

Zehnder Toga



Radiator surface: Chrome



Radiator colour: Beach Gold
Radiator colour: Traffic White

Operation on hot water central heating system

Zehnder Toga decorative radiator made from horizontally arranged precision steel tubes with vertical, fully welded D-profile tubes and invisible welds due to laser welding technology. Round tube Ø 23 mm, D-tube 30 x 35 mm.

Thermal output tested to EN 422, with CE marking.

Flow/return connection in centre ½" or outside left and right ½", connection 50 mm for connection fitting, connection for electric heating element 2 x ½" at bottom on D-profile tube; air vent to top ¼". Radiator with powder coating, in colour RAL 9016 as standard, in special colour on request.

Delivered ready to install with matching wall brackets, packaging.

Electric operation

Zehnder Toga designer radiator, electric-only, made from horizontally arranged precision steel tubes with vertical, fully welded D-profile tubes and invisible welds due to laser welding technology. 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 Euro plug. Installation at bottom left. 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, with packaging.

Operating pressure	max. 11,5 bar
Operating temperature	max. 110°C
Height mm
Length mm
Model

Output Watt
Height mm
Length mm
Model

Benefits

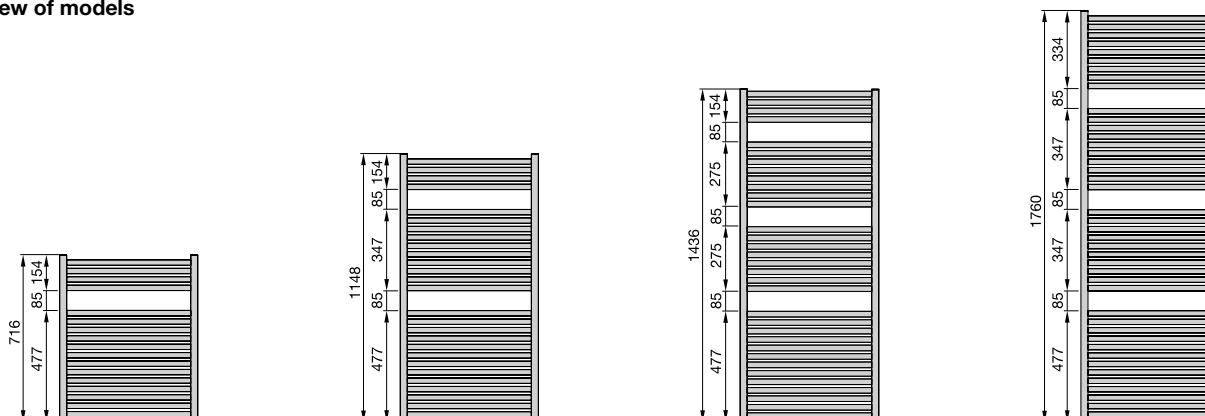
- Harmonious design through D-profile of vertical tubes
- Can be used as a room divider
- Large cut-outs
- High output due to internal tube design
- Wide range of models
- Top-grade chrome finish

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

Zehnder Toga

Overview of models



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

Painted version, connection from below

Model	H mm	L mm	Thermal output				Exp. n	Classification Electric heating element Watt	V dm ³	M kg	Price RAL 9016 €	Price ^① Cat. 1 €
			EN 442 ^② Watt	70/55/24 Watt	55/45/24 Watt	55/45/20 Watt						
TG-070-045	716	450	347	249	154	184	1,20	300	3,4	6,2	272,06	340,07
TG-120-045	1148	450	539	385	237	284	1,22	300	5,5	9,7	331,79	414,74
TG-180-045	1760	450	823	588	362	434	1,25	600	8,4	16,3	463,19	578,98
TG-070-050	716	500	381	273	169	202	1,20	300	3,7	6,7	297,66	372,07
TG-120-050	1148	500	592	423	260	312	1,22	300	6,0	10,5	343,71	429,63
TG-150-050	1436	500	736	527	326	386	1,24	600	7,3	13,1	451,61	564,51
TG-180-050	1760	500	904	646	397	476	1,25	600	9,1	17,3	476,85	596,07
TG-070-060	716	600	449	323	200	239	1,20	300	4,3	7,8	331,79	414,74
TG-120-060	1148	600	696	497	306	367	1,22	600	6,9	12,0	357,40	446,75
TG-150-060	1436	600	866	621	383	454	1,24	600	8,5	14,8	477,42	596,78
TG-180-060	1760	600	1063	762	470	563	1,25	900	10,6	19,4	493,93	617,40
TG-120-075	1148	750	849	608	376	450	1,22	600	8,6	13,9	391,51	489,39
TG-180-075	1760	750	1297	932	578	690	1,24	1200	12,8	22,5	540,01	675,01
TG-180-100	1760	1000	1675	1210	756	901	1,22	1200	16,5	27,7	594,55	743,20

Painted 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 RAL 9016 €	Price ^① Cat. 1 €
			EN 442 ^② Watt	70/55/24 Watt	55/45/24 Watt	55/45/20 Watt						
TG-070-045-05	716	450	347	249	154	184	1,20	300	3,4	6,5	344,72	430,90
TG-120-045-05	1148	450	539	385	237	284	1,22	300	5,5	10,0	404,46	505,59
TG-180-045-05	1760	450	823	588	362	434	1,25	600	8,4	16,6	535,87	669,84
TG-070-050-05	716	500	381	273	169	202	1,20	300	3,7	7,0	370,32	462,90
TG-120-050-05	1148	500	592	423	260	312	1,22	300	6,0	10,8	416,41	520,51
TG-150-050-05	1436	500	736	527	326	386	1,24	600	7,3	13,4	515,41	644,27
TG-180-050-05	1760	500	904	646	397	476	1,25	600	9,1	17,6	549,51	686,89
TG-070-060-05	716	600	449	323	200	239	1,20	300	4,3	8,1	404,46	505,59
TG-120-060-05	1148	600	696	497	306	367	1,22	600	6,9	12,3	430,07	537,60
TG-150-060-05	1436	600	866	621	383	454	1,24	600	8,5	15,1	530,75	663,44
TG-180-060-05	1760	600	1063	762	470	563	1,25	900	10,6	19,7	566,55	708,19
TG-120-075-05	1148	750	849	608	376	450	1,22	600	8,6	14,2	464,21	580,25
TG-180-075-05	1760	750	1297	932	578	690	1,24	1200	12,8	22,8	612,65	765,82
TG-180-100-05	1760	1000	1675	1210	756	901	1,22	1200	16,5	28,0	667,27	834,09

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"

^② Thermal output measured according to EN 442, ΔT 50 K (75/65/20 °C)

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

Chrome-plated version, connection from bottom

Model	H	L	Thermal output			Exp.	Classification	V	M	Price Chrome
			EN 442 ²⁾	70/55/24	55/45/24					
	mm	mm	Watt	Watt	Watt	n	Watt	dm ³	kg	€
TGC-070-050	716	500	240	169	101	1,30	300	3,7	6,7	968,92
TGC-120-050	1148	500	379	267	160	1,30	300	5,8	10,5	1.142,02
TGC-150-050	1436	500	478	335	201	1,31	300	7,4	13,1	1.380,89
TGC-180-050	1760	500	596	419	252	1,30	300	9,3	17,3	1.508,17
TGC-120-060	1148	600	451	317	190	1,30	300	6,9	12,0	1.224,13
TGC-180-060	1760	600	709	499	299	1,30	600	10,8	19,4	1.615,42

Electric-only operation


Painted version

Model	H ³⁾	L	Classification	Price	
				Price RAL 9016	Price ¹⁾
	mm	mm	Electric heating element	€	Cat. 1
			Watt	€	€
TE-070-050/GD	741	500	300	713,35	820,36
TE-120-050/GD	1173	500	600	846,45	973,42
TE-150-050/GD	1461	500	750	996,63	1.146,13
TE-180-050/GD	1785	500	900	1.090,49	1.254,06
TE-120-060/GD	1173	600	600	872,06	1.002,87
TE-180-060/GD	1785	600	1200	1.138,27	1.309,03
TE-180-075/GD	1785	750	1500	1.274,78	1.466,00

Chrome-plated version


Model	H ³⁾	L	Classification	Price
				Chrome
	mm	mm	Electric heating element	€
			Watt	€
TEC-120-050/GD	1173	500	300	1.836,28
TEC-150-050/GD	1461	500	500	2.177,59
TEC-180-060/GD	1785	600	750	2.467,72

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

- Powder coating to DIN 55900, RAL 9016
- 2 x ½" connections for flow, return
- Retrofit model: 2 x ½" at side, 1 x ½" at bottom
- ¼" directional air vent, right
- 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 left, with remote control device, incl. battery, with selectable operating modes: manual (above room temperature), weekly programme, timer, off
- Electric heating element cover in colour of radiator
- Mounting accessories in colour of radiator
- Packaging

Special solution on request (surcharge)	Article number	Price €
■ Special finish to category 2 (surcharge on cat. 1)	2800011640	146,76
■ Surface in metal look: stainless-steel look (reduced output approx. 13%)	2800012332	As in Cat. 1
■ Use as room divider with separate mounting accessories	-	See page 151
■ Retrofit model with optional lateral connections (same side or opposite-end)	-	186,33
■ Electric heating element and T-piece for dual energy operation 	-	See p. 161 onwards
■ Accessories	-	See page 160
■ Lambswool cleaning brush	601040	60,41
■ Zehnder valves, lockshield valves and connection fittings	-	See p. 165 onwards
■ Wall mounting accessories for extended wall clearance up to 130 mm, white	952021	117,37

¹⁾ For special colours in categories 1 and 2, see "Special solutions" and "Colour chart"

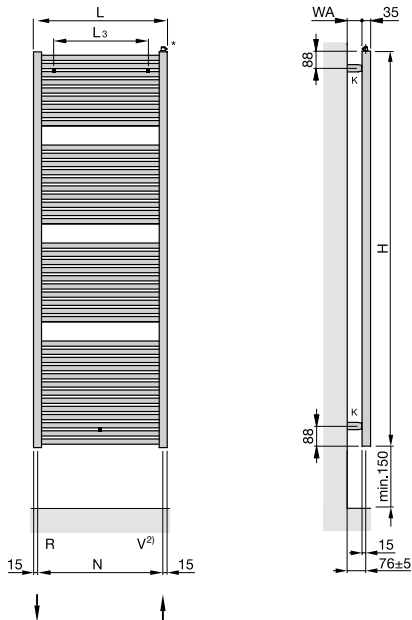
²⁾ Thermal output to EN 442, ΔT 50 K (75/65/20°C)

³⁾ Total height incl. electric heating element

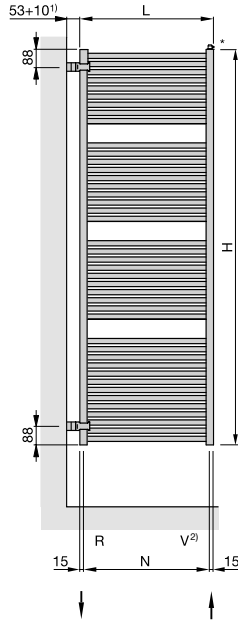
 For legend, see "Electric operation and Ecodesign Directive" on page 173  

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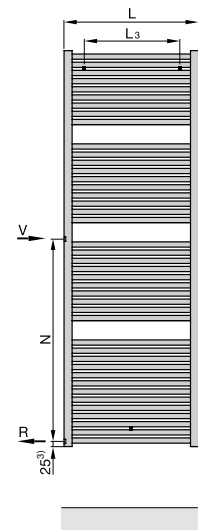
Operation on hot water central heating system:
Wall mounting



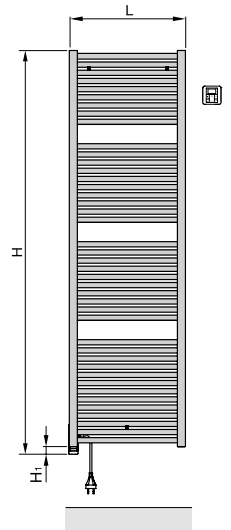
Room divider installation,
with 50 mm centre connection



Retrofit model,
connections left

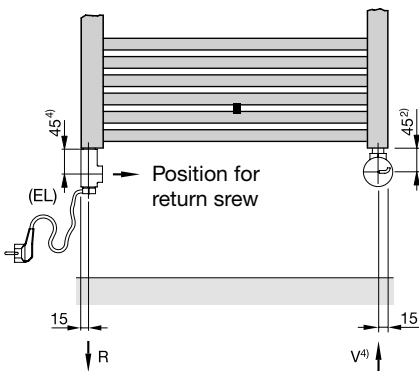


Electric operation:



Dual energy operation:

Connection to hot water central heating system with electric heating element (fig. with RICA) and T-piece in return



- H = Height
- H₁ = 25 mm
- L = Length
- EL = Connection for electric heating element
- K = Bracket
- V = Flow 1/2"
- R = Return 1/2"
- * = Venting 1/4"
- N = Connection centre
- L₃ = Fixing dimension, L - 150 mm
- WA = Wall clearance 55–65 mm

Dimensions in mm

- 1) Extension to 103 mm possible with room divider brackets for larger wall clearance, see page 146
- 2) Replacement of flow/return when changing immersion tube from right to left is possible
- 3) At connection size/connection centre on request, return connection 34 mm from lower edge
- 4) For electric heating element DBM 20 mm