

Zehnder Forma Spa



Radiator colour: Beige Quartz

Operation on hot water central heating system

Zehnder Forma Spa decorative radiator made from horizontally arranged precision steel tubes welded to vertically arranged round tubes. Invisible connection due to capstan welding technology. Single or double-layer version. Horizontal steel tubes Ø 25 mm, vertical header tubes Ø 38 mm. Thermal output tested to EN 442, with CE marking. With centre connections, 1/2" for flow/return, connection centre 50 mm and outside left and right, 1/2" for electric heating element, with directional air vent. Radiator with powder coating, in colour RAL 9016 as standard, in special colour or chrome on request; with packaging. Delivered ready to install with elegant wall brackets.

Operating pressure	max. 10 bar
Operating temperature	max. 110°C
Height mm
Length mm
Model

Benefits

- Cross-connected tubes lend relaxed look
- Double-layer models for high thermal output
- Large wall clearance for snugly warm towels
- Centre connections
- Available with matching connection fittings
- Dual energy operation possible without T-piece

Electric operation

Zehnder Forma Spa decorative radiator as multifunctional bathroom heater, electric-only, made from horizontally arranged precision steel tubes welded to vertically arranged round tubes with invisible welds due to capstan welding technology. Horizontal steel tubes Ø 25 mm, vertical header tubes Ø 38 mm. With integrated electric heating element RACY-C, degree of protection IP44 (splash-proof), for mains power supply of 230 V. Connection cable (1,2 m) with Schuko plug. Installation at bottom right. Decorative radiator filled with heat transfer fluid. Separate, battery-operated remote control device model 2 for controlling the room temperature. Delivered ready to install with elegant wall brackets. Standard version with powder coating, in colour RAL 9016, in special colour or chrome on request.

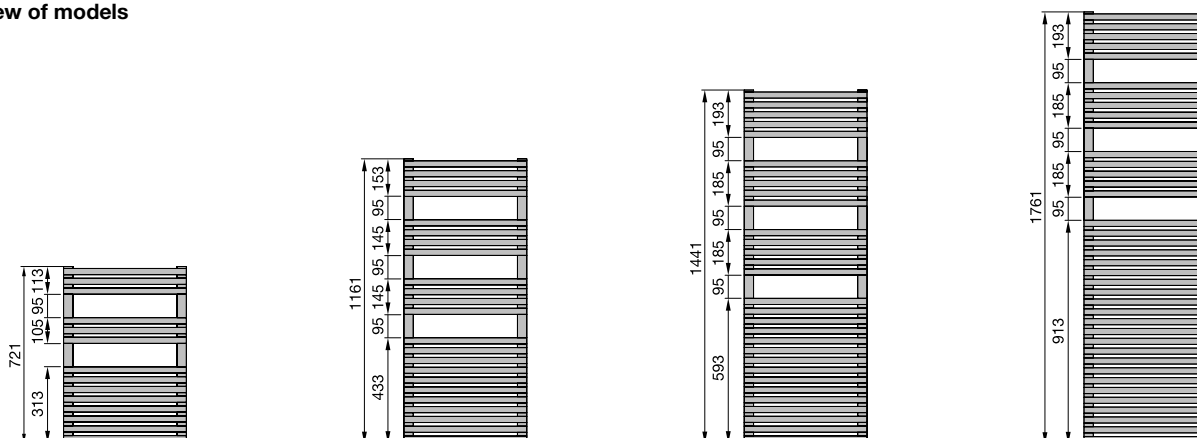
Output Watt
Height mm
Length mm
Model

Special benefits for electric operation with RACY-C

- Remote control device can be positioned as required
- Regulated room temperature
- Comfortable operation as needed by customisable daily and weekly programmes
- Energy-efficient and comfortable heating via innovative open window detection
- Low energy consumption in stand-by mode (≤ 0,5 W)
- Keylock can be activated as required
- Timer function for up to 2 hours
- Ready-to-plug

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Overview of models



Connection to hot water central heating system or for dual energy operation¹⁾

Painted version

Model	H mm	L mm	Thermal output				Exp. n	Classification Electric heating element Watt	V dm ³	M kg	Price RAL 9016 €	Price [ⓐ] Cat. 1 €
			EN 442 [ⓑ] Watt	70/55/24 Watt	55/45/24 Watt	55/45/20 Watt						
Single-layer version, connection central 50 mm												
LF-070-050-05	721	496	378	270	166	199	1,24	300	4,2	7,4	558,08	697,60
LF-120-050-05	1161	496	612	437	269	322	1,24	600	6,8	12,1	609,26	761,57
LF-150-050-05	1441	496	796	570	352	422	1,23	600	8,7	15,6	667,27	834,09
LF-180-050-05	1761	496	973	699	433	518	1,22	900	10,9	19,6	815,75	1.019,69
LF-070-060-05	721	596	442	318	197	235	1,22	300	4,7	8,5	575,12	718,91
LF-120-060-05	1161	596	707	508	315	376	1,22	600	7,7	13,9	639,98	799,97
LF-150-060-05	1441	596	927	668	416	496	1,21	900	9,9	18,0	756,02	945,03
LF-180-060-05	1761	596	1133	814	505	603	1,22	900	12,5	22,6	855,01	1.068,77
LF-180-075-05	1761	746	1416	1018	631	754	1,22	1200	14,8	26,8	923,26	1.154,08

Double-layer version, connection central 50 mm

LFD-120-050-05	1161	496	855	604	370	444	1,25	-	10,8	19,9	1.066,61	1.333,27
LFD-150-050-05	1441	496	1065	776	474	569	1,26	-	14,3	26,3	1.172,41	1.465,51
LFD-180-050-05	1761	496	1298	923	563	677	1,26	-	17,9	32,6	1.262,85	1.578,56
LFD-120-060-05	1161	596	1017	721	442	530	1,25	-	12,6	23,1	1.052,97	1.316,22
LFD-180-060-05	1761	596	1543	1091	666	800	1,26	-	20,8	38,0	1.293,59	1.616,99

Painted version

Model	H mm	L mm	Thermal output				Exp. n	Classification Electric heating element Watt	V dm ³	M kg	Price RAL 9016 €	Price [ⓐ] Cat. 1 €
			EN 442 [ⓑ] Watt	70/55/24 Watt	55/45/24 Watt	55/45/20 Watt						
Single-layered version, connection from bottom												
LF-070-050	721	496	378	270	166	199	1,24	300	4,2	7,0	469,23	586,54
LF-120-050	1161	496	612	437	269	322	1,24	300	6,8	12,1	520,43	650,53
LF-150-050	1441	496	796	422	352	422	1,24	600	8,8	15,7	634,21	792,76
LF-180-050	1761	496	973	699	433	518	1,24	900	11,0	19,6	726,92	908,64
LF-070-060	721	596	442	318	197	235	1,23	300	4,7	8,5	486,30	607,88
LF-120-060	1161	596	707	508	315	376	1,24	600	7,8	14,0	551,16	688,94
LF-150-060	1441	596	927	668	416	496	1,24	900	10,0	18,0	667,19	833,99
LF-180-060	1761	596	1133	814	505	603	1,24	900	12,5	22,6	766,18	957,73
LF-180-075	1761	746	1416	1018	631	754	1,24	1200	14,8	27,1	834,42	1.043,03

Double-layered version, connection from bottom

LFD-120-050	1161	496	855	604	370	444	1,25	-	10,8	19,9	977,80	1.222,24
LFD-150-050	1441	496	1065	776	474	569	1,26	-	14,3	26,3	1.083,59	1.354,48
LFD-180-050	1761	496	1285	923	563	677	1,26	-	17,9	32,6	1.174,05	1.467,57
LFD-120-060	1161	596	1017	721	442	530	1,25	-	12,6	23,1	964,14	1.205,18
LFD-180-060	1761	596	1543	1091	666	800	1,26	-	20,8	38,0	1.204,76	1.505,96

[ⓐ] For special colours in categories 1 and 2, see "Special solutions" and "Colour chart"

[ⓑ] Thermal output to EN 442, ΔT 50 K (75/65/20°C)

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Chrome-plated version, connection central 50 mm

Model	H mm	L mm	Thermal output				Exp. n	Classification Electric heating element Watt	V dm ³	M kg	Price Chrome €
			EN 442 ^③ Watt	70/55/24 Watt	55/45/24 Watt	55/45/20 Watt					
LFC-070-050-05	721	496	254	181	111	133	1,28	300	4,2	7,4	1.134,87
LFC-120-050-05	1161	496	402	283	170	205	1,30	300	6,8	12,1	1.218,49
LFC-150-050-05	1441	496	512	362	219	264	1,25	300	8,7	15,6	1.438,66
LFC-180-050-05	1761	496	636	447	269	325	1,29	600	10,9	19,6	1.717,62
LFC-120-060-05	1161	596	464	333	207	247	1,25	300	7,7	13,9	1.285,04
LFC-180-060-05	1761	596	744	522	312	378	1,29	600	12,4	22,6	1.694,61

Chrome-plated version, connection from bottom

Model	H mm	L mm	Thermal output				Exp. n	Classification Electric heating element Watt	V dm ³	M kg	Price Chrome €
			EN 442 ^③ Watt	70/55/24 Watt	55/45/24 Watt	55/45/20 Watt					
LFC-070-050	721	496	254	181	110	132	1,24	300	4,2	7,4	1.046,05
LFC-120-050	1161	496	402	283	170	205	1,24	300	6,8	12,1	1.129,68
LFC-150-050	1441	496	512	362	219	264	1,25	300	8,8	15,7	1.349,84
LFC-180-050	1761	496	636	447	269	325	1,24	600	11,0	19,6	1.628,80
LFC-120-060	1161	596	516	371	230	275	1,25	300	7,8	14,0	1.196,23

Connection to hot water central heating & open heating system or for dual energy operation¹⁾

Stainless steel version, connection from bottom - adaptable to open heating systems

Model	H mm	L mm	Thermal output				Exp. n	Classification Electric heating element Watt	V dm ³	M kg	Price Stainless steel €
			EN 442 ^③ Watt	70/55/24 Watt	55/45/24 Watt	55/45/20 Watt					
LFI-070-050	721	496	267	190	116	140	1,25	-	4,3	6,3	1.246,17
LFI-120-050	1161	496	430	305	159	224	1,26	300	6,9	10,5	1.482,66
LFI-150-050	1441	496	546	386	233	282	1,28	600	8,9	13,5	1.755,55
LFI-180-050	1761	496	683	482	292	352	1,28	600	11,1	16,9	2.092,09
LFI-120-060	1161	596	493	350	213	257	1,26	300	7,9	12,0	1.682,76

Electric-only operation



Painted version

Model	H ^③ mm	L mm	Classification Electric heating element Watt	Price	Price ^①
				RAL 9016 €	Cat. 1 €
LFE-070-050/GD	746	496	300	820,85	943,98
LFE-120-050/GD	1186	496	500	971,06	1.116,71
LFE-180-050/GD	1786	496	900	1.250,92	1.438,55
LFE-120-060/GD	1186	596	600	1.017,12	1.169,69
LFE-180-060/GD	1786	596	900	1.312,36	1.509,23

Chrome-plated version

Model	H ^③ mm	L mm	Classification Electric heating element Watt	Price
				Chrome €
LFEC-120-050/GD	1186	496	300	2.111,04
LFEC-180-050/GD	1786	496	600	2.716,86

Standard scope of delivery for operation on hot water central heating system

- Powder coating to DIN 55900, RAL 9016
- 4 x ½" connections for flow, return, electric heating element
- ½" directional air vent
- Mounting accessories in colour of radiator
- Packaging

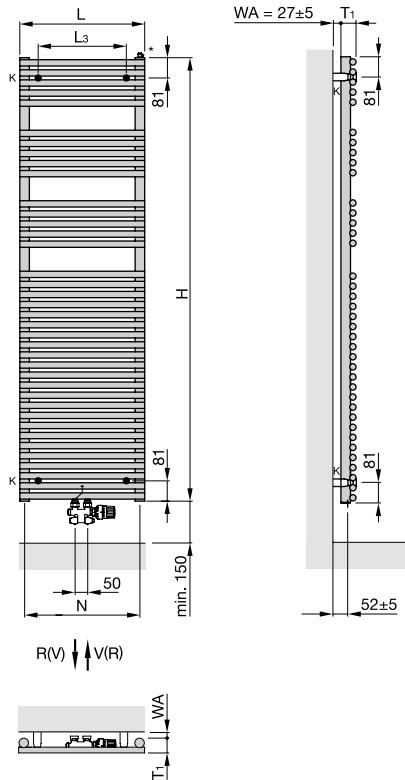
Standard scope of delivery for electric operation

- Powder coating to DIN 55900, RAL 9016
- Filled with heat transfer fluid
- With integrated electric heating element RACY-C, bottom right, with remote control device, incl. battery, with selectable operating modes: manual (above room temperature), weekly programme, timer, off
- Mounting accessories in colour of radiator
- Packaging

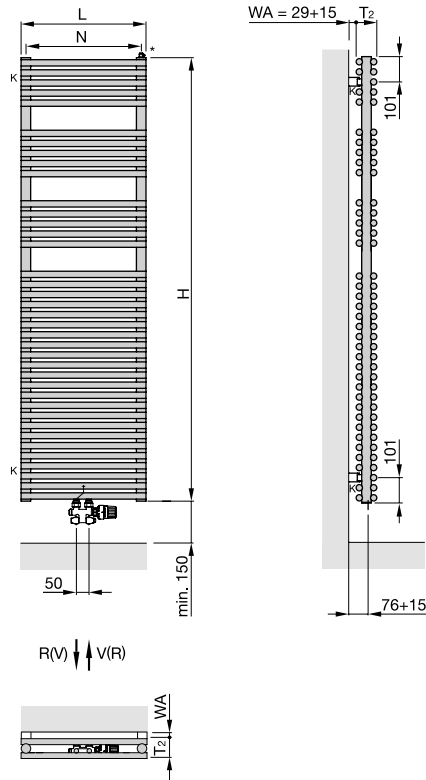
¹⁾ Maximum operating pressure for dual energy operation: 4 bar^① For special colours in categories 1 and 2, see "Special solutions" and "Colour chart"^③ Total height incl. electric heating elementFor legend, see "Electric operation and Ecodesign Directive" on page 173  

Special solution on request (surcharge)	Article number	Price €
■ Special finish to category 2 (surcharge on cat. 1)	7600011640	146,76
■ Surface in metal look: stainless-steel look (reduced output approx. 13%)	7600012332	As in Cat. 1
■ Electric heating element for dual energy operation	-	See p. 161 onwards
■ Zehnder valves, lockshield valves and connection fittings	-	See p. 165 onwards

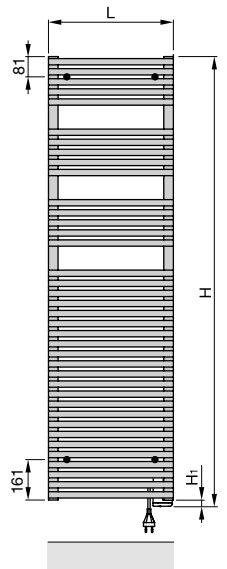
Operation on hot water central heating system:
Wall mounting
Single-layer



Wall mounting
Double-layered

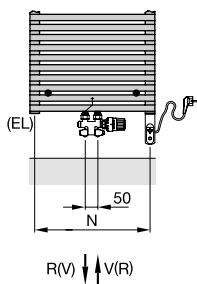


Electric operation:



Dual energy operation:

Connection to hot water central heating system with electric heating element (fig. with DBM)



- H = Height
- H₁ = 25 mm
- L = Length
- T₁ = Depth 60 mm
- T₂ = Depth 82 mm
- K = Bracket
- WA = Wall clearance
Operation on central heating system = see drawing
Electric operation = 50±5 mm
- V = Flow ½"
- R = Return ½"
- * = Venting ½" / blanking plugs ½"
- EL = Connection for electric heating element
- N = Connection centre, L - 38 mm
- L₃ = Fixing dimension, L - 150 mm

Dimensions in mm