	**3.925,35**	14688	**4.699,11**
33	1518	6237	**1.839,05**	8283	**2.637,32**	10659	**3.388,73**	12936	**4.044,77**	15147	**4.842,71**
34	1564	6426	**1.891,63**	8534	**2.714,09**	10982	**3.488,27**	13328	**4.164,19**	15606	**4.986,31**
35	1610	6615	**1.944,21**	8785	**2.790,86**	11305	**3.587,81**	13720	**4.283,61**	16065	**5.129,91**
36	1656	6804	**1.996,79**	9036	**2.867,63**	11628	**3.687,35**	14112	**4.403,03**	16524	**5.273,51**
37	1702	6993	**2.049,37**	9287	**2.944,40**	11951	**3.786,89**	14504	**4.522,45**	16983	**5.417,11**
38	1748	7182	**2.101,95**	9538	**3.021,17**	12274	**3.886,43**	14896	**4.641,87**	17442	**5.560,71**
39	1794	7371	**2.154,53**	9789	**3.097,94**	12597	**3.985,97**	15288	**4.761,29**	17901	**5.704,31**
40	1840	7560	**2.207,11**	10040	**3.174,71**	12920	**4.085,51**	15680	**4.880,71**	18360	**5.847,91**

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 126,13

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop: € 180,18

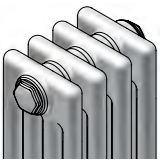
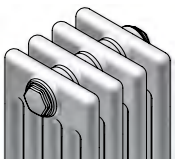
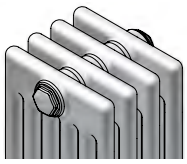
Toeslag completto[3] voor aansluiting ventiel onder, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 150,16

Let op! Leeggewicht radiator hoger dan 100 kg

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 66
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston verticaal

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		3000									
											
Model		**2300**		**3300**		**4300**		**5300**		**6300**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,30		1,30		1,30		1,30		1,30	
Prijs element €		**55,40**		**82,38**		**105,79**		**127,78**		**152,63**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	804	**317,10**	1076	**425,02**	1380	**518,66**	1680	**606,62**	1964	**706,02**
5	230	1005	**372,50**	1345	**507,40**	1725	**624,45**	2100	**734,40**	2455	**858,65**
6	276	1206	**427,90**	1614	**589,78**	2070	**730,24**	2520	**862,18**	2946	**1.011,28**
7	322	1407	**483,30**	1883	**672,16**	2415	**836,03**	2940	**989,96**	3437	**1.163,91**
8	368	1608	**538,70**	2152	**754,54**	2760	**941,82**	3360	**1.117,74**	3928	**1.316,54**
9	414	1809	**594,10**	2421	**836,92**	3105	**1.047,61**	3780	**1.245,52**	4419	**1.469,17**
10	460	2010	**649,50**	2690	**919,30**	3450	**1.153,40**	4200	**1.373,30**	4910	**1.621,80**
11	506	2211	**704,90**	2959	**1.001,68**	3795	**1.259,19**	4620	**1.501,08**	5401	**1.774,43**
12	552	2412	**760,30**	3228	**1.084,06**	4140	**1.364,98**	5040	**1.628,86**	5892	**1.927,06**
13	598	2613	**815,70**	3497	**1.166,44**	4485	**1.470,77**	5460	**1.756,64**	6383	**2.079,69**
14	644	2814	**871,10**	3766	**1.248,82**	4830	**1.576,56**	5880	**1.884,42**	6874	**2.232,32**
15	690	3015	**926,50**	4035	**1.331,20**	5175	**1.682,35**	6300	**2.012,20**	7365	**2.384,95**
16	736	3216	**981,90**	4304	**1.413,58**	5520	**1.788,14**	6720	**2.139,98**	7856	**2.537,58**
17	782	3417	**1.037,30**	4573	**1.495,96**	5865	**1.893,93**	7140	**2.267,76**	8347	**2.690,21**
18	828	3618	**1.092,70**	4842	**1.578,34**	6210	**1.999,72**	7560	**2.395,54**	8838	**2.842,84**
19	874	3819	**1.148,10**	5111	**1.660,72**	6555	**2.105,51**	7980	**2.523,32**	9329	**2.995,47**
20	920	4020	**1.203,50**	5380	**1.743,10**	6900	**2.211,30**	8400	**2.651,10**	9820	**3.148,10**
21	966	4221	**1.267,31**	5649	**1.833,89**	7245	**2.325,50**	8820	**2.787,29**	10311	**3.309,14**
22	1012	4422	**1.322,71**	5918	**1.916,27**	7590	**2.431,29**	9240	**2.915,07**	10802	**3.461,77**
23	1058	4623	**1.378,11**	6187	**1.998,65**	7935	**2.537,08**	9660	**3.042,85**	11293	**3.614,40**
24	1104	4824	**1.433,51**	6456	**2.081,03**	8280	**2.642,87**	10080	**3.170,63**	11784	**3.767,03**
25	1150	5025	**1.488,91**	6725	**2.163,41**	8625	**2.748,66**	10500	**3.298,41**	12275	**3.919,66**
26	1196	5226	**1.544,31**	6994	**2.245,79**	8970	**2.854,45**	10920	**3.426,19**	12766	**4.072,29**
27	1242	5427	**1.599,71**	7263	**2.328,17**	9315	**2.960,24**	11340	**3.553,97**	13257	**4.224,92**
28	1288	5628	**1.655,11**	7532	**2.410,55**	9660	**3.066,03**	11760	**3.681,75**	13748	**4.377,55**
29	1334	5829	**1.710,51**	7801	**2.492,93**	10005	**3.171,82**	12180	**3.809,53**	14239	**4.530,18**
30	1380	6030	**1.765,91**	8070	**2.575,31**	10350	**3.277,61**	12600	**3.937,31**	14730	**4.682,81**
31	1426	6231	**1.821,31**	8339	**2.657,69**	10695	**3.383,40**	13020	**4.065,09**	15221	**4.835,44**
32	1472	6432	**1.876,71**	8608	**2.740,07**	11040	**3.489,19**	13440	**4.192,87**	15712	**4.988,07**
33	1518	6633	**1.932,11**	8877	**2.822,45**	11385	**3.594,98**	13860	**4.320,65**	16203	**5.140,70**
34	1564	6834	**1.987,51**	9146	**2.904,83**	11730	**3.700,77**	14280	**4.448,43**	16694	**5.293,33**
35	1610	7035	**2.042,91**	9415	**2.987,21**	12075	**3.806,56**	14700	**4.576,21**	17185	**5.445,96**
36	1656	7236	**2.098,31**	9684	**3.069,59**	12420	**3.912,35**	15120	**4.703,99**	17676	**5.598,59**
37	1702	7437	**2.153,71**	9953	**3.151,97**	12765	**4.018,14**	15540	**4.831,77**	18167	**5.751,22**
38	1748	7638	**2.209,11**	10222	**3.234,35**	13110	**4.123,93**	15960	**4.959,55**	18658	**5.903,85**
39	1794	7839	**2.264,51**	10491	**3.316,73**	13455	**4.229,72**	16380	**5.087,33**	19149	**6.056,48**
40	1840	8040	**2.319,91**	10760	**3.399,11**	13800	**4.335,51**	16800	**5.215,11**	19640	**6.209,11**

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 126,13

Toeslag completto[3] voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop: € 180,18

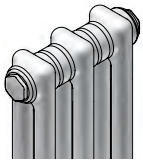
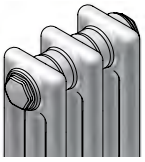
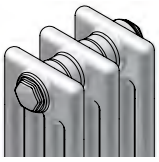
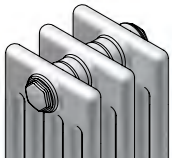
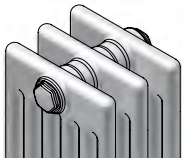
Toeslag completto[3] voor aansluiting ventiel onder, aansluiting onder gelijkzijdig - zonder thermostaatkop: € 150,16

Let op! Leeggewicht radiator hoger dan 100 kg

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 66
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston Klinik

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		190									
											
Model		**K2019**		**K3019**		**K4019**		**K5019**		**K6019**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,30		1,26		1,26		1,26		1,27	
Prijs element €		**32,18**		**36,32**		**40,34**		**48,36**		**56,45**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	241	69	**158,16**	94	**174,73**	127	**190,83**	156	**222,87**	184	**255,26**
5	306	86	**190,34**	118	**211,05**	159	**231,18**	194	**271,23**	229	**311,71**
6	371	104	**222,53**	141	**247,38**	191	**271,53**	233	**319,59**	275	**368,17**
7	436	121	**254,71**	165	**283,70**	222	**311,88**	272	**367,95**	321	**424,62**
8	501	138	**286,89**	188	**320,03**	254	**352,23**	311	**416,31**	367	**481,08**
9	566	155	**319,08**	212	**356,35**	286	**392,57**	350	**464,67**	413	**537,54**
10	631	172	**351,26**	235	**392,68**	317	**432,92**	388	**513,03**	458	**593,99**
11	696	190	**383,44**	259	**429,00**	349	**473,27**	427	**561,39**	504	**650,45**
12	761	207	**415,62**	282	**465,33**	381	**513,62**	466	**609,75**	550	**706,91**
13	826	224	**447,81**	306	**501,65**	413	**553,97**	505	**658,11**	596	**763,36**
14	891	241	**479,99**	329	**537,97**	444	**594,32**	544	**706,47**	642	**819,82**
15	956	258	**512,17**	353	**574,30**	476	**634,67**	582	**754,83**	687	**876,28**
16	1021	276	**544,35**	376	**610,62**	508	**675,02**	621	**803,19**	733	**932,73**
17	1086	293	**576,54**	400	**646,95**	539	**715,37**	660	**851,55**	779	**989,19**
18	1151	310	**608,72**	423	**683,27**	571	**755,72**	699	**899,91**	825	**1.045,65**
19	1216	327	**640,90**	447	**719,60**	603	**796,07**	738	**948,27**	871	**1.102,10**
20	1281	344	**673,09**	470	**755,92**	634	**836,42**	776	**996,63**	916	**1.158,56**
21	1346	362	**705,27**	494	**792,25**	666	**876,77**	815	**1.044,99**	962	**1.215,01**
22	1411	379	**737,45**	517	**828,57**	698	**917,12**	854	**1.093,35**	1008	**1.271,47**
23	1476	396	**778,04**	541	**873,31**	730	**965,88**	893	**1.150,12**	1054	**1.336,34**
24	1541	413	**810,23**	564	**909,63**	761	**1.006,23**	932	**1.198,48**	1100	**1.392,79**
25	1606	430	**842,41**	588	**945,96**	793	**1.046,58**	970	**1.246,84**	1145	**1.449,25**
26	1671	448	**874,59**	611	**982,28**	825	**1.086,92**	1009	**1.295,20**	1191	**1.505,71**
27	1736	465	**906,78**	635	**1.018,60**	856	**1.127,27**	1048	**1.343,56**	1237	**1.562,16**
28	1801	482	**938,96**	658	**1.054,93**	888	**1.167,62**	1087	**1.391,92**	1283	**1.618,62**
29	1866	499	**971,14**	682	**1.091,25**	920	**1.207,97**	1126	**1.440,28**	1329	**1.675,08**
30	1931	516	**1.003,32**	705	**1.127,58**	951	**1.248,32**	1164	**1.488,64**	1374	**1.731,53**
31	1996	534	**1.035,51**	729	**1.163,90**	983	**1.288,67**	1203	**1.537,00**	1420	**1.787,99**
32	2061	551	**1.067,69**	752	**1.200,23**	1015	**1.329,02**	1242	**1.585,36**	1466	**1.844,44**
33	2126	568	**1.099,87**	776	**1.236,55**	1047	**1.369,37**	1281	**1.633,72**	1512	**1.900,90**
34	2191	585	**1.132,06**	799	**1.272,88**	1078	**1.409,72**	1320	**1.682,08**	1558	**1.957,36**
35	2256	602	**1.164,24**	823	**1.309,20**	1110	**1.450,07**	1358	**1.730,44**	1603	**2.013,81**
36	2321	620	**1.196,42**	846	**1.345,53**	1142	**1.490,42**	1397	**1.778,80**	1649	**2.070,27**
37	2386	637	**1.228,60**	870	**1.381,85**	1173	**1.530,77**	1436	**1.827,16**	1695	**2.126,73**
38	2451	654	**1.260,79**	893	**1.418,17**	1205	**1.571,12**	1475	**1.875,52**	1741	**2.183,18**
39	2516	671	**1.292,97**	917	**1.454,50**	1237	**1.611,47**	1514	**1.923,88**	1787	**2.239,64**
40	2581	688	**1.335,96**	940	**1.501,63**	1268	**1.662,63**	1552	**1.983,05**	1832	**2.306,91**

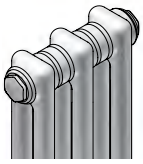
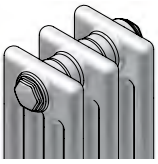
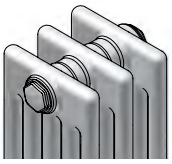
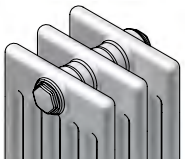
Toeslag completto voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop [3]: € 126,13

Toeslag completto voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop [3]: € 180,18

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 71
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston Klinik

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		260									
											
Model		**K2026**		**K3026**		**K4026**		**K5026**		**K6026**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,30		1,27		1,26		1,25		1,28	
Prijs element €		**28,75**		**32,66**		**35,86**		**40,35**		**44,86**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	241	96	**144,43**	127	**160,06**	160	**172,86**	196	**190,83**	233	**208,86**
5	306	120	**173,18**	158	**192,72**	200	**208,71**	245	**231,18**	291	**253,72**
6	371	144	**201,93**	190	**225,38**	240	**244,57**	294	**271,53**	349	**298,58**
7	436	168	**230,69**	222	**258,04**	280	**280,43**	343	**311,88**	407	**343,43**
8	501	192	**259,44**	253	**290,70**	320	**316,28**	392	**352,23**	465	**388,29**
9	566	216	**288,19**	285	**323,36**	360	**352,14**	441	**392,57**	523	**433,15**
10	631	239	**316,94**	316	**356,02**	400	**388,00**	489	**432,92**	581	**478,01**
11	696	263	**345,69**	348	**388,67**	440	**423,85**	538	**473,27**	640	**522,87**
12	761	287	**374,44**	380	**421,33**	480	**459,71**	587	**513,62**	698	**567,72**
13	826	311	**403,19**	411	**453,99**	520	**495,57**	636	**553,97**	756	**612,58**
14	891	335	**431,94**	443	**486,65**	560	**531,42**	685	**594,32**	814	**657,44**
15	956	359	**460,69**	474	**519,31**	600	**567,28**	734	**634,67**	872	**702,30**
16	1021	383	**489,44**	506	**551,97**	640	**603,14**	783	**675,02**	930	**747,15**
17	1086	407	**518,19**	538	**584,63**	680	**638,99**	832	**715,37**	988	**792,01**
18	1151	431	**546,94**	569	**617,28**	720	**674,85**	881	**755,72**	1046	**836,87**
19	1216	455	**575,70**	601	**649,94**	760	**710,71**	930	**796,07**	1104	**881,73**
20	1281	478	**604,45**	632	**682,60**	800	**746,56**	978	**836,42**	1162	**926,59**
21	1346	502	**633,20**	664	**715,26**	840	**782,42**	1027	**876,77**	1221	**971,44**
22	1411	526	**661,95**	696	**747,92**	880	**818,28**	1076	**917,12**	1279	**1.016,30**
23	1476	550	**699,11**	727	**788,99**	920	**862,54**	1125	**965,88**	1337	**1.069,57**
24	1541	574	**727,86**	759	**821,65**	960	**898,40**	1174	**1.006,23**	1395	**1.114,43**
25	1606	598	**756,61**	790	**854,30**	1000	**934,26**	1223	**1.046,58**	1453	**1.159,29**
26	1671	622	**785,36**	822	**886,96**	1040	**970,11**	1272	**1.086,92**	1511	**1.204,14**
27	1736	646	**814,11**	854	**919,62**	1080	**1.005,97**	1321	**1.127,27**	1569	**1.249,00**
28	1801	670	**842,86**	885	**952,28**	1120	**1.041,82**	1370	**1.167,62**	1627	**1.293,86**
29	1866	694	**871,61**	917	**984,94**	1160	**1.077,68**	1419	**1.207,97**	1685	**1.338,72**
30	1931	717	**900,36**	948	**1.017,60**	1200	**1.113,54**	1467	**1.248,32**	1743	**1.383,57**
31	1996	741	**929,11**	980	**1.050,26**	1240	**1.149,39**	1516	**1.288,67**	1802	**1.428,43**
32	2061	765	**957,87**	1012	**1.082,92**	1280	**1.185,25**	1565	**1.329,02**	1860	**1.473,29**
33	2126	789	**986,62**	1043	**1.115,57**	1320	**1.221,11**	1614	**1.369,37**	1918	**1.518,15**
34	2191	813	**1.015,37**	1075	**1.148,23**	1360	**1.256,96**	1663	**1.409,72**	1976	**1.563,01**
35	2256	837	**1.044,12**	1106	**1.180,89**	1400	**1.292,82**	1712	**1.450,07**	2034	**1.607,86**
36	2321	861	**1.072,87**	1138	**1.213,55**	1440	**1.328,68**	1761	**1.490,42**	2092	**1.652,72**
37	2386	885	**1.101,62**	1170	**1.246,21**	1480	**1.364,53**	1810	**1.530,77**	2150	**1.697,58**
38	2451	909	**1.130,37**	1201	**1.278,87**	1520	**1.400,39**	1859	**1.571,12**	2208	**1.742,44**
39	2516	933	**1.159,12**	1233	**1.311,53**	1560	**1.436,25**	1908	**1.611,47**	2266	**1.787,29**
40	2581	956	**1.198,68**	1264	**1.354,99**	1600	**1.482,91**	1956	**1.662,63**	2324	**1.842,96**

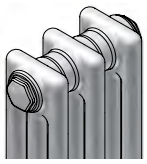
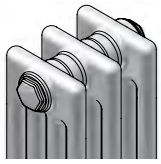
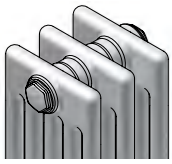
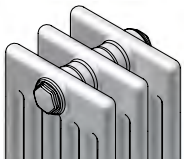
Toeslag completto voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop [3]: € 126,13

Toeslag completto voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop [3]: € 180,18

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 71
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston Klinik

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		300									
											
Model		**K2030**		**K3030**		**K4030**		**K5030**		**K6030**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,29		1,27		1,26		1,25		1,29	
Prijs element €		**28,98**		**32,88**		**36,32**		**40,60**		**45,09**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	241	106	**145,37**	144	**160,97**	184	**174,73**	223	**191,83**	265	**209,80**
5	306	133	**174,35**	180	**193,85**	230	**211,05**	279	**232,43**	331	**254,89**
6	371	159	**203,34**	216	**226,74**	276	**247,38**	335	**273,02**	398	**299,98**
7	436	186	**232,32**	252	**259,62**	322	**283,70**	390	**313,62**	464	**345,07**
8	501	212	**261,31**	288	**292,51**	368	**320,03**	446	**354,22**	530	**390,16**
9	566	239	**290,29**	324	**325,39**	414	**356,35**	502	**394,82**	596	**435,26**
10	631	265	**319,28**	359	**358,28**	460	**392,68**	557	**435,42**	662	**480,35**
11	696	292	**348,26**	395	**391,16**	506	**429,00**	613	**476,02**	729	**525,44**
12	761	318	**377,25**	431	**424,05**	552	**465,33**	669	**516,62**	795	**570,53**
13	826	345	**406,23**	467	**456,93**	598	**501,65**	725	**557,22**	861	**615,62**
14	891	371	**435,22**	503	**489,82**	644	**537,97**	780	**597,82**	927	**660,72**
15	956	398	**464,20**	539	**522,70**	690	**574,30**	836	**638,42**	993	**705,81**
16	1021	424	**493,19**	575	**555,59**	736	**610,62**	892	**679,01**	1060	**750,90**
17	1086	451	**522,17**	611	**588,47**	782	**646,95**	947	**719,61**	1126	**795,99**
18	1151	477	**551,16**	647	**621,36**	828	**683,27**	1003	**760,21**	1192	**841,08**
19	1216	504	**580,14**	683	**654,24**	874	**719,60**	1059	**800,81**	1258	**886,17**
20	1281	530	**609,13**	718	**687,13**	920	**755,92**	1114	**841,41**	1324	**931,27**
21	1346	557	**638,11**	754	**720,01**	966	**792,25**	1170	**882,01**	1391	**976,36**
22	1411	583	**667,10**	790	**752,90**	1012	**828,57**	1226	**922,61**	1457	**1.021,45**
23	1476	610	**704,49**	826	**794,19**	1058	**873,31**	1282	**971,62**	1523	**1.074,95**
24	1541	636	**733,48**	862	**827,08**	1104	**909,63**	1337	**1.012,22**	1589	**1.120,04**
25	1606	663	**762,46**	898	**859,96**	1150	**945,96**	1393	**1.052,82**	1655	**1.165,14**
26	1671	689	**791,44**	934	**892,84**	1196	**982,28**	1449	**1.093,41**	1722	**1.210,23**
27	1736	716	**820,43**	970	**925,73**	1242	**1.018,60**	1504	**1.134,01**	1788	**1.255,32**
28	1801	742	**849,41**	1006	**958,61**	1288	**1.054,93**	1560	**1.174,61**	1854	**1.300,41**
29	1866	769	**878,40**	1042	**991,50**	1334	**1.091,25**	1616	**1.215,21**	1920	**1.345,50**
30	1931	795	**907,38**	1077	**1.024,38**	1380	**1.127,58**	1671	**1.255,81**	1986	**1.390,59**
31	1996	822	**936,37**	1113	**1.057,27**	1426	**1.163,90**	1727	**1.296,41**	2053	**1.435,69**
32	2061	848	**965,35**	1149	**1.090,15**	1472	**1.200,23**	1783	**1.337,01**	2119	**1.480,78**
33	2126	875	**994,34**	1185	**1.123,04**	1518	**1.236,55**	1839	**1.377,61**	2185	**1.525,87**
34	2191	901	**1.023,32**	1221	**1.155,92**	1564	**1.272,88**	1894	**1.418,21**	2251	**1.570,96**
35	2256	928	**1.052,31**	1257	**1.188,81**	1610	**1.309,20**	1950	**1.458,81**	2317	**1.616,05**
36	2321	954	**1.081,29**	1293	**1.221,69**	1656	**1.345,53**	2006	**1.499,40**	2384	**1.661,14**
37	2386	981	**1.110,28**	1329	**1.254,58**	1702	**1.381,85**	2061	**1.540,00**	2450	**1.706,24**
38	2451	1007	**1.139,26**	1365	**1.287,46**	1748	**1.418,17**	2117	**1.580,60**	2516	**1.751,33**
39	2516	1034	**1.168,25**	1401	**1.320,35**	1794	**1.454,50**	2173	**1.621,20**	2582	**1.796,42**
40	2581	1060	**1.208,04**	1436	**1.364,04**	1840	**1.501,63**	2228	**1.672,61**	2648	**1.852,32**

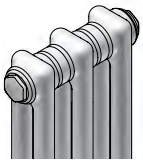
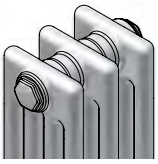
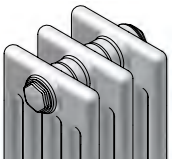
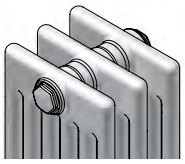
Toeslag completto voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop [3]: € 126,13

Toeslag completto voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop [3]: € 180,18

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 71
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston Klinik

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		350									
											
Model		**K2035**		**K3035**		**K4035**		**K5035**		**K6035**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,29		1,28		1,26		1,25		1,29	
Prijs element €		**29,11**		**33,02**		**36,92**		**41,18**		**45,76**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	241	118	**145,87**	165	**161,50**	210	**177,10**	256	**194,13**	305	**212,48**
5	306	147	**174,98**	206	**194,52**	262	**214,02**	320	**235,31**	381	**258,24**
6	371	176	**204,09**	247	**227,53**	314	**250,93**	384	**276,49**	458	**304,01**
7	436	206	**233,20**	288	**260,55**	367	**287,85**	448	**317,66**	534	**349,77**
8	501	235	**262,31**	329	**293,57**	419	**324,77**	512	**358,84**	610	**395,53**
9	566	264	**291,42**	370	**326,59**	471	**361,69**	576	**400,02**	686	**441,29**
10	631	293	**320,53**	411	**359,60**	523	**398,60**	640	**441,19**	762	**487,06**
11	696	323	**349,64**	453	**392,62**	576	**435,52**	704	**482,37**	839	**532,82**
12	761	352	**378,75**	494	**425,64**	628	**472,44**	768	**523,54**	915	**578,58**
13	826	381	**407,85**	535	**458,66**	680	**509,36**	832	**564,72**	991	**624,34**
14	891	411	**436,96**	576	**491,67**	733	**546,27**	896	**605,90**	1067	**670,11**
15	956	440	**466,07**	617	**524,69**	785	**583,19**	960	**647,07**	1143	**715,87**
16	1021	469	**495,18**	658	**557,71**	837	**620,11**	1024	**688,25**	1220	**761,63**
17	1086	499	**524,29**	699	**590,73**	890	**657,03**	1088	**729,43**	1296	**807,39**
18	1151	528	**553,40**	740	**623,74**	942	**693,94**	1152	**770,60**	1372	**853,16**
19	1216	557	**582,51**	781	**656,76**	994	**730,86**	1216	**811,78**	1448	**898,92**
20	1281	586	**611,62**	822	**689,78**	1046	**767,78**	1280	**852,95**	1524	**944,68**
21	1346	616	**640,73**	864	**722,80**	1099	**804,70**	1344	**894,13**	1601	**990,44**
22	1411	645	**669,84**	905	**755,81**	1151	**841,61**	1408	**935,31**	1677	**1.036,21**
23	1476	674	**707,36**	946	**797,24**	1203	**886,94**	1472	**984,89**	1753	**1.090,38**
24	1541	704	**736,47**	987	**830,26**	1256	**923,86**	1536	**1.026,07**	1829	**1.136,14**
25	1606	733	**765,58**	1028	**863,28**	1308	**960,78**	1600	**1.067,25**	1905	**1.181,91**
26	1671	762	**794,69**	1069	**896,29**	1360	**997,69**	1664	**1.108,42**	1982	**1.227,67**
27	1736	792	**823,80**	1110	**929,31**	1413	**1.034,61**	1728	**1.149,60**	2058	**1.273,43**
28	1801	821	**852,91**	1151	**962,33**	1465	**1.071,53**	1792	**1.190,77**	2134	**1.319,19**
29	1866	850	**882,02**	1192	**995,34**	1517	**1.108,44**	1856	**1.231,95**	2210	**1.364,96**
30	1931	879	**911,13**	1233	**1.028,36**	1569	**1.145,36**	1920	**1.273,13**	2286	**1.410,72**
31	1996	909	**940,24**	1275	**1.061,38**	1622	**1.182,28**	1984	**1.314,30**	2363	**1.456,48**
32	2061	938	**969,35**	1316	**1.094,40**	1674	**1.219,20**	2048	**1.355,48**	2439	**1.502,24**
33	2126	967	**998,46**	1357	**1.127,41**	1726	**1.256,11**	2112	**1.396,65**	2515	**1.548,01**
34	2191	997	**1.027,57**	1398	**1.160,43**	1779	**1.293,03**	2176	**1.437,83**	2591	**1.593,77**
35	2256	1026	**1.056,68**	1439	**1.193,45**	1831	**1.329,95**	2240	**1.479,01**	2667	**1.639,53**
36	2321	1055	**1.085,79**	1480	**1.226,47**	1883	**1.366,87**	2304	**1.520,18**	2744	**1.685,29**
37	2386	1085	**1.114,90**	1521	**1.259,48**	1936	**1.403,78**	2368	**1.561,36**	2820	**1.731,06**
38	2451	1114	**1.144,00**	1562	**1.292,50**	1988	**1.440,70**	2432	**1.602,54**	2896	**1.776,82**
39	2516	1143	**1.173,11**	1603	**1.325,52**	2040	**1.477,62**	2496	**1.643,71**	2972	**1.822,58**
40	2581	1172	**1.213,03**	1644	**1.369,35**	2092	**1.525,35**	2560	**1.695,70**	3048	**1.879,15**

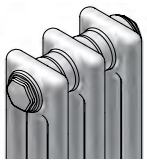
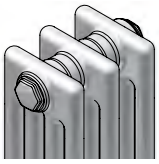
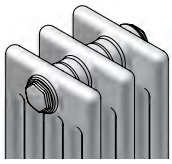
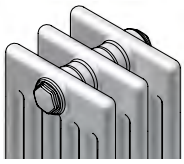
Toeslag completto voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop [3]: € 126,13

Toeslag completto voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop [3]: € 180,18

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 71
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston Klinik

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		400									
											
Model		**K2040**		**K3040**		**K4040**		**K5040**		**K6040**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,29		1,28		1,27		1,26		1,29	
Prijs element €		**29,38**		**33,13**		**37,40**		**41,63**		**46,62**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	241	130	**146,96**	186	**161,94**	237	**179,03**	290	**195,94**	345	**215,91**
5	306	162	**176,34**	232	**195,06**	296	**216,44**	362	**237,57**	431	**262,53**
6	371	194	**205,73**	278	**228,19**	355	**253,84**	435	**279,20**	518	**309,15**
7	436	227	**235,11**	325	**261,32**	414	**291,24**	507	**320,83**	604	**355,77**
8	501	259	**264,49**	371	**294,44**	473	**328,64**	580	**362,46**	690	**402,39**
9	566	291	**293,87**	417	**327,57**	532	**366,04**	652	**404,09**	776	**449,02**
10	631	323	**323,26**	463	**360,70**	591	**403,44**	724	**445,72**	862	**495,64**
11	696	356	**352,64**	510	**393,82**	651	**440,84**	797	**487,34**	949	**542,26**
12	761	388	**382,02**	556	**426,95**	710	**478,24**	869	**528,97**	1035	**588,88**
13	826	420	**411,40**	602	**460,08**	769	**515,64**	942	**570,60**	1121	**635,50**
14	891	453	**440,79**	649	**493,20**	828	**553,04**	1014	**612,23**	1207	**682,12**
15	956	485	**470,17**	695	**526,33**	887	**590,45**	1086	**653,86**	1293	**728,74**
16	1021	517	**499,55**	741	**559,46**	946	**627,85**	1159	**695,49**	1380	**775,36**
17	1086	550	**528,93**	788	**592,58**	1005	**665,25**	1231	**737,12**	1466	**821,98**
18	1151	582	**558,32**	834	**625,71**	1064	**702,65**	1304	**778,74**	1552	**868,60**
19	1216	614	**587,70**	880	**658,84**	1123	**740,05**	1376	**820,37**	1638	**915,22**
20	1281	646	**617,08**	926	**691,96**	1182	**777,45**	1448	**862,00**	1724	**961,84**
21	1346	679	**646,46**	973	**725,09**	1242	**814,85**	1521	**903,63**	1811	**1.008,46**
22	1411	711	**675,85**	1019	**758,22**	1301	**852,25**	1593	**945,26**	1897	**1.055,08**
23	1476	743	**713,64**	1065	**799,75**	1360	**898,06**	1666	**995,30**	1983	**1.110,11**
24	1541	776	**743,02**	1112	**832,88**	1419	**935,46**	1738	**1.036,93**	2069	**1.156,73**
25	1606	808	**772,41**	1158	**866,01**	1478	**972,87**	1811	**1.078,56**	2155	**1.203,36**
26	1671	840	**801,79**	1204	**899,13**	1537	**1.010,27**	1883	**1.120,18**	2242	**1.249,98**
27	1736	873	**831,17**	1251	**932,26**	1596	**1.047,67**	1955	**1.161,81**	2328	**1.296,60**
28	1801	905	**860,55**	1297	**965,38**	1655	**1.085,07**	2028	**1.203,44**	2414	**1.343,22**
29	1866	937	**889,94**	1343	**998,51**	1714	**1.122,47**	2100	**1.245,07**	2500	**1.389,84**
30	1931	969	**919,32**	1389	**1.031,64**	1773	**1.159,87**	2172	**1.286,70**	2586	**1.436,46**
31	1996	1002	**948,70**	1436	**1.064,76**	1833	**1.197,27**	2245	**1.328,33**	2673	**1.483,08**
32	2061	1034	**978,08**	1482	**1.097,89**	1892	**1.234,67**	2317	**1.369,96**	2759	**1.529,70**
33	2126	1066	**1.007,47**	1528	**1.131,02**	1951	**1.272,07**	2390	**1.411,58**	2845	**1.576,32**
34	2191	1099	**1.036,85**	1575	**1.164,14**	2010	**1.309,47**	2462	**1.453,21**	2931	**1.622,94**
35	2256	1131	**1.066,23**	1621	**1.197,27**	2069	**1.346,88**	2534	**1.494,84**	3017	**1.669,56**
36	2321	1163	**1.095,61**	1667	**1.230,40**	2128	**1.384,28**	2607	**1.536,47**	3104	**1.716,18**
37	2386	1196	**1.125,00**	1714	**1.263,52**	2187	**1.421,68**	2679	**1.578,10**	3190	**1.762,80**
38	2451	1228	**1.154,38**	1760	**1.296,65**	2246	**1.459,08**	2752	**1.619,73**	3276	**1.809,42**
39	2516	1260	**1.183,76**	1806	**1.329,78**	2305	**1.496,48**	2824	**1.661,36**	3362	**1.856,04**
40	2581	1292	**1.223,95**	1852	**1.373,71**	2364	**1.544,69**	2896	**1.713,79**	3448	**1.913,47**

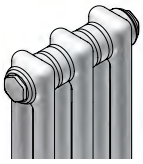
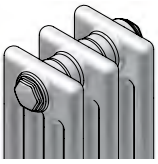
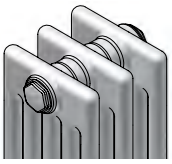
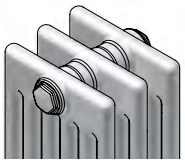
Toeslag completto voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop [3]: € 126,13

Toeslag completto voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop [3]: € 180,18

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 71
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston Klinik

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		450									
											
Model		**K2045**		**K3045**		**K4045**		**K5045**		**K6045**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,29		1,28		1,27		1,26		1,29	
Prijs element €		**29,59**		**33,27**		**37,99**		**42,38**		**47,24**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	241	142	**147,77**	206	**162,53**	264	**181,41**	323	**198,94**	385	**218,38**
5	306	177	**177,36**	257	**195,80**	329	**219,40**	404	**241,32**	481	**265,61**
6	371	213	**206,94**	308	**229,08**	395	**257,39**	485	**283,69**	577	**312,85**
7	436	248	**236,53**	360	**262,35**	461	**295,39**	565	**326,07**	673	**360,09**
8	501	284	**266,11**	411	**295,63**	527	**333,38**	646	**368,45**	769	**407,32**
9	566	319	**295,70**	462	**328,90**	593	**371,37**	727	**410,83**	865	**454,56**
10	631	354	**325,28**	513	**362,18**	658	**409,37**	807	**453,20**	961	**501,80**
11	696	390	**354,87**	565	**395,45**	724	**447,36**	888	**495,58**	1058	**549,03**
12	761	425	**384,45**	616	**428,73**	790	**485,36**	969	**537,96**	1154	**596,27**
13	826	461	**414,04**	667	**462,00**	856	**523,35**	1050	**580,34**	1250	**643,51**
14	891	496	**443,63**	719	**495,28**	922	**561,34**	1130	**622,71**	1346	**690,75**
15	956	531	**473,21**	770	**528,55**	987	**599,34**	1211	**665,09**	1442	**737,98**
16	1021	567	**502,80**	821	**561,83**	1053	**637,33**	1292	**707,47**	1538	**785,22**
17	1086	602	**532,38**	873	**595,10**	1119	**675,32**	1372	**749,85**	1634	**832,46**
18	1151	638	**561,97**	924	**628,38**	1185	**713,32**	1453	**792,22**	1730	**879,69**
19	1216	673	**591,55**	975	**661,65**	1251	**751,31**	1534	**834,60**	1826	**926,93**
20	1281	708	**621,14**	1026	**694,93**	1316	**789,31**	1614	**876,98**	1922	**974,17**
21	1346	744	**650,72**	1078	**728,20**	1382	**827,30**	1695	**919,36**	2019	**1.021,40**
22	1411	779	**680,31**	1129	**761,48**	1448	**865,29**	1776	**961,73**	2115	**1.068,64**
23	1476	815	**718,30**	1180	**803,16**	1514	**911,70**	1857	**1.012,52**	2211	**1.124,29**
24	1541	850	**747,89**	1232	**836,44**	1580	**949,69**	1937	**1.054,90**	2307	**1.171,52**
25	1606	885	**777,48**	1283	**869,71**	1645	**987,69**	2018	**1.097,28**	2403	**1.218,76**
26	1671	921	**807,06**	1334	**902,98**	1711	**1.025,68**	2099	**1.139,65**	2499	**1.266,00**
27	1736	956	**836,65**	1386	**936,26**	1777	**1.063,67**	2179	**1.182,03**	2595	**1.313,23**
28	1801	992	**866,23**	1437	**969,53**	1843	**1.101,67**	2260	**1.224,41**	2691	**1.360,47**
29	1866	1027	**895,82**	1488	**1.002,81**	1909	**1.139,66**	2341	**1.266,78**	2787	**1.407,71**
30	1931	1062	**925,40**	1539	**1.036,08**	1974	**1.177,65**	2421	**1.309,16**	2883	**1.454,94**
31	1996	1098	**954,99**	1591	**1.069,36**	2040	**1.215,65**	2502	**1.351,54**	2980	**1.502,18**
32	2061	1133	**984,57**	1642	**1.102,63**	2106	**1.253,64**	2583	**1.393,92**	3076	**1.549,42**
33	2126	1169	**1.014,16**	1693	**1.135,91**	2172	**1.291,64**	2664	**1.436,29**	3172	**1.596,65**
34	2191	1204	**1.043,74**	1745	**1.169,18**	2238	**1.329,63**	2744	**1.478,67**	3268	**1.643,89**
35	2256	1239	**1.073,33**	1796	**1.202,46**	2303	**1.367,62**	2825	**1.521,05**	3364	**1.691,13**
36	2321	1275	**1.102,91**	1847	**1.235,73**	2369	**1.405,62**	2906	**1.563,43**	3460	**1.738,36**
37	2386	1310	**1.132,50**	1899	**1.269,01**	2435	**1.443,61**	2986	**1.605,80**	3556	**1.785,60**
38	2451	1346	**1.162,09**	1950	**1.302,28**	2501	**1.481,60**	3067	**1.648,18**	3652	**1.832,84**
39	2516	1381	**1.191,67**	2001	**1.335,56**	2567	**1.519,60**	3148	**1.690,56**	3748	**1.880,08**
40	2581	1416	**1.232,07**	2052	**1.379,64**	2632	**1.568,40**	3228	**1.743,75**	3844	**1.938,12**

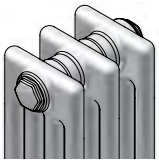
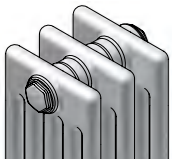
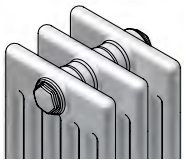
Toeslag completto voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop [3]: € 126,13

Toeslag completto voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop [3]: € 180,18

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 71
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston Klinik

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		500									
											
Model		**K2050**		**K3050**		**K4050**		**K5050**		**K6050**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,29		1,28		1,27		1,26		1,29	
Prijs element €		**30,06**		**33,59**		**38,82**		**43,09**		**48,02**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	241	155	**149,67**	226	**163,81**	290	**184,71**	356	**201,78**	424	**221,53**
5	306	193	**179,74**	282	**197,40**	363	**223,53**	445	**244,87**	530	**269,55**
6	371	232	**209,80**	338	**231,00**	435	**262,35**	534	**287,95**	636	**317,58**
7	436	271	**239,86**	395	**264,59**	508	**301,17**	623	**331,04**	742	**365,60**
8	501	309	**269,92**	451	**298,19**	580	**339,99**	712	**374,13**	848	**413,63**
9	566	348	**299,98**	507	**331,78**	653	**378,82**	801	**417,21**	954	**461,65**
10	631	386	**330,04**	563	**365,38**	725	**417,64**	890	**460,30**	1060	**509,68**
11	696	425	**360,10**	620	**398,97**	798	**456,46**	979	**503,39**	1166	**557,70**
12	761	464	**390,16**	676	**432,57**	870	**495,28**	1068	**546,48**	1272	**605,73**
13	826	502	**420,23**	732	**466,16**	943	**534,10**	1157	**589,56**	1378	**653,75**
14	891	541	**450,29**	789	**499,75**	1015	**572,92**	1246	**632,65**	1484	**701,77**
15	956	579	**480,35**	845	**533,35**	1088	**611,74**	1335	**675,74**	1590	**749,80**
16	1021	618	**510,41**	901	**566,94**	1160	**650,56**	1424	**718,83**	1696	**797,82**
17	1086	657	**540,47**	958	**600,54**	1233	**689,38**	1513	**761,91**	1802	**845,85**
18	1151	695	**570,53**	1014	**634,13**	1305	**728,20**	1602	**805,00**	1908	**893,87**
19	1216	734	**600,59**	1070	**667,73**	1378	**767,02**	1691	**848,09**	2014	**941,90**
20	1281	772	**630,65**	1126	**701,32**	1450	**805,84**	1780	**891,17**	2120	**989,92**
21	1346	811	**660,72**	1183	**734,92**	1523	**844,66**	1869	**934,26**	2226	**1.037,95**
22	1411	850	**690,78**	1239	**768,51**	1595	**883,48**	1958	**977,35**	2332	**1.085,97**
23	1476	888	**729,25**	1295	**810,52**	1668	**930,71**	2047	**1.028,85**	2438	**1.142,41**
24	1541	927	**759,31**	1352	**844,11**	1740	**969,53**	2136	**1.071,93**	2544	**1.190,43**
25	1606	965	**789,37**	1408	**877,71**	1813	**1.008,36**	2225	**1.115,02**	2650	**1.238,46**
26	1671	1004	**819,43**	1464	**911,30**	1885	**1.047,18**	2314	**1.158,11**	2756	**1.286,48**
27	1736	1043	**849,49**	1521	**944,89**	1958	**1.086,00**	2403	**1.201,19**	2862	**1.334,50**
28	1801	1081	**879,55**	1577	**978,49**	2030	**1.124,82**	2492	**1.244,28**	2968	**1.382,53**
29	1866	1120	**909,61**	1633	**1.012,08**	2103	**1.163,64**	2581	**1.287,37**	3074	**1.430,55**
30	1931	1158	**939,68**	1689	**1.045,68**	2175	**1.202,46**	2670	**1.330,46**	3180	**1.478,58**
31	1996	1197	**969,74**	1746	**1.079,27**	2248	**1.241,28**	2759	**1.373,54**	3286	**1.526,60**
32	2061	1236	**999,80**	1802	**1.112,87**	2320	**1.280,10**	2848	**1.416,63**	3392	**1.574,63**
33	2126	1274	**1.029,86**	1858	**1.146,46**	2393	**1.318,92**	2937	**1.459,72**	3498	**1.622,65**
34	2191	1313	**1.059,92**	1915	**1.180,06**	2465	**1.357,74**	3026	**1.502,80**	3604	**1.670,68**
35	2256	1351	**1.089,98**	1971	**1.213,65**	2538	**1.396,56**	3115	**1.545,89**	3710	**1.718,70**
36	2321	1390	**1.120,04**	2027	**1.247,25**	2610	**1.435,38**	3204	**1.588,98**	3816	**1.766,73**
37	2386	1429	**1.150,10**	2084	**1.280,84**	2683	**1.474,20**	3293	**1.632,07**	3922	**1.814,75**
38	2451	1467	**1.180,17**	2140	**1.314,43**	2755	**1.513,02**	3382	**1.675,15**	4028	**1.862,77**
39	2516	1506	**1.210,23**	2196	**1.348,03**	2828	**1.551,84**	3471	**1.718,24**	4134	**1.910,80**
40	2581	1544	**1.251,10**	2252	**1.392,43**	2900	**1.601,47**	3560	**1.772,14**	4240	**1.969,63**

Toeslag completto voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop [3]: € 126,13

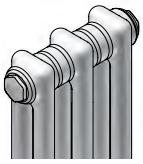
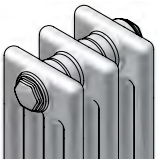
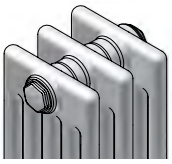
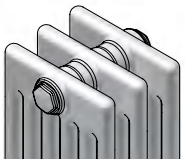
Toeslag completto voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop [3]: € 180,18

Let op! Leeggewicht radiator hoger dan 100 kg

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 71
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston Klinik

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		550									
											
Model		**K2055**		**K3055**		**K4055**		**K5055**		**K6055**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,29		1,29		1,28		1,27		1,29	
Prijs element €		**30,54**		**34,19**		**39,63**		**43,91**		**49,21**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	241	168	**151,61**	246	**166,18**	317	**187,96**	390	**205,05**	464	**226,27**
5	306	210	**182,15**	307	**200,37**	396	**227,59**	487	**248,96**	580	**275,48**
6	371	252	**212,70**	368	**234,55**	476	**267,22**	584	**292,87**	696	**324,69**
7	436	294	**243,24**	430	**268,74**	555	**306,85**	682	**336,77**	812	**373,90**
8	501	336	**273,79**	491	**302,93**	634	**346,48**	779	**380,68**	928	**423,11**
9	566	378	**304,33**	552	**337,12**	713	**386,12**	876	**424,59**	1044	**472,32**
10	631	419	**334,88**	613	**371,30**	792	**425,75**	973	**468,49**	1160	**521,53**
11	696	461	**365,42**	675	**405,49**	872	**465,38**	1071	**512,40**	1276	**570,74**
12	761	503	**395,97**	736	**439,68**	951	**505,01**	1168	**556,30**	1392	**619,95**
13	826	545	**426,51**	797	**473,87**	1030	**544,64**	1265	**600,21**	1508	**669,16**
14	891	587	**457,06**	859	**508,05**	1109	**584,28**	1363	**644,12**	1624	**718,37**
15	956	629	**487,60**	920	**542,24**	1188	**623,91**	1460	**688,02**	1740	**767,58**
16	1021	671	**518,15**	981	**576,43**	1268	**663,54**	1557	**731,93**	1856	**816,79**
17	1086	713	**548,69**	1043	**610,62**	1347	**703,17**	1655	**775,84**	1972	**866,00**
18	1151	755	**579,24**	1104	**644,80**	1426	**742,80**	1752	**819,74**	2088	**915,21**
19	1216	797	**609,78**	1165	**678,99**	1505	**782,43**	1849	**863,65**	2204	**964,42**
20	1281	838	**640,33**	1226	**713,18**	1584	**822,07**	1946	**907,55**	2320	**1.013,63**
21	1346	880	**670,87**	1288	**747,37**	1664	**861,70**	2044	**951,46**	2436	**1.062,84**
22	1411	922	**701,42**	1349	**781,55**	1743	**901,33**	2141	**995,37**	2552	**1.112,05**
23	1476	964	**740,37**	1410	**824,15**	1822	**949,37**	2238	**1.047,68**	2668	**1.169,67**
24	1541	1006	**770,92**	1472	**858,34**	1901	**989,00**	2336	**1.091,59**	2784	**1.218,88**
25	1606	1048	**801,46**	1533	**892,53**	1980	**1.028,64**	2433	**1.135,50**	2900	**1.268,10**
26	1671	1090	**832,00**	1594	**926,71**	2060	**1.068,27**	2530	**1.179,40**	3016	**1.317,31**
27	1736	1132	**862,55**	1656	**960,90**	2139	**1.107,90**	2628	**1.223,31**	3132	**1.366,52**
28	1801	1174	**893,09**	1717	**995,09**	2218	**1.147,53**	2725	**1.267,21**	3248	**1.415,73**
29	1866	1216	**923,64**	1778	**1.029,27**	2297	**1.187,16**	2822	**1.311,12**	3364	**1.464,94**
30	1931	1257	**954,18**	1839	**1.063,46**	2376	**1.226,79**	2919	**1.355,03**	3480	**1.514,15**
31	1996	1299	**984,73**	1901	**1.097,65**	2456	**1.266,43**	3017	**1.398,93**	3596	**1.563,36**
32	2061	1341	**1.015,27**	1962	**1.131,84**	2535	**1.306,06**	3114	**1.442,84**	3712	**1.612,57**
33	2126	1383	**1.045,82**	2023	**1.166,02**	2614	**1.345,69**	3211	**1.486,74**	3828	**1.661,78**
34	2191	1425	**1.076,36**	2085	**1.200,21**	2693	**1.385,32**	3309	**1.530,65**	3944	**1.710,99**
35	2256	1467	**1.106,91**	2146	**1.234,40**	2772	**1.424,95**	3406	**1.574,56**	4060	**1.760,20**
36	2321	1509	**1.137,45**	2207	**1.268,59**	2852	**1.464,58**	3503	**1.618,46**	4176	**1.809,41**
37	2386	1551	**1.168,00**	2269	**1.302,77**	2931	**1.504,22**	3601	**1.662,37**	4292	**1.858,62**
38	2451	1593	**1.198,54**	2330	**1.336,96**	3010	**1.543,85**	3698	**1.706,28**	4408	**1.907,83**
39	2516	1635	**1.229,09**	2391	**1.371,15**	3089	**1.583,48**	3795	**1.750,18**	4524	**1.957,04**
40	2581	1676	**1.270,44**	2452	**1.416,15**	3168	**1.633,92**	3892	**1.804,90**	4640	**2.017,06**

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Toeslag completto voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop [3]: € 180,18

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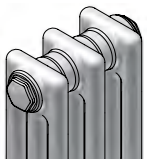
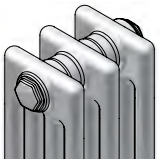
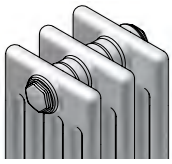
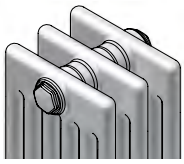
[2] Technische gegevens per element vanaf blz. 71
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston Klinik

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		600									
											
Model		**K2060**		**K3060**		**K4060**		**K5060**		**K6060**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,29		1,29		1,28		1,27		1,29	
Prijs element €		**30,87**		**35,02**		**40,46**		**44,86**		**50,30**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	241	181	**152,92**	265	**169,52**	344	**191,26**	424	**208,86**	500	**230,64**
5	306	226	**183,79**	331	**204,54**	429	**231,72**	530	**253,72**	625	**280,94**
6	371	272	**214,66**	398	**239,56**	515	**272,18**	636	**298,58**	750	**331,24**
7	436	317	**245,54**	464	**274,58**	601	**312,64**	742	**343,43**	875	**381,55**
8	501	362	**276,41**	530	**309,61**	687	**353,10**	848	**388,29**	1000	**431,85**
9	566	407	**307,28**	596	**344,63**	773	**393,56**	954	**433,15**	1125	**482,15**
10	631	452	**338,15**	662	**379,65**	858	**434,02**	1060	**478,01**	1250	**532,45**
11	696	498	**369,03**	729	**414,67**	944	**474,47**	1166	**522,87**	1375	**582,75**
12	761	543	**399,90**	795	**449,69**	1030	**514,93**	1272	**567,72**	1500	**633,06**
13	826	588	**430,77**	861	**484,72**	1116	**555,39**	1378	**612,58**	1625	**683,36**
14	891	633	**461,64**	927	**519,74**	1202	**595,85**	1484	**657,44**	1750	**733,66**
15	956	678	**492,52**	993	**554,76**	1287	**636,31**	1590	**702,30**	1875	**783,96**
16	1021	724	**523,39**	1060	**589,78**	1373	**676,77**	1696	**747,15**	2000	**834,27**
17	1086	769	**554,26**	1126	**624,80**	1459	**717,23**	1802	**792,01**	2125	**884,57**
18	1151	814	**585,13**	1192	**659,83**	1545	**757,68**	1908	**836,87**	2250	**934,87**
19	1216	859	**616,01**	1258	**694,85**	1631	**798,14**	2014	**881,73**	2375	**985,17**
20	1281	904	**646,88**	1324	**729,87**	1716	**838,60**	2120	**926,59**	2500	**1.035,47**
21	1346	950	**677,75**	1391	**764,89**	1802	**879,06**	2226	**971,44**	2625	**1.085,78**
22	1411	995	**708,62**	1457	**799,91**	1888	**919,52**	2332	**1.016,30**	2750	**1.136,08**
23	1476	1040	**747,91**	1523	**843,35**	1974	**968,39**	2438	**1.069,57**	2875	**1.194,79**
24	1541	1085	**778,78**	1589	**878,37**	2060	**1.008,85**	2544	**1.114,43**	3000	**1.245,09**
25	1606	1130	**809,65**	1655	**913,39**	2145	**1.049,31**	2650	**1.159,29**	3125	**1.295,40**
26	1671	1176	**840,52**	1722	**948,41**	2231	**1.089,76**	2756	**1.204,14**	3250	**1.345,70**
27	1736	1221	**871,39**	1788	**983,43**	2317	**1.130,22**	2862	**1.249,00**	3375	**1.396,00**
28	1801	1266	**902,27**	1854	**1.018,46**	2403	**1.170,68**	2968	**1.293,86**	3500	**1.446,30**
29	1866	1311	**933,14**	1920	**1.053,48**	2489	**1.211,14**	3074	**1.338,72**	3625	**1.496,60**
30	1931	1356	**964,01**	1986	**1.088,50**	2574	**1.251,60**	3180	**1.383,57**	3750	**1.546,91**
31	1996	1402	**994,88**	2053	**1.123,52**	2660	**1.292,06**	3286	**1.428,43**	3875	**1.597,21**
32	2061	1447	**1.025,76**	2119	**1.158,54**	2746	**1.332,52**	3392	**1.473,29**	4000	**1.647,51**
33	2126	1492	**1.056,63**	2185	**1.193,57**	2832	**1.372,97**	3498	**1.518,15**	4125	**1.697,81**
34	2191	1537	**1.087,50**	2251	**1.228,59**	2918	**1.413,43**	3604	**1.563,01**	4250	**1.748,11**
35	2256	1582	**1.118,37**	2317	**1.263,61**	3003	**1.453,89**	3710	**1.607,86**	4375	**1.798,42**
36	2321	1628	**1.149,25**	2384	**1.298,63**	3089	**1.494,35**	3816	**1.652,72**	4500	**1.848,72**
37	2386	1673	**1.180,12**	2450	**1.333,65**	3175	**1.534,81**	3922	**1.697,58**	4625	**1.899,02**
38	2451	1718	**1.210,99**	2516	**1.368,68**	3261	**1.575,27**	4028	**1.742,44**	4750	**1.949,32**
39	2516	1763	**1.241,86**	2582	**1.403,70**	3347	**1.615,73**	4134	**1.787,29**	4875	**1.999,63**
40	2581	1808	**1.283,55**	2648	**1.449,53**	3432	**1.666,99**	4240	**1.842,96**	5000	**2.060,74**

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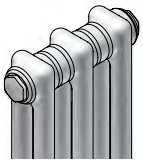
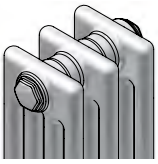
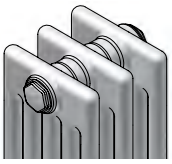
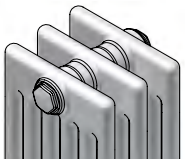
Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		750									
											
Model		**K2075**		**K3075**		**K4075**		**K5075**		**K6075**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,29		1,30		1,29		1,28		1,30	
Prijs element €		**32,54**		**37,05**		**43,31**		**48,73**		**54,53**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	241	224	**159,60**	323	**177,63**	424	**202,65**	520	**224,37**	616	**247,55**
5	306	279	**192,14**	404	**214,68**	530	**245,96**	650	**273,10**	770	**302,08**
6	371	335	**224,68**	485	**251,73**	636	**289,26**	780	**321,84**	924	**356,61**
7	436	391	**257,22**	565	**288,78**	742	**332,57**	910	**370,57**	1078	**411,14**
8	501	447	**289,76**	646	**325,83**	848	**375,87**	1040	**419,31**	1232	**465,67**
9	566	503	**322,30**	727	**362,88**	954	**419,18**	1170	**468,04**	1386	**520,20**
10	631	558	**354,85**	807	**399,93**	1060	**462,49**	1300	**516,77**	1540	**574,73**
11	696	614	**387,39**	888	**436,98**	1166	**505,79**	1430	**565,51**	1694	**629,26**
12	761	670	**419,93**	969	**474,03**	1272	**549,10**	1560	**614,24**	1848	**683,79**
13	826	726	**452,47**	1050	**511,08**	1378	**592,40**	1690	**662,98**	2002	**738,32**
14	891	782	**485,01**	1130	**548,13**	1484	**635,71**	1820	**711,71**	2156	**792,85**
15	956	837	**517,55**	1211	**585,18**	1590	**679,01**	1950	**760,45**	2310	**847,38**
16	1021	893	**550,10**	1292	**622,23**	1696	**722,32**	2080	**817,59**	2464	**910,32**
17	1086	949	**582,64**	1372	**659,28**	1802	**765,63**	2210	**866,32**	2618	**964,85**
18	1151	1005	**615,18**	1453	**696,33**	1908	**808,93**	2340	**915,06**	2772	**1.019,38**
19	1216	1061	**647,72**	1534	**733,38**	2014	**852,24**	2470	**963,79**	2926	**1.073,91**
20	1281	1116	**680,26**	1614	**770,43**	2120	**895,54**	2600	**1.012,53**	3080	**1.128,44**
21	1346	1172	**712,80**	1695	**807,48**	2226	**938,85**	2730	**1.061,26**	3234	**1.182,97**
22	1411	1228	**745,35**	1776	**844,53**	2332	**982,15**	2860	**1.110,00**	3388	**1.237,50**
23	1476	1284	**786,30**	1857	**889,99**	2438	**1.033,87**	2990	**1.158,73**	3542	**1.292,03**
24	1541	1340	**818,84**	1937	**927,04**	2544	**1.077,17**	3120	**1.207,47**	3696	**1.346,56**
25	1606	1395	**851,38**	2018	**964,09**	2650	**1.120,48**	3250	**1.256,20**	3850	**1.401,09**
26	1671	1451	**883,92**	2099	**1.001,14**	2756	**1.163,79**	3380	**1.304,93**	4004	**1.455,61**
27	1736	1507	**916,46**	2179	**1.038,19**	2862	**1.207,09**	3510	**1.353,67**	4158	**1.510,14**
28	1801	1563	**949,00**	2260	**1.075,24**	2968	**1.250,40**	3640	**1.402,40**	4312	**1.564,67**
29	1866	1619	**981,55**	2341	**1.112,29**	3074	**1.293,70**	3770	**1.451,14**	4466	**1.619,20**
30	1931	1674	**1.014,09**	2421	**1.149,34**	3180	**1.337,01**	3900	**1.510,68**	4620	**1.684,54**
31	1996	1730	**1.046,63**	2502	**1.186,39**	3286	**1.380,31**	4030	**1.559,42**	4774	**1.739,07**
32	2061	1786	**1.079,17**	2583	**1.223,44**	3392	**1.423,62**	4160	**1.608,15**	4928	**1.793,60**
33	2126	1842	**1.111,71**	2664	**1.260,49**	3498	**1.466,92**	4290	**1.656,89**	5082	**1.848,13**
34	2191	1898	**1.144,25**	2744	**1.297,54**	3604	**1.510,23**	4420	**1.705,62**	5236	**1.902,66**
35	2256	1953	**1.176,80**	2825	**1.334,59**	3710	**1.553,54**	4550	**1.754,35**	5390	**1.957,19**
36	2321	2009	**1.209,34**	2906	**1.371,64**	3816	**1.596,84**	4680	**1.803,09**	5544	**2.011,72**
37	2386	2065	**1.241,88**	2986	**1.408,69**	3922	**1.640,15**	4810	**1.851,82**	5698	**2.066,25**
38	2451	2121	**1.274,42**	3067	**1.445,74**	4028	**1.683,45**	4940	**1.900,56**	5852	**2.120,78**
39	2516	2177	**1.306,96**	3148	**1.482,79**	4134	**1.726,76**	5070	**1.949,29**	6006	**2.175,31**
40	2581	2232	**1.350,31**	3228	**1.530,65**	4240	**1.780,87**	5200	**1.998,03**	6160	**2.229,84**

Toeslag completto voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop [3]: € 126,13

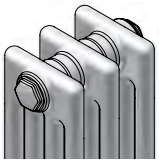
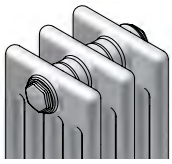
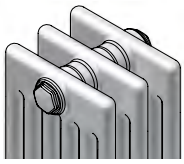
Toeslag completto voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop [3]: € 180,18

Let op! Leeggewicht radiator hoger dan 100 kg

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 71
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston Klinik

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		900									
											
Model		**K2090**		**K3090**		**K4090**		**K5090**		**K6090**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,30		1,31		1,30		1,29		1,30	
Prijs element €		**44,61**		**51,34**		**60,98**		**67,64**		**76,13**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	241	268	**207,86**	381	**234,79**	500	**273,35**	616	**300,00**	732	**333,94**
5	306	335	**252,47**	476	**286,13**	625	**334,33**	770	**367,64**	915	**410,07**
6	371	402	**297,08**	571	**337,47**	750	**395,31**	924	**435,28**	1098	**486,20**
7	436	469	**341,69**	666	**388,81**	875	**456,29**	1078	**502,92**	1281	**562,33**
8	501	536	**386,30**	761	**440,15**	1000	**517,27**	1232	**570,56**	1464	**638,45**
9	566	603	**430,90**	856	**491,49**	1125	**578,25**	1386	**638,20**	1647	**714,58**
10	631	669	**475,51**	951	**542,83**	1250	**639,23**	1540	**705,85**	1830	**790,71**
11	696	736	**520,12**	1047	**594,17**	1375	**700,21**	1694	**773,49**	2013	**866,84**
12	761	803	**564,73**	1142	**645,51**	1500	**761,19**	1848	**841,13**	2196	**942,97**
13	826	870	**609,34**	1237	**696,84**	1625	**822,18**	2002	**908,77**	2379	**1.019,09**
14	891	937	**653,94**	1332	**748,18**	1750	**883,16**	2156	**976,41**	2562	**1.095,22**
15	956	1004	**698,55**	1427	**799,52**	1875	**944,14**	2310	**1.044,05**	2745	**1.171,35**
16	1021	1071	**743,16**	1522	**850,86**	2000	**1.005,12**	2464	**1.120,11**	2928	**1.255,89**
17	1086	1138	**787,77**	1617	**902,20**	2125	**1.066,10**	2618	**1.187,75**	3111	**1.332,02**
18	1151	1205	**832,38**	1712	**953,54**	2250	**1.127,08**	2772	**1.255,39**	3294	**1.408,14**
19	1216	1272	**876,99**	1807	**1.004,88**	2375	**1.188,06**	2926	**1.323,03**	3477	**1.484,27**
20	1281	1338	**921,59**	1902	**1.056,22**	2500	**1.249,04**	3080	**1.390,67**	3660	**1.560,40**
21	1346	1405	**966,20**	1998	**1.107,56**	2625	**1.310,02**	3234	**1.458,31**	3843	**1.636,53**
22	1411	1472	**1.010,81**	2093	**1.158,90**	2750	**1.371,00**	3388	**1.525,96**	4026	**1.712,66**
23	1476	1539	**1.063,83**	2188	**1.218,65**	2875	**1.440,39**	3542	**1.593,60**	4209	**1.788,78**
24	1541	1606	**1.108,44**	2283	**1.269,99**	3000	**1.501,37**	3696	**1.661,24**	4392	**1.864,91**
25	1606	1673	**1.153,05**	2378	**1.321,33**	3125	**1.562,35**	3850	**1.728,88**	4575	**1.941,04**
26	1671	1740	**1.197,65**	2473	**1.372,67**	3250	**1.623,33**	4004	**1.796,52**	4758	**2.017,17**
27	1736	1807	**1.242,26**	2568	**1.424,01**	3375	**1.684,31**	4158	**1.864,16**	4941	**2.093,30**
28	1801	1874	**1.286,87**	2663	**1.475,35**	3500	**1.745,29**	4312	**1.931,80**	5124	**2.169,42**
29	1866	1941	**1.331,48**	2758	**1.526,69**	3625	**1.806,27**	4466	**1.999,45**	5307	**2.245,55**
30	1931	2008	**1.376,09**	2853	**1.578,03**	3750	**1.867,25**	4620	**2.077,90**	5490	**2.332,49**
31	1996	2074	**1.420,69**	2949	**1.629,37**	3875	**1.928,23**	4774	**2.145,54**	5673	**2.408,62**
32	2061	2141	**1.465,30**	3044	**1.680,71**	4000	**1.989,21**	4928	**2.213,18**	5856	**2.484,75**
33	2126	2208	**1.509,91**	3139	**1.732,05**	4125	**2.050,19**	5082	**2.280,82**	6039	**2.560,87**
34	2191	2275	**1.554,52**	3234	**1.783,39**	4250	**2.111,17**	5236	**2.348,46**	6222	**2.637,00**
35	2256	2342	**1.599,13**	3329	**1.834,73**	4375	**2.172,15**	5390	**2.416,11**	6405	**2.713,13**
36	2321	2409	**1.643,74**	3424	**1.886,07**	4500	**2.233,13**	5544	**2.483,75**	6588	**2.789,26**
37	2386	2476	**1.688,34**	3519	**1.937,41**	4625	**2.294,11**	5698	**2.551,39**	6771	**2.865,39**
38	2451	2543	**1.732,95**	3614	**1.988,74**	4750	**2.355,10**	5852	**2.619,03**	6954	**2.941,51**
39	2516	2610	**1.777,56**	3709	**2.040,08**	4875	**2.416,08**	6006	**2.686,67**	7137	**3.017,64**
40	2581	2676	**1.832,98**	3804	**2.102,23**	5000	**2.487,87**	6160	**2.754,31**	7320	**3.093,77**

Toeslag completto voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop [3]: € 126,13

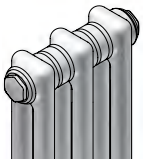
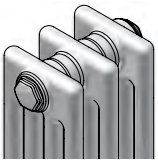
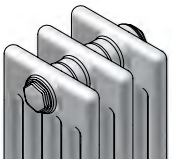
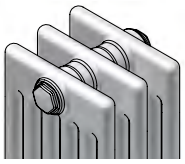
Toeslag completto voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop [3]: € 180,18

Let op! Leeggewicht radiator hoger dan 100 kg

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 71
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston Klinik

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		1000									
											
Model		**K2100**		**K3100**		**K4100**		**K5100**		**K6100**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,30		1,32		1,31		1,30		1,30	
Prijs element €		**45,33**		**52,98**		**63,19**		**70,06**		**79,12**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	241	299	**210,76**	420	**241,34**	552	**282,18**	680	**309,67**	804	**345,92**
5	306	374	**256,10**	525	**294,32**	690	**345,37**	850	**379,73**	1005	**425,05**
6	371	449	**301,43**	630	**347,30**	828	**408,56**	1020	**449,79**	1206	**504,17**
7	436	523	**346,77**	735	**400,27**	966	**471,74**	1190	**519,85**	1407	**583,29**
8	501	598	**392,10**	840	**453,25**	1104	**534,93**	1360	**589,91**	1608	**662,42**
9	566	673	**437,43**	945	**506,23**	1242	**598,12**	1530	**659,97**	1809	**741,54**
10	631	747	**482,77**	1050	**559,21**	1380	**661,31**	1700	**730,03**	2010	**820,66**
11	696	822	**528,10**	1155	**612,18**	1518	**724,50**	1870	**800,09**	2211	**899,79**
12	761	897	**573,43**	1260	**665,16**	1656	**787,68**	2040	**870,15**	2412	**978,91**
13	826	972	**618,77**	1365	**718,14**	1794	**850,87**	2210	**940,20**	2613	**1.058,03**
14	891	1046	**664,10**	1470	**771,12**	1932	**914,06**	2380	**1.010,26**	2814	**1.137,15**
15	956	1121	**709,43**	1575	**824,09**	2070	**977,25**	2550	**1.080,32**	3015	**1.216,28**
16	1021	1196	**754,77**	1680	**877,07**	2208	**1.040,43**	2720	**1.158,79**	3216	**1.303,81**
17	1086	1270	**800,10**	1785	**930,05**	2346	**1.103,62**	2890	**1.228,85**	3417	**1.382,93**
18	1151	1345	**845,43**	1890	**983,03**	2484	**1.166,81**	3060	**1.298,91**	3618	**1.462,06**
19	1216	1420	**890,77**	1995	**1.036,00**	2622	**1.230,00**	3230	**1.368,97**	3819	**1.541,18**
20	1281	1494	**936,10**	2100	**1.088,98**	2760	**1.293,19**	3400	**1.439,03**	4020	**1.620,30**
21	1346	1569	**981,44**	2205	**1.141,96**	2898	**1.356,37**	3570	**1.509,09**	4221	**1.699,43**
22	1411	1644	**1.026,77**	2310	**1.194,94**	3036	**1.419,56**	3740	**1.579,15**	4422	**1.778,55**
23	1476	1719	**1.080,51**	2415	**1.256,32**	3174	**1.491,16**	3910	**1.649,21**	4623	**1.857,67**
24	1541	1793	**1.125,85**	2520	**1.309,30**	3312	**1.554,35**	4080	**1.719,27**	4824	**1.936,80**
25	1606	1868	**1.171,18**	2625	**1.362,28**	3450	**1.617,54**	4250	**1.789,33**	5025	**2.015,92**
26	1671	1943	**1.216,51**	2730	**1.415,26**	3588	**1.680,72**	4420	**1.859,39**	5226	**2.095,04**
27	1736	2017	**1.261,85**	2835	**1.468,24**	3726	**1.743,91**	4590	**1.929,45**	5427	**2.174,17**
28	1801	2092	**1.307,18**	2940	**1.521,21**	3864	**1.807,10**	4760	**1.999,51**	5628	**2.253,29**
29	1866	2167	**1.352,51**	3045	**1.574,19**	4002	**1.870,29**	4930	**2.069,57**	5829	**2.332,41**
30	1931	2241	**1.397,85**	3150	**1.627,17**	4140	**1.933,47**	5100	**2.150,44**	6030	**2.422,35**
31	1996	2316	**1.443,18**	3255	**1.680,15**	4278	**1.996,66**	5270	**2.220,50**	6231	**2.501,47**
32	2061	2391	**1.488,52**	3360	**1.733,12**	4416	**2.059,85**	5440	**2.290,56**	6432	**2.580,59**
33	2126	2466	**1.533,85**	3465	**1.786,10**	4554	**2.123,04**	5610	**2.360,62**	6633	**2.659,72**
34	2191	2540	**1.579,18**	3570	**1.839,08**	4692	**2.186,23**	5780	**2.430,68**	6834	**2.738,84**
35	2256	2615	**1.624,52**	3675	**1.892,06**	4830	**2.249,41**	5950	**2.500,74**	7035	**2.817,96**
36	2321	2690	**1.669,85**	3780	**1.945,03**	4968	**2.312,60**	6120	**2.570,80**	7236	**2.897,09**
37	2386	2764	**1.715,18**	3885	**1.998,01**	5106	**2.375,79**	6290	**2.640,86**	7437	**2.976,21**
38	2451	2839	**1.760,52**	3990	**2.050,99**	5244	**2.438,98**	6460	**2.710,91**	7638	**3.055,33**
39	2516	2914	**1.805,85**	4095	**2.103,97**	5382	**2.502,16**	6630	**2.780,97**	7839	**3.134,45**
40	2581	2988	**1.861,99**	4200	**2.167,75**	5520	**2.576,16**	6800	**2.851,03**	8040	**3.213,58**

Toeslag completto voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop [3]: € 126,13

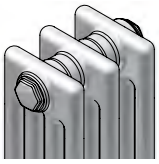
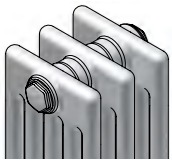
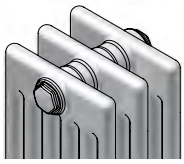
Toeslag completto voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop [3]: € 180,18

Let op! Leeggewicht radiator hoger dan 100 kg

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 71
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston Klinik

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		1100									
											
Model		**K2110**		**K3110**		**K4110**		**K5110**		**K6110**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,30		1,32		1,32		1,31		1,30	
Prijs element €		**46,98**		**55,94**		**66,46**		**75,54**		**86,39**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	241	331	**217,35**	456	**253,20**	604	**295,29**	744	**331,60**	880	**374,97**
5	306	413	**264,33**	570	**309,14**	755	**361,75**	930	**407,15**	1100	**461,36**
6	371	496	**311,31**	684	**365,08**	906	**428,21**	1116	**482,69**	1320	**547,74**
7	436	579	**358,29**	798	**421,02**	1057	**494,68**	1302	**558,23**	1540	**634,13**
8	501	661	**405,27**	912	**476,96**	1208	**561,14**	1488	**633,77**	1760	**720,51**
9	566	744	**452,24**	1026	**532,90**	1359	**627,60**	1674	**709,32**	1980	**806,90**
10	631	826	**499,22**	1140	**588,85**	1510	**694,07**	1860	**784,86**	2200	**893,28**
11	696	909	**546,20**	1254	**644,79**	1661	**760,53**	2046	**868,81**	2420	**1.063,19**
12	761	992	**593,18**	1368	**700,73**	1812	**827,00**	2232	**944,36**	2640	**1.149,57**
13	826	1074	**640,16**	1482	**765,08**	1963	**893,46**	2418	**1.019,90**	2860	**1.235,96**
14	891	1157	**687,14**	1596	**821,02**	2114	**959,92**	2604	**1.095,44**	3080	**1.322,34**
15	956	1239	**734,12**	1710	**876,96**	2265	**1.026,39**	2790	**1.170,99**	3300	**1.408,73**
16	1021	1322	**789,51**	1824	**932,91**	2416	**1.101,26**	2976	**1.246,53**	3520	**1.495,11**
17	1086	1405	**836,49**	1938	**988,85**	2567	**1.167,72**	3162	**1.322,07**	3740	**1.581,50**
18	1151	1487	**883,47**	2052	**1.044,79**	2718	**1.234,19**	3348	**1.397,61**	3960	**1.667,88**
19	1216	1570	**930,45**	2166	**1.100,73**	2869	**1.300,65**	3534	**1.473,16**	4180	**1.754,27**
20	1281	1652	**977,43**	2280	**1.156,67**	3020	**1.367,12**	3720	**1.548,70**	4400	**1.840,65**
21	1346	1735	**1.024,41**	2394	**1.212,61**	3171	**1.433,58**	3906	**1.635,05**	4620	**1.862,74**
22	1411	1818	**1.071,39**	2508	**1.268,56**	3322	**1.500,04**	4092	**1.710,60**	4840	**1.949,12**
23	1476	1900	**1.118,37**	2622	**1.324,50**	3473	**1.566,51**	4278	**1.786,14**	5060	**2.035,51**
24	1541	1983	**1.165,35**	2736	**1.380,44**	3624	**1.632,97**	4464	**1.861,68**	5280	**2.121,89**
25	1606	2065	**1.212,33**	2850	**1.436,38**	3775	**1.699,44**	4650	**1.937,23**	5500	**2.208,28**
26	1671	2148	**1.259,30**	2964	**1.492,32**	3926	**1.765,90**	4836	**2.012,77**	5720	**2.294,66**
27	1736	2231	**1.306,28**	3078	**1.548,26**	4077	**1.832,36**	5022	**2.088,31**	5940	**2.381,05**
28	1801	2313	**1.353,26**	3192	**1.604,20**	4228	**1.898,83**	5208	**2.163,85**	6160	**2.467,43**
29	1866	2396	**1.400,24**	3306	**1.660,15**	4379	**1.965,29**	5394	**2.239,40**	6380	**2.553,82**
30	1931	2478	**1.447,22**	3420	**1.716,09**	4530	**2.031,75**	5580	**2.314,94**	6600	**2.640,20**
31	1996	2561	**1.505,01**	3534	**1.782,84**	4681	**2.109,03**	5766	**2.409,10**	6820	**2.745,21**
32	2061	2644	**1.551,99**	3648	**1.838,78**	4832	**2.175,49**	5952	**2.484,65**	7040	**2.831,59**
33	2126	2726	**1.598,97**	3762	**1.894,72**	4983	**2.241,96**	6138	**2.560,19**	7260	**2.917,98**
34	2191	2809	**1.645,95**	3876	**1.950,66**	5134	**2.308,42**	6324	**2.635,73**	7480	**3.004,36**
35	2256	2891	**1.692,93**	3990	**2.006,61**	5285	**2.374,88**	6510	**2.711,28**	7700	**3.090,75**
36	2321	2974	**1.739,91**	4104	**2.062,55**	5436	**2.441,35**	6696	**2.786,82**	7920	**3.177,13**
37	2386	3057	**1.786,89**	4218	**2.118,49**	5587	**2.507,81**	6882	**2.862,36**	8140	**3.263,52**
38	2451	3139	**1.833,87**	4332	**2.174,43**	5738	**2.574,27**	7068	**2.937,90**	8360	**3.349,90**
39	2516	3222	**1.880,85**	4446	**2.230,37**	5889	**2.640,74**	7254	**3.013,45**	8580	**3.436,29**
40	2581	3304	**1.927,83**	4560	**2.286,31**	6040	**2.707,20**	7440	**3.088,99**	8800	**3.522,67**

Toeslag completto voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop [3]: € 126,13

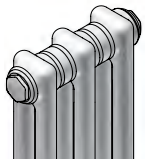
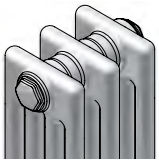
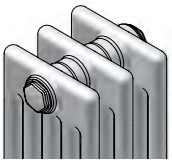
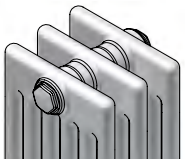
Toeslag completto voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop [3]: € 180,18

Let op! Leeggewicht radiator hoger dan 100 kg

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 71
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston Klinik

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		1200									
											
Model		**K2120**		**K3120**		**K4120**		**K5120**		**K6120**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,30		1,33		1,32		1,31		1,30	
Prijs element €		**48,63**		**60,26**		**70,80**		**81,81**		**92,68**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	241	363	**223,93**	500	**270,45**	656	**312,63**	808	**356,69**	952	**400,15**
5	306	453	**272,56**	625	**330,71**	820	**383,43**	1010	**438,50**	1190	**492,83**
6	371	544	**321,18**	750	**390,96**	984	**454,23**	1212	**520,32**	1428	**585,51**
7	436	635	**369,81**	875	**451,22**	1148	**525,03**	1414	**602,13**	1666	**678,19**
8	501	725	**418,43**	1000	**511,47**	1312	**595,83**	1616	**683,94**	1904	**770,87**
9	566	816	**467,06**	1125	**571,73**	1476	**666,64**	1818	**765,76**	2142	**863,55**
10	631	906	**515,68**	1250	**631,98**	1640	**737,44**	2020	**847,57**	2380	**956,23**
11	696	997	**564,31**	1375	**692,24**	1804	**808,24**	2222	**937,80**	2618	**1.132,43**
12	761	1088	**612,93**	1500	**752,49**	1968	**879,04**	2424	**1.019,61**	2856	**1.225,11**
13	826	1178	**661,56**	1625	**821,16**	2132	**949,84**	2626	**1.101,42**	3094	**1.317,79**
14	891	1269	**710,18**	1750	**881,41**	2296	**1.020,64**	2828	**1.183,24**	3332	**1.410,47**
15	956	1359	**758,81**	1875	**941,67**	2460	**1.091,44**	3030	**1.265,05**	3570	**1.503,15**
16	1021	1450	**815,84**	2000	**1.001,92**	2624	**1.170,65**	3232	**1.346,87**	3808	**1.595,83**
17	1086	1541	**864,47**	2125	**1.062,18**	2788	**1.241,45**	3434	**1.428,68**	4046	**1.688,51**
18	1151	1631	**913,09**	2250	**1.122,43**	2952	**1.312,25**	3636	**1.510,50**	4284	**1.781,18**
19	1216	1722	**961,72**	2375	**1.182,69**	3116	**1.383,05**	3838	**1.592,31**	4522	**1.873,86**
20	1281	1812	**1.010,34**	2500	**1.242,94**	3280	**1.453,85**	4040	**1.674,12**	4760	**1.966,54**
21	1346	1903	**1.058,97**	2625	**1.303,20**	3444	**1.524,65**	4242	**1.766,75**	4998	**1.994,92**
22	1411	1994	**1.107,59**	2750	**1.363,45**	3608	**1.595,45**	4444	**1.848,56**	5236	**2.087,60**
23	1476	2084	**1.156,22**	2875	**1.423,71**	3772	**1.666,25**	4646	**1.930,38**	5474	**2.180,28**
24	1541	2175	**1.204,84**	3000	**1.483,96**	3936	**1.737,05**	4848	**2.012,19**	5712	**2.272,96**
25	1606	2265	**1.253,47**	3125	**1.544,22**	4100	**1.807,86**	5050	**2.094,01**	5950	**2.365,64**
26	1671	2356	**1.302,10**	3250	**1.604,47**	4264	**1.878,66**	5252	**2.175,82**	6188	**2.458,32**
27	1736	2447	**1.350,72**	3375	**1.664,73**	4428	**1.949,46**	5454	**2.257,63**	6426	**2.551,00**
28	1801	2537	**1.399,35**	3500	**1.724,98**	4592	**2.020,26**	5656	**2.339,45**	6664	**2.643,68**
29	1866	2628	**1.447,97**	3625	**1.785,24**	4756	**2.091,06**	5858	**2.421,26**	6902	**2.736,36**
30	1931	2718	**1.496,60**	3750	**1.845,49**	4920	**2.161,86**	6060	**2.503,08**	7140	**2.829,04**
31	1996	2809	**1.556,03**	3875	**1.916,56**	5084	**2.243,47**	6262	**2.603,51**	7378	**2.940,34**
32	2061	2900	**1.604,66**	4000	**1.976,81**	5248	**2.314,27**	6464	**2.685,32**	7616	**3.033,02**
33	2126	2990	**1.653,28**	4125	**2.037,07**	5412	**2.385,07**	6666	**2.767,14**	7854	**3.125,70**
34	2191	3081	**1.701,91**	4250	**2.097,32**	5576	**2.455,87**	6868	**2.848,95**	8092	**3.218,38**
35	2256	3171	**1.750,53**	4375	**2.157,58**	5740	**2.526,67**	7070	**2.930,77**	8330	**3.311,06**
36	2321	3262	**1.799,16**	4500	**2.217,83**	5904	**2.597,47**	7272	**3.012,58**	8568	**3.403,74**
37	2386	3353	**1.847,78**	4625	**2.278,09**	6068	**2.668,27**	7474	**3.094,40**	8806	**3.496,42**
38	2451	3443	**1.896,41**	4750	**2.338,34**	6232	**2.739,07**	7676	**3.176,21**	9044	**3.589,09**
39	2516	3534	**1.945,03**	4875	**2.398,60**	6396	**2.809,87**	7878	**3.258,02**	9282	**3.681,77**
40	2581	3624	**1.993,66**	5000	**2.458,85**	6560	**2.880,67**	8080	**3.339,84**	9520	**3.774,45**

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Toeslag completto voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop [3]: € 180,18

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[1] Toeslag voor kleur naar wens + 20%
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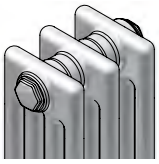
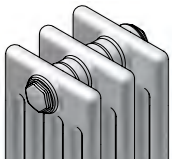
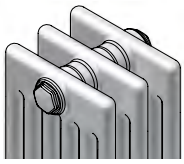
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston Klinik

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		1500									
											
Model		**K2150**		**K3150**		**K4150**		**K5150**		**K6150**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,33		1,33		1,31		1,30		1,31	
Prijs element €		**54,41**		**69,06**		**83,77**		**98,05**		**112,95**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	241	460	**247,08**	636	**305,67**	808	**364,52**	988	**421,61**	1172	**481,24**
5	306	575	**301,49**	795	**374,74**	1010	**448,29**	1235	**519,66**	1465	**594,19**
6	371	690	**355,91**	954	**443,80**	1212	**532,06**	1482	**617,71**	1758	**707,14**
7	436	805	**410,32**	1113	**512,86**	1414	**615,83**	1729	**715,75**	2051	**820,09**
8	501	920	**464,73**	1272	**581,92**	1616	**699,61**	1976	**813,80**	2344	**933,04**
9	566	1035	**519,15**	1431	**650,98**	1818	**783,38**	2223	**911,84**	2637	**1.046,00**
10	631	1150	**573,56**	1590	**720,04**	2020	**867,15**	2470	**1.009,89**	2930	**1.158,95**
11	696	1265	**627,97**	1749	**789,10**	2222	**950,92**	2717	**1.116,35**	3223	**1.355,42**
12	761	1380	**682,38**	1908	**858,16**	2424	**1.034,69**	2964	**1.214,39**	3516	**1.468,37**
13	826	1495	**736,80**	2067	**935,64**	2626	**1.118,47**	3211	**1.312,44**	3809	**1.581,33**
14	891	1610	**791,21**	2226	**1.004,70**	2828	**1.202,24**	3458	**1.410,48**	4102	**1.694,28**
15	956	1725	**845,62**	2385	**1.073,76**	3030	**1.286,01**	3705	**1.508,53**	4395	**1.807,23**
16	1021	1840	**908,44**	2544	**1.142,82**	3232	**1.378,19**	3952	**1.606,58**	4688	**1.920,18**
17	1086	1955	**962,86**	2703	**1.211,88**	3434	**1.461,96**	4199	**1.704,62**	4981	**2.033,13**
18	1151	2070	**1.017,27**	2862	**1.280,94**	3636	**1.545,74**	4446	**1.802,67**	5274	**2.146,08**
19	1216	2185	**1.071,68**	3021	**1.350,00**	3838	**1.629,51**	4693	**1.900,71**	5567	**2.259,04**
20	1281	2300	**1.126,10**	3180	**1.419,06**	4040	**1.713,28**	4940	**1.998,76**	5860	**2.371,99**
21	1346	2415	**1.180,51**	3339	**1.488,13**	4242	**1.797,05**	5187	**2.107,62**	6153	**2.420,64**
22	1411	2530	**1.234,92**	3498	**1.557,19**	4444	**1.880,82**	5434	**2.205,66**	6446	**2.533,59**
23	1476	2645	**1.289,33**	3657	**1.626,25**	4646	**1.964,60**	5681	**2.303,71**	6739	**2.646,54**
24	1541	2760	**1.343,75**	3816	**1.695,31**	4848	**2.048,37**	5928	**2.401,75**	7032	**2.759,49**
25	1606	2875	**1.398,16**	3975	**1.764,37**	5050	**2.132,14**	6175	**2.499,80**	7325	**2.872,45**
26	1671	2990	**1.452,57**	4134	**1.833,43**	5252	**2.215,91**	6422	**2.597,85**	7618	**2.985,40**
27	1736	3105	**1.506,99**	4293	**1.902,49**	5454	**2.299,68**	6669	**2.695,89**	7911	**3.098,35**
28	1801	3220	**1.561,40**	4452	**1.971,55**	5656	**2.383,46**	6916	**2.793,94**	8204	**3.211,30**
29	1866	3335	**1.615,81**	4611	**2.040,61**	5858	**2.467,23**	7163	**2.891,98**	8497	**3.324,25**
30	1931	3450	**1.670,22**	4770	**2.109,68**	6060	**2.551,00**	7410	**2.990,03**	8790	**3.437,20**
31	1996	3565	**1.735,45**	4929	**2.189,55**	6262	**2.645,58**	7657	**3.106,70**	9083	**3.568,78**
32	2061	3680	**1.789,86**	5088	**2.258,61**	6464	**2.729,35**	7904	**3.204,74**	9376	**3.681,73**
33	2126	3795	**1.844,27**	5247	**2.327,67**	6666	**2.813,13**	8151	**3.302,79**	9669	**3.794,68**
34	2191	3910	**1.898,69**	5406	**2.396,73**	6868	**2.896,90**	8398	**3.400,83**	9962	**3.907,63**
35	2256	4025	**1.953,10**	5565	**2.465,79**	7070	**2.980,67**	8645	**3.498,88**	10255	**4.020,58**
36	2321	4140	**2.007,51**	5724	**2.534,85**	7272	**3.064,44**	8892	**3.596,93**	10548	**4.133,53**
37	2386	4255	**2.061,92**	5883	**2.603,91**	7474	**3.148,21**	9139	**3.694,97**	10841	**4.246,49**
38	2451	4370	**2.116,34**	6042	**2.672,98**	7676	**3.231,99**	9386	**3.793,02**	11134	**4.359,44**
39	2516	4485	**2.170,75**	6201	**2.742,04**	7878	**3.315,76**	9633	**3.891,06**	11427	**4.472,39**
40	2581	4600	**2.225,16**	6360	**2.811,10**	8080	**3.399,53**	9880	**3.989,11**	11720	**4.585,34**

Toeslag completto voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop [3]: € 126,13

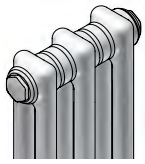
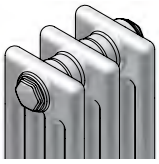
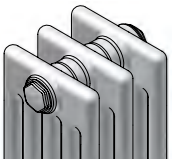
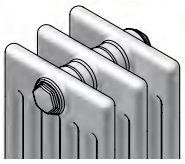
Toeslag completto voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop [3]: € 180,18

Let op! Leeggewicht radiator hoger dan 100 kg

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 71
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston Klinik

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		1800									
											
Model		**K2180**		**K3180**		**K4180**		**K5180**		**K6180**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,35		1,34		1,31		1,29		1,32	
Prijs element €		**59,35**		**78,13**		**93,92**		**109,83**		**126,93**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	241	564	**266,83**	768	**341,96**	960	**405,11**	1172	**468,76**	1396	**537,15**
5	306	705	**326,18**	960	**420,09**	1200	**499,03**	1465	**578,59**	1745	**664,08**
6	371	846	**385,53**	1152	**498,23**	1440	**592,95**	1758	**688,42**	2094	**791,01**
7	436	987	**444,88**	1344	**576,36**	1680	**686,87**	2051	**798,25**	2443	**917,94**
8	501	1128	**504,23**	1536	**654,49**	1920	**780,79**	2344	**908,08**	2792	**1.044,87**
9	566	1269	**563,58**	1728	**732,62**	2160	**874,71**	2637	**1.017,92**	3141	**1.171,79**
10	631	1410	**622,93**	1920	**810,76**	2400	**968,63**	2930	**1.127,75**	3490	**1.298,72**
11	696	1551	**682,28**	2112	**888,89**	2640	**1.062,55**	3223	**1.245,99**	3839	**1.434,06**
12	761	1692	**750,04**	2304	**975,43**	2880	**1.164,88**	3516	**1.355,82**	4188	**1.560,99**
13	826	1833	**809,39**	2496	**1.053,56**	3120	**1.258,80**	3809	**1.465,65**	4537	**1.687,92**
14	891	1974	**868,74**	2688	**1.131,70**	3360	**1.352,72**	4102	**1.575,49**	4886	**1.814,85**
15	956	2115	**928,09**	2880	**1.209,83**	3600	**1.446,64**	4395	**1.685,32**	5235	**1.941,78**
16	1021	2256	**987,44**	3072	**1.287,96**	3840	**1.540,56**	4688	**1.795,15**	5584	**2.068,71**
17	1086	2397	**1.046,79**	3264	**1.366,09**	4080	**1.634,48**	4981	**1.915,79**	5933	**2.206,45**
18	1151	2538	**1.106,14**	3456	**1.444,23**	4320	**1.728,40**	5274	**2.025,62**	6282	**2.333,38**
19	1216	2679	**1.165,49**	3648	**1.533,17**	4560	**1.822,32**	5567	**2.135,45**	6631	**2.460,31**
20	1281	2820	**1.224,84**	3840	**1.611,30**	4800	**1.916,24**	5860	**2.245,29**	6980	**2.587,24**
21	1346	2961	**1.284,19**	4032	**1.689,43**	5040	**2.010,16**	6153	**2.355,12**	7329	**2.714,17**
22	1411	3102	**1.354,35**	4224	**1.767,57**	5280	**2.114,89**	6446	**2.483,57**	7678	**2.859,72**
23	1476	3243	**1.413,70**	4416	**1.845,70**	5520	**2.208,81**	6739	**2.593,40**	8027	**2.986,65**
24	1541	3384	**1.473,05**	4608	**1.923,83**	5760	**2.302,73**	7032	**2.703,23**	8376	**3.113,58**
25	1606	3525	**1.532,41**	4800	**2.001,97**	6000	**2.396,65**	7325	**2.813,07**	8725	**3.240,51**
26	1671	3666	**1.591,76**	4992	**2.080,10**	6240	**2.490,56**	7618	**2.922,90**	9074	**3.367,43**
27	1736	3807	**1.651,11**	5184	**2.158,23**	6480	**2.584,48**	7911	**3.032,73**	9423	**3.494,36**
28	1801	3948	**1.710,46**	5376	**2.236,36**	6720	**2.678,40**	8204	**p.o.a.**	9772	**p.o.a.**
29	1866	4089	**1.769,81**	5568	**2.314,50**	6960	**2.772,32**	8497	**p.o.a.**	10121	**p.o.a.**
30	1931	4230	**1.829,16**	5760	**2.392,63**	7200	**2.866,24**	8790	**p.o.a.**	10470	**p.o.a.**
31	1996	4371	**1.888,51**	5952	**2.470,76**	7440	**2.960,16**	9083	**p.o.a.**	10819	**p.o.a.**
32	2061	4512	**1.966,48**	6144	**2.548,89**	7680	**3.072,70**	9376	**p.o.a.**	11168	**p.o.a.**
33	2126	4653	**2.025,83**	6336	**2.627,03**	7920	**3.166,62**	9669	**p.o.a.**	11517	**p.o.a.**
34	2191	4794	**2.085,18**	6528	**2.705,16**	8160	**3.260,54**	9962	**p.o.a.**	11866	**p.o.a.**
35	2256	4935	**2.144,53**	6720	**2.783,29**	8400	**3.354,46**	10255	**p.o.a.**	12215	**p.o.a.**
36	2321	5076	**2.203,88**	6912	**2.861,42**	8640	**3.448,38**	10548	**p.o.a.**	12564	**p.o.a.**
37	2386	5217	**2.263,23**	7104	**2.939,56**	8880	**3.542,30**	10841	**p.o.a.**	12913	**p.o.a.**
38	2451	5358	**2.322,58**	7296	**3.017,69**	9120	**3.636,22**	11134	**p.o.a.**	13262	**p.o.a.**
39	2516	5499	**2.381,93**	7488	**3.095,82**	9360	**3.730,14**	11427	**p.o.a.**	13611	**p.o.a.**
40	2581	5640	**2.441,28**	7680	**3.173,95**	9600	**3.824,06**	11720	**p.o.a.**	13960	**p.o.a.**

Toeslag completto voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop [3]: € 126,13

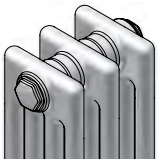
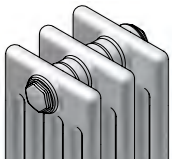
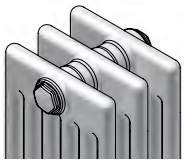
Toeslag completto voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop [3]: € 180,18

Let op! Leeggewicht radiator hoger dan 100 kg

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 71
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.
p.o.a. = prijs op aanvraag

Zehnder Charleston Klinik

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		2000									
											
Model		**K2200**		**K3200**		**K4200**		**K5200**		**K6200**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,34		1,33		1,32		1,31		1,31	
Prijs element €		**63,52**		**82,01**		**101,06**		**118,49**		**136,91**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	241	628	**283,49**	856	**357,47**	1064	**433,69**	1292	**503,39**	1544	**577,08**
5	306	785	**347,01**	1070	**439,48**	1330	**534,75**	1615	**621,88**	1930	**714,00**
6	371	942	**410,52**	1284	**521,49**	1596	**635,82**	1938	**740,37**	2316	**850,91**
7	436	1099	**474,04**	1498	**603,49**	1862	**736,88**	2261	**858,86**	2702	**987,82**
8	501	1256	**537,55**	1712	**685,50**	2128	**837,95**	2584	**977,35**	3088	**1.124,74**
9	566	1413	**601,07**	1926	**767,51**	2394	**939,01**	2907	**1.095,84**	3474	**1.261,65**
10	631	1570	**664,58**	2140	**849,52**	2660	**1.040,08**	3230	**1.214,33**	3860	**1.398,56**
11	696	1727	**728,10**	2354	**931,53**	2926	**1.141,14**	3553	**1.341,23**	4246	**1.543,89**
12	761	1884	**800,02**	2568	**1.021,95**	3192	**1.250,62**	3876	**1.459,72**	4632	**1.680,80**
13	826	2041	**863,54**	2782	**1.103,96**	3458	**1.351,68**	4199	**1.578,21**	5018	**1.817,71**
14	891	2198	**927,06**	2996	**1.185,97**	3724	**1.452,74**	4522	**1.696,70**	5404	**1.954,63**
15	956	2355	**990,57**	3210	**1.267,98**	3990	**1.553,81**	4845	**1.815,19**	5790	**2.091,54**
16	1021	2512	**1.054,09**	3424	**1.349,99**	4256	**1.654,87**	5168	**1.933,68**	6176	**2.228,45**
17	1086	2669	**1.117,60**	3638	**1.432,00**	4522	**1.755,94**	5491	**2.062,98**	6562	**2.376,18**
18	1151	2826	**1.181,12**	3852	**1.514,01**	4788	**1.857,00**	5814	**2.181,47**	6948	**2.513,09**
19	1216	2983	**1.244,63**	4066	**1.606,82**	5054	**1.958,07**	6137	**2.299,96**	7334	**2.650,00**
20	1281	3140	**1.308,15**	4280	**1.688,83**	5320	**2.059,13**	6460	**2.418,45**	7720	**2.786,92**
21	1346	3297	**1.371,66**	4494	**1.770,84**	5586	**2.160,20**	6783	**2.536,94**	8106	**2.923,83**
22	1411	3454	**1.445,99**	4708	**1.852,85**	5852	**2.272,07**	7106	**2.674,05**	8492	**3.079,36**
23	1476	3611	**1.509,50**	4922	**1.934,86**	6118	**2.373,14**	7429	**2.792,54**	8878	**3.216,28**
24	1541	3768	**1.573,02**	5136	**2.016,87**	6384	**2.474,20**	7752	**2.911,03**	9264	**3.353,19**
25	1606	3925	**1.636,54**	5350	**2.098,88**	6650	**2.575,27**	8075	**3.029,52**	9650	**3.490,11**
26	1671	4082	**1.700,05**	5564	**2.180,89**	6916	**2.676,33**	8398	**3.148,00**	10036	**3.627,02**
27	1736	4239	**1.763,57**	5778	**2.262,90**	7182	**2.777,39**	8721	**3.266,49**	10422	**3.763,93**
28	1801	4396	**1.827,08**	5992	**2.344,91**	7448	**2.878,46**	9044	**p.o.a.**	10808	**p.o.a.**
29	1866	4553	**1.890,60**	6206	**2.426,92**	7714	**2.979,52**	9367	**p.o.a.**	11194	**p.o.a.**
30	1931	4710	**1.954,11**	6420	**2.508,93**	7980	**3.080,59**	9690	**p.o.a.**	11580	**p.o.a.**
31	1996	4867	**2.017,63**	6634	**2.590,94**	8246	**3.181,65**	10013	**p.o.a.**	11966	**p.o.a.**
32	2061	5024	**2.099,76**	6848	**2.672,94**	8512	**3.301,34**	10336	**p.o.a.**	12352	**p.o.a.**
33	2126	5181	**2.163,28**	7062	**2.754,95**	8778	**3.402,40**	10659	**p.o.a.**	12738	**p.o.a.**
34	2191	5338	**2.226,79**	7276	**2.836,96**	9044	**3.503,47**	10982	**p.o.a.**	13124	**p.o.a.**
35	2256	5495	**2.290,31**	7490	**2.918,97**	9310	**3.604,53**	11305	**p.o.a.**	13510	**p.o.a.**
36	2321	5652	**2.353,82**	7704	**3.000,98**	9576	**3.705,60**	11628	**p.o.a.**	13896	**p.o.a.**
37	2386	5809	**2.417,34**	7918	**3.082,99**	9842	**3.806,66**	11951	**p.o.a.**	14282	**p.o.a.**
38	2451	5966	**2.480,86**	8132	**3.165,00**	10108	**3.907,72**	12274	**p.o.a.**	14668	**p.o.a.**
39	2516	6123	**2.544,37**	8346	**3.247,01**	10374	**4.008,79**	12597	**p.o.a.**	15054	**p.o.a.**
40	2581	6280	**2.607,89**	8560	**3.329,02**	10640	**4.109,85**	12920	**p.o.a.**	15440	**p.o.a.**

Toeslag completto voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop [3]: € 126,13

Toeslag completto voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop [3]: € 180,18

Let op! Leeggewicht radiator hoger dan 100 kg

[1] Toeslag voor kleur naar wens + 20%
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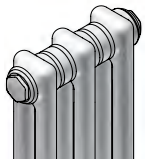
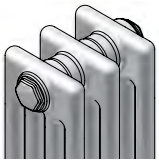
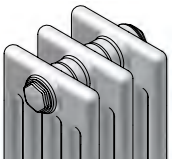
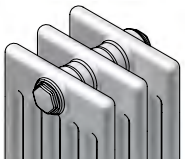
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.
p.o.a. = prijs op aanvraag

Zehnder Charleston Klinik

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		2200									
											
Model		**K2220**		**K3220**		**K4220**		**K5220**		**K6220**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,34		1,33		1,32		1,31		1,31	
Prijs element €		**67,03**		**87,72**		**107,73**		**126,52**		**146,84**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	241	692	**297,56**	940	**380,31**	1164	**460,36**	1420	**535,49**	1692	**616,77**
5	306	865	**364,60**	1175	**468,02**	1455	**568,10**	1775	**662,01**	2115	**763,61**
6	371	1038	**431,63**	1410	**555,74**	1746	**675,83**	2130	**788,53**	2538	**910,44**
7	436	1211	**498,66**	1645	**643,46**	2037	**783,57**	2485	**915,04**	2961	**1.057,28**
8	501	1384	**565,70**	1880	**731,18**	2328	**891,30**	2840	**1.041,56**	3384	**1.204,11**
9	566	1557	**632,73**	2115	**818,90**	2619	**999,03**	3195	**1.168,07**	3807	**1.350,95**
10	631	1730	**699,76**	2350	**906,62**	2910	**1.106,77**	3550	**1.294,59**	4230	**1.497,78**
11	696	1903	**766,80**	2585	**994,34**	3201	**1.214,50**	3905	**1.429,52**	4653	**1.653,03**
12	761	2076	**842,24**	2820	**1.090,47**	3492	**1.330,64**	4260	**1.556,03**	5076	**1.799,86**
13	826	2249	**909,27**	3055	**1.178,18**	3783	**1.438,38**	4615	**1.682,55**	5499	**1.946,70**
14	891	2422	**976,30**	3290	**1.265,90**	4074	**1.546,11**	4970	**1.809,06**	5922	**2.093,53**
15	956	2595	**1.043,34**	3525	**1.353,62**	4365	**1.653,84**	5325	**1.935,58**	6345	**2.240,37**
16	1021	2768	**1.110,37**	3760	**1.441,34**	4656	**1.761,58**	5680	**2.062,10**	6768	**2.387,20**
17	1086	2941	**1.177,40**	3995	**1.529,06**	4947	**1.869,31**	6035	**2.199,42**	7191	**2.544,85**
18	1151	3114	**1.244,44**	4230	**1.616,78**	5238	**1.977,04**	6390	**2.325,94**	7614	**2.691,68**
19	1216	3287	**1.311,47**	4465	**1.715,31**	5529	**2.084,78**	6745	**2.452,45**	8037	**2.838,52**
20	1281	3460	**1.378,50**	4700	**1.803,03**	5820	**2.192,51**	7100	**2.578,97**	8460	**2.985,35**
21	1346	3633	**1.445,54**	4935	**1.890,74**	6111	**2.300,25**	7455	**2.705,49**	8883	**3.132,19**
22	1411	3806	**1.523,38**	5170	**1.978,46**	6402	**2.418,79**	7810	**2.850,62**	9306	**3.297,64**
23	1476	3979	**1.590,41**	5405	**2.066,18**	6693	**2.526,52**	8165	**2.977,14**	9729	**3.444,48**
24	1541	4152	**1.657,45**	5640	**2.153,90**	6984	**2.634,26**	8520	**3.103,65**	10152	**3.591,31**
25	1606	4325	**1.724,48**	5875	**2.241,62**	7275	**2.741,99**	8875	**3.230,17**	10575	**3.738,15**
26	1671	4498	**1.791,51**	6110	**2.329,34**	7566	**2.849,72**	9230	**3.356,69**	10998	**3.884,98**
27	1736	4671	**1.858,55**	6345	**2.417,06**	7857	**2.957,46**	9585	**3.483,20**	11421	**4.031,82**
28	1801	4844	**1.925,58**	6580	**2.504,78**	8148	**3.065,19**	9940	**p.o.a.**	11844	**p.o.a.**
29	1866	5017	**1.992,61**	6815	**2.592,50**	8439	**3.172,92**	10295	**p.o.a.**	12267	**p.o.a.**
30	1931	5190	**2.059,65**	7050	**2.680,21**	8730	**3.280,66**	10650	**p.o.a.**	12690	**p.o.a.**
31	1996	5363	**2.126,68**	7285	**2.767,93**	9021	**3.388,39**	11005	**p.o.a.**	13113	**p.o.a.**
32	2061	5536	**2.212,33**	7520	**2.855,65**	9312	**3.514,75**	11360	**p.o.a.**	13536	**p.o.a.**
33	2126	5709	**2.279,37**	7755	**2.943,37**	9603	**3.622,48**	11715	**p.o.a.**	13959	**p.o.a.**
34	2191	5882	**2.346,40**	7990	**3.031,09**	9894	**3.730,21**	12070	**p.o.a.**	14382	**p.o.a.**
35	2256	6055	**2.413,43**	8225	**3.118,81**	10185	**3.837,95**	12425	**p.o.a.**	14805	**p.o.a.**
36	2321	6228	**2.480,47**	8460	**3.206,53**	10476	**3.945,68**	12780	**p.o.a.**	15228	**p.o.a.**
37	2386	6401	**2.547,50**	8695	**3.294,25**	10767	**4.053,41**	13135	**p.o.a.**	15651	**p.o.a.**
38	2451	6574	**2.614,53**	8930	**3.381,96**	11058	**4.161,15**	13490	**p.o.a.**	16074	**p.o.a.**
39	2516	6747	**2.681,56**	9165	**3.469,68**	11349	**4.268,88**	13845	**p.o.a.**	16497	**p.o.a.**
40	2581	6920	**2.748,60**	9400	**3.557,40**	11640	**4.376,61**	14200	**p.o.a.**	16920	**p.o.a.**

Toeslag completto voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop [3]: € 126,13

Toeslag completto voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop [3]: € 180,18

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[1] Toeslag voor kleur naar wens + 20%
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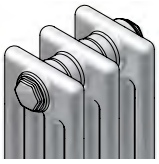
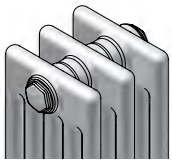
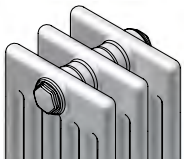
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.
p.o.a. = prijs op aanvraag

Zehnder Charleston Klinik

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		2500									
											
Model		**K2250**		**K3250**		**K4250**		**K5250**		**K6250**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,33		1,33		1,32		1,31		1,30	
Prijs element €		**72,16**		**96,17**		**117,82**		**138,74**		**161,71**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	241	780	**318,06**	1056	**414,13**	1320	**500,71**	1612	**584,38**	1924	**676,27**
5	306	975	**390,22**	1320	**510,30**	1650	**618,53**	2015	**723,12**	2405	**837,98**
6	371	1170	**462,38**	1584	**606,47**	1980	**736,34**	2418	**861,86**	2886	**999,69**
7	436	1365	**534,53**	1848	**702,65**	2310	**854,16**	2821	**1.000,60**	3367	**1.161,40**
8	501	1560	**606,69**	2112	**798,82**	2640	**971,98**	3224	**1.139,34**	3848	**1.323,11**
9	566	1755	**678,85**	2376	**895,00**	2970	**1.089,80**	3627	**1.278,08**	4329	**1.484,82**
10	631	1950	**751,01**	2640	**991,17**	3300	**1.207,62**	4030	**1.416,82**	4810	**1.646,53**
11	696	2145	**823,17**	2904	**1.087,34**	3630	**1.325,44**	4433	**1.563,96**	5291	**1.816,65**
12	761	2340	**903,73**	3168	**1.191,93**	3960	**1.451,67**	4836	**1.702,70**	5772	**1.978,36**
13	826	2535	**975,89**	3432	**1.288,10**	4290	**1.569,49**	5239	**1.841,44**	6253	**2.140,06**
14	891	2730	**1.048,05**	3696	**1.384,28**	4620	**1.687,31**	5642	**1.980,18**	6734	**2.301,77**
15	956	2925	**1.120,21**	3960	**1.480,45**	4950	**1.805,13**	6045	**2.118,92**	7215	**2.463,48**
16	1021	3120	**1.192,36**	4224	**1.576,62**	5280	**1.922,94**	6448	**2.257,66**	7696	**2.625,19**
17	1086	3315	**1.264,52**	4488	**1.672,80**	5610	**2.040,76**	6851	**2.407,21**	8177	**2.797,71**
18	1151	3510	**1.336,68**	4752	**1.768,97**	5940	**2.158,58**	7254	**2.545,94**	8658	**2.959,42**
19	1216	3705	**1.408,84**	5016	**1.875,96**	6270	**2.276,40**	7657	**2.684,68**	9139	**3.121,13**
20	1281	3900	**1.481,00**	5280	**1.972,13**	6600	**2.394,22**	8060	**2.823,42**	9620	**3.282,84**
21	1346	4095	**1.553,15**	5544	**2.068,30**	6930	**2.512,04**	8463	**2.962,16**	10101	**3.444,55**
22	1411	4290	**1.636,12**	5808	**2.164,48**	7260	**2.640,67**	8866	**3.119,52**	10582	**3.624,88**
23	1476	4485	**1.708,28**	6072	**2.260,65**	7590	**2.758,49**	9269	**3.258,26**	11063	**3.786,59**
24	1541	4680	**1.780,44**	6336	**2.356,83**	7920	**2.876,31**	9672	**3.397,00**	11544	**3.948,30**
25	1606	4875	**1.852,60**	6600	**2.453,00**	8250	**2.994,13**	10075	**3.535,74**	12025	**4.110,01**
26	1671	5070	**1.924,75**	6864	**2.549,17**	8580	**3.111,94**	10478	**3.674,47**	12506	**4.271,72**
27	1736	5265	**1.996,91**	7128	**2.645,35**	8910	**3.229,76**	10881	**3.813,21**	12987	**4.433,43**
28	1801	5460	**2.069,07**	7392	**2.741,52**	9240	**3.347,58**	11284	**p.o.a.**	13468	**p.o.a.**
29	1866	5655	**2.141,23**	7656	**2.837,70**	9570	**3.465,40**	11687	**p.o.a.**	13949	**p.o.a.**
30	1931	5850	**2.213,38**	7920	**2.933,87**	9900	**3.583,22**	12090	**p.o.a.**	14430	**p.o.a.**
31	1996	6045	**2.285,54**	8184	**3.030,04**	10230	**3.701,04**	12493	**p.o.a.**	14911	**p.o.a.**
32	2061	6240	**2.376,32**	8448	**3.126,22**	10560	**3.837,48**	12896	**p.o.a.**	15392	**p.o.a.**
33	2126	6435	**2.448,48**	8712	**3.222,39**	10890	**3.955,30**	13299	**p.o.a.**	15873	**p.o.a.**
34	2191	6630	**2.520,64**	8976	**3.318,57**	11220	**4.073,12**	13702	**p.o.a.**	16354	**p.o.a.**
35	2256	6825	**2.592,79**	9240	**3.414,74**	11550	**4.190,94**	14105	**p.o.a.**	16835	**p.o.a.**
36	2321	7020	**2.664,95**	9504	**3.510,91**	11880	**4.308,75**	14508	**p.o.a.**	17316	**p.o.a.**
37	2386	7215	**2.737,11**	9768	**3.607,09**	12210	**4.426,57**	14911	**p.o.a.**	17797	**p.o.a.**
38	2451	7410	**2.809,27**	10032	**3.703,26**	12540	**4.544,39**	15314	**p.o.a.**	18278	**p.o.a.**
39	2516	7605	**2.881,42**	10296	**3.799,44**	12870	**4.662,21**	15717	**p.o.a.**	18759	**p.o.a.**
40	2581	7800	**2.953,58**	10560	**3.895,61**	13200	**4.780,03**	16120	**p.o.a.**	19240	**p.o.a.**

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Toeslag completto voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop [3]: € 180,18

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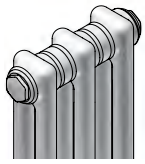
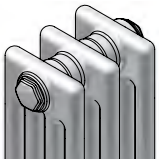
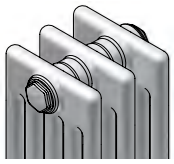
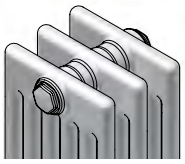
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.
p.o.a. = prijs op aanvraag

Zehnder Charleston Klinik

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		2800									
											
Model		**K2280**		**K3280**		**K4280**		**K5280**		**K6280**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,32		1,33		1,32		1,31		1,30	
Prijs element €		**78,37**		**104,25**		**129,78**		**151,26**		**177,99**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	241	876	**342,93**	1160	**446,45**	1500	**548,54**	1832	**634,46**	2148	**741,38**
5	306	1095	**421,30**	1450	**550,70**	1875	**678,31**	2290	**785,72**	2685	**919,37**
6	371	1314	**499,68**	1740	**654,96**	2250	**808,09**	2748	**936,98**	3222	**1.097,36**
7	436	1533	**578,05**	2030	**759,21**	2625	**937,86**	3206	**1.088,23**	3759	**1.275,35**
8	501	1752	**656,43**	2320	**863,47**	3000	**1.067,64**	3664	**1.239,49**	4296	**1.453,34**
9	566	1971	**734,80**	2610	**967,72**	3375	**1.197,42**	4122	**1.390,75**	4833	**1.631,32**
10	631	2190	**813,17**	2900	**1.071,98**	3750	**1.327,19**	4580	**1.542,01**	5370	**1.809,31**
11	696	2409	**891,55**	3190	**1.176,23**	4125	**1.456,97**	5038	**1.701,67**	5907	**1.995,71**
12	761	2628	**978,33**	3480	**1.288,90**	4500	**1.595,16**	5496	**1.852,93**	6444	**2.173,70**
13	826	2847	**1.056,71**	3770	**1.393,15**	4875	**1.724,93**	5954	**2.004,19**	6981	**2.351,69**
14	891	3066	**1.135,08**	4060	**1.497,41**	5250	**1.854,71**	6412	**2.155,45**	7518	**2.529,67**
15	956	3285	**1.213,46**	4350	**1.601,66**	5625	**1.984,49**	6870	**2.306,70**	8055	**2.707,66**
16	1021	3504	**1.291,83**	4640	**1.705,92**	6000	**2.114,26**	7328	**2.457,96**	8592	**2.885,65**
17	1086	3723	**1.370,20**	4930	**1.810,17**	6375	**2.244,04**	7786	**2.620,03**	9129	**3.074,45**
18	1151	3942	**1.448,58**	5220	**1.914,43**	6750	**2.373,82**	8244	**2.771,29**	9666	**3.252,44**
19	1216	4161	**1.526,95**	5510	**2.029,49**	7125	**2.503,59**	8702	**2.922,54**	10203	**3.430,43**
20	1281	4380	**1.605,33**	5800	**2.133,75**	7500	**2.633,37**	9160	**3.073,80**	10740	**3.608,41**
21	1346	4599	**1.683,70**	6090	**2.238,00**	7875	**2.763,14**	9618	**3.225,06**	11277	**3.786,40**
22	1411	4818	**1.772,89**	6380	**2.342,26**	8250	**2.903,73**	10076	**3.394,94**	11814	**3.983,01**
23	1476	5037	**1.851,26**	6670	**2.446,51**	8625	**3.033,51**	10534	**3.546,19**	12351	**4.161,00**
24	1541	5256	**1.929,64**	6960	**2.550,77**	9000	**3.163,28**	10992	**3.697,45**	12888	**4.338,99**
25	1606	5475	**2.008,01**	7250	**2.655,02**	9375	**3.293,06**	11450	**3.848,71**	13425	**4.516,98**
26	1671	5694	**2.086,38**	7540	**2.759,27**	9750	**3.422,84**	11908	**3.999,97**	13962	**4.694,96**
27	1736	5913	**2.164,76**	7830	**2.863,53**	10125	**3.552,61**	12366	**4.151,23**	14499	**4.872,95**
28	1801	6132	**2.243,13**	8120	**2.967,78**	10500	**3.682,39**	12824	**p.o.a.**	15036	**p.o.a.**
29	1866	6351	**2.321,51**	8410	**3.072,04**	10875	**3.812,17**	13282	**p.o.a.**	15573	**p.o.a.**
30	1931	6570	**2.399,88**	8700	**3.176,29**	11250	**3.941,94**	13740	**p.o.a.**	16110	**p.o.a.**
31	1996	6789	**2.478,26**	8990	**3.280,55**	11625	**4.071,72**	14198	**p.o.a.**	16647	**p.o.a.**
32	2061	7008	**2.575,25**	9280	**3.384,80**	12000	**4.220,11**	14656	**p.o.a.**	17184	**p.o.a.**
33	2126	7227	**2.653,63**	9570	**3.489,06**	12375	**4.349,89**	15114	**p.o.a.**	17721	**p.o.a.**
34	2191	7446	**2.732,00**	9860	**3.593,31**	12750	**4.479,67**	15572	**p.o.a.**	18258	**p.o.a.**
35	2256	7665	**2.810,37**	10150	**3.697,57**	13125	**4.609,44**	16030	**p.o.a.**	18795	**p.o.a.**
36	2321	7884	**2.888,75**	10440	**3.801,82**	13500	**4.739,22**	16488	**p.o.a.**	19332	**p.o.a.**
37	2386	8103	**2.967,12**	10730	**3.906,08**	13875	**4.869,00**	16946	**p.o.a.**	19869	**p.o.a.**
38	2451	8322	**3.045,50**	11020	**4.010,33**	14250	**4.998,77**	17404	**p.o.a.**	20406	**p.o.a.**
39	2516	8541	**3.123,87**	11310	**4.114,59**	14625	**5.128,55**	17862	**p.o.a.**	20943	**p.o.a.**
40	2581	8760	**3.202,25**	11600	**4.218,84**	15000	**5.258,33**	18320	**p.o.a.**	21480	**p.o.a.**

Toeslag completto voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop [3]: € 126,13

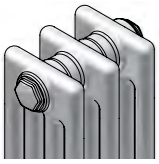
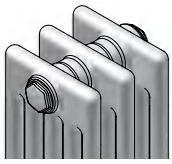
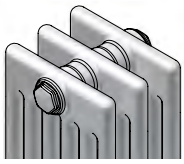
Toeslag completto voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop [3]: € 180,18

Let op! Leeggewicht radiator hoger dan 100 kg

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 71
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.
p.o.a. = prijs op aanvraag

Zehnder Charleston Klinik

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		3000									
											
Model		**K2300**		**K3300**		**K4300**		**K5300**		**K6300**	
Bouwdiepte mm		62		100		136		173		210	
Factor voor 90/70/20°C ± [2]		1,32		1,33		1,32		1,31		1,30	
Prijs element €		**81,52**		**110,38**		**136,48**		**159,46**		**186,91**	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	241	940	**355,50**	1244	**470,94**	1604	**575,37**	1960	**667,25**	2300	**777,08**
5	306	1175	**437,02**	1555	**581,32**	2005	**711,85**	2450	**826,71**	2875	**963,99**
6	371	1410	**518,54**	1866	**691,70**	2406	**848,34**	2940	**986,16**	3450	**1.150,90**
7	436	1645	**600,05**	2177	**802,07**	2807	**984,82**	3430	**1.145,62**	4025	**1.337,81**
8	501	1880	**681,57**	2488	**912,45**	3208	**1.121,31**	3920	**1.305,07**	4600	**1.524,72**
9	566	2115	**763,09**	2799	**1.022,83**	3609	**1.257,79**	4410	**1.464,53**	5175	**1.711,63**
10	631	2350	**844,61**	3110	**1.133,21**	4010	**1.394,27**	4900	**1.623,98**	5750	**1.898,54**
11	696	2585	**926,13**	3421	**1.243,59**	4411	**1.530,76**	5390	**1.791,85**	6325	**2.093,87**
12	761	2820	**1.016,05**	3732	**1.362,37**	4812	**1.675,65**	5880	**1.951,30**	6900	**2.280,78**
13	826	3055	**1.097,57**	4043	**1.472,75**	5213	**1.812,14**	6370	**2.110,76**	7475	**2.467,69**
14	891	3290	**1.179,09**	4354	**1.583,13**	5614	**1.948,62**	6860	**2.270,22**	8050	**2.654,60**
15	956	3525	**1.260,61**	4665	**1.693,51**	6015	**2.085,11**	7350	**2.429,67**	8625	**2.841,51**
16	1021	3760	**1.342,12**	4976	**1.803,88**	6416	**2.221,59**	7840	**2.589,13**	9200	**3.028,42**
17	1086	3995	**1.423,64**	5287	**1.914,26**	6817	**2.358,07**	8330	**2.759,39**	9775	**3.226,14**
18	1151	4230	**1.505,16**	5598	**2.024,64**	7218	**2.494,56**	8820	**2.918,85**	10350	**3.413,06**
19	1216	4465	**1.586,68**	5909	**2.145,83**	7619	**2.631,04**	9310	**3.078,30**	10925	**3.599,97**
20	1281	4700	**1.668,20**	6220	**2.256,21**	8020	**2.767,53**	9800	**3.237,76**	11500	**3.786,88**
21	1346	4935	**1.749,71**	6531	**2.366,58**	8421	**2.904,01**	10290	**3.397,21**	12075	**3.973,79**
22	1411	5170	**1.842,04**	6842	**2.476,96**	8822	**3.051,31**	10780	**3.575,29**	12650	**4.179,32**
23	1476	5405	**1.923,56**	7153	**2.587,34**	9223	**3.187,79**	11270	**3.734,74**	13225	**4.366,23**
24	1541	5640	**2.005,08**	7464	**2.697,72**	9624	**3.324,28**	11760	**3.894,20**	13800	**4.553,14**
25	1606	5875	**2.086,60**	7775	**2.808,10**	10025	**3.460,76**	12250	**4.053,66**	14375	**4.740,06**
26	1671	6110	**2.168,11**	8086	**2.918,47**	10426	**3.597,24**	12740	**4.213,11**	14950	**4.926,97**
27	1736	6345	**2.249,63**	8397	**3.028,85**	10827	**3.733,73**	13230	**4.372,57**	15525	**5.113,88**
28	1801	6580	**2.331,15**	8708	**3.139,23**	11228	**3.870,21**	13720	**p.o.a.**	16100	**p.o.a.**
29	1866	6815	**2.412,67**	9019	**3.249,61**	11629	**4.006,70**	14210	**p.o.a.**	16675	**p.o.a.**
30	1931	7050	**2.494,18**	9330	**3.359,98**	12030	**4.143,18**	14700	**p.o.a.**	17250	**p.o.a.**
31	1996	7285	**2.575,70**	9641	**3.470,36**	12431	**4.279,67**	15190	**p.o.a.**	17825	**p.o.a.**
32	2061	7520	**2.675,84**	9952	**3.580,74**	12832	**4.434,77**	15680	**p.o.a.**	18400	**p.o.a.**
33	2126	7755	**2.757,36**	10263	**3.691,12**	13233	**4.571,26**	16170	**p.o.a.**	18975	**p.o.a.**
34	2191	7990	**2.838,88**	10574	**3.801,50**	13634	**4.707,74**	16660	**p.o.a.**	19550	**p.o.a.**
35	2256	8225	**2.920,39**	10885	**3.911,87**	14035	**4.844,22**	17150	**p.o.a.**	20125	**p.o.a.**
36	2321	8460	**3.001,91**	11196	**4.022,25**	14436	**4.980,71**	17640	**p.o.a.**	20700	**p.o.a.**
37	2386	8695	**3.083,43**	11507	**4.132,63**	14837	**5.117,19**	18130	**p.o.a.**	21275	**p.o.a.**
38	2451	8930	**3.164,95**	11818	**4.243,01**	15238	**5.253,68**	18620	**p.o.a.**	21850	**p.o.a.**
39	2516	9165	**3.246,46**	12129	**4.353,38**	15639	**5.390,16**	19110	**p.o.a.**	22425	**p.o.a.**
40	2581	9400	**3.327,98**	12440	**4.463,76**	16040	**5.526,65**	19600	**p.o.a.**	23000	**p.o.a.**

Toeslag completto voor uitvoering ventiel boven, aansluiting onder gelijkzijdig - zonder thermostaatkop [3]: € 126,13

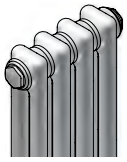
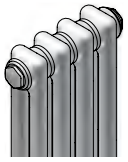
Toeslag completto voor uitvoering ventiel boven, aansluiting onder midden - zonder thermostaatkop [3]: € 180,18

Let op! Leeggewicht radiator hoger dan 100 kg

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element vanaf blz. 71
[3] Aansluitingen voor completto, zie blz. 59
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.
p.o.a. = prijs op aanvraag

Zehnder Charleston Retrofit

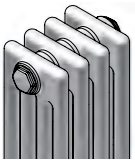
Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		408		458		558		658		958		366	
													
Model		**2041**		**2046**		**2056**		**2066**		**2096**		**3037**	
Bouwdiepte mm		62		62		62		62		62		100	
Factor voor 90/70/20°C ± [2]		1,24		1,24		1,30		1,30		1,25		1,25	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	128	**101,38**	140	**103,22**	168	**106,43**	192	**111,21**	268	**119,01**	152	**107,65**
5	230	160	**119,36**	175	**121,67**	210	**125,68**	240	**131,65**	335	**141,40**	190	**127,20**
6	276	192	**137,35**	210	**140,11**	252	**144,93**	288	**152,09**	402	**163,79**	228	**146,76**
7	322	224	**155,34**	245	**158,56**	294	**164,18**	336	**172,54**	469	**186,19**	266	**166,31**
8	368	256	**173,32**	280	**177,01**	336	**183,43**	384	**192,98**	536	**208,58**	304	**185,87**
9	414	288	**191,31**	315	**195,45**	378	**202,68**	432	**213,42**	603	**230,97**	342	**205,42**
10	460	320	**209,30**	350	**213,90**	420	**221,93**	480	**233,87**	670	**253,37**	380	**224,98**
11	506	352	**227,28**	385	**232,35**	462	**241,18**	528	**254,31**	737	**275,76**	418	**244,53**
12	552	384	**245,27**	420	**250,79**	504	**260,43**	576	**274,76**	804	**298,16**	456	**264,09**
13	598	416	**263,26**	455	**269,24**	546	**279,69**	624	**295,20**	871	**320,55**	494	**283,64**
14	644	448	**281,25**	490	**287,69**	588	**298,94**	672	**315,64**	938	**342,94**	532	**303,19**
15	690	480	**299,23**	525	**306,14**	630	**318,19**	720	**336,09**	1005	**365,34**	570	**322,75**
16	736	512	**317,22**	560	**324,58**	672	**337,44**	768	**356,53**	1072	**387,73**	608	**342,30**
17	782	544	**335,21**	595	**343,03**	714	**356,69**	816	**376,97**	1139	**410,12**	646	**361,86**
18	828	576	**353,19**	630	**361,48**	756	**375,94**	864	**397,42**	1206	**432,52**	684	**381,41**
19	874	608	**371,18**	665	**379,92**	798	**395,19**	912	**417,86**	1273	**454,91**	722	**400,97**
20	920	640	**389,17**	700	**398,37**	840	**414,44**	960	**438,31**	1340	**477,31**	760	**420,52**
21	966	672	**407,15**	735	**416,82**	882	**433,69**	1008	**458,75**	1407	**499,70**	798	**440,08**
22	1012	704	**425,14**	770	**435,26**	924	**452,94**	1056	**479,19**	1474	**522,09**	836	**459,63**
23	1058	736	**451,54**	805	**462,12**	966	**480,60**	1104	**508,05**	1541	**552,90**	874	**487,60**
24	1104	768	**469,52**	840	**480,57**	1008	**499,85**	1152	**528,49**	1608	**575,29**	912	**507,15**
25	1150	800	**487,51**	875	**499,02**	1050	**519,10**	1200	**548,94**	1675	**597,69**	950	**526,71**
26	1196	832	**505,50**	910	**517,46**	1092	**538,35**	1248	**569,38**	1742	**620,08**	988	**546,26**
27	1242	864	**523,48**	945	**535,91**	1134	**557,60**	1296	**589,82**	1809	**642,47**	1026	**565,81**
28	1288	896	**541,47**	980	**554,36**	1176	**576,85**	1344	**610,27**	1876	**664,87**	1064	**585,37**
29	1334	928	**559,46**	1015	**572,80**	1218	**596,10**	1392	**630,71**	1943	**687,26**	1102	**604,92**
30	1380	960	**577,44**	1050	**591,25**	1260	**615,35**	1440	**651,15**	2010	**709,65**	1140	**624,48**
31	1426	992	**595,43**	1085	**609,70**	1302	**634,60**	1488	**671,60**	2077	**732,05**	1178	**644,03**
32	1472	1024	**613,42**	1120	**628,14**	1344	**653,85**	1536	**692,04**	2144	**754,44**	1216	**663,59**
33	1518	1056	**631,40**	1155	**646,59**	1386	**673,10**	1584	**712,49**	2211	**776,84**	1254	**683,14**
34	1564	1088	**649,39**	1190	**665,04**	1428	**692,35**	1632	**732,93**	2278	**799,23**	1292	**702,70**
35	1610	1120	**667,38**	1225	**683,49**	1470	**711,60**	1680	**753,37**	2345	**821,62**	1330	**722,25**
36	1656	1152	**685,36**	1260	**701,93**	1512	**730,85**	1728	**773,82**	2412	**844,02**	1368	**741,81**
37	1702	1184	**703,35**	1295	**720,38**	1554	**750,10**	1776	**794,26**	2479	**866,41**	1406	**761,36**
38	1748	1216	**721,34**	1330	**738,83**	1596	**769,36**	1824	**814,70**	2546	**888,80**	1444	**780,91**
39	1794	1248	**739,33**	1365	**757,27**	1638	**788,61**	1872	**835,15**	2613	**911,20**	1482	**800,47**
40	1840	1280	**768,12**	1400	**786,53**	1680	**818,67**	1920	**866,40**	2680	**944,40**	1520	**830,83**

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element blz. 76
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston Retrofit

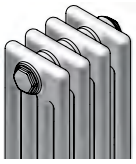
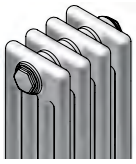
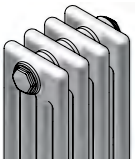
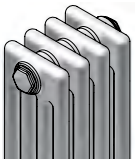
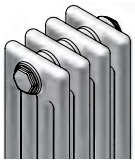
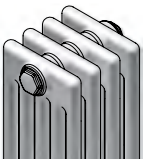
Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		416		566		666		966		1066		366	
													
Model		**3042**		**3057**		**3067**		**3097**		**3107**		**4037**	
Bouwdiepte mm		100		100		100		100		100		136	
Factor voor 90/70/20°C ± [2]		1,25		1,26		1,26		1,27		1,27		1,25	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	172	**110,08**	228	**117,01**	268	**124,18**	368	**136,07**	400	**149,67**	200	**115,64**
5	230	215	**130,25**	285	**138,90**	335	**147,87**	460	**162,73**	500	**179,74**	250	**137,19**
6	276	258	**150,41**	342	**160,80**	402	**171,56**	552	**189,39**	600	**209,80**	300	**158,74**
7	322	301	**170,57**	399	**182,69**	469	**195,25**	644	**216,05**	700	**239,86**	350	**180,29**
8	368	344	**190,73**	456	**204,59**	536	**218,94**	736	**242,71**	800	**269,92**	400	**201,84**
9	414	387	**210,90**	513	**226,48**	603	**242,63**	828	**269,37**	900	**299,98**	450	**223,39**
10	460	430	**231,06**	570	**248,38**	670	**266,32**	920	**296,03**	1000	**330,04**	500	**244,94**
11	506	473	**251,22**	627	**270,27**	737	**290,00**	1012	**322,69**	1100	**360,10**	550	**266,50**
12	552	516	**271,39**	684	**292,17**	804	**313,69**	1104	**349,35**	1200	**390,16**	600	**288,05**
13	598	559	**291,55**	741	**314,06**	871	**337,38**	1196	**376,02**	1300	**420,23**	650	**309,60**
14	644	602	**311,71**	798	**335,95**	938	**361,07**	1288	**402,68**	1400	**450,29**	700	**331,15**
15	690	645	**331,88**	855	**357,85**	1005	**384,76**	1380	**429,34**	1500	**480,35**	750	**352,70**
16	736	688	**352,04**	912	**379,74**	1072	**408,45**	1472	**456,00**	1600	**510,41**	800	**374,25**
17	782	731	**372,20**	969	**401,64**	1139	**432,14**	1564	**482,66**	1700	**540,47**	850	**395,80**
18	828	774	**392,36**	1026	**423,53**	1206	**455,82**	1656	**509,32**	1800	**570,53**	900	**417,36**
19	874	817	**412,53**	1083	**445,43**	1273	**479,51**	1748	**535,98**	1900	**600,59**	950	**438,91**
20	920	860	**432,69**	1140	**467,32**	1340	**503,20**	1840	**562,64**	2000	**630,65**	1000	**460,46**
21	966	903	**452,85**	1197	**489,22**	1407	**526,89**	1932	**589,30**	2100	**660,72**	1050	**482,01**
22	1012	946	**473,02**	1254	**511,11**	1474	**550,58**	2024	**615,96**	2200	**690,78**	1100	**503,56**
23	1058	989	**501,59**	1311	**541,42**	1541	**582,68**	2116	**651,03**	2300	**729,25**	1150	**533,52**
24	1104	1032	**521,75**	1368	**563,31**	1608	**606,37**	2208	**677,69**	2400	**759,31**	1200	**555,07**
25	1150	1075	**541,92**	1425	**585,21**	1675	**630,06**	2300	**704,35**	2500	**789,37**	1250	**576,63**
26	1196	1118	**562,08**	1482	**607,10**	1742	**653,74**	2392	**731,01**	2600	**819,43**	1300	**598,18**
27	1242	1161	**582,24**	1539	**628,99**	1809	**677,43**	2484	**757,67**	2700	**849,49**	1350	**619,73**
28	1288	1204	**602,40**	1596	**650,89**	1876	**701,12**	2576	**784,33**	2800	**879,55**	1400	**641,28**
29	1334	1247	**622,57**	1653	**672,78**	1943	**724,81**	2668	**810,99**	2900	**909,61**	1450	**662,83**
30	1380	1290	**642,73**	1710	**694,68**	2010	**748,50**	2760	**837,65**	3000	**939,68**	1500	**684,38**
31	1426	1333	**662,89**	1767	**716,57**	2077	**772,19**	2852	**864,31**	3100	**969,74**	1550	**705,93**
32	1472	1376	**683,06**	1824	**738,47**	2144	**795,88**	2944	**890,97**	3200	**999,80**	1600	**727,48**
33	1518	1419	**703,22**	1881	**760,36**	2211	**819,56**	3036	**917,63**	3300	**1.029,86**	1650	**749,04**
34	1564	1462	**723,38**	1938	**782,26**	2278	**843,25**	3128	**944,29**	3400	**1.059,92**	1700	**770,59**
35	1610	1505	**743,55**	1995	**804,15**	2345	**866,94**	3220	**970,95**	3500	**1.089,98**	1750	**792,14**
36	1656	1548	**763,71**	2052	**826,05**	2412	**890,63**	3312	**997,61**	3600	**1.120,04**	1800	**813,69**
37	1702	1591	**783,87**	2109	**847,94**	2479	**914,32**	3404	**1.024,27**	3700	**1.150,10**	1850	**835,24**
38	1748	1634	**804,03**	2166	**869,83**	2546	**938,01**	3496	**1.050,94**	3800	**1.180,17**	1900	**856,79**
39	1794	1677	**824,20**	2223	**891,73**	2613	**961,70**	3588	**1.077,60**	3900	**1.210,23**	1950	**878,34**
40	1840	1720	**855,17**	2280	**924,43**	2680	**996,19**	3680	**1.115,07**	4000	**1.251,10**	2000	**910,71**

[1] Toeslag voor kleur naar wens + 20%
[2] Technische gegevens per element blz. 76
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston Retrofit

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		416		566		666		966		1066		366	
													
Model		**4042**		**4057**		**4067**		**4097**		**4107**		**5037**	
Bouwdiepte mm		136		136		136		136		136		173	
Factor voor 90/70/20°C ± [2]		1,26		1,27		1,27		1,28		1,29		1,26	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	228	**119,01**	296	**130,14**	344	**143,31**	480	**170,67**	528	**185,96**	248	**131,49**
5	230	285	**141,40**	370	**155,32**	430	**171,78**	600	**205,98**	660	**225,09**	310	**157,00**
6	276	342	**163,79**	444	**180,50**	516	**200,25**	720	**241,29**	792	**264,23**	372	**182,51**
7	322	399	**186,19**	518	**205,68**	602	**228,72**	840	**276,60**	924	**303,36**	434	**208,03**
8	368	456	**208,58**	592	**230,86**	688	**257,19**	960	**311,91**	1056	**342,49**	496	**233,54**
9	414	513	**230,97**	666	**256,04**	774	**285,66**	1080	**347,23**	1188	**381,62**	558	**259,05**
10	460	570	**253,37**	740	**281,21**	860	**314,13**	1200	**382,54**	1320	**420,76**	620	**284,57**
11	506	627	**275,76**	814	**306,39**	946	**342,60**	1320	**417,85**	1452	**459,89**	682	**310,08**
12	552	684	**298,16**	888	**331,57**	1032	**371,07**	1440	**453,16**	1584	**499,02**	744	**335,60**
13	598	741	**320,55**	962	**356,75**	1118	**399,54**	1560	**488,47**	1716	**538,15**	806	**361,11**
14	644	798	**342,94**	1036	**381,93**	1204	**428,01**	1680	**523,78**	1848	**577,29**	868	**386,62**
15	690	855	**365,34**	1110	**407,11**	1290	**456,48**	1800	**559,09**	1980	**616,42**	930	**412,14**
16	736	912	**387,73**	1184	**432,28**	1376	**484,95**	1920	**594,40**	2112	**655,55**	992	**437,65**
17	782	969	**410,12**	1258	**457,46**	1462	**513,42**	2040	**629,71**	2244	**694,68**	1054	**463,16**
18	828	1026	**432,52**	1332	**482,64**	1548	**541,89**	2160	**665,02**	2376	**733,82**	1116	**488,68**
19	874	1083	**454,91**	1406	**507,82**	1634	**570,36**	2280	**700,33**	2508	**772,95**	1178	**514,19**
20	920	1140	**477,31**	1480	**533,00**	1720	**598,83**	2400	**735,64**	2640	**812,08**	1240	**539,71**
21	966	1197	**499,70**	1554	**558,18**	1806	**627,30**	2520	**770,95**	2772	**851,21**	1302	**565,22**
22	1012	1254	**522,09**	1628	**583,35**	1892	**655,77**	2640	**806,26**	2904	**890,35**	1364	**590,73**
23	1058	1311	**552,90**	1702	**616,94**	1978	**692,65**	2760	**849,98**	3036	**937,89**	1426	**624,66**
24	1104	1368	**575,29**	1776	**642,12**	2064	**721,12**	2880	**885,29**	3168	**977,02**	1488	**650,17**
25	1150	1425	**597,69**	1850	**667,30**	2150	**749,59**	3000	**920,61**	3300	**1.016,16**	1550	**675,69**
26	1196	1482	**620,08**	1924	**692,48**	2236	**778,06**	3120	**955,92**	3432	**1.055,29**	1612	**701,20**
27	1242	1539	**642,47**	1998	**717,66**	2322	**806,53**	3240	**991,23**	3564	**1.094,42**	1674	**726,71**
28	1288	1596	**664,87**	2072	**742,84**	2408	**835,00**	3360	**1.026,54**	3696	**1.133,55**	1736	**752,23**
29	1334	1653	**687,26**	2146	**768,01**	2494	**863,47**	3480	**1.061,85**	3828	**1.172,69**	1798	**777,74**
30	1380	1710	**709,65**	2220	**793,19**	2580	**891,94**	3600	**1.097,16**	3960	**1.211,82**	1860	**803,25**
31	1426	1767	**732,05**	2294	**818,37**	2666	**920,41**	3720	**1.132,47**	4092	**1.250,95**	1922	**828,77**
32	1472	1824	**754,44**	2368	**843,55**	2752	**948,88**	3840	**1.167,78**	4224	**1.290,08**	1984	**854,28**
33	1518	1881	**776,84**	2442	**868,73**	2838	**977,35**	3960	**1.203,09**	4356	**1.329,22**	2046	**879,80**
34	1564	1938	**799,23**	2516	**893,91**	2924	**1.005,82**	4080	**1.238,40**	4488	**1.368,35**	2108	**905,31**
35	1610	1995	**821,62**	2590	**919,08**	3010	**1.034,29**	4200	**1.273,71**	4620	**1.407,48**	2170	**930,82**
36	1656	2052	**844,02**	2664	**944,26**	3096	**1.062,76**	4320	**1.309,02**	4752	**1.446,61**	2232	**956,34**
37	1702	2109	**866,41**	2738	**969,44**	3182	**1.091,23**	4440	**1.344,33**	4884	**1.485,75**	2294	**981,85**
38	1748	2166	**888,80**	2812	**994,62**	3268	**1.119,70**	4560	**1.379,64**	5016	**1.524,88**	2356	**1.007,36**
39	1794	2223	**911,20**	2886	**1.019,80**	3354	**1.148,17**	4680	**1.414,95**	5148	**1.564,01**	2418	**1.032,88**
40	1840	2280	**944,40**	2960	**1.055,79**	3440	**1.187,45**	4800	**1.461,07**	5280	**1.613,95**	2480	**1.069,20**

Let op! Leeggewicht radiator hoger dan 100 kg

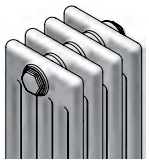
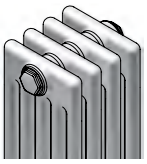
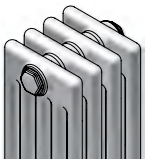
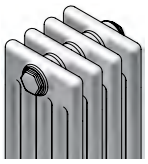
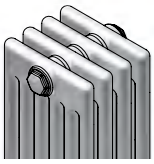
[1] Toeslag voor kleur naar wens + 20%

[2] Technische gegevens per element blz. 76

Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston Retrofit

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		566		666		966		1066		266		366	
													
Model		**5057**		**5067**		**5097**		**5107**		**6027**		**6037**	
Bouwdiepte mm		173		173		173		173		210		210	
Factor voor 90/70/20°C ± [2]		1,27		1,28		1,30		1,30		1,27		1,26	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	376	**147,77**	432	**165,03**	600	**194,17**	644	**220,59**	220	**143,31**	296	**150,36**
5	230	470	**177,36**	540	**198,92**	750	**235,35**	805	**268,38**	275	**171,78**	370	**180,59**
6	276	564	**206,94**	648	**232,82**	900	**276,53**	966	**316,17**	330	**200,25**	444	**210,83**
7	322	658	**236,53**	756	**266,72**	1050	**317,72**	1127	**363,96**	385	**228,72**	518	**241,06**
8	368	752	**266,11**	864	**300,62**	1200	**358,90**	1288	**411,75**	440	**257,19**	592	**271,29**
9	414	846	**295,70**	972	**334,52**	1350	**400,09**	1449	**459,55**	495	**285,66**	666	**301,53**
10	460	940	**325,28**	1080	**368,42**	1500	**441,27**	1610	**507,34**	550	**314,13**	740	**331,76**
11	506	1034	**354,87**	1188	**402,32**	1650	**482,45**	1771	**555,13**	605	**342,60**	814	**361,99**
12	552	1128	**384,45**	1296	**436,22**	1800	**523,64**	1932	**602,92**	660	**371,07**	888	**392,22**
13	598	1222	**414,04**	1404	**470,11**	1950	**564,82**	2093	**650,71**	715	**399,54**	962	**422,46**
14	644	1316	**443,63**	1512	**504,01**	2100	**606,01**	2254	**698,50**	770	**428,01**	1036	**452,69**
15	690	1410	**473,21**	1620	**537,91**	2250	**647,19**	2415	**746,29**	825	**456,48**	1110	**482,92**
16	736	1504	**502,80**	1728	**571,81**	2400	**688,37**	2576	**794,08**	880	**484,95**	1184	**513,15**
17	782	1598	**532,38**	1836	**605,71**	2550	**729,56**	2737	**841,87**	935	**513,42**	1258	**543,39**
18	828	1692	**561,97**	1944	**639,61**	2700	**770,74**	2898	**889,66**	990	**541,89**	1332	**573,62**
19	874	1786	**591,55**	2052	**673,51**	2850	**811,93**	3059	**937,45**	1045	**570,36**	1406	**603,85**
20	920	1880	**621,14**	2160	**707,41**	3000	**853,11**	3220	**985,24**	1100	**598,83**	1480	**634,09**
21	966	1974	**650,72**	2268	**741,30**	3150	**894,29**	3381	**1.033,03**	1155	**627,30**	1554	**664,32**
22	1012	2068	**680,31**	2376	**775,20**	3300	**935,48**	3542	**1.080,82**	1210	**655,77**	1628	**694,55**
23	1058	2162	**718,30**	2484	**817,51**	3450	**985,07**	3703	**1.137,02**	1265	**692,65**	1702	**733,19**
24	1104	2256	**747,89**	2592	**851,41**	3600	**1.026,26**	3864	**1.184,81**	1320	**721,12**	1776	**763,43**
25	1150	2350	**777,48**	2700	**885,31**	3750	**1.067,44**	4025	**1.232,61**	1375	**749,59**	1850	**793,66**
26	1196	2444	**807,06**	2808	**919,21**	3900	**1.108,62**	4186	**1.280,40**	1430	**778,06**	1924	**823,89**
27	1242	2538	**836,65**	2916	**953,11**	4050	**1.149,81**	4347	**1.328,19**	1485	**806,53**	1998	**854,13**
28	1288	2632	**866,23**	3024	**987,01**	4200	**1.190,99**	4508	**1.375,98**	1540	**835,00**	2072	**884,36**
29	1334	2726	**895,82**	3132	**1.020,91**	4350	**1.232,18**	4669	**1.423,77**	1595	**863,47**	2146	**914,59**
30	1380	2820	**925,40**	3240	**1.054,80**	4500	**1.273,36**	4830	**1.471,56**	1650	**891,94**	2220	**944,82**
31	1426	2914	**954,99**	3348	**1.088,70**	4650	**1.314,54**	4991	**1.519,35**	1705	**920,41**	2294	**975,06**
32	1472	3008	**984,57**	3456	**1.122,60**	4800	**1.355,73**	5152	**1.567,14**	1760	**948,88**	2368	**1.005,29**
33	1518	3102	**1.014,16**	3564	**1.156,50**	4950	**1.396,91**	5313	**1.614,93**	1815	**977,35**	2442	**1.035,52**
34	1564	3196	**1.043,74**	3672	**1.190,40**	5100	**1.438,10**	5474	**1.662,72**	1870	**1.005,82**	2516	**1.065,76**
35	1610	3290	**1.073,33**	3780	**1.224,30**	5250	**1.479,28**	5635	**1.710,51**	1925	**1.034,29**	2590	**1.095,99**
36	1656	3384	**1.102,91**	3888	**1.258,20**	5400	**1.520,46**	5796	**1.758,30**	1980	**1.062,76**	2664	**1.126,22**
37	1702	3478	**1.132,50**	3996	**1.292,10**	5550	**1.561,65**	5957	**1.806,09**	2035	**1.091,23**	2738	**1.156,45**
38	1748	3572	**1.162,09**	4104	**1.325,99**	5700	**1.602,83**	6118	**1.853,88**	2090	**1.119,70**	2812	**1.186,69**
39	1794	3666	**1.191,67**	4212	**1.359,89**	5850	**1.644,02**	6279	**1.901,67**	2145	**1.148,17**	2886	**1.216,92**
40	1840	3760	**1.232,07**	4320	**1.404,60**	6000	**1.696,01**	6440	**1.960,27**	2200	**1.187,45**	2960	**1.257,96**

Let op! Leeggewicht radiator hoger dan 100 kg

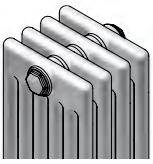
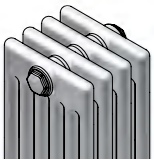
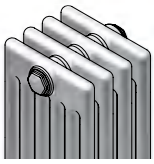
[1] Toeslag voor kleur naar wens + 20%

[2] Technische gegevens per element blz. 76

Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

Zehnder Charleston Retrofit

Φ_s = Volgens de norm EN 442 (ΔT 50K: 75/65/20 °C)

Bouwhoogte mm		416		566		666		966		1066	
											
Model		**6042**		**6057**		**6067**		**6097**		**6107**	
Bouwdiepte mm		210		210		210		210		210	
Factor voor 90/70/20°C ± [2]		1,27		1,28		1,30		1,31		1,32	
Bouwlengte		Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**	Φ_s	**Prijs**
Elementen	mm	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**	Watt	**€**
4	184	336	**154,70**	444	**168,99**	516	**188,55**	716	**222,25**	772	**256,75**
5	230	420	**186,02**	555	**203,88**	645	**228,33**	895	**270,45**	965	**313,58**
6	276	504	**217,33**	666	**238,77**	774	**268,11**	1074	**318,65**	1158	**370,41**
7	322	588	**248,65**	777	**273,66**	903	**307,89**	1253	**366,86**	1351	**427,25**
8	368	672	**279,97**	888	**308,55**	1032	**347,67**	1432	**415,06**	1544	**484,08**
9	414	756	**311,28**	999	**343,43**	1161	**387,45**	1611	**463,27**	1737	**540,91**
10	460	840	**342,60**	1110	**378,32**	1290	**427,23**	1790	**511,47**	1930	**597,74**
11	506	924	**373,92**	1221	**413,21**	1419	**467,01**	1969	**559,67**	2123	**654,57**
12	552	1008	**405,23**	1332	**448,10**	1548	**506,79**	2148	**607,88**	2316	**711,40**
13	598	1092	**436,55**	1443	**482,99**	1677	**546,57**	2327	**656,08**	2509	**768,23**
14	644	1176	**467,87**	1554	**517,88**	1806	**586,35**	2506	**704,29**	2702	**825,06**
15	690	1260	**499,19**	1665	**552,77**	1935	**626,13**	2685	**752,49**	2895	**881,89**
16	736	1344	**530,50**	1776	**587,66**	2064	**665,91**	2864	**800,69**	3088	**938,72**
17	782	1428	**561,82**	1887	**622,55**	2193	**705,69**	3043	**848,90**	3281	**995,55**
18	828	1512	**593,14**	1998	**657,44**	2322	**745,47**	3222	**897,10**	3474	**1.052,38**
19	874	1596	**624,45**	2109	**692,33**	2451	**785,25**	3401	**945,31**	3667	**1.109,22**
20	920	1680	**655,77**	2220	**727,22**	2580	**825,03**	3580	**993,51**	3860	**1.166,05**
21	966	1764	**687,09**	2331	**762,11**	2709	**864,81**	3759	**1.041,71**	4053	**1.222,88**
22	1012	1848	**718,40**	2442	**797,00**	2838	**904,59**	3938	**1.089,92**	4246	**1.279,71**
23	1058	1932	**758,13**	2553	**840,30**	2967	**952,78**	4117	**1.146,53**	4439	**1.344,95**
24	1104	2016	**789,45**	2664	**875,19**	3096	**992,56**	4296	**1.194,74**	4632	**1.401,78**
25	1150	2100	**820,77**	2775	**910,08**	3225	**1.032,34**	4475	**1.242,94**	4825	**1.458,61**
26	1196	2184	**852,08**	2886	**944,96**	3354	**1.072,12**	4654	**1.291,14**	5018	**1.515,44**
27	1242	2268	**883,40**	2997	**979,85**	3483	**1.111,90**	4833	**1.339,35**	5211	**1.572,27**
28	1288	2352	**914,72**	3108	**1.014,74**	3612	**1.151,68**	5012	**1.387,55**	5404	**1.629,10**
29	1334	2436	**946,03**	3219	**1.049,63**	3741	**1.191,46**	5191	**1.435,76**	5597	**1.685,93**
30	1380	2520	**977,35**	3330	**1.084,52**	3870	**1.231,24**	5370	**1.483,96**	5790	**1.742,76**
31	1426	2604	**1.008,67**	3441	**1.119,41**	3999	**1.271,02**	5549	**1.532,16**	5983	**1.799,59**
32	1472	2688	**1.039,98**	3552	**1.154,30**	4128	**1.310,80**	5728	**1.580,37**	6176	**1.856,43**
33	1518	2772	**1.071,30**	3663	**1.189,19**	4257	**1.350,58**	5907	**1.628,57**	6369	**1.913,26**
34	1564	2856	**1.102,62**	3774	**1.224,08**	4386	**1.390,36**	6086	**1.676,78**	6562	**1.970,09**
35	1610	2940	**1.133,94**	3885	**1.258,97**	4515	**1.430,14**	6265	**1.724,98**	6755	**2.026,92**
36	1656	3024	**1.165,25**	3996	**1.293,86**	4644	**1.469,92**	6444	**1.773,18**	6948	**2.083,75**
37	1702	3108	**1.196,57**	4107	**1.328,75**	4773	**1.509,70**	6623	**1.821,39**	7141	**2.140,58**
38	1748	3192	**1.227,89**	4218	**1.363,64**	4902	**1.549,48**	6802	**1.869,59**	7334	**2.197,41**
39	1794	3276	**1.259,20**	4329	**1.398,53**	5031	**1.589,26**	6981	**1.917,80**	7527	**2.254,24**
40	1840	3360	**1.301,33**	4440	**1.444,23**	5160	**1.639,85**	7160	**1.976,81**	7720	**2.321,88**

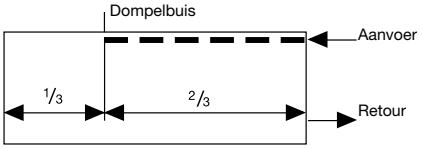
Let op! Leeggewicht radiator hoger dan 100 kg

[1] Toeslag voor kleur naar wens + 20%

[2] Technische gegevens per element blz. 76

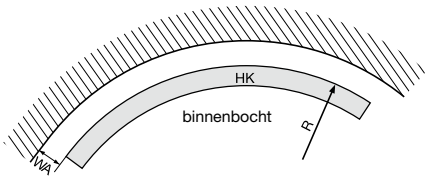
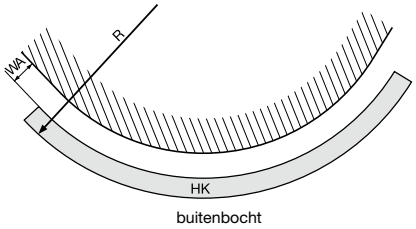
Factor f_1 voor warmtecapaciteit 70/55/20 °C = 0,80, op 70/50/20 °C = 0,73 op 55/45/20 °C = 0,51.

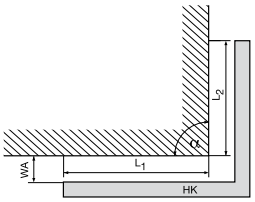
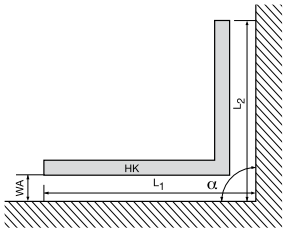
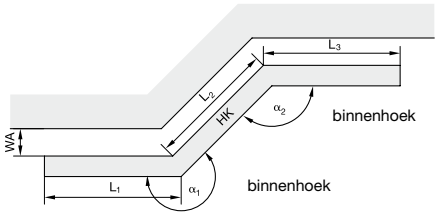
Zehnder Charleston

	Prijs €
Geheel gelaste uitvoering Hogedrukuitvoering max. 18 bar (niet bij Completto-uitvoering) 2- tot 3-kolommer 4- tot 6-kolommer per extra nippelplaats (boven en onder)	 **171,30 per radiator** **252,28 per radiator** **85,76**
Dompelbuis Bij gelijkzijdig aangesloten Zehnder Charleston wordt op aanvraag vanaf het volgende elementenaantal c.q. bouwlengte een aanvoer-dompelbuis op 2/3 van de radiatorlengte ingebouwd, om de in de catalogus aangegeven warmtecapaciteit te garanderen (toeslag). 2-kolommer vanaf 87 leden = bouwlengte 4002 mm 3-kolommer vanaf 85 leden = bouwlengte 3910 mm 4-kolommer vanaf 81 leden = bouwlengte 3726 mm 5-kolommer vanaf 71 leden = bouwlengte 3266 mm 6-kolommer vanaf 55 leden = bouwlengte 2530 mm  	**156,25 per radiator**
Tussenbouwhoogten Berekening naar eerstvolgende bouwhoogte uit catalogus	**toeslag 25%**
Uitvoeringen gehoekt of gebogen (zie blz. 30)	**op aanvraag**
Uitvoeringen boven bouwhoogte 3000 mm	**op aanvraag**
Ophangbeugel aangelast Altijd op aanvraag in verband met maximale aantal elementen per stuk	**10,75**
Vuurverzinkt	**op aanvraag**

Uitgangsbasis voor de berekening van de procentuele toeslag is de uitvoering ‘standaardkleur’.

Zehnder Charleston

Gebogen uitvoering		
uitvoering	**schets / sjabloon**	**Prijs €**
Zehnder Charleston zijn vanaf de volgende buitenradius leverbaar: 2-kolommer: 400 mm 3-kolommer: 650 mm 4-kolommer: 750 mm 5-kolommer: 900 mm 6-kolommer: 1000 mm Bij de Zehnder Charleston Completto worden de eerste drie elementen niet meegebogen. Bij bestelling stabiel sjabloon meesturen.		**op aanvraag**
		**op aanvraag**

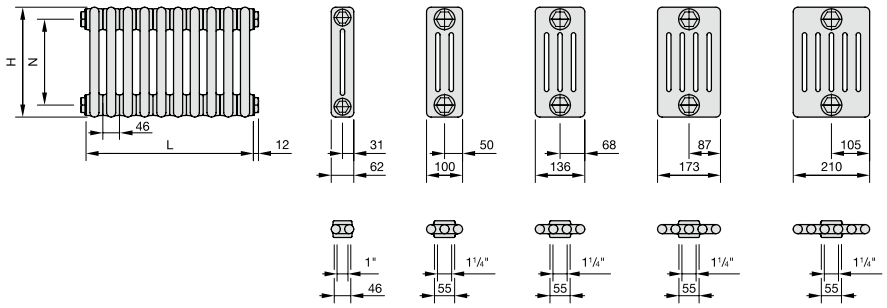
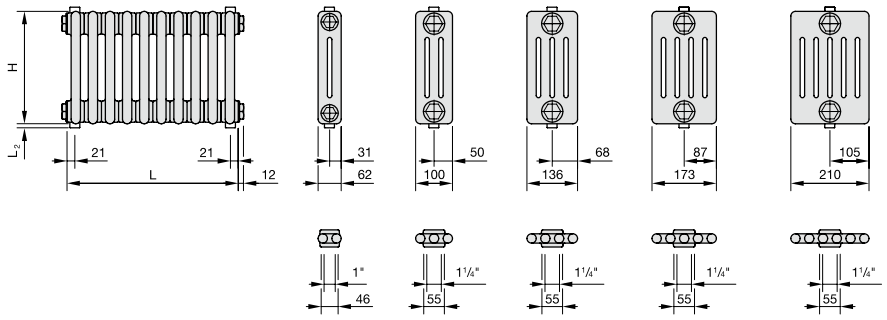
Gehoekt uitvoering		
uitvoering	**schets / sjabloon**	**Prijs €**
Speciale uitvoering gehoekt leverbaar van 90° tot 179°. Bij offerte-aanvraag maatschets met de volgende gegevens toevoegen: Maten L_1, L_2, L_3 in mm, hoek $\alpha 1$, $\alpha 2$ in graden. Bij bestelling stabiel sjabloon meesturen.		**op aanvraag**
		**op aanvraag**
		**op aanvraag**

Bij bestellingen of prijsaanvragen voor gebogen en gehoekte radiatoren graag een sjabloon of maatschets met al in de bovenstaande schets aangegeven maten meesturen.

HK = radiator
WA = wandafstand
R = radius
α_1, α_2 = hoek [°]
L_1, L_2, L_3 = lengten

Maten in mm

Zehnder Charleston, Zehnder Charleston Klinik[1)]

Aansluitmogelijkheden	Prijs €	Maatschets: vooraanzicht, zijaanzicht en bovenaanzicht
Standaard aansluiting 2-pijpsysteem met extern ventiel		
gelijkzijdig, wisselzijdig S001 1276 * Δ, 7612 * Δ 1672 * Δ, 7216 * Δ	**zonder meer-prijs**	
* 2716 Δ, 6172 * Δ	**66,07**	
2670 *, 6210 *	**66,07**	
1706 Δ, 7102 Δ	**66,07**	
van onder naar onder 3570 *, 5310 * Completto zie blz. 59	**66,07**	
van boven naar boven 9806 Δ, 8902 Δ	**66,07**	
van boven naar onder 9570 *, 8310 *	**66,07**	
van onder naar boven * 3816 Δ, 5972 * Δ	**66,07**	

Bij bestelling zonder opgaaf van aansluiting wordt standaard 4 x 1/2 “ (S001) geleverd. De volgende aansluiting is mogelijk: 1276, 7612,1672, 7216.

H = bouwhoogte
L = bouwlengte
N = nippelafstand
L2 = 1/2 “ = 6 mm 3/4 “ = 15 mm
* = ontluchting
Δ = aftap

Maten in mm

[1)] De aangegeven maten gelden ook voor de Zehnder Charleston Klinik (zonder tekening) daarom niet apart genoemd.

Zehnder Charleston, Zehnder Charleston Klinik[1)]

Aansluitmogelijkheden	Prijs €	Maatschets: vooraanzicht, zijaanzicht en bovenaanzicht
Standaard aansluiting 2-pijpsysteem met extern ventiel		
van onder naar onder, enkelzijdig 3376 / 5512 Completto zie blz. 59	**66,07**	
van boven naar boven, enkelzijdig 9976 / 8812	**66,07**	
van onder naar onder, midden, alleen bij even aantal leden retour aan ontluchtingszijde 3476 / 5412 Completto zie blz. 59	**66,07**	Aansluitarmatuur Zehnder Vario toepasbaar zie blz. 338
Standaard aansluiting 1-pijpsysteem met extern ventiel		
voor lansventiel horizontaal bij bestelling fabricaat opgeven en lansdiameter 2076 / 6012	**zonder meer-prijs**	Fabrikaat van het ventiel bij bestelling opgeven.
voor lansventiel verticaal bij bestelling fabricaat opgeven en lansdiameter 3076 / 5012	**66,07**	Fabrikaat van het ventiel bij bestelling opgeven.

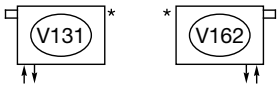
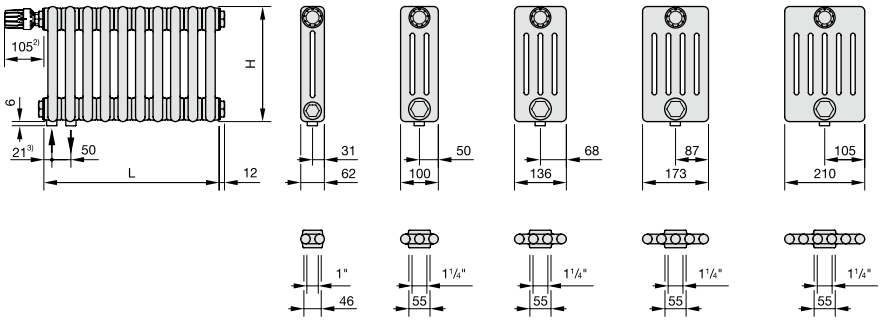
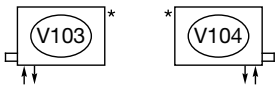
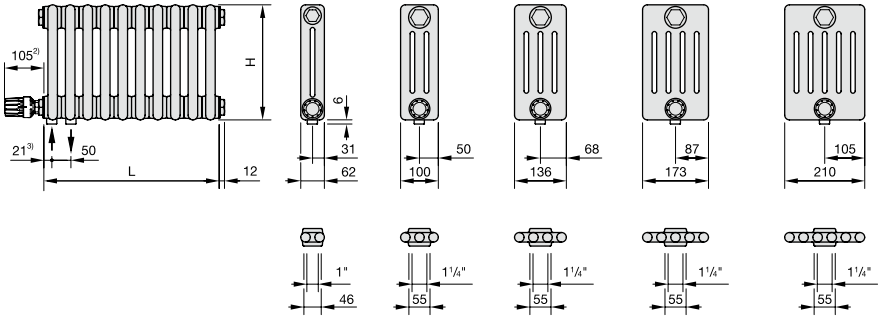
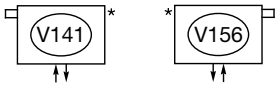
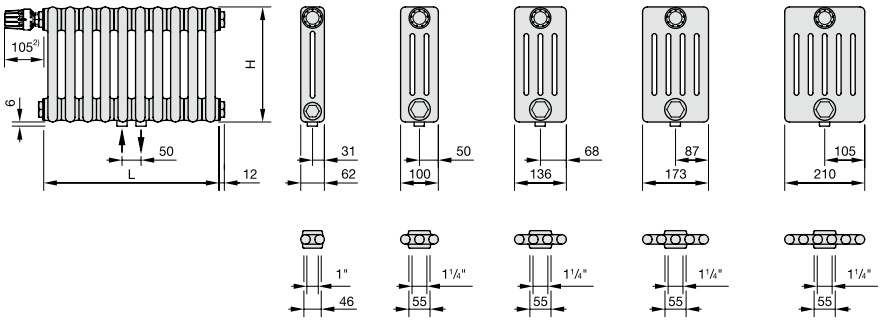
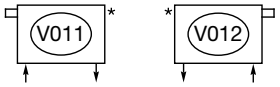
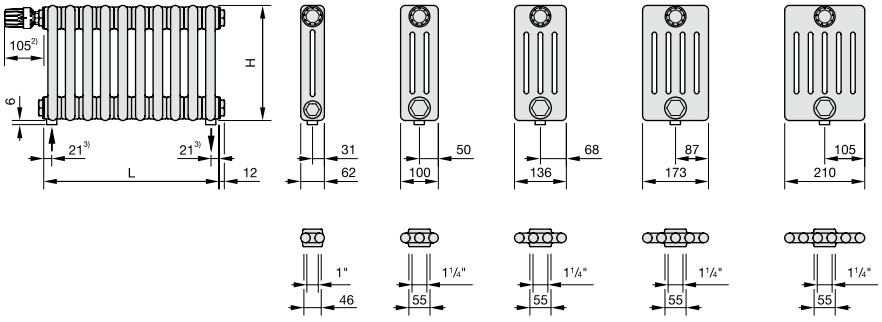
Bij bestelling zonder opgaaf van aansluiting wordt standaard 4 x 1/2“ (S001) geleverd. De volgende aansluiting is mogelijk 1276, 7612, 1672, 7216.

H = bouwhoogte
L = bouwlengte
N = nippelafstand
L2 = 1/2 “ = 6 mm 3/4 “ = 15 mm
* = ontluchting
Δ = aftap

Maten in mm

1) De aangegeven maten gelden ook voor de Zehnder Charleston Klinik (zonder tekening) daarom niet apart genoemd.
2) Bij Zehnder Charleston Klinik 88 mm
3) bij Zehnder Charleston Klinik 31 mm

Zehnder Charleston, Zehnder Charleston Klinik[1)]

Aansluitmogelijkheden	Prijs €	Maatschets: vooraanzicht, zijaanzicht en bovenaanzicht
Completto aansluiting met geïntregeerd ventiel (prijs zonder thermostaatkop)		
Ventielinbouw boven aansluiting enkelzijdig 50 mm  	**126,13**	
Ventielinbouw onder, aansluiting enkelzijdig 50 mm  	**150,16**	 Verminderde afgifte, 1e element ivm ontoereikende circulatie.
Ventielinbouw boven, aansluiting midden 50 mm alleen bij even aantal elementen  	**180,18**	
Ventielinbouw boven aansluiting wisselzijdig  	**126,13**	

Specificatie Ventiel
Ventiel met voorinstelling OV 1“ (voor 2-kolommer), OV 5/4“ (voor 4- tot 6-kolommer) fabrieksmatig ingebouwd, Maximale geadviseerde doorstroming 250 kg/h. Technische gegevens en drukverlies diagram op aanvraag.

H = bouwhoogte
L = bouwlengte
N = nippelafstand
* = ontluchting
Δ = aftap

Maten in mm

1) De aangegeven maten gelden ook voor de Zehnder Charleston Klinik (zonder tekening) daarom niet apart genoemd.
2) Alleen geldig voor Zehnder Thermostaat LH2
3) Bij Zehnder Charleston Klinik 31 mm

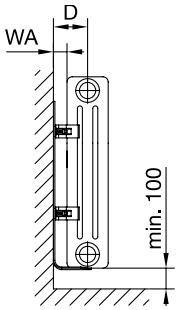
Zehnder Charleston, Zehnder Charleston Retrofit

met EasyFix

Installatie advies voor situaties met normale of hogere eisen. Voor zeer hoge eisen (b.v. school) vragen we u contact met ons op te nemen.

Bevestigingsdetails voor de toebehorenset SMB

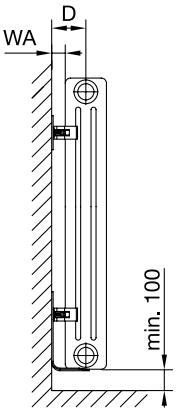
Set SMB 30-75



Afstand D:

2-kolommer	66 mm
3-kolommer	85 mm
4-kolommer	103 mm
5-kolommer	122 mm
6-kolommer	140 mm

Set SMB 2T



Afstand D:

2-kolommer	66 mm
3-kolommer	85 mm
4-kolommer	103 mm
5-kolommer	122 mm
6-kolommer	140 mm

Model					
Toepassing	Wandafstand in mm	Aantal beugels in de set	Artikelnummer 1) set in Ral 9016	€/Set Ral 9016	€/Set kleur
H = 300-369					
alle modellen					
L = 4-22	35	2 x SMB30	173521	**29,43**	**35,32**
L = 23-39		3 x SMB30	173621	**37,84**	**45,41**
L = 40-50		4 x SMB30	173721	**48,65**	**58,38**
L = 50-60		5 x SMB30	173821	**67,27**	**80,72**
H = 370-484					
alle modellen					
L = 4-22	35	2 x SMB40	173531	**29,43**	**35,32**
L = 23-39		3 x SMB40	173631	**37,84**	**45,41**
L = 40-50		4 x SMB40	173731	**48,65**	**58,38**
L = 50-60		5 x SMB40	173831	**67,27**	**80,72**
H = 485-679					
alle modellen					
L = 4-22	35	2 x SMB50	173541	**29,43**	**35,32**
L = 23-39		3 x SMB50	173641	**37,84**	**45,41**
L = 40-50		4 x SMB50	173741	**48,65**	**58,38**
L = 50-60		5 x SMB50	173841	**67,27**	**80,72**
H = 680-1000					
2- tot 4 kolommer					
L = 4-22	35	2 x SMB75	173551	**29,43**	**35,32**
L = 23-39		3 x SMB75	173651	**37,84**	**45,41**
L = 40-55		4 x SMB75	173751	**48,65**	**58,38**
L = 56-65		5 x SMB75	173851	**67,27**	**80,72**
5 en 6 kolommer					
L = 4-15	35	2 x SMB75	173551	**29,43**	**35,32**
L = 16-29		3 x SMB75	173651	**37,84**	**45,41**
L = 30-42		4 x SMB75	173751	**48,65**	**58,38**
L = 43-55		5 x SMB75	173851	**67,27**	**80,72**
H = 1001-1500					
2- tot 4 kolommer					
L = 4-15	35	2 x SMB2T	173511	**29,43**	**35,32**
L = 16-30		3 x SMB2T	173611	**37,84**	**45,41**
L = 31-45		4 x SMB2T	173711	**48,65**	**58,38**
L = 46-60		5 x SMB2T	173811	**67,27**	**80,72**
5 en 6 kolommer					
L = 4-10	35	2 x SMB2T	173511	**29,43**	**35,32**
L = 11-20		3 x SMB2T	173611	**37,84**	**45,41**
L = 21-30		4 x SMB2T	173711	**48,65**	**58,38**
L = 31-40		5 x SMB2T	173811	**67,27**	**80,72**
H = 1501-2200					
2- tot 4 kolommer					
L = 4-11	35	2 x SMB2T	173511	**29,43**	**35,32**
L = 12-21		3 x SMB2T	173611	**37,84**	**45,41**
L = 22-31		4 x SMB2T	173711	**48,65**	**58,38**
L = 32-41		5 x SMB2T	173811	**67,27**	**80,72**
5 en 6 kolommer					
L = 4-10	35	2 x SMB2T	173511	**29,43**	**35,32**
L = 11-16		3 x SMB2T	173611	**37,84**	**45,41**
L = 17-21		4 x SMB2T	173711	**48,65**	**58,38**
L = 22-27		5 x SMB2T	173811	**67,27**	**80,72**

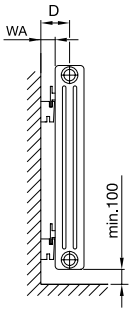
H = Bouwhoogte van de radiator in mm L = Bouwlengte van de radiator in mm D = maat wand tot midden aansluiting

1) de artikelnummers van de sets in kleur worden verkregen door het eindcijfer 1 te vervangen door eindcijfer 9

Zehnder Charleston, Zehnder Charleston Retrofit

met CVD

Installatie advies voor situaties met normale of hogere eisen. Voor zeer hoge eisen (b.v. school) vragen we u contact met ons op te nemen.

Afbeelding	Schets zijaanzicht	Model					
		Toepassing	Wandafstand in mm	Aantal beugels in de set	Artikelnummer [1] set in Ral 9016	€/Set Ral 9016	€/Set kleur
Bevestigingsdetails voor de toebehorenset CVD (voor Zehnder Charleston Klinik zie blz. 63)							
Set CVD	 Afstand D: 2-kolommer 59 mm 3-kolommer 78 mm 4-kolommer 96 mm 5-kolommer 114 mm 6-kolommer 133 mm	**alle modellen**					
		Bouwhoogte 260 - 1000 mm met uittilzekering					
		L = 4-20 El. L = 21-40 El. L = 41-60 El.	28	4 x BH + CVD 0 6 x BH + CVD 0 8 x BH + CVD 0	774401 774601 774801	**29,43** **37,84** **48,65**	**35,32** **45,41** **58,38**
		Bouwhoogte 1100 - 1500 mm met uittilzekering					
		L = 4-20 El. L = 21-40 El. L = 41-60 El.	28	4 x BH + CVD 0 8 x BH + CVD 0 10 x BH + CVD 0	774401 774801 774901	**29,43** **48,65** **67,27**	**35,32** **58,38** **80,72**
		2- tot 5-kolommer					
		Bouwhoogte 1600 - 2200 mm met uittilzekering					
		L = 4-10 El. L = 11-20 El. L = 21-30 El. L = 31-40 El.	28	4 x BH + CVD 0 6 x BH + CVD 0 8 x BH + CVD 0 10 x BH + CVD 0	774401 774601 774801 774901	**29,43** **37,84** **48,65** **67,27**	**35,32** **45,41** **58,38** **80,72**
		6-kolommer					
		Bouwhoogte 1600 - 2200 mm met uittilzekering					
		L = 4-10 El. L = 11-20 El. L = 21-30 El. L = 31-40 El.	28	4 x BH + CVD 0 8 x BH + CVD 0 10 x BH + CVD 0 14 x BH + CVD 0	774401 774801 774901 -	**29,43** **48,65** **67,27** **96,70**	**35,32** **58,38** **80,72** **116,04**

Zehnder Charleston, Zehnder Charleston Retrofit

Afbeelding	Beschrijving	Model			
		Toepassing	Consoles aantal en type	Artikelnummer per stuk	€/stuk
Verdere bevestigingsmogelijkheden met toebehoren op blz. 322					
Wandconsole AK	Voor regelbare wandafstand, korte en lange uitvoering mogelijk, standaard Ral 9016. Details zie hoofdstuk toebehoren.	**alle modellen**			
		Bouwhoogte 260 - 1000 mm			
		L = 4-20 El. L = 21-40 El. L = 41-60 El.	4 x BH + AK 1 6 x BH + AK 1 8 x BH + AK 1	Houder BH: 774001	**3,19**
		Bouwhoogte 1100 - 1500 mm			
		L = 4-20 El. L = 21-40 El. L = 41-60 El.	4 x BH + AK 1 8 x BH + AK 1 10 x BH + AK 1	Wandconsole AK 1: 796011	**12,74**
T-Console AKK	Om vast te schroeven, voor regelbare wandafstand, wordt in combinatie met TKKhouder geadviseerd standaard Ral 9016. Details zie hoofdstuk toebehoren.	**alle modellen**			
		Bouwhoogte 260 - 500 mm			
		L = 4-20 El. L = 21-30 El. L = 31-40 El. L = 41-50 El. L = 51-60 El.	2 x AKK 3 x AKK 4 x AKK 5 x AKK 6 x AKK	afhankelijk van de lengte zie blz. 326	**9,80-13,43**
Standconsole STF	Voor montage op ruwe- Bouwhoogte 260 - 600 mm of afwerkvloer standaard Ral 9016. Details zie hoofdstuk toebehoren.	**alle modellen**			
		Bouwhoogte 260 - 600 mm			
		L = 4-20 El. L = 21-40 El. L = 41-60 El. L = 61-80 El.	2 x STF 2 / STF 3 3 x STF 2 / STF 3 4 x STF 2 / STF 3 5 x STF 2 / STF 3	afhankelijk van de hoogte zie blz. 331	**43,73/51,27**
Voetconsole HFK	Om vast te schroeven op ruwe- of afwerkvloer standaard Ral 9016. Details zie hoofdstuk toebehoren.	**alle modellen**			
		Bouwhoogte 190 - 600 mm			
		L = 4-20 El. L = 21-40 El. L = 41-60 El. L = 61-80 El.	2 x HFK 3 x HFK 4 x HFK 5 x HFK	afhankelijk van de hoogte zie blz. 330	**58,37**

H = Bouwhoogte van de radiator in mm L = Bouwlengte van de radiator in mm D = maat wand tot midden aansluiting

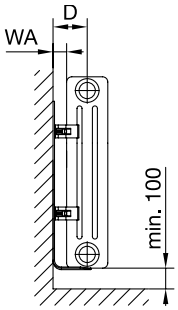
Zehnder Charleston Klinik

met EasyFix

Installatie advies voor situaties met normale of hogere eisen. Voor zeer hoge eisen (b.v. school) vragen we u contact met ons op te nemen.

Bevestigingsdetails voor de toebehorenset SMB

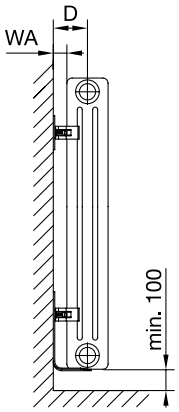
Set SMB 30-75



Afstand D:

2-kolommer	66 mm
3-kolommer	85 mm
4-kolommer	103 mm
5-kolommer	122 mm
6-kolommer	140 mm

Set SMB 2T



Afstand D:

2-kolommer	66 mm
3-kolommer	85 mm
4-kolommer	103 mm
5-kolommer	122 mm
6-kolommer	140 mm

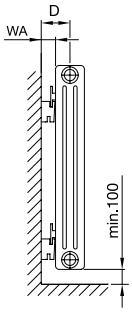
Afbeelding	Schets en zijaanzicht	Model					
		Toepassing	Wandafstand in mm	Aantal beugels in de set	Artikelnummer [1] set in Ral 9016	€/Set Ral 9016	€/Set kleur
		H = 300-369					
		alle modellen					
		L = 4-16 L = 17-27 L = 28-40 L = 41-55	35	2 x SMB30 3 x SMB30 4 x SMB30 5 x SMB30	173521 173621 173721 173821	**16,43** **24,65** **32,86** **41,08**	**24,65** **36,97** **49,30** **61,62**
		H = 370-484					
		alle modellen					
		L = 4-16 L = 17-27 L = 28-40 L = 41-55	35	2 x SMB40 3 x SMB40 4 x SMB40 5 x SMB40	173531 173631 173731 173831	**16,43** **24,65** **32,86** **41,08**	**24,65** **36,97** **49,30** **61,62**
		H = 485-679					
		alle modellen					
		L = 4-16 L = 17-27 L = 28-40 L = 41-55	35	2 x SMB50 3 x SMB50 4 x SMB50 5 x SMB50	173541 173641 173741 173841	**16,43** **24,65** **32,86** **41,08**	**24,65** **36,97** **49,30** **61,62**
		H = 680-1000					
		alle modellen					
		L = 4-14 L = 15-27 L = 28-40 L = 41-55	35	2 x SMB75 3 x SMB75 4 x SMB75 5 x SMB75	173551 173651 173751 173851	**16,43** **24,65** **32,86** **41,08**	**24,65** **36,97** **49,30** **61,62**
		H = 1001-1500					
		2- tot 4 kolommer					
		L = 4-14 L = 15-27 L = 28-40 L = 41-55	35	2 x SMB2T 3 x SMB2T 4 x SMB2T 5 x SMB2T	173511 173611 173711 173811	**16,43** **24,65** **32,86** **41,08**	**24,65** **36,97** **49,30** **61,62**
		5 en 6 kolommer					
		L = 4-10 L = 11-20 L = 21-30	35	2 x SMB2T 3 x SMB2T 4 x SMB2T	173511 173611 173711	**16,43** **24,65** **32,86**	**24,65** **36,97** **49,30**
		H = 1501-2200					
		2- tot 4 kolommer					
		L = 4-11 L = 12-21 L = 22-31	35	2 x SMB2T 3 x SMB2T 4 x SMB2T	173511 173611 173711	**16,43** **24,65** **32,86**	**24,65** **36,97** **49,30**
		5 en 6 kolommer					
		L = 4-8 L = 9-15 L = 16-22	35	2 x SMB2T 3 x SMB2T 4 x SMB2T	173511 173611 173711	**16,43** **24,65** **32,86**	**24,65** **36,97** **49,30**

H = Bouwhoogte van de radiator in mm L = Bouwlengte van de radiator in mm D = maat wand tot midden aansluiting

[1] De artikelnummers van de sets in kleur worden verkregen door het eindcijfer 1 te vervangen door eindcijfer 9.

Zehnder Charleston Klinik

Installatie advies voor situaties met normale of hogere eisen. Voor zeer hoge eisen (b.v. school) vragen we u contact met ons op te nemen.

Afbeelding	Schets en zijaanzicht	Model					
		Toepassing	Wandafstand in mm	Aantal beugels in de set	Artikelnummer [1] set in Ral 9016	€/Set Ral 9016	€/Set kleur
Toebehoren-Set CVD							
Set CVD	 Afstand D: 2-kolommer 57 mm 3-kolommer 76 mm 4-kolommer 94 mm 5-kolommer 112 mm 6-kolommer 131 mm	**alle modellen**					
		Bouwhoogte 260 - 1500 mm met uittilzekering					
		L = 4-15 El.	26	4 x BHK + CVD 0	775421	**30,13**	**57,07**
		L = 16-30 El.		6 x BHK + CVD 0	775621	**44,45**	**84,85**
		L = 31-44 El.		8 x BHK + CVD 0	775821	**58,78**	**112,64**
		2- tot 5-kolommer					
		Bouwhoogte 1600 - 2200 mm met uittilzekering					
		L = 4-15 El.	26	4 x BHK + CVD 0	775421	**30,13**	**57,07**
		L = 16-23 El.		6 x BHK + CVD 0	775621	**44,45**	**84,85**
		L = 24-30 El.		8 x BHK + CVD 0	775821	**58,78**	**112,64**
		L = 31-36 El.		10 x BHK + CVD 0	775921	**73,09**	**140,42**
		6-kolommer					
		Bouwhoogte 1600 - 2200 mm met uittilzekering					
		L = 4-7 El.	26	4 x BHK + CVD 0	775421	**30,13**	**57,07**
		L = 8-15 El.		6 x BHK + CVD 0	775621	**44,45**	**84,85**
		L = 16-23 El.		8 x BHK + CVD 0	775821	**58,78**	**112,64**
		L = 24-30 El.		10 x BHK + CVD 0	775921	**73,09**	**140,42**
		L = 31-36 El.		12 x BHK + CVD 0	-	**87,41**	**168,29**

Zehnder Charleston Klinik

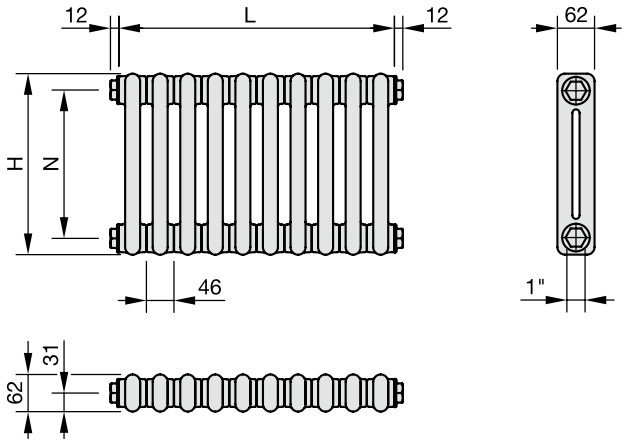
Installatie advies voor situaties met normale of hogere eisen. Voor zeer hoge eisen (b.v. school) vragen we u contact met ons op te nemen.

Afbeelding	Beschrijving	Model			
		Toepassing	Consoles aantal en type	Artikelnummer per stuk	**Prijs/St. €**
Verdere bevestigingsmogelijkheden met toebehoren op blz. 322					
Wandconsole AK	Voor regelbare wandafstand, korte en lange uitvoering mogelijk, standaard Ral 9016. Details zie hoofdstuk toebehoren.	**alle modellen**			
		Bouwhoogte 260 - 1500 mm			
		L = 4-15 El. L = 16-30 El. L = 31-44 El.	4 x BHK + AK 1 6 x BHK + AK 1 8 x BHK + AK 1	Houder BHK: 775011	**5,41**
		2- tot 5-kolommer			
		Bouwhoogte 1600 - 2200 mm			
		L = 4-15 El. L = 16-23 El. L = 24-30 El. L = 31-36 El.	4 x BHK + AK 1 6 x BHK + AK 1 8 x BHK + AK 1 10 x BHK + AK 1	Console AK 1: 796011	**9,09**
T-Console AKK	Om vast te schroeven, voor regelbare wandafstand, wordt in combinatie met TKKhouder geadviseerd standaard Ral 9016. Details zie hoofdstuk toebehoren.	**alle modellen**			
		Bouwhoogte 260 - 600 mm			
		L = 4-15 El. L = 16-23 El. L = 24-30 El. L = 31-36 El.	2 x AKK 3 x AKK 4 x AKK 5 x AKK	Afhankelijk van de lengte. Zie hoofdstuk toebehoren	**6,59 - 8,65**
Standconsole STF	Voor montage op ruwe- Bouwhoogte 260 - 600 mm of afwerkvloer standaard Ral 9016. Details zie hoofdstuk toebehoren.	**alle modellen**			
		Bouwhoogte 260 - 600 mm			
		L = 4-15 El. L = 16-23 El. L = 24-30 El. L = 31-36 El.	2 x STF2K / STF3K 3 x STF2K / STF3K 4 x STF2K / STF3K 5 x STF2K / STF3K	Afhankelijk van de lengte. Zie hoofdstuk toebehoren	STF2K: **27,60 / 31,05** STF3K: **27,71 / 31,20**
Voetconsole HFK	Om vast te schroeven op ruwe- of afwerkvloer standaard Ral 9016. Details zie hoofdstuk toebehoren.	**alle modellen**			
		Bouwhoogte 260 - 600 mm			
		L = 4-15 El. L = 16-23 El. L = 24-30 El. L = 31-36 El.	2 x HFK2 / HFK3 3 x HFK2 / HFK3 4 x HFK2 / HFK3 5 x HFK2 / HFK3	Afhankelijk van de lengte. Zie hoofdstuk toebehoren	**32,41 / 36,13**

L = Bouwlengte van de radiator in mm

Zehnder Charleston

Model 2-kolommer



H = bouwhoogte
L = bouwlengte
N = nippelafstand = H - 58 mm
T = bouwdiepte
A = oppervlakte
V = waterinhoud
M = gewicht
sk = stralingsaandeel
qms = normwaterstroom
n = radiator-exponent
Φ_s = warmte afgifte volgens EN 442 (75/65/20 °C)
Φ = warmte afgifte bij genoemde systeemtemperaturen

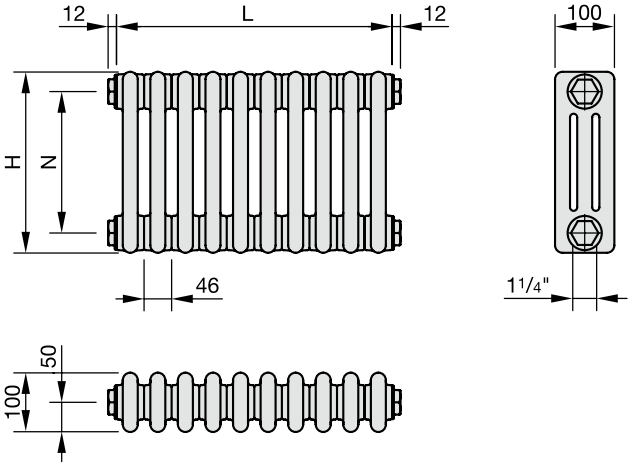
Maten in mm

Technische gegevens per element

Model	H	N	T	A	V	M	s_k	q_{ms}	Exp.	Φ_s=ΔT 50 K EN442	Φ 70/55/20 °C	Φ 55/45/20 °C
	mm	mm	mm	m^2	dm^3	kg	%	kg/h	n	Watt	Watt	Watt
2019	177	119	62	0,02	0,3	0,32	30	1,0	1,26	14,5	11,7	7,6
2026	260	202	62	0,04	0,3	0,44	25	2,0	1,25	21,1	17,1	11,1
2030	292	234	62	0,04	0,4	0,49	25	2,0	1,24	23,6	19,1	12,4
2035	342	284	62	0,05	0,4	0,57	24	2,0	1,24	27,5	22,3	14,5
2040	392	334	62	0,06	0,4	0,63	25	3,0	1,24	31,2	25,3	16,4
2045	442	384	62	0,07	0,5	0,70	24	3,0	1,24	34,9	28,3	18,4
2050	492	434	62	0,07	0,5	0,77	23	3,0	1,25	38,4	31,1	20,1
2055	542	484	62	0,08	0,6	0,84	23	4,0	1,25	41,9	33,9	22,0
2060	592	534	62	0,09	0,6	0,90	23	4,0	1,25	45,3	36,6	23,7
2075	742	684	62	0,11	0,7	1,11	22	5,0	1,25	55,0	44,5	28,8
2090	892	834	62	0,14	0,8	1,31	22	5,0	1,25	63,9	51,7	33,5
2100	992	934	62	0,15	0,9	1,44	22	6,0	1,25	69,5	56,2	36,4
2110	1092	1034	62	0,17	1,0	1,58	22	6,0	1,25	74,7	60,4	39,2
2120	1192	1134	62	0,18	1,1	1,72	22	7,0	1,26	82,7	66,8	43,1
2150	1492	1434	62	0,23	1,3	2,12	23	9,0	1,28	104,0	83,7	53,7
2180	1792	1734	62	0,28	1,5	2,53	23	11,0	1,31	124,0	99,3	63,0
2200	1992	1934	62	0,31	1,7	2,80	23	12,0	1,31	138,0	110,5	70,1
2220	2192	2134	62	0,34	1,9	3,07	23	13,0	1,31	151,0	120,9	76,7
2250	2492	2434	62	0,39	2,1	3,47	23	15,0	1,30	171,0	137,1	87,3
2280	2792	2734	62	0,44	2,4	3,88	23	16,0	1,30	189,0	151,6	99,5
2300	2992	2934	62	0,47	2,5	4,15	23	17,0	1,30	201,0	161,2	102,7

Zehnder Charleston

Model 3-kolommer



H = bouwhoogte
L = bouwlengte
N = nippelafstand = H - 58 mm
T = bouwdiepte
A = oppervlakte
V = waterinhoud
M = gewicht
sk = stralingsaandeel
qms = normwaterstroom
n = radiator-exponent
Φ_s = warmte afgifte volgens EN 442 (75/65/20 °C)
Φ = warmte afgifte bij genoemde systeemtemperaturen

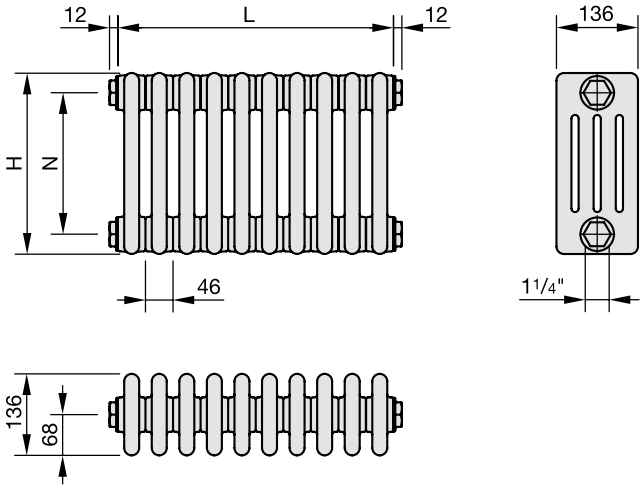
Maten in mm

Technische gegevens per element

Model	H	N	T	A	V	M	s_k	q_{ms}	Exp.	Φ_s=ΔT 50 K EN442	Φ 70/55/20 °C	Φ 55/45/20 °C
	mm	mm	mm	m^2	dm^3	kg	%	kg/h	n	Watt	Watt	Watt
3019	185	119	100	0,04	0,4	0,49	23	2,0	1,27	20,1	16,2	10,4
3026	260	194	100	0,06	0,5	0,66	21	2,0	1,25	27,9	22,6	14,6
3030	300	234	100	0,07	0,6	0,74	20	3,0	1,25	32,0	25,9	16,8
3035	350	284	100	0,08	0,6	0,85	20	3,0	1,25	37,0	29,9	19,4
3040	400	334	100	0,09	0,7	0,96	19	4,0	1,25	41,9	33,9	22,0
3045	450	384	100	0,10	0,7	1,07	19	4,0	1,25	46,8	37,9	24,5
3050	500	434	100	0,11	0,8	1,17	18	4,0	1,25	51,6	41,7	27,0
3055	550	484	100	0,12	0,9	1,28	18	5,0	1,26	56,3	45,5	29,4
3060	600	534	100	0,14	0,9	1,38	18	5,0	1,26	60,9	49,2	31,8
3075	750	684	100	0,17	1,1	1,70	18	6,0	1,26	74,3	60,0	39,7
3090	900	834	100	0,21	1,3	2,01	18	7,0	1,27	87,0	70,1	45,1
3100	1000	934	100	0,23	1,4	2,22	18	8,0	1,27	95,1	76,7	49,3
3110	1100	1034	100	0,25	1,5	2,43	18	9,0	1,28	103,0	82,9	53,2
3120	1200	1134	100	0,28	1,6	2,65	18	10,0	1,29	115,0	92,4	59,0
3150	1500	1434	100	0,35	2,0	3,28	18	12,0	1,31	140,0	112,1	71,1
3180	1800	1734	100	0,42	2,4	3,91	18	14,0	1,33	166,0	132,5	83,5
3200	2000	1934	100	0,47	2,6	4,33	18	16,0	1,33	183,0	146,0	92,0
3220	2200	2134	100	0,51	2,9	4,75	18	17,0	1,32	200,0	159,9	101,1
3250	2500	2434	100	0,58	3,2	5,38	18	19,0	1,32	225,0	179,8	113,7
3280	2800	2734	100	0,65	3,6	6,02	18	22,0	1,30	251,0	201,3	128,2
3300	3000	2934	100	0,70	3,9	6,44	18	23,0	1,30	269,0	215,7	137,4

Zehnder Charleston

Model 4-kolommer



H = bouwhoogte
L = bouwlengte
N = nippelafstand = H - 58 mm
T = bouwdiepte
A = oppervlakte
V = waterinhoud
M = gewicht
sk = stralingsaandeel
qms = normwaterstroom
n = radiator-exponent
Φ_s = warmte afgifte volgens EN 442 (75/65/20 °C)
Φ = warmte afgifte bij genoemde systeemtemperaturen

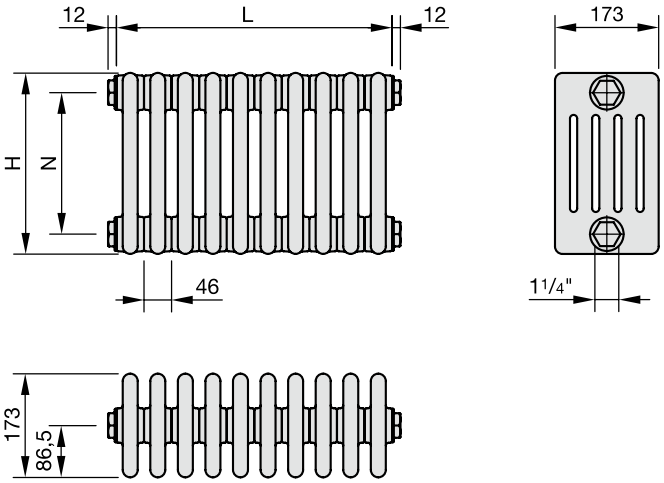
Maten in mm

Technische gegevens per element

Model	H	N	T	A	V	M	s_k	q_{ms}	Exp.	Φ_s=ΔT 50 K EN442	Φ 70/55/20 °C	Φ 55/45/20 °C
	mm	mm	mm	m^2	dm^3	kg	%	kg/h	n	Watt	Watt	Watt
4019	200	134	136	0,06	0,6	0,67	20	2,0	1,26	28,4	22,9	14,8
4026	260	194	136	0,08	0,7	0,84	18	3,0	1,25	36,5	29,5	19,1
4030	300	234	136	0,09	0,7	0,96	18	4,0	1,25	41,9	33,9	22,0
4035	350	284	136	0,11	0,8	1,10	17	4,0	1,25	48,5	39,2	25,4
4040	400	334	136	0,12	0,9	1,24	16	5,0	1,26	54,9	44,3	28,6
4045	450	384	136	0,14	1,0	1,37	16	5,0	1,26	61,3	49,5	32,0
4050	500	434	136	0,15	1,0	1,51	16	6,0	1,26	67,6	54,6	35,2
4055	550	484	136	0,17	1,1	1,65	16	6,0	1,26	73,7	59,5	38,4
4060	600	534	136	0,19	1,2	1,78	15	7,0	1,27	79,8	64,3	41,4
4075	750	684	136	0,23	1,4	2,19	15	8,0	1,27	97,4	78,5	50,5
4090	900	834	136	0,28	1,7	2,61	15	10,0	1,28	114,0	91,7	58,8
4100	1000	934	136	0,31	1,8	2,88	15	11,0	1,29	125,0	100,4	64,2
4110	1100	1034	136	0,34	2,0	3,15	15	12,0	1,29	135,0	108,5	69,3
4120	1200	1134	136	0,37	2,1	3,43	15	13,0	1,30	147,0	117,9	75,1
4150	1500	1434	136	0,47	2,6	4,25	15	15,0	1,31	180,0	144,1	91,5
4180	1800	1734	136	0,56	3,1	5,07	15	18,0	1,33	213,0	170,0	107,1
4200	2000	1934	136	0,63	3,4	5,61	15	20,0	1,32	234,0	187,0	118,3
4220	2200	2134	136	0,69	3,8	6,16	15	22,0	1,32	256,0	204,6	129,4
4250	2500	2434	136	0,78	4,3	6,98	15	25,0	1,31	289,0	231,4	146,8
4280	2800	2734	136	0,88	4,8	7,80	15	28,0	1,30	323,0	259,1	165,0
4300	3000	2934	136	0,94	5,1	8,35	15	30,0	1,30	345,0	276,7	176,2

Zehnder Charleston

Model 5-kolommer



H = bouwhoogte
L = bouwlengte
N = nippelafstand = H - 58 mm
T = bouwdiepte
A = oppervlakte
V = waterinhoud
M = gewicht
sk = stralingsaandeel
qms = normwaterstroom
n = radiator-exponent
Φ_s = warmte afgifte volgens EN 442 (75/65/20 °C)
Φ = warmte afgifte bij genoemde systeemtemperaturen

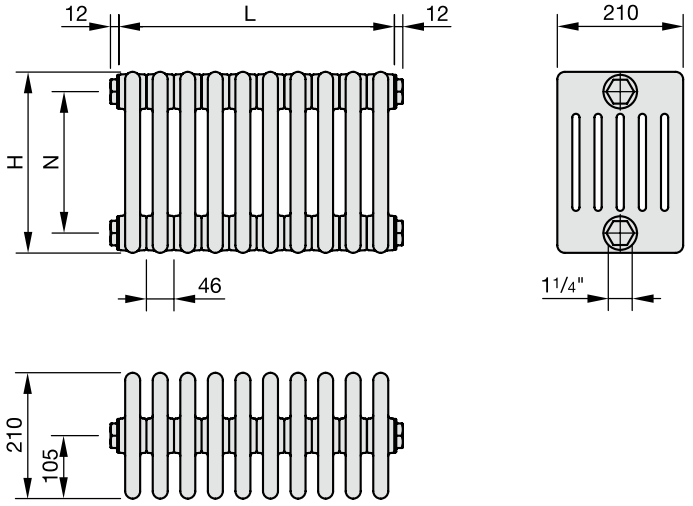
Maten in mm

Technische gegevens per element

Model	H	N	T	A	V	M	s_k	q_{ms}	Exp.	Φ_s=ΔT 50 K EN442	Φ 70/55/20 °C	Φ 55/45/20 °C
	mm	mm	mm	m^2	dm^3	kg	%	kg/h	n	Watt	Watt	Watt
5019	200	134	173	0,08	0,7	0,90	19	3,0	1,25	35,0	28,3	18,3
5026	260	194	173	0,10	0,8	1,11	17	4,0	1,25	45,1	36,5	23,6
5030	300	234	173	0,12	0,9	1,26	16	4,0	1,25	51,7	41,8	27,1
5035	350	284	173	0,13	1,0	1,44	15	5,0	1,26	59,9	48,4	31,2
5040	400	334	173	0,15	1,1	1,61	15	6,0	1,26	67,9	54,8	35,4
5045	450	384	173	0,17	1,2	1,78	14	7,0	1,26	75,8	61,2	39,5
5050	500	434	173	0,19	1,3	1,95	14	7,0	1,27	83,5	67,3	43,3
5055	550	484	173	0,20	1,3	2,12	14	8,0	1,27	91,0	73,4	47,2
5060	600	534	173	0,23	1,5	2,29	13	8,0	1,27	98,6	79,5	51,1
5075	750	684	173	0,29	1,8	2,80	13	10,0	1,29	120,0	96,4	61,6
5090	900	834	173	0,35	2,1	3,32	13	12,0	1,30	141,0	113,1	72,0
5100	1000	934	173	0,39	2,3	3,66	13	13,0	1,30	154,0	123,5	78,7
5110	1100	1034	173	0,43	2,5	4,00	13	14,0	1,31	167,0	133,7	84,9
5120	1200	1134	173	0,47	2,7	4,34	13	15,0	1,31	179,0	143,3	91,0
5150	1500	1434	173	0,59	3,3	5,37	13	19,0	1,32	219,0	175,0	110,7
5180	1800	1734	173	0,70	3,9	6,39	13	22,0	1,32	259,0	207,0	130,9
5200	2000	1934	173	0,78	4,3	7,08	13	25,0	1,32	285,0	227,8	144,1
5220	2200	2134	173	0,86	4,7	7,76	13	27,0	1,32	312,0	249,4	157,7
5250	2500	2434	173	0,98	5,3	8,78	13	30,0	1,31	352,0	281,8	178,9
5280	2800	2734	173	1,10	5,9	9,81	13	34,0	1,30	392,0	314,4	200,2
5300	3000	2934	173	1,18	6,4	10,49	13	36,0	1,30	420,0	336,9	214,5

Zehnder Charleston

Model 6-kolommer



H = bouwhoogte
L = bouwlengte
N = nippelafstand = H - 58 mm
T = bouwdiepte
A = oppervlakte
V = waterinhoud
M = gewicht
sk = stralingsaandeel
qms = normwaterstroom
n = radiator-exponent
Φ_s = warmte afgifte volgens EN 442 (75/65/20 °C)
Φ = warmte afgifte bij genoemde systeemtemperaturen

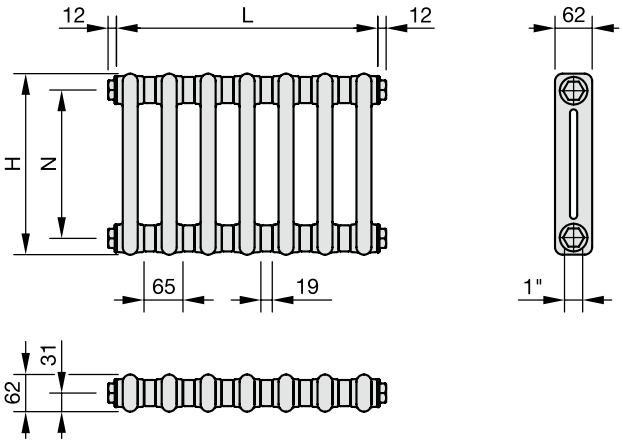
Maten in mm

Technische gegevens per element

Model	H	N	T	A	V	M	s_k	q_{ms}	Exp.	Φ_s=ΔT 50 K EN442	Φ 70/55/20 °C	Φ 55/45/20 °C
	mm	mm	mm	m^2	dm^3	kg	%	kg/h	n	Watt	Watt	Watt
6019	200	134	210	0,09	0,8	1,09	19	4,0	1,27	41,5	33,5	21,5
6026	260	194	210	0,12	1,0	1,35	18	5,0	1,27	54,0	43,5	28,0
6030	300	234	210	0,14	1,1	1,52	15	5,0	1,26	61,3	49,5	32,0
6035	350	284	210	0,16	1,2	1,74	14	6,0	1,26	71,0	57,3	37,0
6040	400	334	210	0,19	1,3	1,94	14	7,0	1,27	80,5	64,9	41,8
6045	450	384	210	0,21	1,4	2,15	13	8,0	1,27	89,8	72,4	46,6
6050	500	434	210	0,23	1,5	2,35	13	9,0	1,28	99,0	79,7	51,1
6055	550	484	210	0,26	1,6	2,55	12	9,0	1,28	108,0	86,9	55,7
6060	600	534	210	0,28	1,8	2,76	12	10,0	1,29	117,0	94,0	60,1
6075	750	684	210	0,35	2,1	3,37	12	12,0	1,30	143,0	114,7	73,0
6090	900	834	210	0,42	2,5	3,98	12	14,0	1,31	167,0	133,7	84,9
6100	1000	934	210	0,47	2,7	4,38	12	16,0	1,31	183,0	146,5	93,0
6110	1100	1034	210	0,52	3,0	4,79	12	17,0	1,32	198,0	158,3	100,1
6120	1200	1134	210	0,56	3,2	5,20	12	18,0	1,32	210,0	167,9	106,2
6150	1500	1434	210	0,70	4,0	6,42	12	22,0	1,32	256,0	204,6	129,4
6180	1800	1734	210	0,85	4,7	7,64	12	26,0	1,33	303,0	241,8	152,4
6200	2000	1934	210	0,94	5,2	8,46	12	29,0	1,32	334,0	267,0	168,8
6220	2200	2134	210	1,03	5,6	9,27	12	31,0	1,32	365,0	291,7	184,5
6250	2500	2434	210	1,18	6,3	10,49	12	35,0	1,32	412,0	329,3	208,3
6280	2800	2734	210	1,33	7,0	11,71	12	39,0	1,30	459,0	368,1	234,4
6300	3000	2934	210	1,41	7,5	12,53	12	42,0	1,30	491,0	393,8	250,8

Zehnder Charleston Klinik

Model 2-kolommer Klinik



H = Bouwhoogte
L = Bouwlengte = Elementen x 65 mm - 19 mm
N = Nippelafstand
T = Bouwdiepte
A = Oppervlakte
V = Waterinhoud
M = Gewicht
s_k = Stralingsaandeel
q_{ms} = Normwaterstroom
n = Radiator-exponent
Φ_s = warmte afgifte volgens EN 442 (75/65/20 °C)
Φ = warmte afgifte bij genoemde systeemtemperaturen

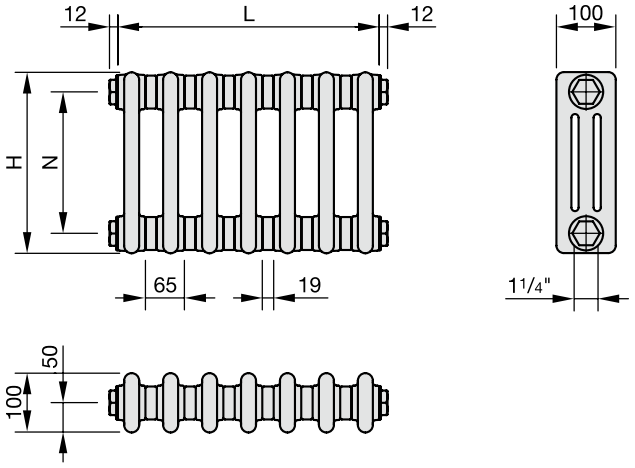
Afmetingen in mm

Technische gegevens per element

Model	H	N	T	A	V	M	s_k	q_{ms}	Exp.	Φ_s=ΔT 50 K EN442	Φ 70/55/20 °C	Φ 55/45/20 °C
	mm	mm	mm	m^2	dm^3	kg	%	kg/h	n	Watt	Watt	Watt
K2019	177	119	62	0,03	0,3	0,35	30	1,5	1,30	17,2	13,8	8,8
K2026	260	202	62	0,04	0,4	0,46	25	2,1	1,30	23,9	19,2	12,2
K2030	292	234	62	0,05	0,4	0,51	25	2,3	1,29	26,5	21,3	13,6
K2035	342	284	62	0,06	0,4	0,58	24	2,5	1,29	29,3	23,5	15,0
K2040	392	334	62	0,07	0,5	0,64	25	2,8	1,29	32,3	25,9	16,6
K2045	442	384	62	0,07	0,5	0,71	24	3,0	1,29	35,4	28,4	18,2
K2050	492	434	62	0,08	0,6	0,78	23	3,3	1,29	38,6	31,0	19,8
K2055	542	484	62	0,09	0,6	0,85	23	3,6	1,29	41,9	33,7	21,5
K2060	592	534	62	0,10	0,6	0,92	23	3,9	1,29	45,2	36,3	23,2
K2075	742	684	62	0,12	0,8	1,12	22	4,8	1,29	55,8	44,8	28,6
K2090	892	834	62	0,14	0,9	1,32	22	5,8	1,30	66,9	53,7	34,2
K2100	992	934	62	0,16	1,0	1,46	22	6,4	1,30	74,7	59,9	38,2
K2110	1092	1034	62	0,18	1,0	1,60	22	7,1	1,30	82,6	66,2	42,2
K2120	1192	1134	62	0,19	1,1	1,73	22	7,8	1,30	90,6	72,7	46,3
K2150	1492	1434	62	0,24	1,3	2,14	23	9,9	1,33	115,0	91,8	57,8
K2180	1792	1734	62	0,29	1,6	2,55	23	12,1	1,35	141,0	112,1	70,2
K2200	1992	1934	62	0,32	1,8	2,82	23	13,5	1,34	157,0	125,1	78,5
K2220	2192	2134	62	0,35	1,9	3,09	23	14,9	1,34	173,0	137,8	86,5
K2250	2492	2434	62	0,40	2,2	3,50	23	16,8	1,33	195,0	155,6	98,1
K2280	2792	2734	62	0,45	2,4	3,91	23	18,8	1,32	219,0	175,0	110,7
K2300	2992	2934	62	0,48	2,6	4,18	23	20,2	1,32	235,0	187,8	118,8

Zehnder Charleston Klinik

Model 3-kolommer Klinik



H = Bouwhoogte
L = Bouwlengte = Elementen x 65 mm - 19 mm
N = Nippelafstand
T = Bouwdiepte
A = Oppervlakte
V = Waterinhoud
M = Gewicht
s_k = Stralingsaandeel
q_{ms} = Normwaterstroom
n = Radiator-exponent
Φ_s = warmte afgifte volgens EN 442 (75/65/20 °C)
Φ = warmte afgifte bij genoemde systeemtemperaturen

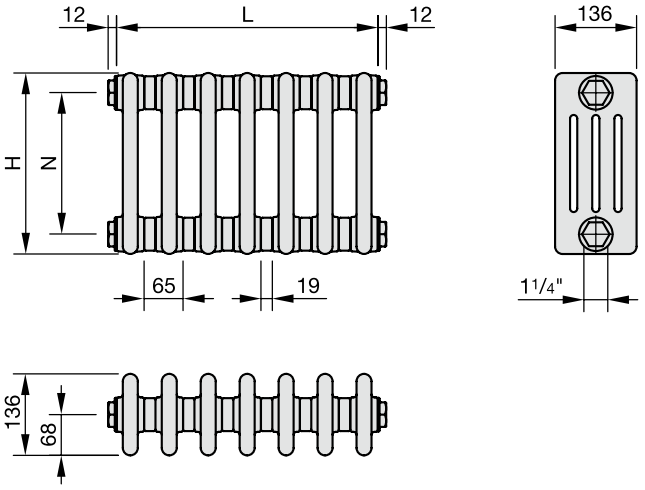
Afmetingen in mm

Technische gegevens per element

Model	H	N	T	A	V	M	s_k	q_{ms}	Exp.	Φ_s=ΔT 50 K EN442	Φ 70/55/20 °C	Φ 55/45/20 °C
	mm	mm	mm	m^2	dm^3	kg	%	kg/h	n	Watt	Watt	Watt
K3019	185	119	100	0,05	0,5	0,53	23	2,0	1,26	23,5	19,0	12,3
K3026	260	194	100	0,06	0,6	0,69	21	2,7	1,27	31,6	25,5	16,4
K3030	300	234	100	0,07	0,6	0,77	20	3,1	1,27	35,9	28,9	18,6
K3035	350	284	100	0,08	0,7	0,88	20	3,5	1,28	41,1	33,1	21,2
K3040	400	334	100	0,10	0,7	0,98	19	4,0	1,28	46,3	37,3	23,9
K3045	450	384	100	0,11	0,8	1,09	19	4,4	1,28	51,3	41,3	26,5
K3050	500	434	100	0,12	0,9	1,19	18	4,8	1,28	56,3	45,3	29,1
K3055	550	484	100	0,13	0,9	1,30	18	5,3	1,29	61,3	49,2	31,5
K3060	600	534	100	0,14	1,0	1,41	18	5,7	1,29	66,2	53,2	34,0
K3075	750	684	100	0,18	1,2	1,72	18	6,9	1,30	80,7	64,7	41,2
K3090	900	834	100	0,21	1,3	2,04	18	8,2	1,31	95,1	76,1	48,3
K3100	1000	934	100	0,24	1,5	2,25	18	9,0	1,32	105,0	83,9	53,1
K3110	1100	1034	100	0,26	1,6	2,46	18	9,8	1,32	114,0	91,1	57,6
K3120	1200	1134	100	0,29	1,7	2,67	18	10,8	1,33	125,0	99,7	62,9
K3150	1500	1434	100	0,36	2,0	3,31	18	13,7	1,33	159,0	126,9	80,0
K3180	1800	1734	100	0,43	2,4	3,94	18	16,5	1,34	192,0	152,9	96,1
K3200	2000	1934	100	0,47	2,6	4,36	18	18,4	1,33	214,0	170,8	107,6
K3220	2200	2134	100	0,52	2,9	4,78	18	20,2	1,33	235,0	187,5	118,2
K3250	2500	2434	100	0,56	3,3	5,42	18	22,7	1,33	264,0	210,7	132,8
K3280	2800	2734	100	0,66	3,7	6,05	18	24,9	1,33	290,0	231,4	145,8
K3300	3000	2934	100	0,71	4,0	6,47	18	26,7	1,33	311,0	248,2	156,4

Zehnder Charleston Klinik

Model 4-kolommer Klinik



H = Bouwhoogte
L = Bouwlengte = Elementen x 65 mm - 19 mm
N = Nippelafstand
T = Bouwdiepte
A = Oppervlakte
V = Waterinhoud
M = Gewicht
s_k = Stralingsaandeel
q_{ms} = Normwaterstroom
n = Radiator-exponent
Φ_s = warmte afgifte volgens EN 442 (75/65/20 °C)
Φ = warmte afgifte bij genoemde systeemtemperaturen

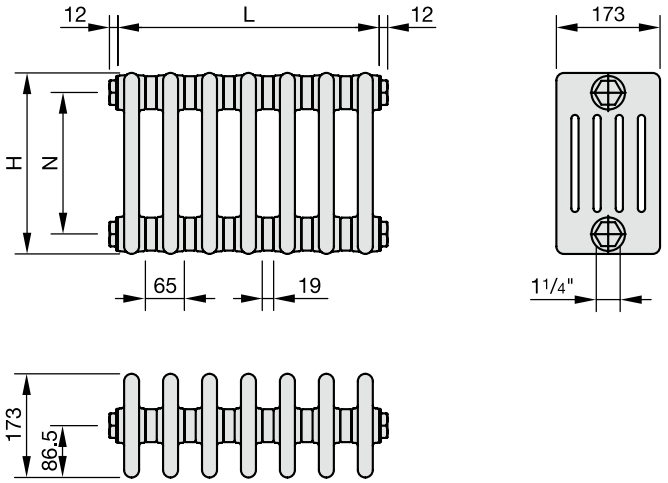
Afmetingen in mm

Technische gegevens per element

Model	H	N	T	A	V	M	s_k	q_{ms}	Exp.	Φ_s=ΔT 50 K EN442	Φ 70/55/20 °C	Φ 55/45/20 °C
	mm	mm	mm	m^2	dm^3	kg	%	kg/h	n	Watt	Watt	Watt
K4019	200	134	136	0,07	0,6	0,70	20	2,7	1,26	31,7	25,6	16,5
K4026	260	194	136	0,09	0,7	0,87	18	3,4	1,26	40,0	32,3	20,9
K4030	300	234	136	0,10	0,8	0,98	18	3,9	1,26	46,0	37,1	24,0
K4035	350	284	136	0,11	0,9	1,11	17	4,5	1,26	52,3	42,2	27,3
K4040	400	334	136	0,13	0,9	1,25	16	5,1	1,27	59,1	47,6	30,7
K4045	450	384	136	0,15	1,0	1,39	16	5,7	1,27	65,8	53,0	34,1
K4050	500	434	136	0,16	1,1	1,53	16	6,2	1,27	72,5	58,4	37,6
K4055	550	484	136	0,18	1,2	1,66	16	6,8	1,28	79,2	63,7	40,9
K4060	600	534	136	0,19	1,3	1,80	15	7,4	1,28	85,8	69,0	44,3
K4075	750	684	136	0,24	1,5	2,21	15	9,1	1,29	106,0	85,2	54,4
K4090	900	834	136	0,29	1,8	2,62	15	10,8	1,30	125,0	100,3	63,8
K4100	1000	934	136	0,32	1,9	2,90	15	11,9	1,31	138,0	110,5	70,1
K4110	1100	1034	136	0,35	2,1	3,17	15	13,0	1,32	151,0	120,7	76,3
K4120	1200	1134	136	0,38	2,2	3,45	15	14,1	1,32	164,0	131,1	82,9
K4150	1500	1434	136	0,47	2,7	4,27	15	17,4	1,31	202,0	161,7	102,6
K4180	1800	1734	136	0,57	3,1	5,09	15	20,6	1,31	240,0	192,2	121,9
K4200	2000	1934	136	0,63	3,4	5,64	15	22,9	1,32	266,0	212,6	134,5
K4220	2200	2134	136	0,70	3,7	6,19	15	25,0	1,32	291,0	232,6	147,1
K4250	2500	2434	136	0,79	4,3	7,01	15	28,4	1,32	330,0	263,8	166,8
K4280	2800	2734	136	0,87	4,9	7,84	15	32,2	1,32	375,0	299,7	189,6
K4300	3000	2934	136	0,95	5,4	8,39	15	34,5	1,32	401,0	320,5	202,7

Zehnder Charleston Klinik

Model 5-kolommer Klinik



H = Bouwhoogte
L = Bouwlengte = Elementen x 65 mm - 19 mm
N = Nippelafstand
T = Bouwdiepte
A = Oppervlakte
V = Waterinhoud
M = Gewicht
s_k = Stralingsaandeel
q_{ms} = Normwaterstroom
n = Radiator-exponent
Φ_s = warmte afgifte volgens EN 442 (75/65/20 °C)
Φ = warmte afgifte bij genoemde systeemtemperaturen

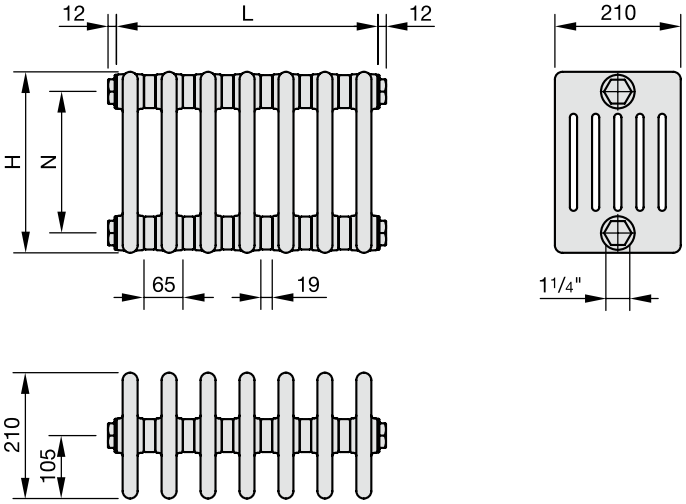
Afmetingen in mm

Technische gegevens per element

Model	H	N	T	A	V	M	s_k	q_{ms}	Exp.	Φ_s=ΔT 50 K EN442	Φ 70/55/20 °C	Φ 55/45/20 °C
	mm	mm	mm	m^2	dm^3	kg	%	kg/h	n	Watt	Watt	Watt
K5019	200	134	173	0,08	0,8	0,94	19	3,3	1,26	38,8	31,3	20,2
K5026	260	194	173	0,11	0,9	1,14	17	4,2	1,25	48,9	39,6	25,6
K5030	300	234	173	0,12	1,0	1,28	16	4,8	1,25	55,7	45,1	29,2
K5035	350	284	173	0,14	1,1	1,45	15	5,5	1,25	64,0	51,8	33,5
K5040	400	334	173	0,16	1,2	1,62	15	6,2	1,26	72,4	58,5	37,7
K5045	450	384	173	0,18	1,3	1,79	14	6,9	1,26	80,7	65,2	42,1
K5050	500	434	173	0,20	1,4	1,96	14	7,7	1,26	89,0	71,9	46,4
K5055	550	484	173	0,22	1,5	2,14	14	8,4	1,27	97,3	78,4	50,5
K5060	600	534	173	0,24	1,6	2,31	13	9,1	1,27	106,0	85,4	55,0
K5075	750	684	173	0,30	1,9	2,82	13	11,2	1,28	130,0	104,6	67,1
K5090	900	834	173	0,36	2,2	3,34	13	13,2	1,29	154,0	123,7	79,1
K5100	1000	934	173	0,40	2,4	3,68	13	14,6	1,30	170,0	136,3	86,8
K5110	1100	1034	173	0,44	2,6	4,02	13	16,0	1,31	186,0	148,9	94,5
K5120	1200	1134	173	0,48	2,8	4,36	13	17,4	1,31	202,0	161,7	102,6
K5150	1500	1434	173	0,59	3,3	5,39	13	21,2	1,30	247,0	198,1	126,2
K5180	1800	1734	173	0,71	3,9	6,42	13	25,2	1,29	293,0	235,4	150,4
K5200	2000	1934	173	0,79	4,3	7,10	13	27,8	1,31	323,0	258,6	164,1
K5220	2200	2134	173	0,87	4,7	7,79	13	30,5	1,31	355,0	284,2	180,4
K5250	2500	2434	173	0,99	5,4	8,82	13	34,7	1,31	403,0	322,7	204,8
K5280	2800	2734	173	1,11	6,1	9,84	13	39,4	1,31	458,0	366,7	232,7
K5300	3000	2934	173	1,19	6,6	10,53	13	42,1	1,31	490,0	392,3	249,0

Zehnder Charleston Klinik

Model 6-kolommer Klinik



H = Bouwhoogte
L = Bouwlengte = Elementen x 65 mm - 19 mm
N = Nippelafstand
T = Bouwdiepte
A = Oppervlakte
V = Waterinhoud
M = Gewicht
s_k = Stralingsaandeel
q_{ms} = Normwaterstroom
n = Radiator-exponent
Φ_s = warmte afgifte volgens EN 442 (75/65/20 °C)
Φ = warmte afgifte bij genoemde systeemtemperaturen

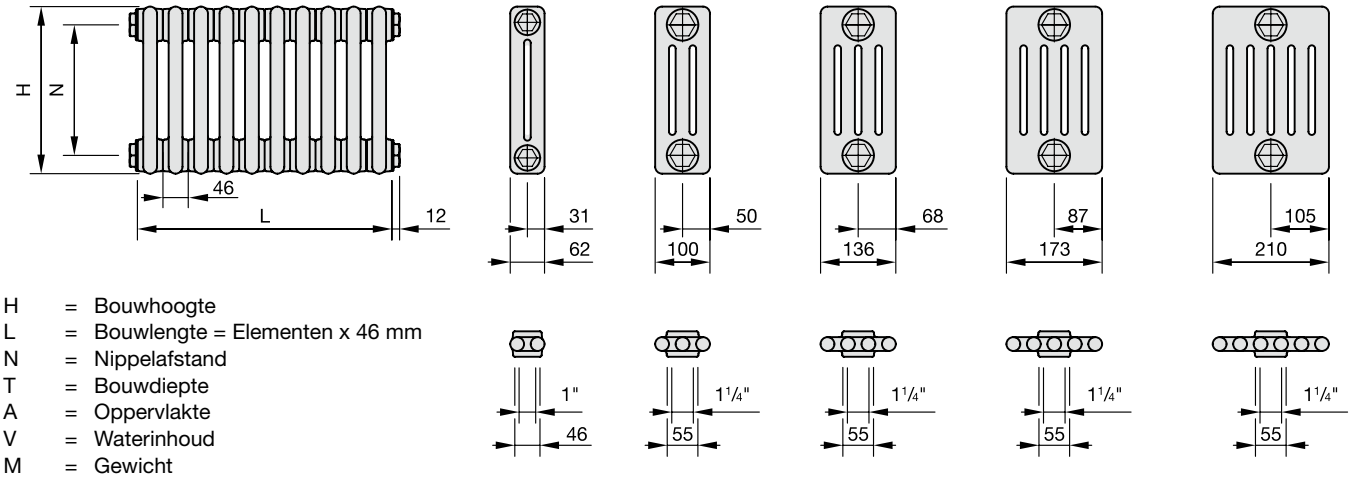
Afmetingen in mm

Technische gegevens per element

Model	H	N	T	A	V	M	s_k	q_{ms}	Exp.	Φ_s=ΔT 50 K EN442	Φ 70/55/20 °C	Φ 55/45/20 °C
	mm	mm	mm	m^2	dm^3	kg	%	kg/h	n	Watt	Watt	Watt
K6019	200	134	210	0,10	0,9	1,13	19	3,9	1,27	45,8	36,9	23,8
K6026	260	194	210	0,13	1,0	1,37	18	5,0	1,28	58,1	46,8	30,0
K6030	300	234	210	0,15	1,1	1,54	15	5,7	1,29	66,2	53,2	34,0
K6035	350	284	210	0,17	1,3	1,74	14	6,6	1,29	76,2	61,2	39,1
K6040	400	334	210	0,19	1,4	1,94	14	7,4	1,29	86,2	69,3	44,3
K6045	450	384	210	0,22	1,5	2,15	13	8,3	1,29	96,1	77,2	49,3
K6050	500	434	210	0,24	1,6	2,35	13	9,1	1,29	106,0	85,2	54,4
K6055	550	484	210	0,26	1,8	2,56	12	10,0	1,29	116,0	93,2	59,6
K6060	600	534	210	0,29	1,9	2,76	12	10,8	1,29	125,0	100,4	64,2
K6075	750	684	210	0,36	2,2	3,37	12	13,2	1,30	154,0	123,5	78,7
K6090	900	834	210	0,43	2,6	3,99	12	15,7	1,30	183,0	146,8	93,5
K6100	1000	934	210	0,48	2,8	4,40	12	17,3	1,30	201,0	161,2	102,7
K6110	1100	1034	210	0,52	3,1	4,80	12	18,9	1,30	220,0	176,4	112,4
K6120	1200	1134	210	0,57	3,3	5,21	12	20,5	1,30	238,0	190,9	121,6
K6150	1500	1434	210	0,71	4,0	6,44	12	25,2	1,31	293,0	234,6	148,9
K6180	1800	1734	210	0,85	4,8	7,66	12	30,0	1,32	349,0	279,0	176,4
K6200	2000	1934	210	0,95	5,2	8,48	12	33,2	1,31	386,0	309,1	196,1
K6220	2200	2134	210	1,04	5,7	9,30	12	36,4	1,31	423,0	338,7	214,9
K6250	2500	2434	210	1,19	6,4	10,52	12	41,4	1,30	481,0	385,8	245,7
K6280	2800	2734	210	1,34	7,1	11,75	12	46,2	1,30	537,0	430,7	274,3
K6300	3000	2934	210	1,42	7,6	12,56	12	49,4	1,30	575,0	461,2	293,7

Zehnder Charleston Retrofit

Model 2 - 6 kolommer Retrofit



H = Bouwhoogte
L = Bouwlengte = Elementen x 46 mm
N = Nippelafstand
T = Bouwdiepte
A = Oppervlakte
V = Waterinhoud
M = Gewicht
s_k = Stralingsaandeel
q_{ms} = Normwaterstroom
n = Radiator-exponent
Φ_s = warmte afgifte volgens EN 442 (75/65/20 °C)
Φ = warmte afgifte bij genoemde systeemtemperaturen

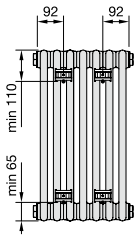
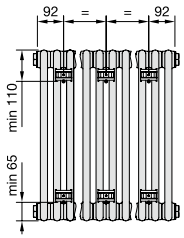
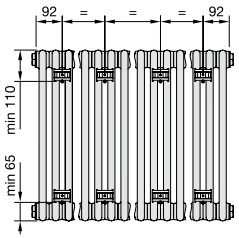
Afmetingen in mm

Technische gegevens per element

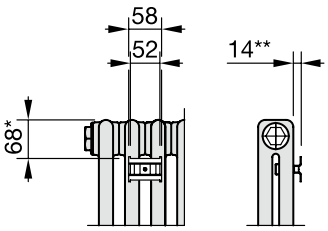
Model	H	N	T	A	V	M	s_k	q_{ms}	Exp.	Φ_s=ΔT 50 K EN442	Φ 70/55/20 °C	Φ 55/45/20 °C
	mm	mm	mm	m^2	dm^3	kg	%	kg/h	n	Watt	Watt	Watt
2041	408	350	62	0,06	0,4	0,65	24	3,0	1,24	32,0	25,9	16,9
2046	458	400	62	0,07	0,5	0,72	24	3,0	1,24	35,0	28,4	18,4
2056	558	500	62	0,08	0,6	0,86	23	4,0	1,30	42,0	33,7	21,5
2066	658	600	62	0,10	0,7	0,99	22	4,0	1,30	48,0	38,5	24,5
2096	958	900	62	0,15	0,9	1,40	22	6,0	1,25	67,0	54,2	35,1
3037	366	300	100	0,08	0,6	0,89	19	3,0	1,25	38,0	30,7	19,9
3042	416	350	100	0,09	0,7	0,99	19	4,0	1,25	43,0	34,8	22,5
3057	566	500	100	0,13	0,9	1,31	18	5,0	1,26	57,0	46,0	29,7
3067	666	600	100	0,15	1,0	1,52	18	6,0	1,26	67,0	54,1	34,9
3097	966	900	100	0,22	1,3	2,15	18	8,0	1,27	92,0	74,2	47,7
3107	1066	1000	100	0,25	1,5	2,36	18	9,0	1,27	100,0	80,6	51,9
4037	366	300	136	0,11	0,8	1,14	16	4,0	1,25	50,0	40,4	26,2
4042	416	350	136	0,13	0,9	1,28	16	5,0	1,26	57,0	46,0	29,7
4057	566	500	136	0,17	1,1	1,69	15	6,0	1,27	74,0	59,7	38,4
4067	666	600	136	0,21	1,3	1,96	15	7,0	1,27	86,0	69,3	44,6
4097	966	900	136	0,30	1,7	2,79	15	10,0	1,28	120,0	96,6	61,9
4107	1066	1000	136	0,33	1,9	3,06	15	11,0	1,29	132,0	106,0	67,8
5037	366	300	173	0,14	1,0	1,49	15	5,0	1,26	62,0	50,1	32,3
5057	566	500	173	0,21	1,4	2,17	14	8,0	1,27	94,0	75,8	48,8
5067	666	600	173	0,26	1,6	2,52	13	9,0	1,28	108,0	86,9	55,7
5097	966	900	173	0,37	2,1	3,54	13	13,0	1,30	150,0	120,3	76,6
5107	1066	1000	173	0,42	2,3	3,88	13	14,0	1,30	161,0	129,1	82,2
6027	266	200	210	0,13	1,1	1,44	16	5,0	1,27	55,0	44,3	28,5
6037	366	300	210	0,17	1,1	1,80	14	6,0	1,26	74,0	59,8	38,6
6042	416	350	210	0,19	1,3	2,01	13	7,0	1,27	84,0	67,7	43,6
6057	566	500	210	0,27	1,7	2,62	12	9,0	1,28	111,0	89,3	57,3
6067	666	600	210	0,31	1,9	3,02	12	11,0	1,30	129,0	103,5	65,9
6097	966	900	210	0,45	2,6	4,25	12	15,0	1,31	179,0	143,3	91,0
6107	1066	1000	210	0,50	2,8	4,65	12	16,0	1,32	193,0	154,3	97,6

Zehnder Charleston, Zehnder Charleston Klinik

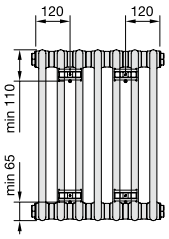
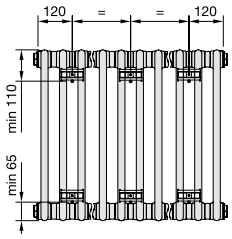
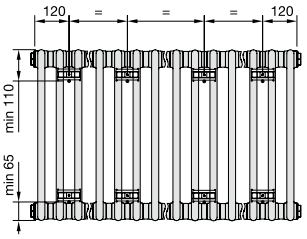
Uitvoering Charleston, maten voor boren bij gebruik van CVD consoles (bovenste boorgat)

Aantal bevestigingen	2 assen / 4 consoles	3 assen / 6 consoles	4 assen / 8 consoles
		 Bij oneven aantal elementen moet de middelste as met 23 mm worden verzet	

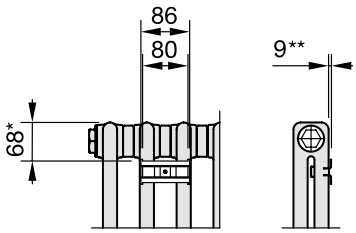
Detail ophanging



Uitvoering Charleston Klinik, maatgegevens voor de boorgaten bij gebruik van de CVD beugels (bovenste boorgat)

Aantal bevestigingspunten	2 assen / 4 consoles	3 assen / 6 consoles	4 assen / 8 consoles
		 Bij oneven aantal elementen moet de middelste as met 23 mm worden verzet	

Detail ophanging

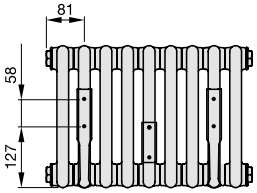
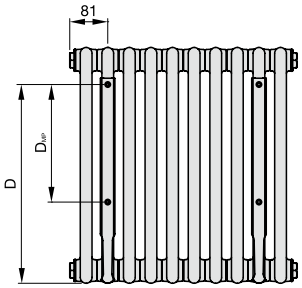
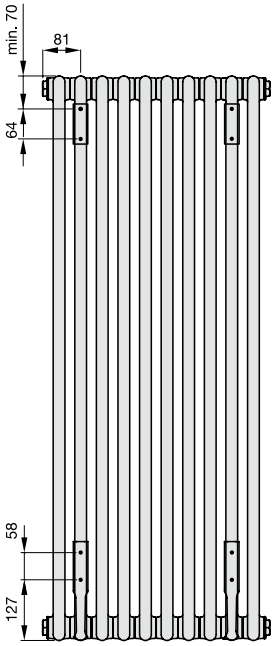


Afmetingen in mm

• = boorpunt
L = bouwlengte
H = bouwhoogte
* = kleinst mogelijke afmeting
** = voorzijde houder tot radiator

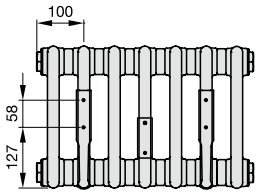
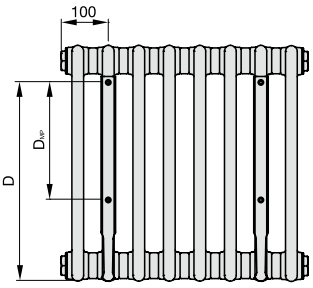
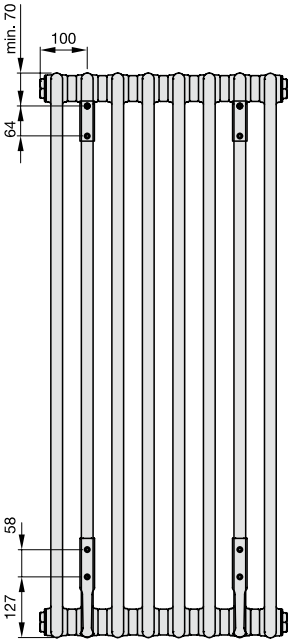
Zehnder Charleston, Zehnder Charleston Klinik

Uitvoering Charleston, maten voor boren bij gebruik van EasyFix consoles

voor bouwhoogte mm	SMB 2T H = 245-299	SMB 30-75 H = 300-1000	SMB 2T H = 1001-3000
			

H	D_{MP}	D
300 - 369	69	242
370 - 484	140	311
485 - 678	240	411
680 - 1000	445	621

Uitvoering Charleston Klinik, maten voor boren bij gebruik van EasyFix consoles

voor bouwhoogte mm	SMB 2T H = 245-299	SMB 30-75 H = 300-1000	SMB 2T H = 1001-3000
			

H	D_{MP}	D
300 - 369	69	242
370 - 484	140	311
485 - 678	240	411
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Afmetingen in mm

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Zehnder Charleston verpakking op maat

Geleverd zoals besteld

Een barcode gestuurde logistiek zorgt voor een betrouwbare, tijdige levering. Een stevige volledige kartonverpakking voorkomt eventuele transportschade, stretchfolie beschermt de Zehnder Charleston tijdens en na de installatie. Deze folie hoeft pas tijdens de ingebruikname van de radiator verwijderd te worden.

Zehnder Charleston is met stretchfolie en kartonnen verpakking altijd beschermd:

- Tijdens het transport
- Bij voorraad houden in het magazijn
- Tot het einde van de bouw

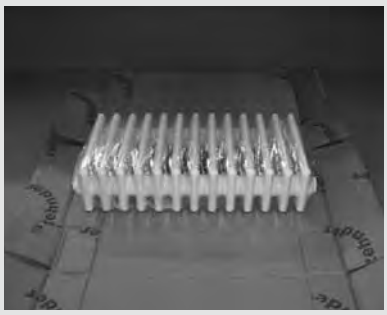
Betrouwbaarheid

- Korte levertijden
- Snelle, betrouwbaar logistiek systeem
- In de regel afspraken over leverdag mogelijk

Zehnder Charleston etiket

- Met belangrijke informatie zoals projectnaam, verdieping, ruimte, model, type aansluiting
- Optimalisatie van de logistiek door de barcode

Voordelen op de bouwplaats



Op de bouwplaats word de Zehnder Charleston voor de montage op de originele kartonnen Zehnder verpakking gelegd.

Standaard aansluit- en bevestigingsmateriaal is mee verpakt.

Strechfolie blijft gedurende de montage en tot de in gebruik name als bescherming om de radiator.

De originele verpakking dient ook na montage als extra bescherming gedurende de hele bouw tot de definitieve in gebruik name.