

Zehnder Excelsior

Hydronic operation

Product data sheet

always the best climate

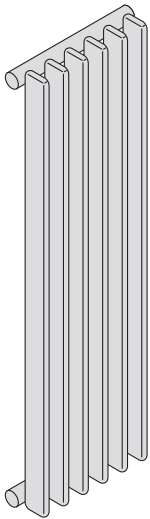


Zehnder Excelsior helps turn individual interior design concepts into reality. The classic and elegant flat tubes appear light and transparent. The radiator can be installed on the wall or used as a room divider. Available in many colours and finishes from the Zehnder colour chart, also made to measure as a special solution. Zehnder Excelsior combines home comforts and warmth.

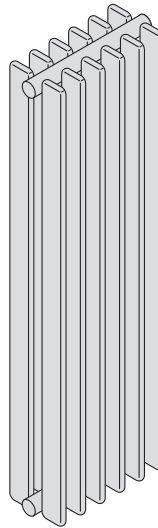
Advantages

- Light, seamless design through its element construction
- Low overall height and transparent construction offer an ideal solution for floor to ceiling windows
- Wide range of models supports versatile use
- High proportion of radiation ensures comfort
- Compatible with a heat pump and/or low-temperature systems

Model overview



Model 1-column



Model 2-column

Models 1-row

Model	H mm	L mm	T mm	Heat output		
				75/65/20 °C	70/55/20 °C	55/45/20 °C
				Watts	Watts	Watts
Models 1-layer						
E1035/30	350	30	95	24.2	19.8	13
E1040/30	405	30	95	27	22.1	14.5
E1045/30	450	30	95	29.3	24	15.7
E1050/30	500	30	95	31.9	26.1	17.1
E1055/30	550	30	95	34.4	28.2	18.4
E1060/30	600	30	95	36.9	30.2	19.8
E1070/30	700	30	95	41.9	34.3	22.4
E1080/30	800	30	95	46.8	38.3	25
E1090/30	900	30	95	51.8	42.4	27.6
E1100/30	1000	30	95	56.8	46.4	30.1
E1120/30	1200	30	95	67	54.7	35.4
E1150/30	1500	30	95	82.8	67.4	43.4
E1180/30	1800	30	95	99.5	80.8	51.8
E1200/30	2000	30	95	111	90	57.5
E1220/30	2200	30	95	123	99.6	63.4
E1250/30	2500	30	95	143	116	73.2

H = height, L = length, T = depth

Models 1-row

Model	H mm	L mm	T mm	Heat output		
				75/65/20 °C	70/55/20 °C	55/45/20 °C
				Watts	Watts	Watts
Models 1-layer						
E1035/35	350	35	95	25.2	20.7	13.7
E1040/35	405	35	95	27.9	22.9	15.1
E1045/35	450	35	95	30.5	25.1	16.5
E1050/35	500	35	95	33	27.1	17.8
E1055/35	550	35	95	35.6	29.2	19.2
E1060/35	600	35	95	38.1	31.3	20.5
E1070/35	700	35	95	43.2	35.4	23.2
E1080/35	800	35	95	48.3	39.6	25.8
E1090/35	900	35	95	53.4	43.7	28.5
E1100/35	1000	35	95	58.6	47.9	31.2
E1120/35	1200	35	95	69.3	56.6	36.6
E1150/35	1500	35	95	86.1	70.1	45.1
E1180/35	1800	35	95	104	84.4	54
E1200/35	2000	35	95	117	94.7	60.3
E1220/35	2200	35	95	131	106	67.1
E1250/35	2500	35	95	153	123	77.7

H = height, L = length, T = depth

Models 1-row

Model	H mm	L mm	T mm	Heat output		
				75/65/20 °C	70/55/20 °C	55/45/20 °C
				Watts	Watts	Watts
Models 1-layer						
E1021/40	210	40	95	18.3	9.9	8
E1028/40	280	40	95	22.4	12.1	9.7
E1035/40	350	40	95	26.3	21.6	14.1
E1040/40	405	40	95	29.4	24.1	15.8
E1045/40	450	40	95	31.8	26.1	17.1
E1050/40	500	40	95	34.4	28.2	18.4
E1055/40	550	40	95	37.1	30.4	19.8
E1060/40	600	40	95	39.7	32.5	21.2
E1065/40	650	40	95	42.4	22.6	18.1
E1070/40	700	40	95	45	36.8	24
E1075/40	750	40	95	47.7	25.4	20.2
E1080/40	800	40	95	50.3	41.1	26.7
E1090/40	900	40	95	55.6	45.4	29.4
E1100/40	1000	40	95	61.1	49.8	32.2
E1110/40	1100	40	95	66.6	35	27.8
E1120/40	1200	40	95	72.2	58.8	37.8
E1125/40	1250	40	95	75.2	39.4	31.2
E1130/40	1300	40	95	77.9	40.7	32.3
E1140/40	1400	40	95	77.9	43.7	34.6
E1150/40	1500	40	95	89.8	72.9	46.6
E1160/40	1600	40	95	96	49.7	39.3
E1170/40	1700	40	95	102	52.6	41.6
E1175/40	1750	40	95	106	54.6	43.1
E1180/40	1800	40	95	109	88.2	56.1
E1190/40	1900	40	95	116	59.5	46.9
E1200/40	2000	40	95	122	98.5	62.4
E1210/40	2100	40	95	130	66.2	52.1
E1220/40	2200	40	95	137	111	69.6
E1230/40	2300	40	95	144	72.9	57.2
E1240/40	2400	40	95	152	76.7	60.1

H = height, L = length, T = depth

Models 1-row

Model	H mm	L mm	T mm	Heat output		
				75/65/20 °C	70/55/20 °C	55/45/20 °C
				Watts	Watts	Watts
Models 1-layer						
E1035/45	350	45	95	27.3	22.4	14.7
E1040/45	405	45	95	30.4	24.9	16.4
E1045/45	450	45	95	32.9	27	17.7
E1050/45	500	45	95	35.7	29.3	19.2
E1055/45	550	45	95	38.4	31.5	20.6
E1060/45	600	45	95	41.1	33.7	22
E1070/45	700	45	95	46.5	38.1	24.8
E1080/45	800	45	95	52	42.5	27.7
E1090/45	900	45	95	57.5	47	30.5
E1100/45	1000	45	95	63.2	51.6	33.4
E1120/45	1200	45	95	74.7	60.8	39.2
E1150/45	1500	45	95	93.1	75.6	48.4
E1180/45	1800	45	95	113	91.5	58.2
E1200/45	2000	45	95	127	103	65
E1220/45	2200	45	95	142	115	72.2
E1250/45	2500	45	95	167	134	84

H = height, L = length, T = depth

Models 1-row

Model	H mm	L mm	T mm	Heat output		
				75/65/20 °C	70/55/20 °C	55/45/20 °C
				Watts	Watts	Watts
Models 1-layer						
E1035/50	350	50	95	28.3	23.2	15.2
E1040/50	405	50	95	31.4	25.7	16.8
E1045/50	450	50	95	34	27.8	18.2
E1050/50	500	50	95	36.8	30.1	19.7
E1055/50	550	50	95	39.6	32.4	21.1
E1060/50	600	50	95	42.3	34.6	22.5
E1070/50	700	50	95	47.9	39.1	25.4
E1080/50	800	50	95	53.5	43.7	28.3
E1090/50	900	50	95	59.2	48.2	31.2
E1100/50	1000	50	95	65.1	53	34.1
E1120/50	1200	50	95	77.1	62.6	40.1
E1150/50	1500	50	95	96.6	78.2	49.7
E1180/50	1800	50	95	118	95.2	60.1
E1200/50	2000	50	95	133	107	67.2
E1220/50	2200	50	95	150	120	75.2
E1250/50	2500	50	95	177	142	87.7

H = height, L = length, T = depth

Models 1-row

Model	H mm	L mm	T mm	Heat output		
				75/65/20 °C	70/55/20 °C	55/45/20 °C
				Watts	Watts	Watts
Models 1-layer						
E1035/55	350	55	95	29.2	23.9	15.7
E1040/55	405	55	95	32.5	26.6	17.4
E1045/55	450	55	95	35.2	28.8	18.9
E1050/55	500	55	95	38.1	31.2	20.4
E1055/55	550	55	95	41	33.6	21.9
E1060/55	600	55	95	43.9	35.9	23.4
E1070/55	700	55	95	49.7	40.6	26.4
E1080/55	800	55	95	55.5	45.3	29.4
E1090/55	900	55	95	61.4	50.1	32.4
E1100/55	1000	55	95	67.3	54.9	35.4
E1120/55	1200	55	95	79.6	64.7	41.6
E1150/55	1500	55	95	99.2	80.4	51.4
E1180/55	1800	55	95	121	97.8	62
E1200/55	2000	55	95	136	110	69.2
E1220/55	2200	55	95	152	122	76.9
E1250/55	2500	55	95	178	143	89.1

H = height, L = length, T = depth

Models 1-row

Model	H mm	L mm	T mm	Heat output		
				75/65/20 °C	70/55/20 °C	55/45/20 °C
				Watts	Watts	Watts
Models 1-layer						
E1035/60	350	60	95	30.1	24.7	16.2
E1040/60	405	60	95	33.5	27.5	18
E1045/60	450	60	95	36.2	29.7	19.4
E1050/60	500	60	95	39.2	32.1	21
E1055/60	550	60	95	42.2	34.5	22.5
E1060/60	600	60	95	45.2	37	24.1
E1070/60	700	60	95	51.1	41.8	27.1
E1080/60	800	60	95	57.1	46.6	30.2
E1090/60	900	60	95	63.1	51.5	33.3
E1100/60	1000	60	95	69.3	56.5	36.4
E1120/60	1200	60	95	81.9	66.6	42.8
E1150/60	1500	60	95	102	82.7	52.7
E1180/60	1800	60	95	124	100	63.5
E1200/60	2000	60	95	140	113	71.2
E1220/60	2200	60	95	156	126	78.8
E1250/60	2500	60	95	183	147	91.4

H = height, L = length, T = depth

Models 2-row

Model	H mm	L mm	T mm	Heat output		
				75/65/20 °C	70/55/20 °C	55/45/20 °C
				Watts	Watts	Watts
Models 2-layer						
E2035/30	350	30	160	43	34.8	22.2
E2040/30	405	30	160	48	38.9	24.7
E2045/30	450	30	160	52.1	42.2	26.8
E2050/30	500	30	160	56.5	45.7	29.1
E2055/30	550	30	160	60.9	49.3	31.3
E2060/30	600	30	160	65.2	52.7	33.5
E2070/30	700	30	160	73.7	59.6	37.8
E2080/30	800	30	160	82.1	66.4	42.1
E2090/30	900	30	160	90.4	73	46.3
E2100/30	1000	30	160	98.7	79.7	50.5
E2120/30	1200	30	160	115	92.8	58.6
E2150/30	1500	30	160	140	113	71
E2180/30	1800	30	160	166	134	83.8
E2200/30	2000	30	160	183	147	92.1
E2220/30	2200	30	160	201	161	101
E2250/30	2500	30	160	228	183	114

H = height, L = length, T = depth

Models 2-row

Model	H mm	L mm	T mm	Heat output		
				75/65/20 °C	70/55/20 °C	55/45/20 °C
				Watts	Watts	Watts
Models 2-layer						
E2035/35	350	35	160	44.4	35.9	22.9
E2040/35	405	35	160	49.8	40.3	25.6
E2045/35	450	35	160	54.2	43.9	27.9
E2050/35	500	35	160	58.9	47.7	30.3
E2055/35	550	35	160	63.6	51.4	32.7
E2060/35	600	35	160	68.3	55.2	35.1
E2070/35	700	35	160	77.4	62.6	39.7
E2080/35	800	35	160	86.5	69.9	44.4
E2090/35	900	35	160	95.4	77.1	48.9
E2100/35	1000	35	160	104	84	53.2
E2120/35	1200	35	160	122	98.5	62.3
E2150/35	1500	35	160	149	120	75.8
E2180/35	1800	35	160	176	142	89.2
E2200/35	2000	35	160	194	156	98
E2220/35	2200	35	160	213	171	107
E2250/35	2500	35	160	241	194	121

H = height, L = length, T = depth

Models 2-row

Model	H mm	L mm	T mm	Heat output		
				75/65/20 °C	70/55/20 °C	55/45/20 °C
				Watts	Watts	Watts
Models 2-layer						
E2021/40	210	40	160	31.2	16.2	12.8
E2028/40	280	40	160	38.9	20.2	16
E2035/40	350	40	160	46.2	37.5	23.9
E2040/40	405	40	160	51.7	41.9	26.8
E2045/40	450	40	160	56.2	45.6	29.1
E2050/40	500	40	160	61.1	49.5	31.6
E2055/40	550	40	160	65.9	53.4	34.1
E2060/40	600	40	160	70.6	57.2	36.5
E2065/40	650	40	160	75.4	58.9	30.7
E2070/40	700	40	160	80.1	64.9	41.3
E2075/40	750	40	160	84.8	43.7	34.5
E2080/40	800	40	160	89.4	72.4	46
E2090/40	900	40	160	98.7	79.8	50.7
E2100/40	1000	40	160	108	87.3	55.4
E2110/40	1100	40	160	117	59.9	47.2
E2120/40	1200	40	160	127	103	65
E2125/40	1250	40	160	75.2	38.4	30.2
E2130/40	1300	40	160	135	69.4	54.6
E2140/40	1400	40	160	145	74.1	58.3
E2150/40	1500	40	160	155	125	78.9
E2160/40	1600	40	160	164	83.3	65.5
E2170/40	1700	40	160	175	88.3	69.3
E2175/40	1750	40	160	175	88.9	69.7
E2180/40	1800	40	160	184	148	93.2
E2190/40	1900	40	160	194	98.1	76.9
E2200/40	2000	40	160	204	164	103
E2220/40	2200	40	160	224	180	113
E2230/40	2300	40	160	234	118	92
E2240/40	2400	40	160	244	123	96
E2250/40	2500	40	160	255	205	128

H = height, L = length, T = depth

Models 2-row

Model	H mm	L mm	T mm	Heat output		
				75/65/20 °C	70/55/20 °C	55/45/20 °C
				Watts	Watts	Watts
Models 2-layer						
E2035/45	350	45	160	46.9	38	24.2
E2040/45	405	45	160	52.7	42.7	27.2
E2045/45	450	45	160	57.4	46.5	29.6
E2050/45	500	45	160	62.6	50.7	32.3
E2055/45	550	45	160	67.6	54.7	34.9
E2060/45	600	45	160	72.7	58.9	37.5
E2070/45	700	45	160	82.6	66.8	42.5
E2080/45	800	45	160	92.5	74.8	47.5
E2090/45	900	45	160	102	82.5	52.4
E2100/45	1000	45	160	112	90.5	57.4
E2120/45	1200	45	160	132	107	67.5
E2150/45	1500	45	160	161	130	81.9
E2180/45	1800	45	160	192	155	97.3
E2200/45	2000	45	160	212	171	107
E2220/45	2200	45	160	233	187	117
E2250/45	2500	45	160	266	214	134

H = height, L = length, T = depth

Models 2-row

Model	H mm	L mm	T mm	Heat output		
				75/65/20 °C	70/55/20 °C	55/45/20 °C
				Watts	Watts	Watts
Models 2-layer						
E2035/50	350	50	160	48.3	39.1	24.8
E2040/50	405	50	160	54.7	44.2	28.1
E2045/50	450	50	160	59.8	48.4	30.7
E2050/50	500	50	160	65.5	53	33.6
E2055/50	550	50	160	71.1	57.5	36.5
E2060/50	600	50	160	76.7	62	39.4
E2070/50	700	50	160	87.6	70.8	45
E2080/50	800	50	160	98.4	79.6	50.5
E2090/50	900	50	160	109	88.1	55.9
E2100/50	1000	50	160	120	97	61.5
E2120/50	1200	50	160	141	114	72.2
E2150/50	1500	50	160	172	139	88
E2180/50	1800	50	160	202	163	103
E2200/50	2000	50	160	223	180	114
E2220/50	2200	50	160	243	196	124
E2250/50	2500	50	160	274	221	140

H = height, L = length, T = depth

Models 2-row

Model	H mm	L mm	T mm	Heat output		
				75/65/20 °C	70/55/20 °C	55/45/20 °C
				Watts	Watts	Watts
Models 2-layer						
E2035/55	350	55	160	49.3	40	25.6
E2040/55	405	55	160	55.4	44.9	28.7
E2045/55	450	55	160	60.4	49	31.3
E2050/55	500	55	160	65.9	53.4	34.1
E2055/55	550	55	160	71.3	57.8	36.9
E2060/55	600	55	160	76.6	62.1	39.6
E2070/55	700	55	160	87.2	70.6	45
E2080/55	800	55	160	97.8	79.2	50.4
E2090/55	900	55	160	108	87.4	55.6
E2100/55	1000	55	160	119	96.3	61.1
E2120/55	1200	55	160	140	113	71.7
E2150/55	1500	55	160	172	139	87.7
E2180/55	1800	55	160	205	165	104
E2200/55	2000	55	160	228	184	115
E2220/55	2200	55	160	251	202	127
E2250/55	2500	55	160	288	231	145

H = height, L = length, T = depth

Models 2-row

Model	H mm	L mm	T mm	Heat output		
				75/65/20 °C	70/55/20 °C	55/45/20 °C
				Watts	Watts	Watts
Models 2-layer						
E2035/60	350	60	160	50.4	40.9	26.2
E2040/60	405	60	160	56.7	46	29.4
E2045/60	450	60	160	61.8	50	31.8
E2050/60	500	60	160	67.4	54.7	34.9
E2055/60	550	60	160	72.9	59.1	37.8
E2060/60	600	60	160	78.4	63.6	40.6
E2070/60	700	60	160	89.3	72.4	46.2
E2080/60	800	60	160	100	81	51.6
E2090/60	900	60	160	111	89.9	57.2
E2100/60	1000	60	160	122	98.7	62.8
E2120/60	1200	60	160	144	117	73.8
E2150/60	1500	60	160	177	143	90.3
E2180/60	1800	60	160	211	170	107
E2200/60	2000	60	160	235	189	119
E2220/60	2200	60	160	259	208	131
E2250/60	2500	60	160	297	239	149

H = height, L = length, T = depth

