

zehnder

always the
best climate

Zehnder Charleston

Product data sheet



The original tubular radiator is an efficient all-rounder that inspires through form, function and comfort. The element construction gives Zehnder Charleston its transparent appearance and timeless elegance. The tubular radiator provides comfortable radiant heat and transforms the living space into an oasis of relaxation. Zehnder Charleston has an extended range of models. Available in almost any colour and finish from the Zehnder colour chart.

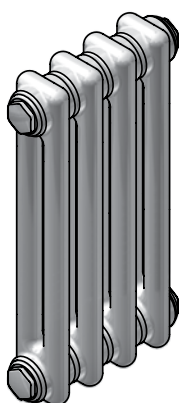
Benefits

- Multi-purpose thanks to the wide range of different connections, fittings and models
- Classic, elegant design blends in with any setting
- Easy cleaning with the lambswool cleaning brush from Zehnder
- High proportion of radiation ensures comfort
- Compatible with a heat pump and/or low-temperature systems
- Special solutions support a wide range of application, such as curved or angled
- Easy to clean and perfect for people suffering from allergies thanks to its smooth surface
- Available with special Zehnder TopCare surface coating for preventing the reproduction and spread of micro-organisms
- Adaptable to the construction situation thanks to element construction
- High level of heat capacity also for old buildings with a high heating load
- Residue-free laser welding technology “LaZer made” guarantees maximum quality, high-end design and reliable operation of the heating system

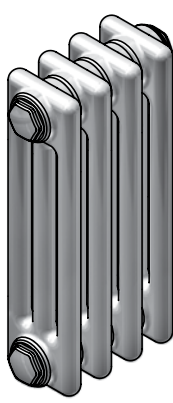
Special advantages for electric operation

- Increased safety with keylock
- Customisable daily and weekly programmes for convenient, on-demand operation
- User-friendly control device allows simple operation
- Timer function for on-demand operation
- Flexible control options: control device for wall mounting or base
- High energy efficiency due to compliance with the European Ecodesign Directive reduces energy costs
- Energy-efficient and comfortable heating with innovative “open window detection”
- Low energy consumption of only 0.5 W in stand-by mode for increased energy efficiency

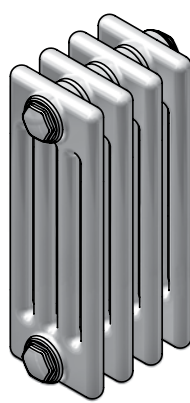
Model overview



Model 2-column



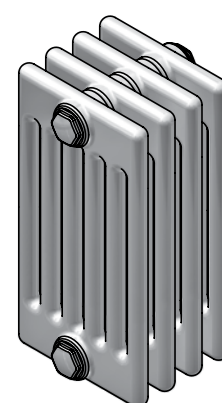
Model 3-column



Model 4-column



Model 5-column



Model 6-column

Model 2-column

Technical specifications per element

Model	H mm	L ¹⁾ mm	T mm	Thermal output		
				75/65/20 °C ²⁾ Watt	70/55/20 °C Watt	55/45/20 °C Watt
2019	177	46	62	14.5	11.8	7.6
2030	292	46	62	23.6	19.2	12.5
2040	392	46	62	31.2	25.5	16.5
2045	442	46	62	34.9	28.5	18.5
2050	492	46	62	38.4	31.3	20.2
2055	542	46	62	41.9	34.2	22.1
2060	592	46	62	45.3	36.9	23.9
2075	742	46	62	55.0	44.8	29.0
2090	892	46	62	63.9	52.1	33.7
2100	992	46	62	69.5	56.7	36.7
2120	1192	46	62	82.7	67.3	43.4
2150	1492	46	62	104	84.4	54.0
2180	1792	46	62	124	100	63.5
2200	1992	46	62	138	112	70.6

Model 3-column

Technical specifications per element

Model	H mm	L ¹⁾ mm	T mm	Thermal output		
				75/65/20 °C ²⁾ Watt	70/55/20 °C Watt	55/45/20 °C Watt
3019	185	46	100	20.1	16.3	10.5
3030	300	46	100	32.0	26.1	16.9
3035	350	46	100	37.0	30.2	19.5
3040	400	46	100	41.9	34.2	22.1
3045	450	46	100	46.8	38.2	24.7
3050	500	46	100	51.6	42.1	27.2
3055	550	46	100	56.3	45.8	29.5
3060	600	46	100	60.9	49.6	32.0
3075	750	46	100	74.3	60.5	39.0
3090	900	46	100	87.0	70.7	45.4
3100	1000	46	100	95.1	77.3	49.7
3120	1200	46	100	115	93.2	59.5
3150	1500	46	100	140	113	71.7
3180	1800	46	100	166	134	84.1
3200	2000	46	100	183	147	92.7

Model 4-column

Technical specifications per element

Model	H mm	L ¹⁾ mm	T mm	Thermal output		
				75/65/20 °C ²⁾ Watt	70/55/20 °C Watt	55/45/20 °C Watt
4019	200	46	136	28.4	23.1	14.9
4030	300	46	136	41.9	34.2	22.1
4035	350	46	136	48.5	39.5	25.6
4040	400	46	136	54.9	44.7	28.8
4045	450	46	136	61.3	49.9	32.2
4050	500	46	136	67.6	55.0	35.5
4055	550	46	136	73.7	60.0	38.7

H = height, L = length, T = depth

1) Total length = number of sections x 46 mm + 26 mm

2) Nominal heat output according to EN 442

Model 4-column

Technical specifications per element

Model	H mm	L ¹⁾ mm	T mm	Thermal output		
				75/65/20 °C ²⁾ Watt	70/55/20 °C Watt	55/45/20 °C Watt
4060	600	46	136	79.8	64.9	41.7
4075	750	46	136	97.4	79.2	50.9
4090	900	46	136	114	92.5	59.2
4100	1000	46	136	125	101	64.6
4120	1200	46	136	147	119	75.6
4150	1500	46	136	180	146	92.1
4180	1800	46	136	213	172	108
4200	2000	46	136	234	189	119

Model 5-column

Technical specifications per element

Model	H mm	L ¹⁾ mm	T mm	Thermal output		
				75/65/20 °C ²⁾ Watt	70/55/20 °C Watt	55/45/20 °C Watt
5019	200	46	173	35.0	28.5	18.4
5030	300	46	173	51.7	42.2	27.3
5040	400	46	173	67.9	55.3	35.6
5045	450	46	173	75.8	61.7	39.8
5050	500	46	173	83.5	67.9	43.6
5055	550	46	173	91.1	74.1	47.6
5060	600	46	173	98.6	80.2	51.5
5075	750	46	173	120	97.3	62.0
5090	900	46	173	141	114	72.5
5100	1000	46	173	154	125	79.2
5120	1200	46	173	179	145	91.6
5150	1500	46	173	219	177	112

Model 6-column

Technical specifications per element

Model	H mm	L ¹⁾ mm	T mm	Thermal output		
				75/65/20 °C ²⁾ Watt	70/55/20 °C Watt	55/45/20 °C Watt
6019	200	46	210	41.5	33.7	21.6
6030	300	46	210	61.3	49.9	32.2
6035	350	46	210	71.0	57.8	37.3
6040	400	46	210	80.5	65.4	42.0
6045	450	46	210	89.8	73.0	46.9
6050	500	46	210	99.0	80.4	51.4
6055	550	46	210	108	87.7	56.1
6060	600	46	210	117	94.8	60.5
6075	750	46	210	143	116	73.6
6090	900	46	210	167	135	85.5
6100	1000	46	210	183	148	93.7
6120	1200	46	210	210	170	107
6150	1500	46	210	256	207	130

H = height, L = length, T = depth

1) Total length = number of sections x 46 mm + 26 mm

2) Nominal heat output according to EN 442

Zehnder Charleston

Accessories



Zehnder Vario connection fittings



Zehnder lambswool cleaning brush

V20200518, RAD_DAS, UK_en, subject to change without notice