

# Zehnder Subway



Radiator surface: Chrome



### Operation on hot water central heating system

Zehnder Subway decorative radiator made from horizontally arranged precision steel tubes with surrounding square tubes, fully welded, invisible welds due to laser welding technology. Round tubes Ø 23 mm, regularly arranged in the frame of square 30 x 30 mm tube. Thermal output tested to EN 442, with CE marking.

With recessed connections on lower square tube, central 1/2" for flow/return, connection centre 50 mm and outside left and right 1/2" for electric heating element, with directional air vent.

Connections for dual energy operation: Flow/return 2 x 1/2" at bottom centre, spacing 50 mm and factory integrated electric heating element RACY-S, bottom right, with separate remote control device model 2. Radiator with powder coating, in colour RAL 9016 as standard, in special colour, chrome or version in brushed V4A stainless steel on request.

Delivered ready to install with matching wall brackets and packaging. Room divider version: Radiator without threaded bolts for wall bracket, incl. room divider mounting set.

### Electric operation

Zehnder Subway decorative radiator, electric-only, made from horizontally arranged precision steel tubes with surrounding square tubes, fully welded, invisible welds due to laser welding technology.

Electric heating element RACY-S integrated elegantly underneath the frame profile, with connection cable (1,2 m), with Euro plug. Installation at bottom right. Dry-running protection against operation without sufficient heat transfer fluid, degree of protection IP44 (splash-proof), for mains power supply of 230 V. Separate, battery-operated remote control device model 2 for controlling the room temperature.

Standard version with powder coating, in colour RAL 9016, special colour, chrome or version in brushed V4A stainless steel on request. Filled with heat transfer fluid. Delivered ready to install with elegant wall brackets.

Operating pressure	max. 10,0 bar
Hot water central heating system operating temperature	max. 110°C
Dual energy operation operating temperature (model SUBM)	max. 95°C
Height	..... mm
Length	..... mm
Model	.....

Output	..... Watt
Height	..... mm
Length	..... mm
Model	.....

### Benefits

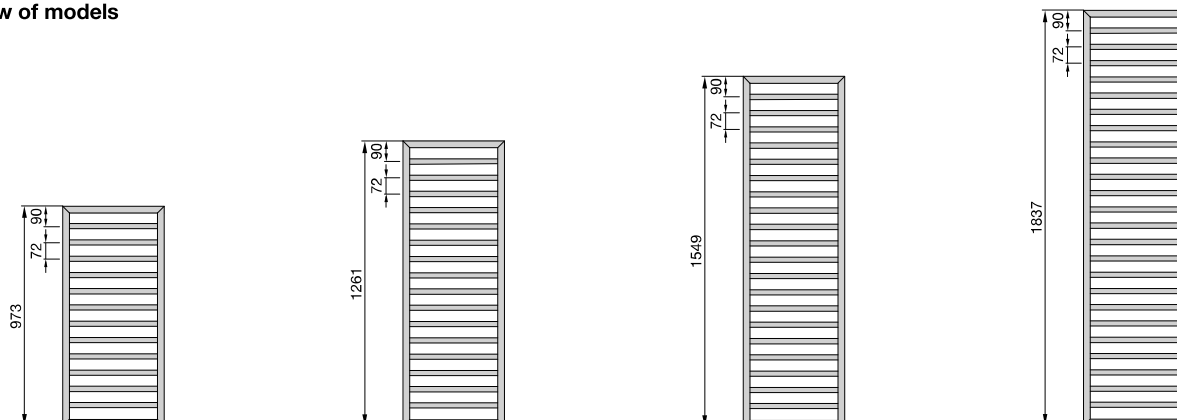
- Classic design
- Outside frame lends geometric look
- Generous spacing to hang towels
- Variant in brushed stainless steel
- Also available as room divider version
- Special 150 mm connection available
- Extra model for use as guest WC radiator
- Dual energy operation: electric heating element RACY-S integrated elegantly

### Special benefits for electric operation with RACY-S

- 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 Subway

## Overview of models



## Connection to hot water central heating system

### Painted version

Model	H mm	L mm	Thermal output				Exp. n	Classification Electric heating element Watt	V dm <sup>3</sup>	M kg	Price RAL 9016 €	Price <sup>①</sup> Cat. 1 €	Article number <sup>②</sup> RAL 9016
			EN 442 <sup>③</sup> W	70/55/24 W	55/45/24 W	55/45/20 W							
<b>SUB-100-045</b>	973	450	401	286	175	210	1,25	300	3,5	6,7	<b>282,53</b>	<b>378,02</b>	ZS300445B100000
<b>SUB-130-045</b>	1261	450	509	363	222	267	1,25	300	4,5	8,6	<b>325,64</b>	<b>383,36</b>	ZS300145B100000
<b>SUB-150-045</b>	1549	450	615	438	268	322	1,25	600	5,4	10,6	<b>383,09</b>	<b>440,80</b>	ZS300245B100000
<b>SUB-180-045</b>	1837	450	715	511	314	377	1,24	600	6,3	12,2	<b>429,07</b>	<b>493,44</b>	ZS300345B100000
<b>SUB-100-060</b>	973	600	499	356	218	262	1,25	300	4,3	8,3	<b>297,85</b>	<b>400,32</b>	ZS300460B100000
<b>SUB-130-060</b>	1261	600	639	455	279	335	1,25	600	5,4	10,5	<b>342,23</b>	<b>399,96</b>	ZS300160B100000
<b>SUB-150-060</b>	1549	600	772	550	337	405	1,25	600	7,2	12,5	<b>403,53</b>	<b>464,06</b>	ZS300260B100000
<b>SUB-180-060</b>	1837	600	898	642	395	473	1,24	900	7,7	14,7	<b>452,08</b>	<b>519,86</b>	ZS300360B100000

### Chrome-plated version

Model	H mm	L mm	Thermal output				Exp. n	Classification Electric heating element Watt	V dm <sup>3</sup>	M kg	Price Chrome €	Article number Chrome
			EN 442 <sup>③</sup> W	70/55/24 W	55/45/24 W	55/45/20 W						
<b>SUBC-100-045</b>	973	450	265	188	114	137	1,27	300	3,5	6,5	<b>698,12</b>	ZS300445CR00000
<b>SUBC-130-045</b>	1261	450	336	238	145	174	1,27	300	4,5	8,4	<b>770,03</b>	ZS300145CR00000
<b>SUBC-150-045</b>	1549	450	413	293	178	214	1,27	300	5,4	10,1	<b>909,22</b>	ZS300245CR00000
<b>SUBC-180-045</b>	1837	450	486	345	209	252	1,27	300	6,3	11,8	<b>1.016,47</b>	ZS300345CR00000
<b>SUBC-100-060</b>	973	600	329	234	143	172	1,26	300	4,3	8,1	<b>735,41</b>	ZS300460CR00000
<b>SUBC-130-060</b>	1261	600	408	290	177	213	1,26	300	5,4	10,2	<b>810,89</b>	ZS300160CR00000
<b>SUBC-150-060</b>	1549	600	502	357	218	262	1,26	300	7,2	12,3	<b>956,48</b>	ZS300260CR00000
<b>SUBC-180-060</b>	1837	600	590	419	256	308	1,26	600	7,7	14,3	<b>1.070,11</b>	ZS300360CR00000

### Stainless-steel version

Model	H mm	L mm	Thermal output				Exp. n	Classification Electric heating element Watt	V dm <sup>3</sup>	M kg	Price Stainless steel €	Article number Stainless steel
			EN 442 <sup>③</sup> W	70/55/24 W	55/45/24 W	55/45/20 W						
<b>SUBI-100-045</b>	973	450	287	203	124	149	1,27	300	3,5	6,7	<b>874,35</b>	ZS4004450000000
<b>SUBI-130-045</b>	1261	450	370	262	159	192	1,27	300	4,5	8,7	<b>965,40</b>	ZS4001450000000
<b>SUBI-150-045</b>	1549	450	445	315	192	231	1,27	300	5,4	10,4	<b>1.149,31</b>	ZS4002450000000
<b>SUBI-180-045</b>	1837	450	523	370	224	270	1,28	300	6,3	12,2	<b>1.381,70</b>	ZS4003450000000
<b>SUBI-100-060</b>	973	600	356	253	154	186	1,26	300	4,3	8,3	<b>929,70</b>	ZS4004600000000
<b>SUBI-130-060</b>	1261	600	447	318	194	233	1,26	300	5,4	10,4	<b>1.025,42</b>	ZS4001600000000
<b>SUBI-150-060</b>	1549	600	538	383	235	282	1,25	300	7,2	12,4	<b>1.220,81</b>	ZS4002600000000
<b>SUBI-180-060</b>	1837	600	633	454	280	335	1,23	600	7,7	14,4	<b>1.467,27</b>	ZS4003600000000

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

② For article numbers for special colours in category 1, see keyword list

③ Thermal output to EN 442, ΔT 50 K (75/65/20°C)

## Zehnder Subway



## Connection to hot water central heating system – Version for guest WC

## Painted version

Model	H mm	L mm	Thermal output				Exp. n	Classification Electric heating element Watt	V dm <sup>3</sup>	M kg	Price RAL 9016 €	Price <sup>①</sup> Cat. 1 €	Article number <sup>②</sup> RAL 9016
			EN 442 <sup>③</sup> W	70/55/24 W	55/45/24 W	55/45/20 W							
<b>SUB-060-045</b>	613	450	310	221	135	162	1,25	-	2,3	5,2	<b>266,45</b>	<b>340,13</b>	ZS300545B100000

## Chrome-plated version

Model	H mm	L mm	Thermal output				Exp. n	Classification Electric heating element Watt	V dm <sup>3</sup>	M kg	Price Chrome €	Article number Chrome
			EN 442 <sup>③</sup> W	70/55/24 W	55/45/24 W	55/45/20 W						
<b>SUBC-060-045</b>	613	450	205	145	88	106	1,27	-	2,3	5,0	<b>558,68</b>	ZS300545CR00000

## Stainless-steel version

Model	H mm	L mm	Thermal output				Exp. n	Classification Electric heating element Watt	V dm <sup>3</sup>	M kg	Price Stainless steel €	Article number Stainless steel
			EN 442 <sup>③</sup> W	70/55/24 W	55/45/24 W	55/45/20 W						
<b>SUBI-060-045</b>	613	450	221	157	95	115	1,27	-	2,3	5,1	<b>701,10</b>	ZS4005450000000

Connection for dual energy operation with integrated electric heating element<sup>1)</sup>

## Painted version

Model	H <sup>④</sup> mm	L mm	Thermal output				Exp. n	Classification Electric heating element Watt	V dm <sup>3</sup>	M kg	Price RAL 9016 €	Price <sup>①</sup> Cat. 1 €	Article number <sup>②</sup> RAL 9016
			EN 442 <sup>③</sup> W	70/55/24 W	55/45/24 W	55/45/20 W							
<b>SUBM-130-45/GD</b>	1291	450	509	363	222	267	1,25	500	4,5	8,6	<b>741,80</b>	<b>879,47</b>	ZS330145B100020
<b>SUBM-150-45/GD</b>	1579	450	615	438	268	322	1,25	600	5,4	10,6	<b>806,81</b>	<b>945,75</b>	ZS330245B100020
<b>SUBM-180-45/GD</b>	1867	450	715	511	314	377	1,24	600	6,3	12,2	<b>934,86</b>	<b>1.089,08</b>	ZS330345B100020
<b>SUBM-130-60/GD</b>	1291	600	639	455	279	335	1,25	600	5,4	10,5	<b>783,60</b>	<b>925,06</b>	ZS330160B100020
<b>SUBM-150-60/GD</b>	1579	600	772	550	337	405	1,25	750	7,2	12,5	<b>883,27</b>	<b>1.037,49</b>	ZS330260B100020
<b>SUBM-180-60/GD</b>	1867	600	898	642	395	473	1,24	900	7,7	14,7	<b>967,40</b>	<b>1.152,21</b>	ZS330360B100020

## Chrome-plated version

Model	H <sup>④</sup> mm	L mm	Thermal output				Exp. n	Classification Electric heating element Watt	V dm <sup>3</sup>	M kg	Price Chrome €	Article number Chrome
			EN 442 <sup>③</sup> W	70/55/24 W	55/45/24 W	55/45/20 W						
<b>SUBMC-130-45/GD</b>	1291	450	336	238	145	174	1,27	300	4,5	8,4	<b>1.408,48</b>	ZS330145CR00020
<b>SUBMC-150-45/GD</b>	1579	450	413	293	178	214	1,27	300	5,4	10,1	<b>1.660,79</b>	ZS330245CR00020
<b>SUBMC-180-45/GD</b>	1867	450	486	345	209	252	1,27	300	6,3	11,8	<b>1.915,60</b>	ZS330345CR00020
<b>SUBMC-130-60/GD</b>	1291	600	408	290	177	213	1,26	300	5,4	10,2	<b>1.485,37</b>	ZS330160CR00020
<b>SUBMC-150-60/GD</b>	1579	600	502	357	218	262	1,26	300	7,2	12,3	<b>1.846,88</b>	ZS330260CR00020
<b>SUBMC-180-60/GD</b>	1867	600	590	419	256	308	1,26	600	7,7	14,3	<b>2.013,84</b>	ZS330360CR00020

## Stainless-steel version

Model	H <sup>④</sup> mm	L mm	Thermal output				Exp. n	Classification Electric heating element Watt	V dm <sup>3</sup>	M kg	Price Stainless steel €	Article number Stainless steel
			EN 442 <sup>③</sup> W	70/55/24 W	55/45/24 W	55/45/20 W						
<b>SUBMI-130-45/GD</b>	1291	450	370	262	159	192	1,27	300	4,5	8,7	<b>1.544,80</b>	ZS4301450000020
<b>SUBMI-150-45/GD</b>	1579	450	445	315	192	231	1,27	300	5,4	10,4	<b>1.822,66</b>	ZS4302450000020
<b>SUBMI-180-45/GD</b>	1867	450	523	370	224	270	1,28	500	6,3	12,2	<b>2.205,73</b>	ZS4303450000020
<b>SUBMI-130-60/GD</b>	1291	600	447	318	194	233	1,26	300	5,4	10,4	<b>1.655,22</b>	ZS4301600000020
<b>SUBMI-150-60/GD</b>	1579	600	538	383	235	282	1,25	500	7,2	12,4	<b>2.025,32</b>	ZS4302600000020
<b>SUBMI-180-60/GD</b>	1867	600	633	454	280	335	1,23	600	7,7	14,4	<b>2.266,19</b>	ZS4303600000020

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 For article numbers for special colours in category 1, see keyword list

③ Thermal output to EN 442,  $\Delta T$  50 K (75/65/20°C)

④ Total height incl. electric heating element

For legend, see "Electric operation and Ecodesign Directive" on page 129

# Zehnder Subway

## Electric-only operation



### Painted version

Model	H <sup>①</sup> mm	L mm	Classification Electric heating element Watt	Price RAL 9016 €	Price <sup>②</sup> Cat. 1 €	Article number <sup>③</sup> RAL 9016
<b>SUBE-130-45/GD</b>	1291	450	500	<b>724,06</b>	<b>796,46</b>	ZS3Z0145B100020
<b>SUBE-150-45/GD</b>	1579	450	600	<b>786,63</b>	<b>865,29</b>	ZS3Z0245B100020
<b>SUBE-180-45/GD</b>	1867	450	750	<b>934,86</b>	<b>1.089,08</b>	ZS3Z0345B100020
<b>SUBE-130-60/GD</b>	1291	600	600	<b>783,60</b>	<b>925,06</b>	ZS3Z0160B100020
<b>SUBE-150-60/GD</b>	1579	600	750	<b>861,97</b>	<b>948,16</b>	ZS3Z0260B100020
<b>SUBE-180-60/GD</b>	1867	600	900	<b>967,40</b>	<b>1.152,21</b>	ZS3Z0360B100020

### Chrome-plated version

Model	H <sup>①</sup> mm	L mm	Classification Electric heating element Watt	Price Chrome €	Article number Chrome
<b>SUBEC-130-45/GD</b>	1291	450	300	<b>1.374,04</b>	ZS3Z0145CR00020
<b>SUBEC-150-45/GD</b>	1579	450	300	<b>1.620,50</b>	ZS3Z0245CR00020
<b>SUBEC-180-45/GD</b>	1867	450	300	<b>1.915,60</b>	ZS3Z0345CR00020
<b>SUBEC-130-60/GD</b>	1291	600	300	<b>1.485,37</b>	ZS3Z0160CR00020
<b>SUBEC-150-60/GD</b>	1579	600	300	<b>1.801,85</b>	ZS3Z0260CR00020
<b>SUBEC-180-60/GD</b>	1867	600	600	<b>1.964,01</b>	ZS3Z0360CR00020

### Stainless-steel version

Model	H <sup>①</sup> mm	L mm	Classification Electric heating element Watt	Price Stainless steel €	Article number Stainless steel
<b>SUBEI-130-45/GD</b>	1291	450	300	<b>1.506,85</b>	ZS4Z01450000020
<b>SUBEI-150-45/GD</b>	1579	450	300	<b>1.777,58</b>	ZS4Z02450000020
<b>SUBEI-180-45/GD</b>	1867	450	500	<b>2.205,73</b>	ZS4Z03450000020
<b>SUBEI-130-60/GD</b>	1291	600	300	<b>1.655,22</b>	ZS4Z01600000020
<b>SUBEI-150-60/GD</b>	1579	600	500	<b>1.975,50</b>	ZS4Z02600000020
<b>SUBEI-180-60/GD</b>	1867	600	600	<b>2.210,47</b>	ZS4Z03600000020

### 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, left-hand or right-hand electric heating element (on site)
- Dual energy operation: Electric heating element RACY-S, pre-assembled on the right, with remote control device, incl. batteries, with selectable operating modes: manual (above room temperature), weekly programme, timer, off. Electric heating element cover in colour of radiator
- ½" chrome 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
- Electric heating element RACY-S with remote control device, incl. batteries, with selectable operating modes: manual (above room temperature), weekly programme, timer, off
- Mounting accessories and electric heating element control box cover in colour of radiator
- Packaging

Special solution on request (surcharge)	Article number	Price €
■ Special finish to category 2 (surcharge on cat. 1)	U100011640	<b>105,59</b>
■ Surface in metal look: stainless-steel look, surcharge on cat. 1 (reduced output approx. 8%)	U100012332	<b>158,39</b>
■ Room divider version with two wall brackets and foot support, white, chrome, special colour	-	<b>184,97</b>
■ Room divider version with two wall brackets without foot support, white, chrome, special colour	-	<b>143,20</b>
■ Models for electric operation in room divider version	-	<b>On request</b>
■ Zehnder valves, lockshield valves and connection fittings	-	<b>See p. 121 onwards</b>
■ Connection from bottom to bottom, central, spacing 150 mm	U100062530	<b>61,39</b>

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

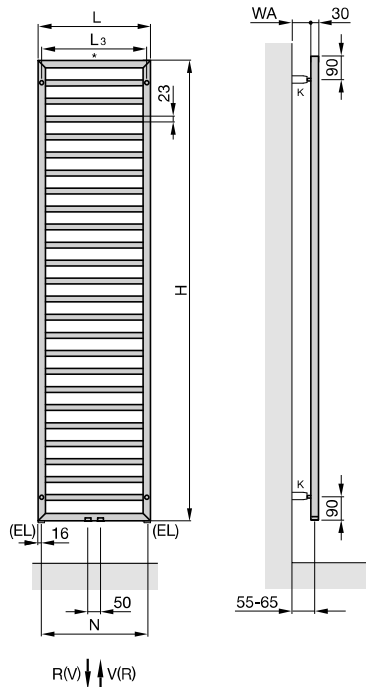
② For article numbers for special colours in category 1, see keyword list

③ Total height incl. electric heating element

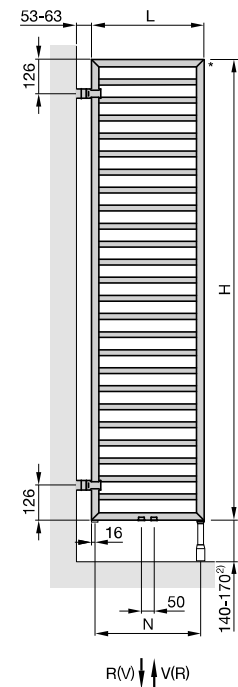
For legend, see "Electric operation and Ecodesign Directive" on page 129 

**Operation on hot water central heating system:**

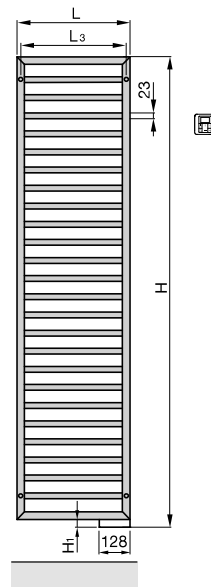
Wall mounting  
(with welded-on threaded bolts)



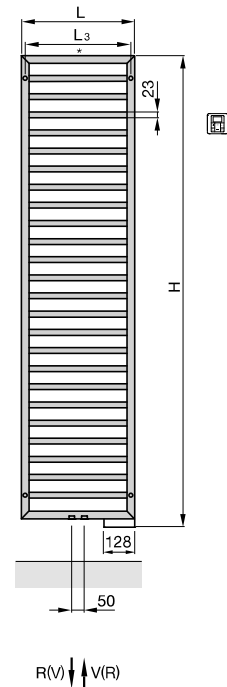
Room divider installation  
(special solution without welded-on threaded bolts) <sup>1)</sup>



**Electric operation:**

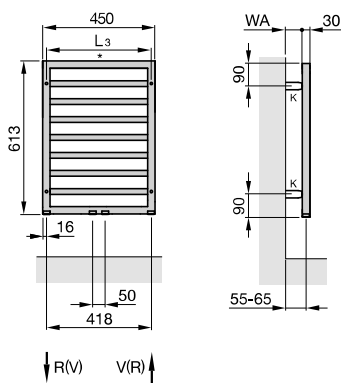


**Dual energy operation:**



**Operation on central heating system:**

Version for guest WC



- H = Height
- H<sub>1</sub> = 30 mm
- L = Length
- EL = Connection for electric heating element
- K = Bracket
- V = Flow 1/2"
- R = Return 1/2"
- \* = Venting 1/2"
- N = Connection centre
- WA = Wall clearance 40-50 mm
- L<sub>3</sub> = Fixing dimension, L - 30 mm

Dimensions in mm

- 1) The standard version of the radiator is not suitable for room divider installation
- 2) For installation with foot support in standard length