

**zehnder**

always the  
best climate

# Zehnder Excelsior

Product data sheet

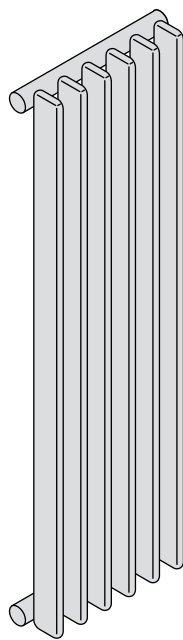


Zehnder Excelsior helps turn individual interior design concepts into reality. The classic and elegant flat tubes appear light and transparent. The radiator can be installed on the wall or used as a room divider. Available in many colours and finishes from the Zehnder colour chart, also made to measure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

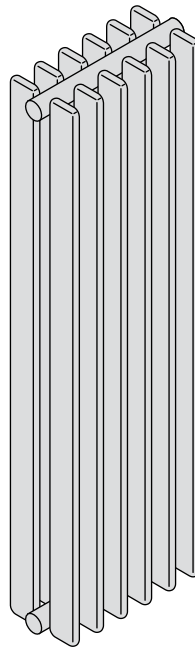
## Benefits

- 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-layer



Model 2-layer

## Model 1-layer

Technical specifications per element

Model	H <sup>1)</sup> mm	L <sup>2)</sup> mm	T mm	Thermal output		
				75/65/20 °C <sup>3)</sup> Watt	70/55/20 °C Watt	55/45/20 °C Watt
E1035/30	350	30	95	24.2	19.8	13.0
E1035/35	350	35	95	25.2	20.7	13.7
E1035/40	350	40	95	26.3	21.6	14.1
E1035/45	350	45	95	27.3	22.4	14.7
E1035/50	350	50	95	28.3	23.2	15.2
E1035/55	350	55	95	29.2	23.9	15.7
E1035/60	350	60	95	30.1	24.7	16.2
E1040/30	405	30	95	27.0	22.1	14.5
E1040/35	405	35	95	27.9	22.9	15.1
E1040/40	405	40	95	29.4	24.1	15.8
E1040/45	405	45	95	30.4	24.9	16.4
E1040/50	405	50	95	31.4	25.7	16.8
E1040/55	405	55	95	32.5	26.6	17.4

H = height, L = length, T = depth

1) Larger heights up to 4000 mm or intermediate heights on request

2) Total length = (number of sections - 1) x length + 40 mm

3) Nominal heat output according to EN 442

## Model 1-layer

Technical specifications per element

Model	H <sup>1)</sup> mm	L <sup>2)</sup> mm	T mm	Thermal output		
				75/65/20 °C <sup>3)</sup> Watt	70/55/20 °C Watt	55/45/20 °C Watt
E1040/60	405	60	95	33.5	27.5	18.0
E1045/30	450	30	95	29.3	24.0	15.7
E1045/35	450	35	95	30.5	25.1	16.5
E1045/40	450	40	95	31.8	26.1	17.1
E1045/45	450	45	95	32.9	27.0	17.7
E1045/50	450	50	95	34.0	27.8	18.2
E1045/55	450	55	95	35.2	28.8	18.9
E1045/60	450	60	95	36.2	29.7	19.4
E1050/30	500	30	95	31.9	26.1	17.1
E1050/35	500	35	95	33.0	27.1	17.8
E1050/40	500	40	95	34.4	28.2	18.4
E1050/45	500	45	95	35.7	29.3	19.2
E1050/50	500	50	95	36.8	30.1	19.7
E1050/55	500	55	95	38.1	31.2	20.4
E1050/60	500	60	95	39.2	32.1	21.0
E1055/30	550	30	95	34.4	28.2	18.4
E1055/35	550	35	95	35.6	29.2	19.2
E1055/40	550	40	95	37.1	30.4	19.8
E1055/45	550	45	95	38.4	31.5	20.6
E1055/50	550	50	95	39.6	32.4	21.1
E1055/55	550	55	95	41.0	33.6	21.9
E1055/60	550	60	95	42.2	34.5	22.5
E1060/30	600	30	95	36.9	30.2	19.8
E1060/35	600	35	95	38.1	31.3	20.5
E1060/40	600	40	95	39.7	32.5	21.2
E1060/45	600	45	95	41.1	33.7	22.0
E1060/50	600	50	95	42.3	34.6	22.5
E1060/55	600	55	95	43.9	35.9	23.4
E1060/60	600	60	95	45.2	37.0	24.1
E1070/30	700	30	95	41.9	34.3	22.4
E1070/35	700	35	95	43.2	35.4	23.2
E1070/40	700	40	95	45.0	36.8	24.0
E1070/45	700	45	95	46.5	38.1	24.8
E1070/50	700	50	95	47.9	39.1	25.4
E1070/55	700	55	95	49.7	40.6	26.4
E1070/60	700	60	95	51.1	41.8	27.1
E1080/30	800	30	95	46.8	38.3	25.0
E1080/35	800	35	95	48.3	39.6	25.8
E1080/40	800	40	95	50.3	41.1	26.7
E1080/45	800	45	95	52.0	42.5	27.7
E1080/50	800	50	95	53.5	43.7	28.3
E1080/55	800	55	95	55.5	45.3	29.4
E1080/60	800	60	95	57.1	46.6	30.2
E1090/30	900	30	95	51.8	42.4	27.6
E1090/35	900	35	95	53.4	43.7	28.5
E1090/40	900	40	95	55.6	45.4	29.4
E1090/45	900	45	95	57.5	47.0	30.5
E1090/50	900	50	95	59.2	48.2	31.2
E1090/55	900	55	95	61.4	50.1	32.4
E1090/60	900	60	95	63.1	51.5	33.3

H = height, L = length, T = depth

1) Larger heights up to 4000 mm or intermediate heights on request

2) Total length = (number of sections - 1) x length + 40 mm

3) Nominal heat output according to EN 442

## Model 1-layer

Technical specifications per element

Model	H <sup>1)</sup> mm	L <sup>2)</sup> mm	T mm	Thermal output		
				75/65/20 °C <sup>3)</sup> Watt	70/55/20 °C Watt	55/45/20 °C Watt
E1100/30	1000	30	95	56.8	46.4	30.1
E1100/35	1000	35	95	58.6	47.9	31.2
E1100/40	1000	40	95	61.1	49.8	32.2
E1100/45	1000	45	95	63.2	51.6	33.4
E1100/50	1000	50	95	65.1	53.0	34.1
E1100/55	1000	55	95	67.3	54.9	35.4
E1100/60	1000	60	95	69.3	56.5	36.4
E1120/30	1200	30	95	67.0	54.7	35.4
E1120/35	1200	35	95	69.3	56.6	36.6
E1120/40	1200	40	95	72.2	58.8	37.8
E1120/45	1200	45	95	74.7	60.8	39.2
E1120/50	1200	50	95	77.1	62.6	40.1
E1120/55	1200	55	95	79.6	64.7	41.6
E1120/60	1200	60	95	81.9	66.6	42.8
E1150/30	1500	30	95	82.8	67.4	43.4
E1150/35	1500	35	95	86.1	70.1	45.1
E1150/40	1500	40	95	89.8	72.9	46.6
E1150/45	1500	45	95	93.1	75.6	48.4
E1150/50	1500	50	95	96.6	78.2	49.7
E1150/55	1500	55	95	99.2	80.4	51.4
E1150/60	1500	60	95	102	82.7	52.7
E1180/30	1800	30	95	99.5	80.8	51.8
E1180/35	1800	35	95	104	84.4	54.0
E1180/40	1800	40	95	109	88.2	56.1
E1180/45	1800	45	95	113	91.5	58.2
E1180/50	1800	50	95	118	95.2	60.1
E1180/55	1800	55	95	121	97.8	62.0
E1180/60	1800	60	95	124	100	63.5
E1200/30	2000	30	95	111	90.0	57.5
E1200/35	2000	35	95	117	94.7	60.3
E1200/40	2000	40	95	122	98.5	62.4
E1200/45	2000	45	95	127	103	65.0
E1200/50	2000	50	95	133	107	67.2
E1200/55	2000	55	95	136	110	69.2
E1200/60	2000	60	95	140	113	71.2
E1220/30	2200	30	95	123	99.6	63.4
E1220/35	2200	35	95	131	106	67.1
E1220/40	2200	40	95	137	111	69.6
E1220/45	2200	45	95	142	115	72.2
E1220/50	2200	50	95	150	120	75.2
E1220/55	2200	55	95	152	122	76.9
E1220/60	2200	60	95	156	126	78.8
E1250/30	2500	30	95	143	116	73.2
E1250/35	2500	35	95	153	123	77.7
E1250/40	2500	40	95	160	129	80.5
E1250/45	2500	45	95	167	134	84.0
E1250/50	2500	50	95	177	142	87.7
E1250/55	2500	55	95	178	143	89.1
E1250/60	2500	60	95	183	147	91.4

H = height, L = length, T = depth

1) Larger heights up to 4000 mm or intermediate heights on request

2) Total length = (number of sections - 1) x length + 40 mm

3) Nominal heat output according to EN 442

## Model 2-layer

Technical specifications per element

Model	H <sup>1)</sup> mm	L <sup>2)</sup> mm	T mm	Thermal output		
				75/65/20 °C <sup>3)</sup> Watt	70/55/20 °C Watt	55/45/20 °C Watt
E2035/30	350	30	160	43.0	34.8	22.2
E2035/35	350	35	160	44.4	35.9	22.9
E2035/40	350	40	160	46.2	37.5	23.9
E2035/45	350	45	160	46.9	38.0	24.2
E2035/50	350	50	160	48.3	39.1	24.8
E2035/55	350	55	160	49.3	40.0	25.6
E2035/60	350	60	160	50.4	40.9	26.2
E2040/30	405	30	160	48.0	38.9	24.7
E2040/35	405	35	160	49.8	40.3	25.6
E2040/40	405	40	160	51.7	41.9	26.8
E2040/45	405	45	160	52.7	42.7	27.2
E2040/50	405	50	160	54.7	44.2	28.1
E2040/55	405	55	160	55.4	44.9	28.7
E2040/60	405	60	160	56.7	46.0	29.4
E2045/30	450	30	160	52.1	42.2	26.8
E2045/35	450	35	160	54.2	43.9	27.9
E2045/40	450	40	160	56.2	45.6	29.1
E2045/45	450	45	160	57.4	46.5	29.6
E2045/50	450	50	160	59.8	48.4	30.7
E2045/55	450	55	160	60.4	49.0	31.3
E2045/60	450	60	160	61.8	50.0	31.8
E2050/30	500	30	160	56.5	45.7	29.1
E2050/35	500	35	160	58.9	47.7	30.3
E2050/40	500	40	160	61.1	49.5	31.6
E2050/45	500	45	160	62.6	50.7	32.3
E2050/50	500	50	160	65.5	53.0	33.6
E2050/55	500	55	160	65.9	53.4	34.1
E2050/60	500	60	160	67.4	54.7	34.9
E2055/30	550	30	160	60.9	49.3	31.3
E2055/35	550	35	160	63.6	51.4	32.7
E2055/40	550	40	160	65.9	53.4	34.1
E2055/45	550	45	160	67.6	54.7	34.9
E2055/50	550	50	160	71.1	57.5	36.5
E2055/55	550	55	160	71.3	57.8	36.9
E2055/60	550	60	160	72.9	59.1	37.8
E2060/30	600	30	160	65.2	52.7	33.5
E2060/35	600	35	160	68.3	55.2	35.1
E2060/40	600	40	160	70.6	57.2	36.5
E2060/45	600	45	160	72.7	58.9	37.5
E2060/50	600	50	160	76.7	62.0	39.4
E2060/55	600	55	160	76.6	62.1	39.6
E2060/60	600	60	160	78.4	63.6	40.6
E2070/30	700	30	160	73.7	59.6	37.8
E2070/35	700	35	160	77.4	62.6	39.7
E2070/40	700	40	160	80.1	64.9	41.3
E2070/45	700	45	160	82.6	66.8	42.5
E2070/50	700	50	160	87.6	70.8	45.0
E2070/55	700	55	160	87.2	70.6	45.0
E2070/60	700	60	160	89.3	72.4	46.2
E2080/30	800	30	160	82.1	66.4	42.1

H = height, L = length, T = depth

1) Larger heights up to 4000 mm or intermediate heights on request

2) Total length = (number of sections - 1) x length + 40 mm

3) Nominal heat output according to EN 442

## Model 2-layer

Technical specifications per element

Model	H <sup>1)</sup> mm	L <sup>2)</sup> mm	T mm	Thermal output		
				75/65/20 °C <sup>3)</sup> Watt	70/55/20 °C Watt	55/45/20 °C Watt
E2080/35	800	35	160	86.5	69.9	44.4
E2080/40	800	40	160	89.4	72.4	46.0
E2080/45	800	45	160	92.5	74.8	47.5
E2080/50	800	50	160	98.4	79.6	50.5
E2080/55	800	55	160	97.8	79.2	50.4
E2080/60	800	60	160	100	81.0	51.6
E2090/30	900	30	160	90.4	73.0	46.3
E2090/35	900	35	160	95.4	77.1	48.9
E2090/40	900	40	160	98.7	79.8	50.7
E2090/45	900	45	160	102	82.5	52.4
E2090/50	900	50	160	109	88.1	55.9
E2090/55	900	55	160	108	87.4	55.6
E2090/60	900	60	160	111	89.9	57.2
E2100/30	1000	30	160	98.7	79.7	50.5
E2100/35	1000	35	160	104	84.0	53.2
E2100/40	1000	40	160	108	87.3	55.4
E2100/45	1000	45	160	112	90.5	57.4
E2100/50	1000	50	160	120	97.0	61.5
E2100/55	1000	55	160	119	96.3	61.1
E2100/60	1000	60	160	122	98.7	62.8
E2120/30	1200	30	160	115	92.8	58.6
E2120/35	1200	35	160	122	98.5	62.3
E2120/40	1200	40	160	127	103	65.0
E2120/45	1200	45	160	132	107	67.5
E2120/50	1200	50	160	141	114	72.2
E2120/55	1200	55	160	140	113	71.7
E2120/60	1200	60	160	144	117	73.8
E2150/30	1500	30	160	140	113	71.0
E2150/35	1500	35	160	149	120	75.8
E2150/40	1500	40	160	155	125	78.9
E2150/45	1500	45	160	161	130	81.9
E2150/50	1500	50	160	172	139	88.0
E2150/55	1500	55	160	172	139	87.7
E2150/60	1500	60	160	177	143	90.3
E2180/30	1800	30	160	166	134	83.8
E2180/35	1800	35	160	176	142	89.2
E2180/40	1800	40	160	184	148	93.2
E2180/45	1800	45	160	192	155	97.3
E2180/50	1800	50	160	202	163	103
E2180/55	1800	55	160	205	165	104
E2180/60	1800	60	160	211	170	107
E2200/30	2000	30	160	183	147	92.1
E2200/35	2000	35	160	194	156	98.0
E2200/40	2000	40	160	204	164	103
E2200/45	2000	45	160	212	171	107
E2200/50	2000	50	160	223	180	114
E2200/55	2000	55	160	228	184	115
E2200/60	2000	60	160	235	189	119
E2220/30	2200	30	160	201	161	101
E2220/35	2200	35	160	213	171	107

H = height, L = length, T = depth

1) Larger heights up to 4000 mm or intermediate heights on request

2) Total length = (number of sections - 1) x length + 40 mm

3) Nominal heat output according to EN 442

# Zehnder Excelsior

## Model 2-layer

Technical specifications per element

Model	H <sup>1)</sup> mm	L <sup>2)</sup> mm	T mm	Thermal output		
				75/65/20 °C <sup>3)</sup> Watt	70/55/20 °C Watt	55/45/20 °C Watt
<b>E2220/40</b>	2200	40	160	224	180	113
<b>E2220/45</b>	2200	45	160	233	187	117
<b>E2220/50</b>	2200	50	160	243	196	124
<b>E2220/55</b>	2200	55	160	251	202	127
<b>E2220/60</b>	2200	60	160	259	208	131
<b>E2250/30</b>	2500	30	160	228	183	114
<b>E2250/35</b>	2500	35	160	241	194	121
<b>E2250/40</b>	2500	40	160	255	205	128
<b>E2250/45</b>	2500	45	160	266	214	134
<b>E2250/50</b>	2500	50	160	274	221	140
<b>E2250/55</b>	2500	55	160	288	231	145
<b>E2250/60</b>	2500	60	160	297	239	149

H = height, L = length, T = depth

1) Larger heights up to 4000 mm or intermediate heights on request

2) Total length = (number of sections -1) x length + 40 mm

3) Nominal heat output according to EN 442

Zehnder Group Deutschland GmbH · Sales International · Almweg 34 · 77933 Lahr · Germany

T +49 7821 586-392 · F +49 7821 586-406 · sales.international@zehndergroup.com · www.international.zehnder-systems.com

**zehnder**