

zehnder
always the
best climate

Zehnder Professional
Catalogue January 2021

Always the best climate for

RADIATORS AND TOWEL WARMERS

For central heating, electric
and dual energy installations

Please note
a 15% surcharge
will be applied to
all prices
displayed, on all
orders placed from
1st August 2021



BKU
AWARDS
bathroom and kitchen update

WINNER

Bathrooms

Zehnder's Bathroom towel radiators range; from the simply practical to our affordable designer range, suitable for central heating, electric and dual energy installations.

TIP: All chrome towel rails should be wiped dry as those in a damp or condensation laden atmosphere may suffer from superficial corrosion if not dried regularly. If this is the case, using a industry recommended chrome polish will remove early stages of this and restore the surface finish.

Living

Zehnder's comprehensive range of central heating and electric radiators for living areas, provides a complete heating solution for the home at very competitive prices.

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Professional Bathroom CAD



BEST HEATING BRAND

- A carefully selected range of quality products at very competitive prices
- A wide choice of stock sizes available for immediate delivery
- 5 year warranty for all centrally heated steel products
- 10 year warranty for all centrally heated aluminium and stainless steel products
- All products supplied with brackets and air vents as standard
- Made-to-measure options included or available on request
- A comprehensive colour range available for selected products
- Heat loss calculator to estimate the heat requirements for your room - see page 82
- Expert technical back-up available
- Full technical details of all products available on our website: www.prorange.zehnder.co.uk
- All outputs tested to the European standard EN442

Symbol Key

- Central heating
- Suitable for domestic water
- Electric radiators
- Dual energy radiators
- m2m radiators
- Colour



Years warranty



Delivery working days

**applies to stock items only
Delivery weeks applies to non-stocked items*

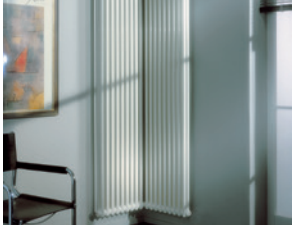
All products are CE approved.

All central heating products certified to EN442.

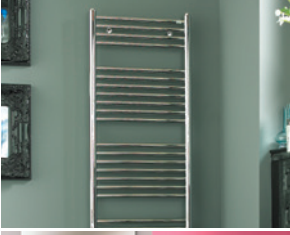
STOCK: All products listed in bold black type are stocked items.

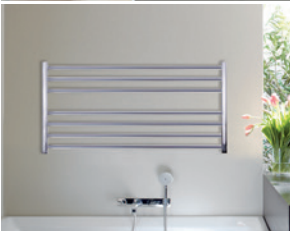
Accreditations correct at date of print November 2020.

Contents

			Product	CE technical data
	Aura A classic ladder-style towel warmer in sizes to suit all popular heating sizes and types of décor. Easily connected to an existing central heating system, or fitted with a dual energy electric element for summer use.		8	71
	Aura Electric A classic yet stylish chrome electric towel radiator which is perfect for modern homes. Choose from a factory-fitted simple immersion heater or an adjustable thermostatic controller.		10	-
	Aura Bow A stylish, modern curved ladder radiator for warming towels. Suitable for connection to an existing central heating system or fitted with a dual energy electric element for summer usage.		12	71
	Alura The Alura, is a fast response electric aluminum radiator with a high heat output despite its compact size. It's lightweight and easy to install, and the straightforward digital controls make it easy and economical to use.		14	-
	Aluminium Blitz Super Aluminium radiators give a fast response and comfortable heat with high thermal efficiency. Energy saving and easy to handle and resistant to corrosion, the Blitz Super is a modern radiator in every sense.		16	72
	Aluminium Lyta-T Space-saving, economical and efficient, the vertical Lyta-T aluminium radiator is fast to respond and easy to handle. The Lyta-T has the practical option of a towel bar.		18	72
	Charleston The Charleston multi-column is equally at home in modern and traditional environments and is available in a wide range of stocked horizontal and vertical sizes. It can also be Made to Measure, angled and curved.	 	20	73
	Charleston Made to Measure The Zehnder Charleston multi-column can be Made to Measure, with bespoke angles and curves.	  	24	74

Contents

				Product	CE technical data
	Charleston Electric and Charleston Plinth Electric The Charleston is an electric oil-filled multi-column radiator, suitable for a variety of rooms. The complementary Charleston Plinth model is perfectly suited for use in front of low level windows.			28	-
	Fare Tech The Zehnder Fare Tech electric radiator combines beauty and brains with an elegantly curved shape and seamless integration of the control panel. Its heating programs make efficient heating a simple matter.			34	-
	Forma Spa Asym A pleasant heat and a relaxed look for your bathroom. The vertical tubes positioned on the right or left of the Zehnder Forma Asym allow you to conveniently slide in towels from one side.	 		36	75
	Klaro The Klaro is an affordable style, suitable for central heating systems or for use with an immersion heater during summer when the central heating is turned off. Smaller sizes ideal for fitting within cloakrooms and en-suites.	 		38	75
	Klaro Electric The Klaro Electric towel rail will keep towels warm and fluffy all year round. It's a practical solution and makes a stylish addition to any bathroom.			40	-
	Kleo Elegant Kleo single or double tubed horizontal radiators stocked in white and available in Made to Measure options.			42	75
	Kleo Made to Measure Made to Measure options with single or double tubes are available for both the horizontal and vertical Kleo.		 	44	76
	Muralis A modern, attractive, towel radiator with evenly spaced square tubes, the Zehnder Muralis is suitable for fitting with a dual energy electric immersion heater for use when the central heating system is not operating.	 		46	76

			Product	CE technical data
	Roda A simple, effective and efficient radiator, the Roda is perfect for all living areas, and is also available Made to Measure.	 	48	77
	Roda Made to Measure Made to Measure Roda radiators are easy and quick to order. They are simple, effective and efficient decorative radiators, available in either horizontal or vertical version, and perfect for all living areas.	  	50	77
	Roda Electric The Electric Roda range of efficient decorative radiators, is available in horizontal or vertical versions, perfect for all living areas.	 	52	-
	Roda Spa The Roda Spa combines practicality and contemporary design and a high heat output that will warm even the largest of bathrooms. Smaller sizes ideal for fitting under bathroom windows.	   	54	78
	Roda Spa Asym The Roda Spa Asym is a highly functional and stylish towel rail with a practical asymmetrical design that allows towels to be hung easily. Available with horizontal tubes facing either left or right.	  	56	78
	Roda Spa Asym Electric The electric version of the Roda Spa Asym Electric is a firm favourite due to its style and functionality. Available in a variety of sizes suitable for bathrooms, cloakrooms and en-suites.	 	58	-
	Stellar Spa The Stellar Spa is contemporary in design with its stainless steel finish. Ideal for wetrooms and suitable for dual energy installation. Smaller sizes ideal for fitting under bathroom windows, or within cloakrooms and en-suites.	   	60	79
	Zeta A popular variation of steel ladder rail suitable for installation on an existing central heating system. It is ideally suited for fitting with a dual energy electric immersion heater for use when the central heating is not in operation.	 	62	79

Eco Design

Regulations for electric heating

Since 1st January 2018, all electric local space heaters manufactured for sale in the EU must comply with a minimum efficiency standard under Lot 20 of the Energy Efficiency Directive. This is one of the biggest changes the electric heating industry has experienced in decades.

What exactly is Lot 20?

The directive comes from: The European Ecodesign Directive (2009/125/EC)

"The aim of this legislation is to rule out inefficient technologies and reduce the energy used by the products that heat our homes, helping to achieve our national carbon reduction targets."

The Regulation will affect;

- Storage heaters
- Direct acting heaters
- Portable heaters
- Radiant heaters
- Electric fires

How does this change impact products?

To comply with the Lot 20 Regulations, all local space heaters **have to meet a minimum efficiency rating that is measured as a percentage.**

Electric radiators, infrared heaters and panel heaters are all classed as 'fixed electric local space heaters', and they **must have at least a 38% efficiency rating if they have a nominal heat output above 250W.**

Towel warmers (less than 250W) are not included in the scope of the directive.

As a result of these efficiency targets, products must include energy saving features such as better controls for end users.

What are the benefits of this Directive?

Overall, the aim of the directive is Energy Saving. It ensures more efficient electric radiators with following benefits;

- **Cost Savings** to the end user as the radiator will perform more efficiently in the home
- **Carbon Emission Reduction** helping protect our environment for the future
- **Improved customisation and control for end users** as a result of more interactive and programmable capabilities in the products to help reduce unnecessary energy wastage

What about Zehnder electric products?

As part of the changes, new features that offer benefit to end user to maximise efficiency and control will be included;

- Low energy consumption when on stand-by
- Programmable operation (weekly)
- Open window detection
- Presence Detection

Electric heating control details are included on each product page.



Showing wireless radio frequency pad for simple control and programming by end user.

Zehnder Radio Frequency Control

As part of the Eco Design Directive improvements, a Radio Frequency control is now available with a number of products offering;

- Wireless control of radiator to end user - range of up to 30 metres in open space and up to 10 metres between rooms (one wall)
- A choice of pre-set programmes - working from a set 'comfort temperature' by the end user
- Full customisation of weekly programme e.g. choose comfort temperature and time during the day to work between eco and comfort settings.

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PBECZ-120-50/MF CHROME 0008

Central Heating Model STOCK listed in black	Height mm	Width mm	Finish	Output $\Delta T=50K$ Watts/Btu All outputs certified to EN 442	Max. Immersion rating Watts*	RRP (ex VAT)
Zehnder Aura 22mm tube						
PBN-080-040	775	400	white	287/979	200	£113
PBN-080-050	775	500	white	358/1221	200	£121
PBN-080-060	775	600	white	418/1426	300	£127
PBN-120-050	1217	500	white	512/1747	300	£143
PBN-120-060	1217	600	white	598/2040	400	£149
PBN-150-050	1469	500	white	631/2153	400	£168
PBN-150-060	1469	600	white	740/2525	500/400	£173
PBN-180-050	1856	500	white	788/2689	500/400	£182
PBN-180-060	1856	600	white	925/3156	600	£192
PBN-080-040-0346	775	400	Anthracite	287/979	200	£141
PBN-080-050-0346	775	500	Anthracite	358/1221	200	£151
PBN-080-060-0346	775	600	Anthracite	418/1426	300	£159
PBN-120-040-0346	1217	400	Anthracite	427/1457	300	£170
PBN-120-050-0346	1217	500	Anthracite	512/1747	300	£179
PBN-120-060-0346	1217	600	Anthracite	598/2040	400	£186
PBN-180-050-0346	1856	500	Anthracite	788/2689	500/400	£228
PBN-180-060-0346	1856	600	Anthracite	925/3156	600	£240
PBCN-060-040	607	400	chrome	151/515	100/n/a	£111
PBCN-060-080	607	800	chrome	280/955	150	£173
PBCN-060-100	607	1000	chrome	345/1177	200	£189
PBCN-080-040	775	400	chrome	186/635	100/n/a	£135
PBCN-080-050	775	500	chrome	230/785	150/120	£141
PBCN-080-060	775	600	chrome	271/925	150/120	£148
PBCN-100-050	1027	500	chrome	287/979	200	£159
PBCN-120-040	1217	400	chrome	278/949	200	£169
PBCN-120-050	1217	500	chrome	330/1126	200	£173
PBCN-120-060	1217	600	chrome	390/1331	300	£177
PBCN-150-040	1469	400	chrome	346/1181	300	£203
PBCN-150-050	1469	500	chrome	407/1389	300	£210
PBCN-150-060	1469	600	chrome	481/1641	300	£218
PBCN-180-040	1856	400	chrome	432/1473	300	£224
PBCN-180-050	1856	500	chrome	513/1750	300	£231
PBCN-180-060	1856	600	chrome	607/2071	400	£238
PBCN-180-075	1856	750	chrome	741/2527	500	£251

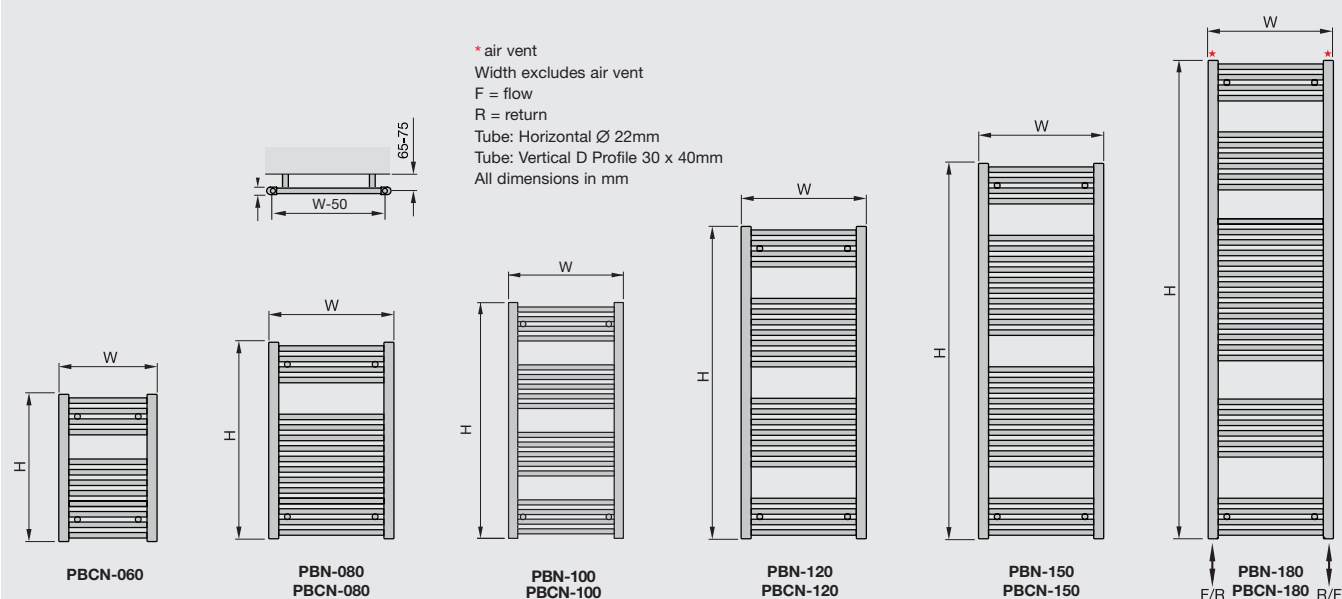
Max. working pressure: 10 bar

*Rating for simple immersion/CTEC or CTEW

Dual Energy: Self Fit - Additional cost to Central Heating model prices see page 70 for details

Optional wall brackets

Model		RRP (ex VAT)
926511	Set of 4 replacement brackets in white for PBN models	£29
926518	Set of 4 replacement brackets in chrome for PBCN models	£29



The complete compliant technical specifications can be found between pages 71 and 79.

Zehnder Aura



A classic ladder-style towel warmer in sizes to suit all popular heating sizes and types of décor. Easily connected to an existing central heating system, or fitted with a dual energy electric element for summer use. (See page 70 for details).



Suitable for dual energy installations. See page 70 for details.



Zehnder recommends VALVE-SET-1-CR. For more information see page 70.

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PBN-120-050 TRAFFIC WHITE 9016

Electric Heating Model STOCK listed in black	Height mm	Width mm	Finish	Simple electric immersion heater Class II IPX4, Zones 1 and 2	RRP (ex VAT)
 Zehnder Aura Electric 22mm tube					
PBEZ-080-40/F	821	400	white	300	£211
PBEZ-090-50/F	941	500	white	500	£216
PBEZ-120-50/F	1261	500	white	750	£255
PBEZ-120-60/F	1261	600	white	750	£255
PBEZ-150-60/F	1501	600	white	1000	£273
PBEZ-180-50/F	1901	500	white	1000	£303
PBECZ-080-40/F	821	400	chrome	150	£255
PBECZ-090-50/F	941	500	chrome	200	£261
PBECZ-120-50/F	1261	500	chrome	300	£307
PBECZ-120-60/F	1261	600	chrome	400	£311
PBECZ-180-50/F	1901	500	chrome	500	£382

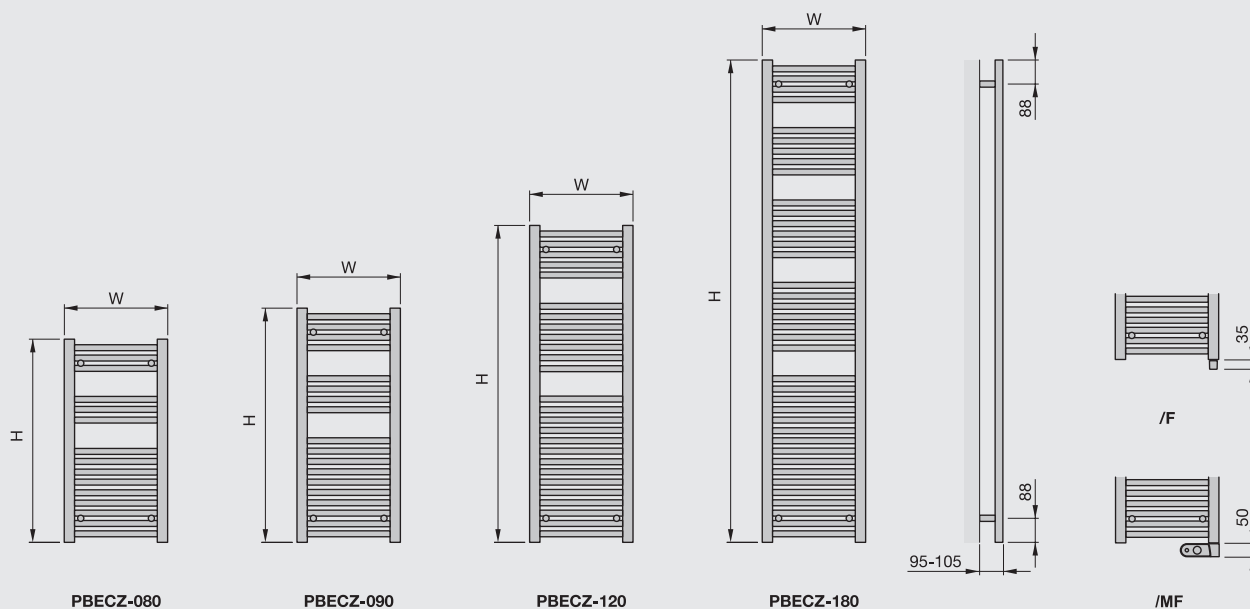
Electric Heating Model STOCK listed in black	Height mm	Width mm	Finish	Adjustable thermostatic controller Class II IPX4 with 7 day programmer	RRP (ex VAT)
 Zehnder Aura Electric 22mm tube					
PBECZ-120-50/MF	1287	500	chrome	300	£357
PBECZ-120-60/MF	1287	600	chrome	400	£360

Height measurements of electric models include electric heaters

Optional wall brackets

Model	RRP (ex VAT)
926588 Set of 4 replacement brackets in chrome for PBECZ models	£29

Tube: Horizontal Ø 22mm
Tube: Vertical D Profile 30 x 40mm
All dimensions in mm



Zehnder Aura Electric



A classic yet stylish chrome electric towel radiator which is perfect for modern homes. Choose from a factory-fitted simple immersion heater or an adjustable thermostatic controller.



Simple Immersion heater



Adjustable thermostatic controller.
Eco Design compliant with only the
adjustable thermostatic controller



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PBECZ-120-50/MF CHROME 0008

Central Heating Model STOCK listed in black	Height mm	Width mm	Finish	Output $\Delta T=50K$ Watts/Btu All outputs certified to EN 442	Max. Immersion rating Watts*	RRP (ex VAT)
 Zehnder Aura Bow 22mm tube						
PBTN-080-050 *	775	494	white	358/1221	200	£127
PBTN-080-060 *	775	595	white	418/1426	300	£130
PBTN-120-050 *	1217	494	white	512/1747	300	£154
PBTN-120-060 *	1217	595	white	598/2040	400	£159
PBTN-180-050 *	1856	494	white	788/2689	500/400	£196
PBTN-180-060 *	1856	595	white	925/3156	600	£205
PBTCN-080-050	775	494	chrome	230/785	150/120	£145
PBTCN-080-060	775	595	chrome	271/925	150/120	£151
PBTCN-120-050	1217	494	chrome	330/1126	200	£177
PBTCN-120-060	1217	595	chrome	390/1331	300	£182
PBTCN-180-050	1856	494	chrome	513/1750	300	£243
PBTCN-180-060	1856	595	chrome	607/2071	400	£251

Max. working pressure: 10 bar

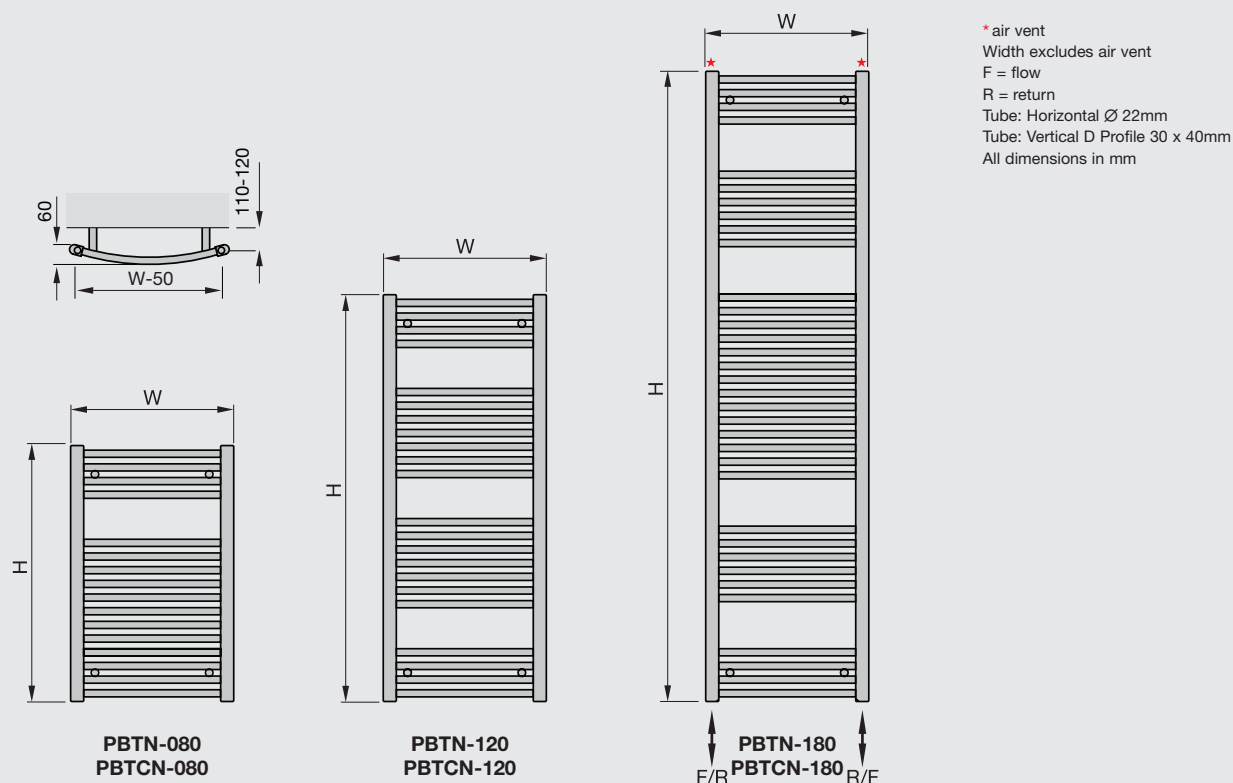
*Rating for simple immersion/CTEC or CTEW

*8 to 10 day lead time

 Dual Energy: Self Fit - Additional cost to Central Heating model prices see page 70 for details

Optional wall brackets

Model		RRP (ex VAT)
926521	Set of 4 replacement brackets in white for PBTN models	£29
926528	Set of 4 replacement brackets in chrome for PBTCN models	£29



Zehnder Aura Bow



A stylish, modern curved ladder radiator for warming towels. Suitable for connection to an existing central heating system or fitted with a dual energy electric element for summer usage. (See page 70 for details).



PBTCN-120-050 CHROME 0008



Suitable for dual energy installations. See page 70 for details.



Zehnder recommends VALVE-SET-1-CR. For more information see page 70.

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PBTCN-080-060 CHROME 0008

Central Heating Model STOCK listed in black	Height mm	Width mm	Finish	No. of sections	With factory fitted controls, IPX4 Zone 1 Bath, Zone 2 Shower, Class II Electric Rating (Watts)	Weight kg	RRP (ex VAT)
Zehnder Alura Electric							
ALE-050-036/F	575	372	white	3	500	7	£308
ALE-075-046/F	575	472	white	4	750	9	£336
ALE-100-056/F	575	572	white	5	1000	11	£379
ALE-125-076/F	575	772	white	7	1250	15	£444
ALE-150-086/F	575	872	white	8	1500	17	£492
ALE-200-116/F	575	1172	white	11	2000	23	£604

white (RAL 9010)

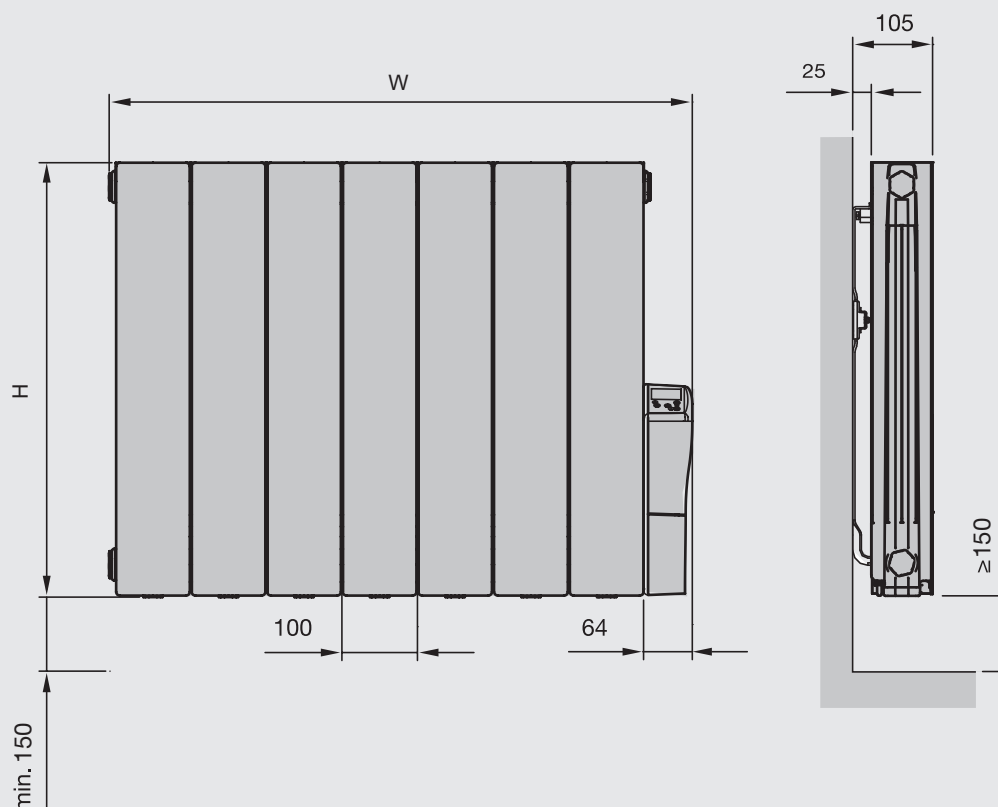
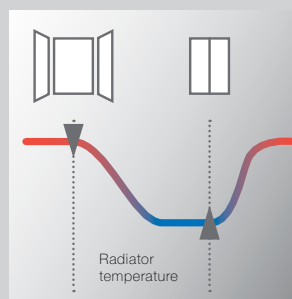
Temperature controller: Backlit LCD digital display screen gives complete control. Temperature can be adjusted in 0.5°C increments. 3 pre-set programmes and 5 mode settings. Open window detection system and parental lock. 7 day programmable function.

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Open Window detection

The Integral control unit recognises if a window has been opened for an extended period and switches the radiator off. Once the window is closed, the radiator returns to normal operation.

- Temperature changes are quickly recognised via the external temperature sensor
- The integral thermostat proactively reacts to sensor information; delivering the perfect indoor climate
- Intuitive radiator which automatically switches off if a window is open for an extended period
- An intelligent heating solution which lowers costs and energy consumption



H = height
W = width
All dimensions in mm

Zehnder Alura



This fast response electric aluminium radiator has a high output in relation to its size. Its weight and size makes this radiator easy to install, and the straightforward digital controls make it easy and economical to use. H shaped mounting bracket with removable spirit level and locking system included.



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Central Heating Model STOCK listed in black	Height mm	Width mm	Number of sections	Finish	Overall Projection mm	Output $\Delta T=50^{\circ}\text{C}$ Watts/btu All outputs certified to EN 442	RRP (ex VAT)
Zehnder Blitz Super horizontal							
BS350/100-6	395	480	6	white	130	546/1863	£174
BS350/100-8	395	640	8	white	130	728/2484	£232
BS350/100-10	395	800	10	white	130	910/3105	£290
BS350/100-12	395	960	12	white	130	1092/3726	£348
BS350/100-14	395	1120	14	white	130	1274/4347	£406
BS500/100-6	545	480	6	white	130	737/2516	£180
BS500/100-8	545	640	8	white	130	983/3354	£240
BS500/100-10	545	800	10	white	130	1229/4193	£300
BS500/100-12	545	960	12	white	130	1475/5032	£360
BS500/100-14	545	1120	14	white	130	1721/5871	£420
BS600/100-6	645	480	6	white	130	848/2895	£186
BS600/100-8	645	640	8	white	130	1131/3860	£248
BS600/100-10	645	800	10	white	130	1414/4824	£310
BS600/100-12	645	960	12	white	130	1697/5789	£372
BS600/100-14	645	1120	14	white	130	1980/6754	£434

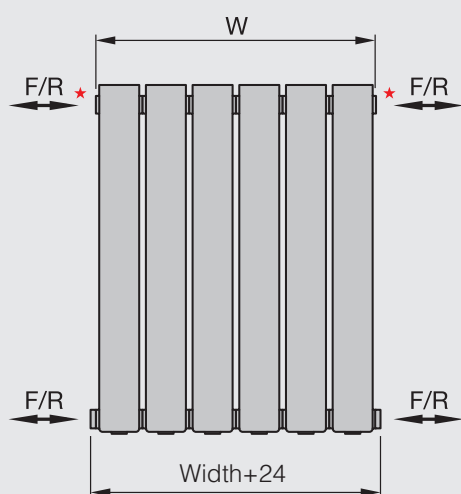
Powder coated RAL9010 white. Colour finishes are not available. Width excludes air vent and bushes (Additional 24mm)

The Blitz Super is a high output, low water content, die-cast aluminium radiator, sectional in manufacture, supplied with a bracket pack comprising wall fixing brackets, plugs, bushes and an air vent.

Joining nipples, gaskets and an assembly tool must be purchased separately.

Accessories

Model		RRP (ex VAT)
A36/6	Towel rail for 6 section Blitz Super. White RAL9010 (see below)	£79
905110	Aluminium assembly tool 300	£56
905120	Aluminium assembly tool 600	£56
905130	Aluminium assembly tool 900	£56
905140	Aluminium assembly tool 1200	£56
A2/1	1 inch steel joining nipple – for use with Blitz Super	£2.80
A10/1	Joining nipple gasket for joining the Blitz Super. White RAL 9010	£0.65
A11/1	Gasket for end plugs for Blitz Super – Green	£1.50
A81	Installation bush and bracket pack for Blitz Super	£26
A80	Service assembly kit for the Blitz Super radiator	£25



*1/2" air vent
Width excludes air vent
F = flow
R = return
H = height
W = width
All dimensions in mm

Connections: 4 x 1/2", suitable for bottom opposite ends (BOE), top bottom opposite ends (TBOE) or top bottom same end (TBSE).

The complete  compliant technical specifications can be found between pages 71 and 79.

Zehnder Aluminium Blitz Super



A high output, low water content, die-cast aluminium radiator, giving a fast response, comfortable heat with high thermal energy efficiency. Easy to handle, the Blitz Super is resistant to corrosion. Brackets, plugs, bushes and air vent are included.

By **fondital**

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Central Heating Model STOCK listed in black	Height mm	Width mm	Number of sections	Finish	Overall Projection mm	Output $\Delta T=50^{\circ}\text{C}$ Watts/btu All outputs certified to EN 442	RRP (ex VAT)
 Zehnder Lyta-T vertical							
LYTV-Z-097-032	966	320	4	white	127	728/2484	£252
LYTV-Z-097-048	966	480	6	white	127	1092/3726	£378
LYTV-Z-147-032	1466	320	4	white	127	1000/3412	£356
LYTV-Z-147-048	1466	480	6	white	127	1500/5118	£534
LYTV-Z-187-024	1866	240	3	white	127	900/3071	£318
LYTV-Z-187-032	1866	320	4	white	127	1200/4094	£424
LYTV-Z-187-040	1866	400	5	white	127	1500/5118	£530
LYTV-Z-187-048	1866	480	6	white	127	1800/6142	£636

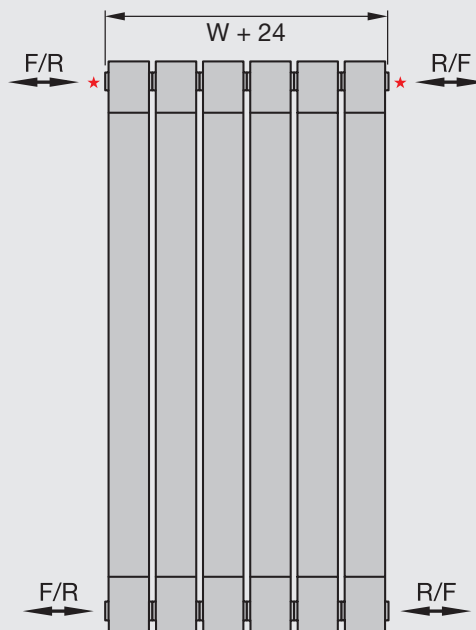
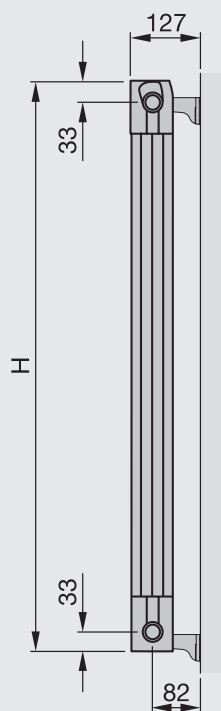
Powder coated RAL9010 white finish. Colour finishes are not available. Width excludes air vent and bushes (Additional 24mm)

The Lyta-T is a high output, low water content, extruded aluminium radiator, sectional in manufacture, supplied with a bracket pack comprised of wall fixing brackets, plugs, bushes and an air vent.

Joining nipples, gaskets and an assembly tool must be purchased separately.

Accessories

Model		RRP (ex VAT)
905110	Aluminium assembly tool 300	£56
905120	Aluminium assembly tool 600	£56
905130	Aluminium assembly tool 900	£56
905140	Aluminium assembly tool 1200	£56
A32/1	Gasket for nipples, plugs and adaptors for Lyta-T – Black	£1.50
A33/1	1 inch steel joining nipple for Lyta-T	£3.00
A82	Installation bush and bracket pack for Lyta-T	£26
A36/4	Towel rail for 4 section Lyta-T. White (RAL9010)	£62
A36/5	Towel rail for 5 section Lyta-T. White (RAL9010)	£72
A36/6	Towel rail for 6 section Blitz Super and Lyta-T. White (RAL9010)	£79



*1/2" air vent
Width excludes air vent
F = flow
R = return
H = height
W = width
All dimensions in mm

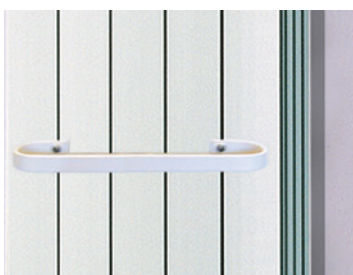
The complete  compliant technical specifications can be found between pages 71 and 79.

Zehnder Aluminium Lyta-T



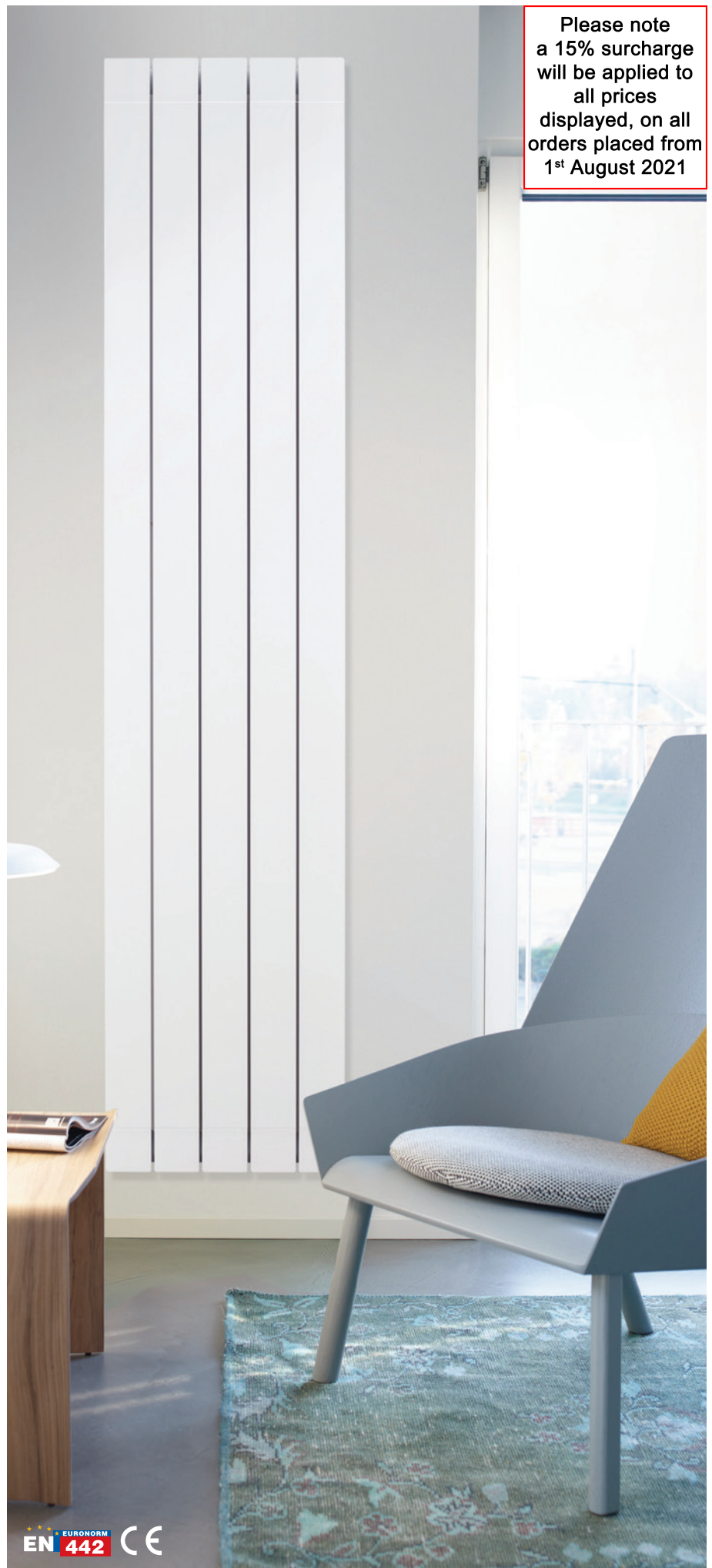
The Lyta is a high output, low water content, extruded aluminium radiator. Resistant to corrosion. The Lyta-T has the practical option of a towel bar. Brackets, plugs, bushes and air vent are included.

By **fondital**



Aluminium Lyta-T Towel Bar

Please note
a 15% surcharge
will be applied to
all prices
displayed, on all
orders placed from
1st August 2021



Central Heating Model STOCK listed in black	Height mm	Width mm	Overall Projection	No. of sections	Output $\Delta T=50^{\circ}\text{C}$ Watts/btu All outputs certified to EN 442	RRP (ex VAT)
 Zehnder Charleston Horizontal white RAL 9016 - 2 column						
2050-10	492	486	90	10	384/1310	£184
2050-14	492	670	90	14	538/1836	£257
2050-18	492	854	90	18	691/2358	£330
2050-22	492	1038	90	22	845/2883	£404
2050-26	492	1222	90	26	998/3405	£477
2060-10	592	486	90	10	453/1546	£190
2060-14	592	670	90	14	634/2163	£266
2060-18	592	854	90	18	815/2781	£342
2060-22	592	1038	90	22	997/3402	£418
2060-24	592	1130	90	24	1080/3685	£456
2060-28	592	1314	90	28	1260/4299	£532

 Zehnder Charleston Horizontal white RAL 9016 - 3 column						
3050-14	500	670	128	14	722/2463	£305
3050-18	500	854	128	18	929/3170	£392
3050-22	500	1038	128	22	1135/3873	£480
3050-26	500	1222	128	26	1342/4579	£567
3050-30	500	1406	128	30	1548/5282	£654
3060-10	600	486	128	10	609/2078	£230
3060-14	600	670	128	14	853/2910	£322
3060-18	600	854	128	18	1096/3740	£414
3060-20	600	946	128	20	1220/4163	£460
3060-24	600	1130	128	24	1464/4995	£552
3060-27	600	1268	128	27	1645/5613	£621
3060-30	600	1406	128	30	1827/6234	£690
3060-34	600	1590	128	34	2071/7066	£782
3075-14	750	670	128	14	1040/3548	£361
3075-22	750	1038	128	22	1635/5579	£568
3075-26	750	1222	128	26	1932/6592	£671

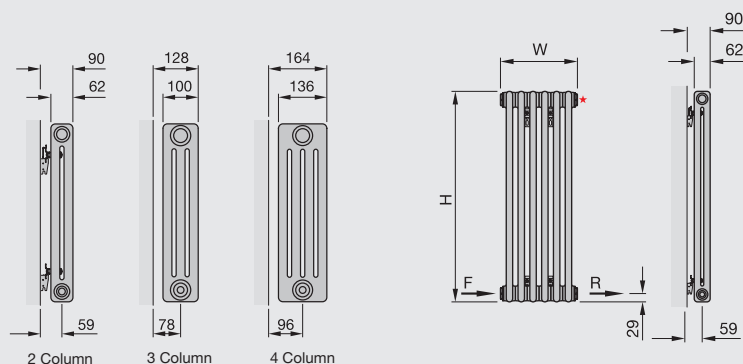
 Zehnder Charleston Horizontal white RAL 9016 - 4 column						
4030-20	300	946	164	20	840/2866	£462
4030-30	300	1406	164	30	1260/4299	£693
4060-14	600	670	164	14	1117/3811	£339
4060-18	600	854	164	18	1436/4900	£436
4060-20	600	946	164	20	1596/5446	£484
4060-24	600	1130	164	24	1920/6551	£581
4075-14	750	670	164	14	1364/4654	£409
4075-18	750	854	164	18	1753/5981	£526
4075-22	750	1038	164	22	2143/7312	£642
4075-26	750	1222	164	26	2532/8639	£759

 Zehnder Charleston Horizontal anthracite 0346 - 3 column						
3060-10-0346	600	486	128	10	609/2078	£288
3060-14-0346	600	670	128	14	853/2910	£403
3060-18-0346	600	854	128	18	1096/3740	£518
3060-20-0346	600	946	128	20	1220/4163	£575
3060-24-0346	600	1130	128	24	1464/4995	£690

Model code breakdown: eg. 3060-20 = 3 (number of columns), 060 (600mm high), 20 (number of sections).

 **Colour finish:** Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 + 25%. Colour finish and non-stock products delivery: 3-5 weeks.

Expect manufacturers marks on Charleston Technoline finish. See page 30 for more information.



*1/2" air vent
Width excludes air vent
F = flow
R = return
H = height
W = width
Tube: Vertical Ø25mm
All dimensions in mm
Manufacturing tolerance
of +/-0.6mm per section

Don't forget to use your Charleston radiator packaging to protect your new radiator whilst decorating – see the cardboard outer for details.

The complete  compliant technical specifications can be found between pages 71 and 79.

Zehnder Charleston



The Zehnder Charleston multi-column design is equally at home in modern environments, and is available in a wide range of stocked horizontal and vertical models, or made-to-measure, including angled and curved. Find out more about LaZer made on page 32.



Technoline 0325. For more information see page 30.



Scan the QR code to watch the Zehnder LaZer welding made process.



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1st August 2021



Central Heating Model STOCK listed in black	Height mm	Width mm	Overall Projection	No. of sections	Output $\Delta T=50^{\circ}\text{C}$ Watts/btu All outputs certified to EN 442	RRP (ex VAT)
 Zehnder Charleston Vertical white RAL 9016 - 2 column						
2180-6	1792	302	90	6	744/2539	£272
2180-8	1792	394	90	8	992/3385	£362
2180-10	1792	486	90	10	1240/4231	£453
2180-12	1792	578	90	12	1488/5077	£543
 Zehnder Charleston Vertical anthracite - 2 column						
2180-8-0346	1792	394	90	8	992/3385	£453
2180-10-0346	1792	486	90	10	1240/4231	£566
2180-12-0346	1792	578	90	12	1488/5077	£679
 Zehnder Charleston Vertical white RAL 9016 - 3 column						
3180-6	1800	302	128	6	996/3398	£372
3180-8	1800	394	128	8	1328/4531	£496
3180-10	1800	486	128	10	1660/5664	£621

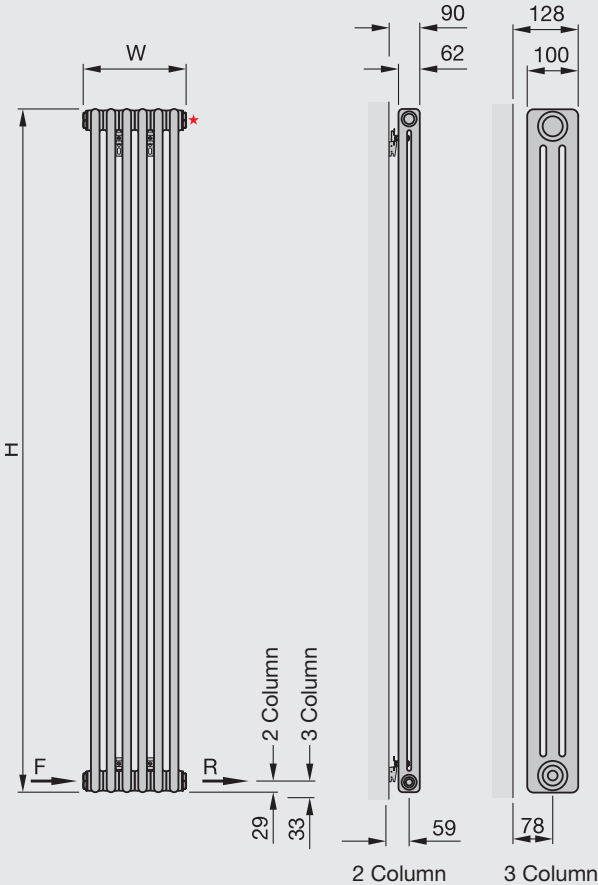
Model code breakdown: eg. 3180-6 = 3 (number of columns), 180 (1800mm high), 6 (number of sections).

 **Colour finish:** Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 + 25%. Colour finish and non-stock products delivery: 3-5 weeks.

Expect manufacturers marks on Charleston Technoline finish. See page 30 for more information.

*1/2" air vent
Width excludes air vent
F = flow
R = return
H = height
W = width
Tube: Vertical Ø 25mm
All dimensions in mm
Manufacturing tolerance
of +/-0.6mm per section

Don't forget to use your Charleston radiator packaging to protect your new radiator whilst decorating – see the cardboard outer for details.



The complete  compliant technical specifications can be found between pages 71 and 79.

Zehnder Charleston



A timeless decorative radiator that suits modern or traditional settings, the multicolumn is available from stock in a RAL 9016 white finish and stylish Anthracite finish, or to order from a range of 50 other colours. Wall supports and air vents are included. Stylish support feet are available if required. Find out more about LaZer made on page 32.



HORIZON BLUE 0520



Zehnder recommends VALVE-SET-2-CR. For more information see page 70.

Please note
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1st August 2021



ANTHRACITE 0346



Nominal height mm	Model code	Output 50ΔT Watts/BTU	RRP white (ex VAT)	RRP colour (ex VAT)	Model code	Output 50ΔT Watts/BTU	RRP white (ex VAT)	RRP colour (ex VAT)	Model code	Output 50ΔT Watts/BTU	RRP white (ex VAT)	RRP colour (ex VAT)
2 column					3 column				4 column			
260	2026	21/72	£18.35	£22.94	3026	28/95	£21.80	£27.25	4026	37/125	£23.10	£28.88
292	2030	24/81	£18.35	£22.94	3030	32/109	£21.80	£27.25	4030	42/143	£23.10	£28.88
342	2035	28/94	£18.35	£22.94	3035	37/126	£21.80	£27.25	4035	49/165	£23.65	£29.56
392	2040	31/106	£18.35	£22.94	3040	42/143	£21.80	£27.25	4040	55/187	£24.20	£30.25
442	2045	35/119	£18.35	£22.94	3045	47/160	£21.80	£27.25	4045	61/209	£24.20	£30.25
492	2050	38/131	£18.35	£22.94	3050	52/176	£21.80	£27.25	4050	68/232	£24.20	£30.25
542	2055	42/143	£19.00	£23.75	3055	56/192	£23.00	£28.75	4055	74/251	£24.20	£30.25
592	2060	45/155	£19.00	£23.75	3060	61/208	£23.00	£28.75	4060	80/272	£24.20	£30.25
742	2075	55/188	£22.00	£27.50	3075	74/254	£25.80	£32.25	4075	97/332	£29.20	£36.50
892	2090	64/218	£26.25	£32.81	3090	87/297	£30.45	£38.06	4090	114/389	£35.70	£44.63
992	2100	70/239	£29.40	£36.75	3100	95/324	£34.65	£43.31	4100	125/427	£39.90	£49.88
1192	2120	83/282	£35.70	£44.63	3120	115/392	£44.10	£55.13	4120	147/502	£55.65	£69.56
1492	2150	104/355	£42.00	£52.50	3150	140/478	£54.60	£68.25	4150	180/614	£70.35	£87.94
1792	2180	124/423	£45.25	£56.56	3180	166/566	£62.05	£77.56	4180	213/727	£79.80	£99.75
1992	2200	138/471	£51.45	£64.31	3200	183/624	£71.40	£89.25	4200	234/798	£90.30	£112.88

Nominal height mm	Model code	Output 50ΔT Watts/BTU	RRP white (ex VAT)	RRP colour (ex VAT)	Model code	Output 50ΔT Watts/BTU	RRP white (ex VAT)	RRP colour (ex VAT)
5 column					6 column			
260	5026	45/154	£30.05	£37.56	6026	54/183	£37.60	£47.00
300	5030	52/177	£31.50	£39.38	6030	61/209	£39.90	£49.88
350	5035	60/204	£32.55	£40.69	6035	71/242	£40.95	£51.19
400	5040	68/232	£32.55	£40.69	6040	81/275	£42.00	£52.50
450	5045	76/259	£33.60	£42.00	6045	90/306	£44.10	£55.13
500	5050	84/285	£34.65	£43.31	6050	99/338	£46.20	£57.75
550	5055	91/310	£35.70	£44.63	6055	108/369	£48.30	£60.38
600	5060	99/336	£36.75	£45.94	6060	117/399	£50.40	£63.00
750	5075	120/409	£40.95	£51.19	6075	143/488	£52.50	£65.63
900	5090	141/481	£45.15	£56.44	6090	167/570	£56.70	£70.88
1000	5100	154/525	£51.45	£64.31	6100	183/624	£65.10	£81.38
1200	5120	179/611	£65.10	£81.38	6120	210/717	£79.80	£99.75
1500	5150	219/747	£86.10	£107.63	6150	256/873	£100.80	£126.00
1800	5180	259/884	£98.05	£122.56	6180	303/1034	£117.90	£147.38
2000	5200	285/972	£110.45	£138.06	6200	334/1140	£134.10	£167.63

See page 26 for Optional Foot Supports and dimensional data

Output and pricing given per section.

 **Colour finish:** Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 + 25%. Colour finish and non-stock products delivery: 3-5 weeks.

There are other sizes available on request. Angled and curved radiators are also available.

For technical drawings see page 26.

All data and prices per 46mm section

Dimensions:

Nominal overall radiator length = (No. of sections x 46mm) + 26mm
(Manufacturing tolerance of +/- 1.5% in length, +/- 2mm in height, +/- 5mm in depth)

Selection example:

Output required: approximately 1000 watts

Dimensions required:

approximately 500mm H x 900mm L
Formula: (No. of sections x 46mm) + 26mm

Calculation of sections:

900mm - 26mm divided by 46 = 19 sections
1000w divided by 19 section = approximately 52 watts/section required
Radiator selection: 3050 = 52 watts/section
52w x 19 section = 988 watts (50Δt)

Price calculation:

19 sections x £21.80 = £414.20 plus VAT

Please note: We only supply complete radiators. Additional sections cannot be joined to our stock range of radiators. The number of sections/length is virtually unlimited. Practicality regarding weights, handling and accessibility should be taken into consideration. Large radiators may be supplied in modules to be assembled on site. Lead times – Please allow 6-8 weeks for curved, angled and engineered to drawing.

Angled and curved radiators are also available. Angled radiators: Prices on application.

Curved radiators: Please multiply the prices for standard radiators by 2.

Please contact our sales team for further details.

The complete  compliant technical specifications can be found between pages 71 and 79.

Zehnder Charleston

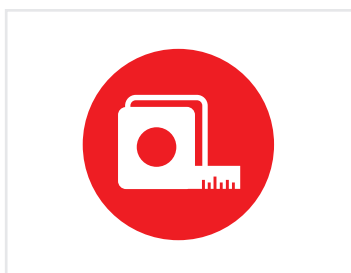
Made to Measure



The Zehnder Charleston multi-column can be Made to Measure, with bespoke angles and curves. Find out more about LaZer made on page 32.



TRAFFIC WHITE 9016 (Made to Measure)



Made to Measure



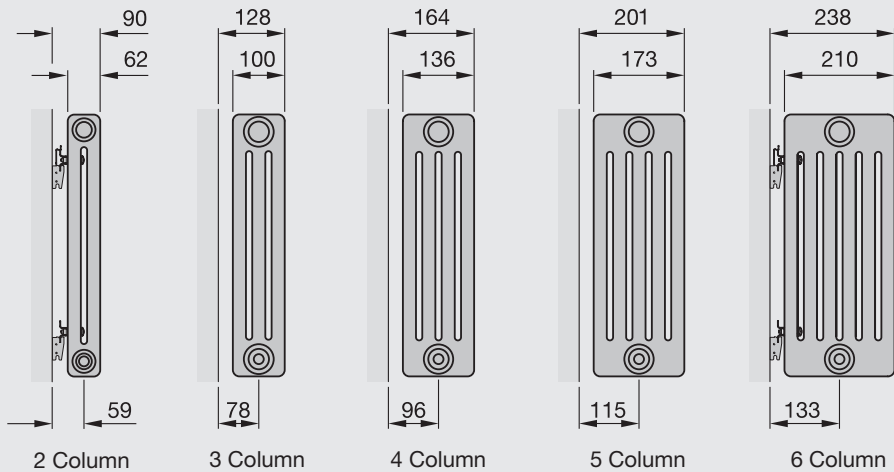
Charleston curved on welded feet
Deliveries vary for curved or angled radiators. Please allow at least 8 weeks for delivery. They are also priced on application.



TECHNOLINE 0325 (Made to Measure)

Optional Foot Supports				
Model	No of feet		RRP white (ex VAT)	RRP colour (ex VAT)
Welded-on fixed - 150mm (WF150) or adjustable fixed - 120-170mm (WF120) feet with cover plate			Price per radiator	
	8 - 20 sections	2	£70.00	£87.50
	21 - 40 sections	3	£105.00	£131.25
	41 - 60 sections	4	£140.00	£175.00
Welded-on traditional - 100mm (WF100) or 150mm (WTF150) feet			Price per radiator	
	2 - 20 sections	2 pairs	£96.00	£120.00
	21 - 40 sections	3 pairs	£144.00	£180.00
	41 - 60 sections	4 pairs	£192.00	£240.00
Adjustable foot (100-150mm)			Price per foot	
	976131 white	1	£34.00	
	976139 colour	1		£42.50
	Must always be used with wall brackets			
Cast iron foot (100mm high)			Price per foot	
	ZPGG-9016 White	1	£24.00	
EasyFix brackets				
	SMB-2PC		£36.00	£45.00
	SMB-3PC		£54.00	£67.50
	SMB-4PC		£72.00	£90.00
	SMB-5PC		£90.00	£112.50

Prices for EasyFix Brackets are given as a guide – please contact us to determine which brackets you require depending on the size of your radiator.
Note: The amount of pieces required depends on the radiator height and width.



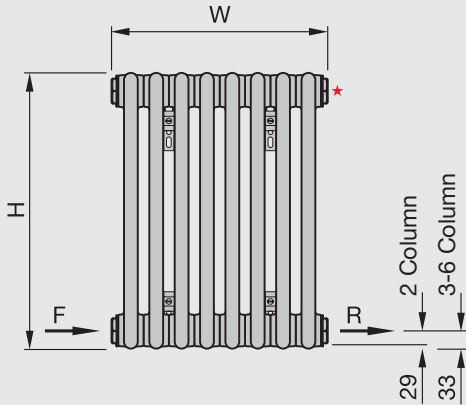
Standard CVD brackets supplied with Charleston radiators - colour to match the radiator



EasyFix bracket for radiators 300mm to 1000mm in height



EasyFix bracket for radiators below 260mm and above 1100mm in height



*1/2" air vent
Width excludes air vent
F = flow
R = return
H = height
W = width
Tube: Vertical Ø 25mm
All dimensions in mm

Note: Optional longer brackets available to order, to achieve longer distance from back of the radiator to the wall.
CVD0 (supplied with the radiator) 28mm
CVD1 43mm
CVD2 63mm

Zehnder Charleston

Made to Measure



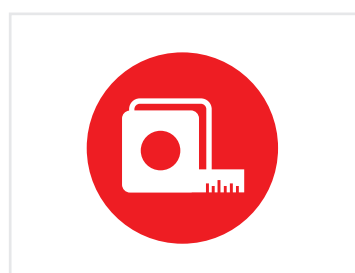
The Zehnder Charleston multi-column can be Made to Measure, with bespoke angles and curves. Find out more about LaZer made on page 32.



CHARLESTON CURVED (Engineered to Order)



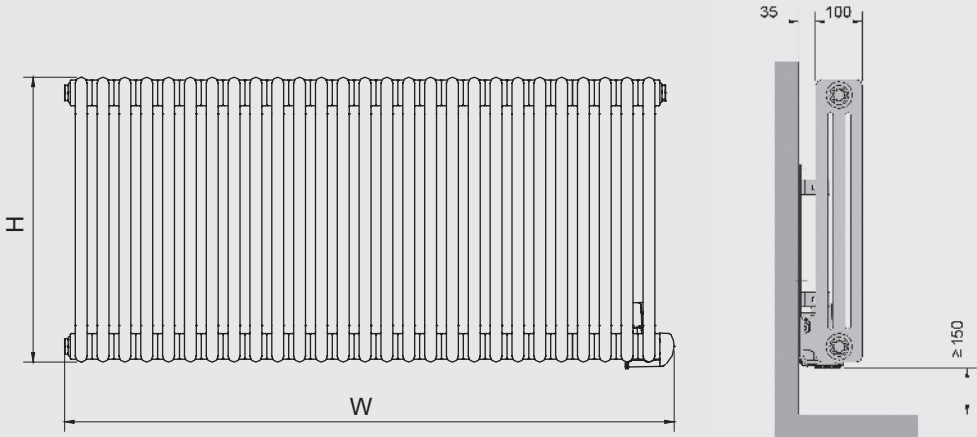
To download a full checklist to help plan your engineered to order radiator, scan this code.
Or visit:
www.zehnder.co.uk/products-and-systems/decorative-radiators/special-solutions



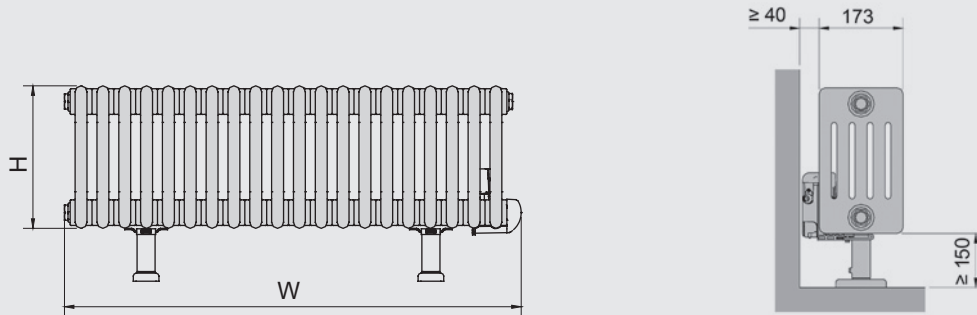
Made to Measure



Central Heating Model STOCK listed in black	Height mm	Width mm	No. of sections	Finish	Watts Radio frequency remote programmer IPX4 Zone 1 Bath, Zone 2 Shower, Class II	Weight kg	RRP (ex VAT)
Zehnder Charleston Electric							
NZ-060-053/GF	600	530	10	white*	500	27.0	£526
NZ-060-062/GF	600	622	12	white*	750	30.0	£613
NZ-060-076/GF	600	760	15	white*	1000	41.0	£664
NZ-060-089/GF	600	898	18	white*	1250	47.0	£775
NZ-060-103/GF	600	1036	21	white*	1500	58.0	£836
NZ-060-131/GF	600	1312	27	white*	2000	70.0	£1,006
Zehnder Charleston Plinth Electric							
NZ-030-100/GF	300	962	20	white	1000	42.4	£874
Colour finish: Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 + 25%. Colour finish and non-stock products delivery: 3-5 weeks.							
Accessories							
Model							RRP (ex VAT)
601020	Lambswool cleaning brush						£29
966018	Charleston towel bar 366mm						£151
966028	Charleston towel bar 918mm						£168



CHARLESTON ELECTRIC



CHARLESTON PLINTH ELECTRIC

H = height
W = width
Width includes controller
All dimensions in mm

Zehnder Charleston Electric & Charleston Plinth Electric



The Charleston is an electric, oil-filled multi-column radiator available in six sizes that would suit a variety of rooms, especially loft conversions.

The complementary Charleston Plinth low level model is perfectly suited to conservatories for use in front of low-level windows.



NZ-060-089/GF TRAFFIC WHITE 9016



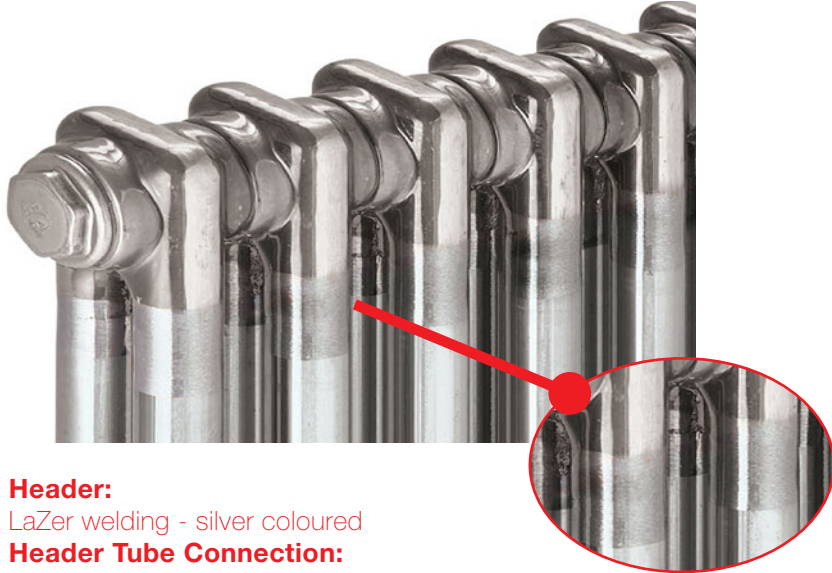
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NZ-030-100/GF TRAFFIC WHITE 9016

Charleston Technoline Finish

Everything you need to know...

Zehnder Charleston in Technoline finish essentially shows unique colour and surface appearance for each radiator. This is due to different manufacturing processes and welding technologies (LaZer welding for the headers and projection welding or soldering for the header-tube connection), so each radiator is one of a kind!



Header:

LaZer welding - silver coloured

Header Tube Connection:

Projection welding - visible grinding marks

Occurrence:

2-6 Columns

Height:

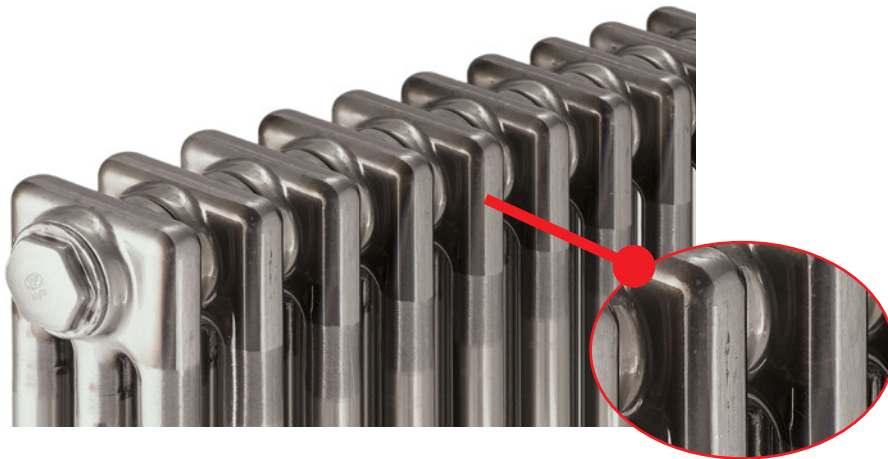
400mm or over

Reason for appearance:

LaZer and projection welding technology



Typically the two column radiator would look as above.



Header: LaZer welding seam is visible on the side

Header Tube Connection:

Projection welding - silver coloured

Occurrence:

On each section / on some sections / on no section

Height:

400mm or over

Reason for appearance:

The seam is due to the laZer welding process



Typically the three column radiator would look as above.



Header:

Marks at the top of the header

Occurrence:

On each header / on some headers

Height:

For all heights

Reason for appearance:

Securing of the sections during welding processes



Typically the four column radiator would look as below.



Header:

Silver coloured

Header Tube Connection:

Soldering – darker coloured (brown/blue)

Occurrence:

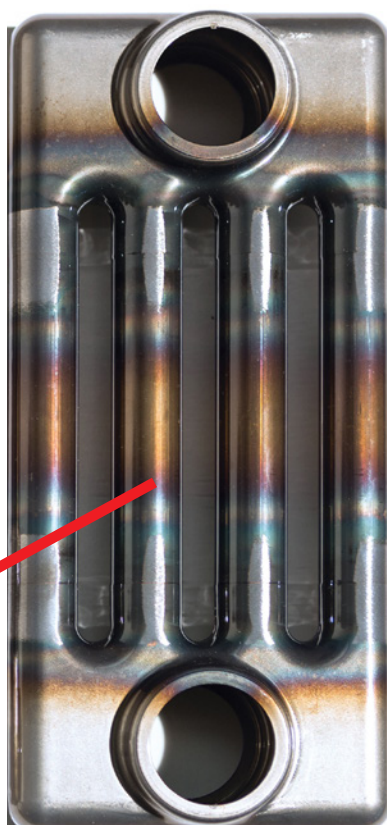
2-6 columns

Height:

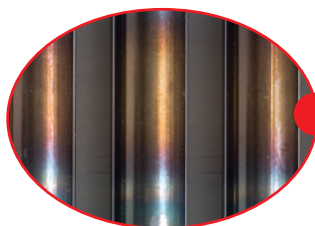
350mm or under

Reason for the appearance:

Soldering



Typically the four column, under 350mm in height radiator would look as below.



Header:

Silver coloured

Header Tube Connection:

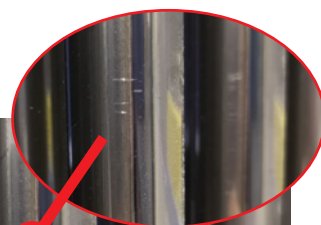
Scratches on the radiator visible beneath the clear lacquer

Occurrence:

On each section / on some sections / on no section

Reason for the appearance:

Pre-existing scratches on the delivered raw material / securing of the sections during welding processes





Charleston LaZer made, the high-tech, residue-free welding method

The fact that Zehnder Charleston has become a radiator classic is not surprising due to its impressive innovation. Even today it boasts a unique new feature: the manufacturing of Zehnder Charleston with LaZer made. This innovative laser welding method for the production of sectional radiators is setting new standards for quality and technology in terms of precision, quality and functionality. Thanks to LaZer made, manufacturing can be more precise than ever before – all without residues inside the radiator or offsets on its surfaces. This makes for an even more attractive appearance and optimised radiator operation. For more benefits, see the information on the right.



Smooth operation, less hassle

The application of this new laser welding method ensures completely clean welding. It guarantees that absolutely no residues remain inside the radiator – this prevents the valves and heat generators from potentially becoming blocked. For you, this means reliable operation and less time required to flush out the heating system.



Old

New

Top quality, enhanced appearance

Continuous inspection by a 3D co-ordinate measuring machine prevents even the smallest dimensional nonconformities. To ensure absolute tightness, each unfinished structure is subjected to testing in a test bath both during the production process and in the final stage of manufacturing. The unique production method enables leakproof radiators and clean contours free of offsets. The resulting smooth surfaces are easier to clean.



Sustainable manufacturing, made in Germany

Improved energy efficiency, environmental friendliness and sustainability. Because the new laser welding technology requires less energy than the previous method, Zehnder Charleston boasts a satisfyingly low CO2 footprint. With the “made in Germany” manufacturing label, Zehnder is dedicated to its production site in Lahr as well as to short transportation distances and ensured sustainability.



More efficient processes, even faster and more reliable delivery

Tube machining is performed directly on the automatically delivered tube bundles. This removes the need for any interruptions between the production stages and speeds up the manufacturing process. Your radiators are therefore delivered to your project site even faster and are guaranteed to arrive on the agreed date.



Scan the QR code to watch the Zehnder LaZer welding made process



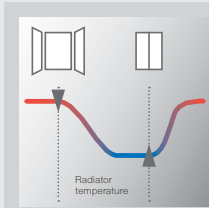
Central Heating Model STOCK listed in black	Height mm	Width mm	Finish	No. of sections	With factory fitted controls, IPX4 Zone 1 Bath, Zone 2 Shower, Class II Electric Rating (Watts)	Weight kg	RRP (ex VAT)
 Zehnder Fare Tech Electric							
TAD-057-041/CF	575	429	white	4	500	9	£399
TAD-057-049/CF	575	509	white	5	750	11	£429
TAD-057-065/CF	575	669	white	7	1000	14	£489
TAD-057-081/CF	575	829	white	9	1250	17	£549
TAD-057-089/CF	575	909	white	10	1500	18	£579
TAD-057-129/CF	575	1309	white	15	2000	26	£729

Projection from wall to front of radiator: 148mm max.

White (RAL 9010)

Temperature controller: Backlit LCD digital display screen gives complete control. Temperature can be adjusted in 0.5°C increments. 3 pre-set programmes and 5 mode settings. Open window detection system and parental lock. 7 day programmable function.

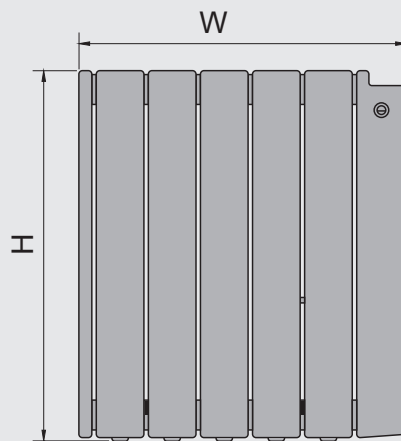
 **Colour finish:** Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9010 + 25%. Colour finish and non-stock products delivery: 3-5 weeks.



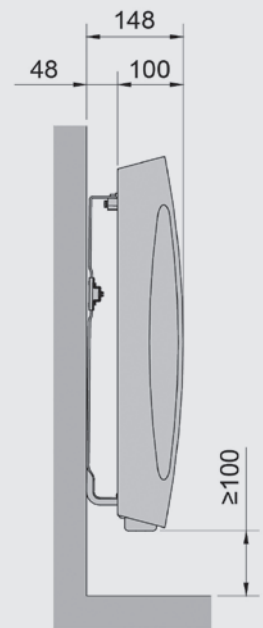
Open Window detection

The Integral control unit recognises if a window has been opened for an extended period and switches the radiator off. Once the window is closed, the radiator returns to normal operation.

- Temperature changes are quickly recognised via the external temperature sensor.
- The integral thermostat proactively reacts to sensor information; delivering the perfect indoor climate.
- Intuitive radiator which automatically switches off if a window is open for an extended period .
- An intelligent heating solution which lowers costs and energy consumption.



FARE TECH



H = height
W = width
All dimensions in mm

Zehnder Fare Tech



The Fare Tech electric radiator combines beauty and brains. Manufactured from aluminium, its unique, elegantly curved shape allows comfortable radiant heat to disperse optimally throughout the room, whilst its smart integrated control panel allows the room temperature to be easily set and energy consumption controlled.



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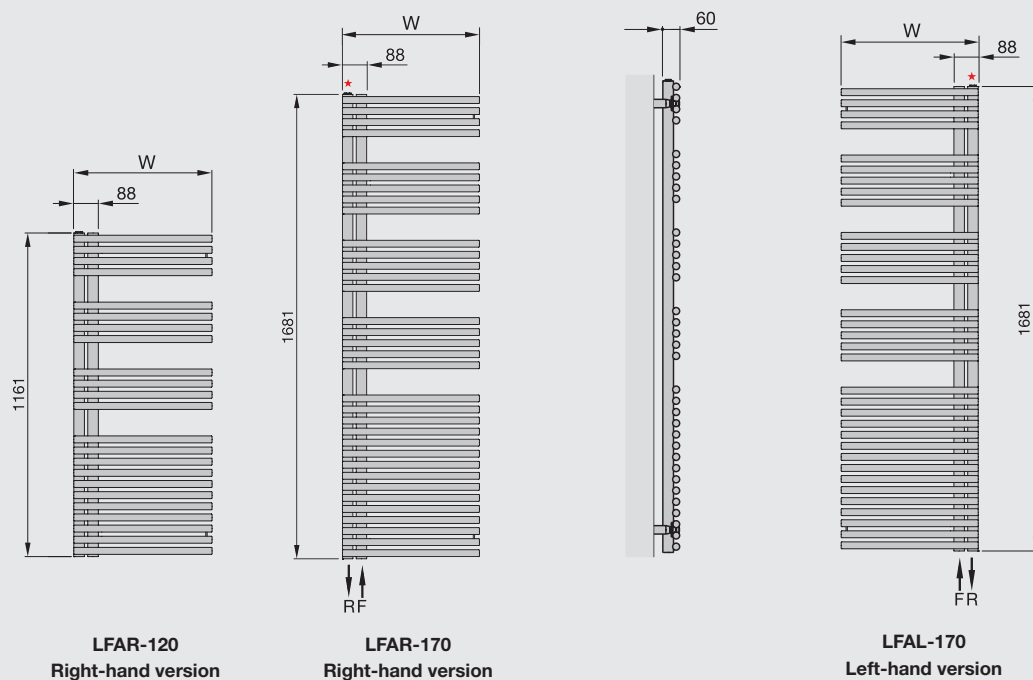
Temperature Controller. For more information see page 34.

Central Heating Model STOCK listed in black	Height mm	Width mm	Finish	Output $\Delta T=50K$ Watts/Btu All outputs certified to EN 442	Max. Immersion rating Watts	RRP (ex VAT)
Zehnder Forma Spa Asym						
LFAL-120-050	1161	496	white*	547/1866	300	£210
LFAL-120-060	1161	596	white*	628/2143	400	£225
LFAL-170-050	1681	496	white*	778/2655	300	£255
LFAL-170-060	1681	596	white*	894/3050	400	£279
LFAR-120-050	1161	496	white*	547/1866	300	£210
LFAR-120-060	1161	596	white*	628/2143	400	£225
LFAR-170-050	1681	496	white*	778/2655	300	£255
LFAR-170-060	1681	596	white*	894/3050	400	£279
LFAL-120-050-0346	1161	496	anthracite	547/1866	300	£263
LFAL-120-060-0346	1161	596	anthracite	628/2143	400	£281
LFAL-170-050-0346	1681	496	anthracite	778/2655	300	£319
LFAL-170-060-0346	1681	596	anthracite	894/3050	400	£349
LFAR-120-050-0346	1161	496	anthracite	547/1866	300	£263
LFAR-120-060-0346	1161	596	anthracite	628/2143	400	£281
LFAR-170-050-0346	1681	496	anthracite	778/2655	300	£319
LFAR-170-060-0346	1681	596	anthracite	894/3050	400	£349

 Dual Energy: Self Fit - Additional cost to Central Heating model prices see page 70 for details

 **Colour finish:** Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 + 25%. Colour finish and non-stock products delivery: 3-5 weeks.

*White (RAL 9016)



*1/2" air vent
W = width
F = Flow
R = Return
Tube: Horizontal = Ø 25mm
Tube: Vertical = Ø 38mm
All dimensions in mm

Zehnder Forma Spa Asym



A pleasant heat and a relaxed look for your bathroom. The vertical tubes positioned on the right or left of Zehnder Forma Asym allow you to conveniently slide in towels from one side. Available in almost any colour and finish from the Zehnder colour chart.



ANTHRACITE 0346

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Central Heating Model STOCK listed in black	Height mm	Width mm	Finish	Output $\Delta T=50K$ Watts/Btu All outputs certified to EN 442	Max. Immersion rating Watts*	RRP (ex VAT)
 Zehnder Klaro						
ZSL-080-045	748	450	white*	354/1208	200	£135
ZSL-080-050	748	500	white*	388/1324	200	£139
ZSL-080-060	748	600	white*	455/1552	300	£148
ZSL-120-045	1148	450	white*	521/1778	300	£160
ZSL-120-050	1148	500	white*	571/1948	400	£164
ZSL-120-060	1148	600	white*	670/2286	500/400	£176
ZSL-150-050	1466	500	white*	716/2443	500/400	£203
ZSL-150-060	1466	600	white*	839/2863	500/400	£214
ZSL-170-050	1708	500	white*	824/2811	500/400	£228
ZSL-170-060	1708	600	white*	966/3296	600	£234
ZSL-080-045-0336	748	450	volcanic	354/1208	200	£169
ZSL-120-050-0336	1148	500	volcanic	571/1948	400	£205
ZSL-120-060-0336	1148	600	volcanic	670/2286	500/400	£220
ZSL-150-050-0336	1466	500	volcanic	716/2443	500/400	£254
ZSL-150-060-0336	1466	600	volcanic	839/2863	500/400	£268
ZSL-170-050-0336	1708	500	volcanic	824/2811	500/400	£285
ZSL-170-060-0336	1708	600	volcanic	966/3296	600	£293
ZSL-080-045-0523	748	450	beige quartz	354/1208	200	£169
ZSL-120-050-0523	1148	500	beige quartz	571/1948	400	£205
ZSL-120-060-0523	1148	600	beige quartz	670/2286	500/400	£220
ZSL-150-050-0523	1466	500	beige quartz	716/2443	500/400	£254
ZSL-150-060-0523	1466	600	beige quartz	839/2863	500/400	£268
ZSL-170-050-0523	1708	500	beige quartz	824/2811	500/400	£285
ZSL-170-060-0523	1708	600	beige quartz	966/3296	600	£293
ZSL-080-045-0529	748	450	brown quartz	354/1208	200	£169
ZSL-120-050-0529	1148	500	brown quartz	571/1948	400	£205
ZSL-120-060-0529	1148	600	brown quartz	670/2286	500/400	£220
ZSL-150-050-0529	1466	500	brown quartz	716/2443	500/400	£254
ZSL-150-060-0529	1466	600	brown quartz	839/2863	500/400	£268
ZSL-170-050-0529	1708	500	brown quartz	824/2811	500/400	£285
ZSL-170-060-0529	1708	600	brown quartz	966/3296	600	£293
ZSLC-080-050	748	500	chrome	283/966	200	£299
ZSLC-080-060	748	600	chrome	332/1133	200	£324
ZSLC-120-050	1148	500	chrome	417/1423	300	£382
ZSLC-120-060	1148	600	chrome	489/1668	300	£415
ZSLC-150-050	1466	500	chrome	475/1621	300	£491
ZSLC-150-060	1466	600	chrome	560/1911	400	£531
ZSLC-170-050	1708	500	chrome	601/2050	400	£567
ZSLC-170-060	1708	600	chrome	705/2405	500/400	£615

An immersion heater for dual energy use can only be fitted in the header tube without the insert tube. Max. working pressure: 11.5 bar

*Rating for simple immersion/CTEC or CTEW

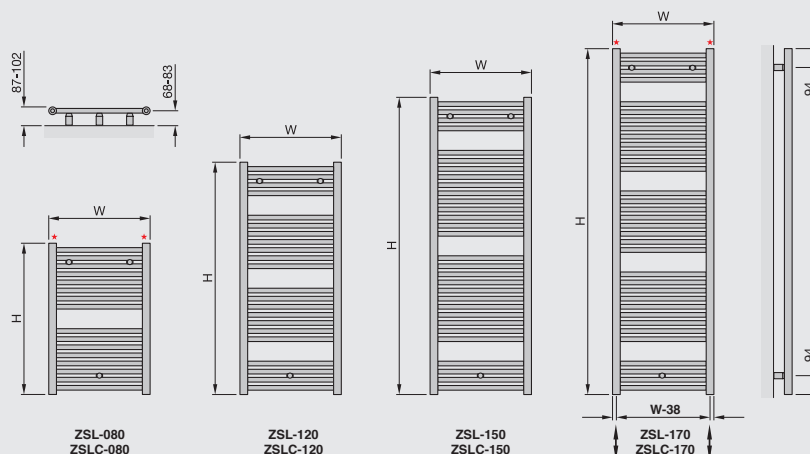
 Dual Energy: Self Fit - Additional cost to Central Heating model prices see page 70 for details

 **Colour finish:** Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 + 25%. Colour finish and non-stock products delivery: 3-5 weeks.

*White (RAL 9016)

*1/2" air vent
† width excludes air vent
F = flow
R = return
Tube: Horizontal Ø 23mm
Vertical Ø 38mm

Air vent can be moved either side depending on flow position.



The complete  compliant technical specifications can be found between pages 71 and 79.

Zehnder Klaro



A popular towel drying ladder rail available from stock in three contemporary colours, giving approximately 35% more output than chrome plus greater originality in bathroom design. It can be fitted with an immersion heater for use when the central heating system is not in use. (See page 70 for details).



ZSLC-120-050 CHROME 0008



Zehnder recommends VALVE-SET-1-CR. For more information see page 70.



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ZSL-120-050-0336 VOLCANIC 0336

Height mm	Width mm	Finish	Simple electric immersion heater Class II IPX4 Zones 1 and 2			DBM immersion heater Class II IPX4 Zones 1 and 2		
			Model STOCK highlighted	Electric rating	RRP (ex VAT)	Model Stock highlighted	Electric rating	RRP (ex VAT)
 Zehnder Klaro electric only models (with a choice of either a simple immersion heater (no controls) or the DBM immersion heater)								
748	450	white*	ZSLE-080-045/F	200	£270	ZSLE-080-045/DF	300	£340
748	500	white*	ZSLE-080-050/F	400	£274	ZSLE-080-050/DF	300	£344
748	600	white*	ZSLE-080-060/F	400	£283			
1148	500	white*	ZSLE-120-050/F	400	£299	ZSLE-120-050/DF	500	£369
1148	600	white*	ZSLE-120-060/F	500	£311	ZSLE-120-060/DF	600	£381
1708	500	white*	ZSLE-170-050/F	600	£363			
748	500	chrome	ZSLEC-080-050/F	200	£434	ZSLEC-080-050/DF	200	£504
748	600	chrome	ZSLEC-080-060/F	200	£459	ZSLEC-080-060/DF	300	£529
1148	500	chrome	ZSLEC-120-050/F	400	£517	ZSLEC-120-050/DF	300	£587
1148	600	chrome	ZSLEC-120-060/F	400	£550	ZSLEC-120-060/DF	300	£620
1708	500	chrome	ZSLEC-170-050/F	400	£702	ZSLEC-170-050/DF	500	£772
1708	600	chrome	ZSLEC-170-060/F	500	£750	ZSLEC-170-060/DF	600	£820

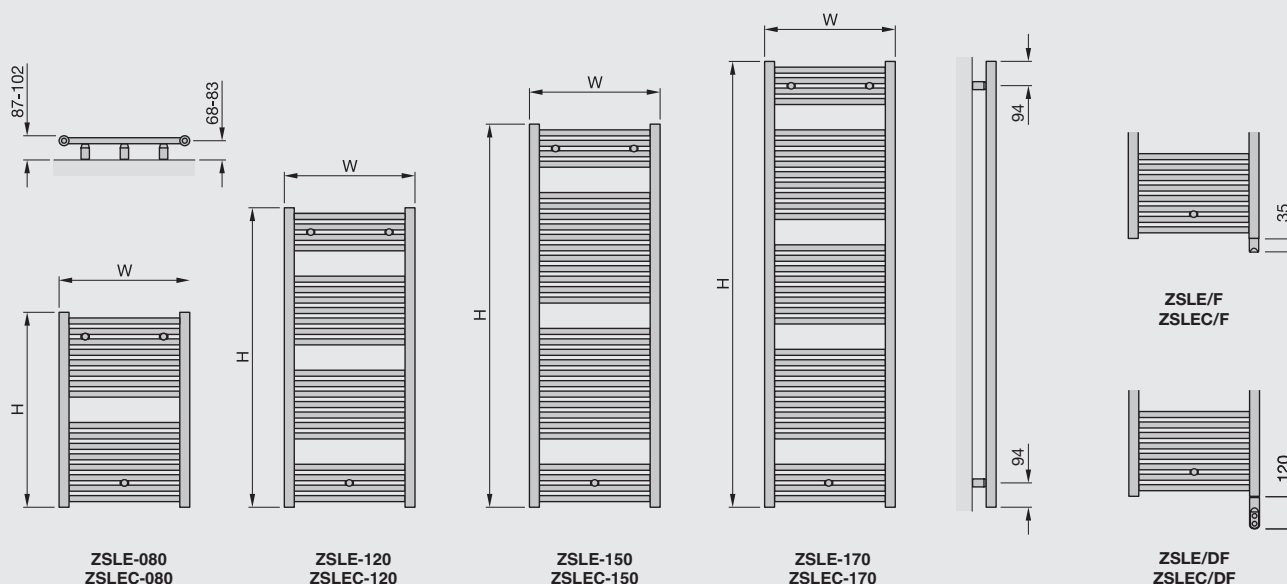
*White (RAL 9016)

When using the simple immersion heater, mount the radiators with the immersion heater to the left or right as required.
The DBM immersion is factory fitted to the right hand side. If required on the left, the control unit can be rotated to face forward. A grub screw on the back of the immersion can be loosened, the control turned to face forward, then the grub screw tightened. The radiator can be mounted accordingly.

Note: Height does not include the immersion heater. (See diagrams below)

 **Colour finish:** Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 + 25%. Colour finish and non-stock products delivery: 3-5 weeks.

H = height
W = width
Tube: Horizontal Ø 23mm
Tube: Vertical Ø 38mm
All dimensions in mm

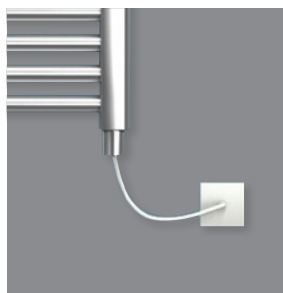


Zehnder Klaro Electric

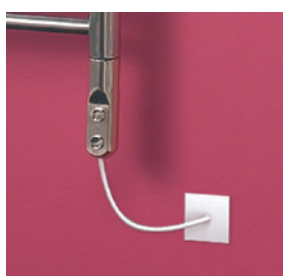


The Klaro Electric towel rail will keep towels warm and fluffy all year round. It's a practical solution and makes a stylish addition to any bathroom.

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Simple Immersion



DBM Immersion

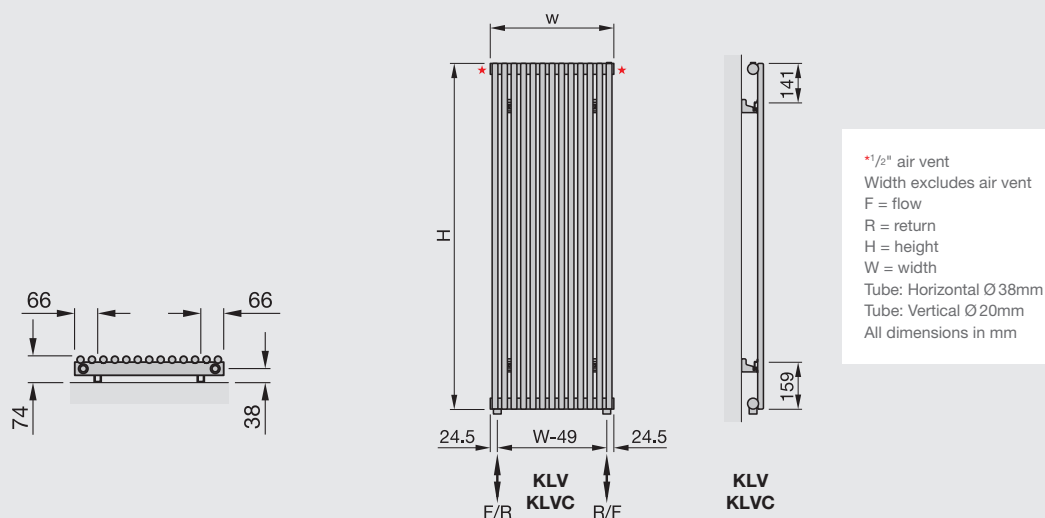


Central Heating Model STOCK listed in black	Height mm	Width mm	Number of tubes	Finish	Output $\Delta T=50^{\circ}\text{C}$ Watts/btu All outputs certified to EN 442	Radiator pipe centres mm	RRP (ex VAT)
Zehnder Kleo vertical single panel							
KLVC-180-030	1800	299	9	white*	632/2156	248	£233
KLVC-180-040	1800	398	12	white*	842/2874	347	£284
KLVC-180-050	1800	497	15	white*	1053/3593	446	£335
KLVC-180-060	1800	596	18	white*	1264/4313	545	£386
KLVC-180-030	1800	299	9	chrome	448/1529	248	£437
KLVC-180-040	1800	398	12	chrome	598/2040	347	£533
KLVC-180-050	1800	497	15	chrome	747/2549	446	£629
KLVC-180-060	1800	596	18	chrome	896/3057	545	£725

The KLV can also be installed horizontally with TBSE connections on either side.

*White (RAL 9016)

Colour finish: Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 + 25%. Colour finish and non-stock products delivery: 3-5 weeks.

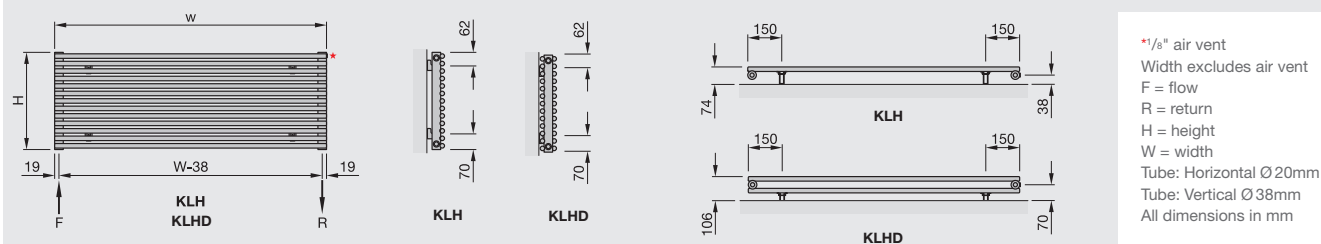


Central Heating Model STOCK listed in black	Height mm	Width mm	Number of tubes	Finish	Output $\Delta T=50^{\circ}\text{C}$ Watts/btu All outputs certified to EN 442	Radiator pipe centres mm	RRP (ex VAT)
Zehnder Kleo horizontal single panel							
KLH-058-100	596	998	18	white*	782/2668	962	£299
KLH-058-120	596	1198	18	white*	938/3201	1162	£327
KLH-058-140	596	1398	18	white*	1095/3736	1362	£355
Zehnder Kleo horizontal double panel							
KLHD-058-100	596	998	18	white*	1211/4134	962	£523
KLHD-058-120	596	1198	18	white*	1453/4961	1162	£572
KLHD-058-140	596	1398	18	white*	1695/5787	1362	£621

Made to Measure sizes available (excluding chrome KLHD models)

*White (RAL 9016)

Colour finish: Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 + 25%. Colour finish and non-stock products delivery: 3-5 weeks.



The complete compliant technical specifications can be found between pages 71 and 79.

Zehnder Kleo



A contemporary tubular column radiator in vertical and horizontal orientations, supplied from stock in a RAL 9016 white finish or stylish, modern chrome.



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EN 442 CE

KLVD-180-17 VOLCANIC 0336 as a room divider. Available on request.



Zehnder recommends VALVE-SET-1-CR.
For more information see page 70.



EN 442 CE

**Zehnder Kleo (KLV) vertical**

Width		Model Code / Height (mm)								
(mm)	No of tubes	KLV-060 600	KLV-080 800	KLV-100 1000	KLV-120 1200	KLV-140 1400	KLV-160 1600	KLV-180 1800	KLV-200 2000	KLV-220 2200
266	8	£144.00	£156.00	£168.00	£180.00	£192.00	£204.00	£216.00	£228.00	£244.00
332	10	£160.00	£175.00	£190.00	£205.00	£220.00	£235.00	£250.00	£265.00	£285.00
398	12	£176.00	£194.00	£212.00	£230.00	£248.00	£266.00	£284.00	£302.00	£326.00
464	14	£192.00	£213.00	£234.00	£255.00	£276.00	£297.00	£318.00	£339.00	£367.00
530	16	£208.00	£232.00	£256.00	£280.00	£304.00	£328.00	£352.00	£376.00	£408.00
596	18	£224.00	£251.00	£278.00	£305.00	£332.00	£359.00	£386.00	£413.00	£449.00
662	20	£240.00	£270.00	£300.00	£330.00	£360.00	£390.00	£420.00	£450.00	£490.00
728	22	£256.00	£289.00	£322.00	£355.00	£388.00	£421.00	£454.00	£487.00	£531.00
794	24	£272.00	£308.00	£344.00	£380.00	£416.00	£452.00	£488.00	£524.00	£572.00
860	26	£288.00	£327.00	£366.00	£405.00	£444.00	£483.00	£522.00	£561.00	£613.00
926	28	£304.00	£346.00	£388.00	£430.00	£472.00	£514.00	£556.00	£598.00	£654.00
992	30	£320.00	£365.00	£410.00	£455.00	£500.00	£545.00	£590.00	£635.00	£695.00
1058	32	£336.00	£384.00	£432.00	£480.00	£528.00	£576.00	£624.00	£672.00	£736.00
1124	34	£352.00	£403.00	£454.00	£505.00	£556.00	£607.00	£658.00	£709.00	£777.00
1190	36	£368.00	£422.00	£476.00	£530.00	£584.00	£638.00	£692.00	£746.00	£818.00
1256	38	£384.00	£441.00	£498.00	£555.00	£612.00	£669.00	£726.00	£783.00	£859.00
1322	40	£400.00	£460.00	£520.00	£580.00	£640.00	£700.00	£760.00	£820.00	£900.00
Technical data per tube	Output 50ΔT Watts/BTU	26/89	34/116	41/140	49/167	56/191	63/215	70/239	78/266	85/290

Output calculation example 50Δt (watts): 10 tubes x 1800 high: 10 x 70 = 700w

**Zehnder Kleo (KLH) horizontal**

Model Code	Height		Technical Data Per Metre	Width (mm)								
	(mm)	No of tubes	Output 50ΔT Watts/BTU	600	800	1000	1200	1400	1600	1800	2000	2200
KLH-038	398	12	515/1757	£189.20	£207.60	£226.00	£244.40	£262.80	£281.20	£299.60	£318.00	£336.40
KLH-045	464	14	611/2085	£207.40	£229.20	£251.00	£272.80	£294.60	£316.40	£338.20	£360.00	£381.80
KLH-052	530	16	697/2378	£222.20	£246.60	£271.00	£295.40	£319.80	£344.20	£368.60	£393.00	£417.40
KLH-058	596	18	782/2668	£243.00	£271.00	£299.00	£327.00	£355.00	£383.00	£411.00	£439.00	£467.00
KLH-065	662	20	867/2958	£259.40	£290.20	£321.00	£351.80	£382.60	£413.40	£444.20	£475.00	£505.80
KLH-071	728	22	951/3245	£277.00	£311.00	£345.00	£379.00	£413.00	£447.00	£481.00	£515.00	£549.00
KLH-078	794	24	1034/3528	£295.60	£332.80	£370.00	£407.20	£444.40	£481.60	£518.80	£556.00	£593.20
KLH-085	860	26	1117/3811	£313.60	£353.80	£394.00	£434.20	£474.40	£514.60	£554.80	£595.00	£635.20
KLH-091	926	28	1200/4094	£330.60	£373.80	£417.00	£460.20	£503.40	£546.60	£589.80	£633.00	£676.20
KLH-098	992	30	1282/4374	£346.60	£392.80	£439.00	£485.20	£531.40	£577.60	£623.80	£670.00	£716.20
KLH-104	1058	32	1364/4654	£366.20	£415.60	£465.00	£514.40	£563.80	£613.20	£662.60	£712.00	£761.40
KLH-111	1124	34	1445/4930	£383.80	£436.40	£489.00	£541.60	£594.20	£646.80	£699.40	£752.00	£804.60
KLH-118	1190	36	1526/5207	£400.20	£455.60	£511.00	£566.40	£621.80	£677.20	£732.60	£788.00	£843.40

Output calculation example 50Δt (watts): 20 tubes x 1400 long: 1.4 x 867 = 1214w



Colour finish: Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 + 25%. Colour finish and non-stock products delivery: 3-5 weeks.

Prices for single panel Kleo in Chrome finish. Multiply the prices above for the relevant sizes by 1.86

Prices for Kleo double tubed. Multiply the prices above for the relevant sizes by 1.75

Double panels not available in Chrome finish

Room divider kit for vertical single panel (KLV) £80.00

Details on intermediate sizes are available on request (1-20 tubes)

All prices exclude VAT.

Zehnder Kleo

Made to Measure



Made to Measure options with single or double tubes are available for both the horizontal and vertical Kleo.



Made to Measure



KLH-042 TRAFFIC WHITE 9016



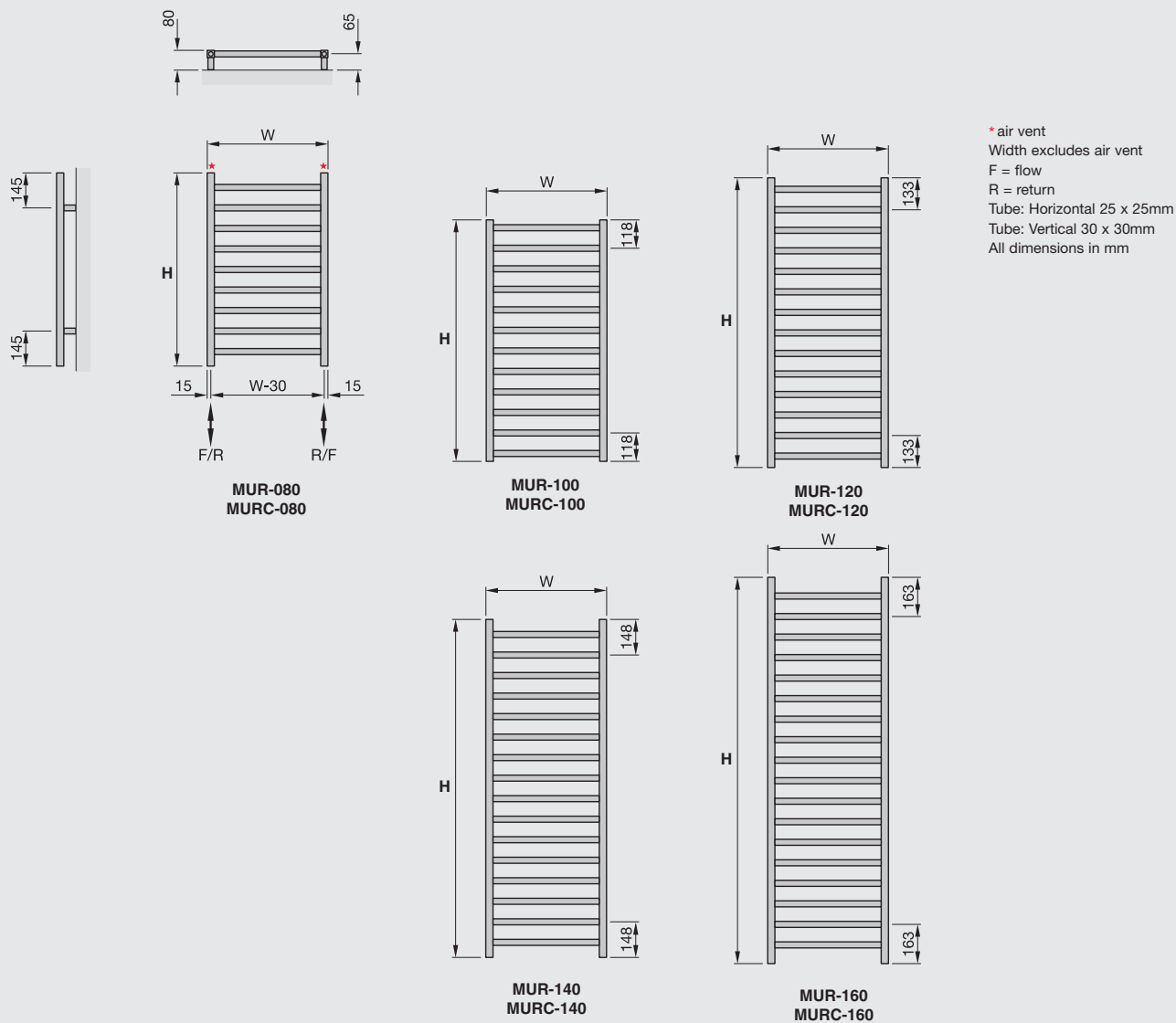
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Central Heating Model STOCK listed in black	Height mm	Width mm	Finish	Output $\Delta T=50K$ Watts/Btu All outputs certified to EN 442	Max. Immersion rating Watts*	RRP (ex VAT)
 Zehnder Muralis						
MUR-080-050-0346	800	500	anthracite	306/1044	200	£218
MUR-100-050-0346	1000	500	anthracite	384/1310	200	£253
MUR-120-050-0346	1200	500	anthracite	461/1573	300	£287
MUR-140-050-0346	1400	500	anthracite	537/1832	300	£315
MUR-160-050-0346	1600	500	anthracite	612/2088	400	£348
MURC-080-050	800	500	chrome	197/672	150/120	£228
MURC-100-050	1000	500	chrome	249/850	200	£258
MURC-120-050	1200	500	chrome	301/1027	200	£311
MURC-140-050	1400	500	chrome	346/1181	200	£362
MURC-160-050	1600	500	chrome	391/1334	300	£416

* Rating for simple immersion/CTEC or CTEW Max. working pressure: 4 bar

 Dual Energy: Self Fit - Additional cost to Central Heating model prices see page 70 for details



Zehnder Muralis



A modern, attractive, towel radiator with evenly spaced square tubes, the Zehnder Muralis is suitable for fitting with a dual energy electric immersion heater for use when the central heating system is not operating. (See page 70 for details).



MURC-100-050 CHROME 0008



Zehnder recommends VALVE-SET-1-CR. For more information see page 70.

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MUR-100-050-0346 ANTHRACITE 0346

Central Heating Model STOCK listed in black	Height mm	Width mm	Overall projection	Finish	Number of tubes	Output $\Delta T=50^{\circ}\text{C}$ Watts/btu All outputs certified to EN 442	RRP (ex VAT)
 Zehnder Roda Vertical Single panel							
ROV-180-029	1800	296	70	white*	4	568/1938	£225
ROV-180-037	1800	370	70	white*	5	710/2423	£263
ROV-180-044	1800	444	70	white*	6	852/2907	£301
ROV-180-051	1800	518	70	white*	7	994/3392	£339
ROV-180-059	1800	592	70	white*	8	1136/3876	£377
ROV-180-066	1800	666	70	white*	9	1278/4361	£415

 Zehnder Roda Vertical Double panel							
ROVD-180-029	1800	296	93	white*	4	836/2853	£364
ROVD-180-037	1800	370	93	white*	5	1045/3566	£433
ROVD-180-044	1800	444	93	white*	6	1254/4279	£502
ROVD-180-051	1800	518	93	white*	7	1463/4992	£571
ROVD-180-059	1800	592	93	white*	8	1672/5705	£640
ROVD-180-066	1800	666	93	white*	9	1881/6418	£709

ROV & ROVD can be installed horizontally with TBSE connections either side.

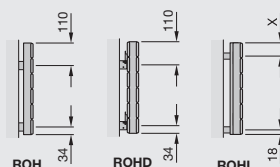
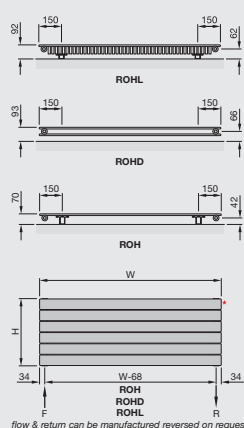
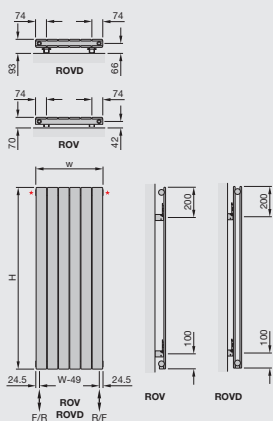
Central Heating Model STOCK listed in black	Height mm	Width mm	Overall projection	Finish	Number of tubes	Output $\Delta T=50^{\circ}\text{C}$ Watts/btu All outputs certified to EN 442	RRP (ex VAT)
 Zehnder Roda Horizontal Single panel							
ROH-059-060	592	600	70	white*	8	399/1361	£205
ROH-059-080	592	800	70	white*	8	532/1815	£231
ROH-059-100	592	1000	70	white*	8	665/2269	£257
ROH-059-120	592	1200	70	white*	8	798/2723	£283
ROH-059-140	592	1400	70	white*	8	931/3177	£309
ROH-059-160	592	1600	70	white*	8	1064/3630	£336

 Zehnder Roda Horizontal Single panel with single convector fin							
ROHL-059-060	592	600	92	white*	8	644/2197	£283
ROHL-059-080	592	800	92	white*	8	859/2931	£329
ROHL-059-100	592	1000	92	white*	8	1074/3665	£376
ROHL-059-120	592	1200	92	white*	8	1289/4398	£423
ROHL-059-140	592	1400	92	white*	8	1504/5132	£469
ROHL-059-160	592	1600	92	white*	8	1718/5862	£516

 Zehnder Roda Horizontal Double panel							
ROHD-059-060	592	600	93	white*	8	641/2187	£336
ROHD-059-080	592	800	93	white*	8	855/2917	£380
ROHD-059-100	592	1000	93	white*	8	1069/3648	£425
ROHD-059-120	592	1200	93	white*	8	1283/4378	£470
ROHD-059-140	592	1400	93	white*	8	1497/5108	£514
ROHD-059-160	592	1600	93	white*	8	1710/5835	£559

*White (RAL 9016)

 **Colour finish:** Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 + 25%. Colour finish and non-stock products delivery: 3-5 weeks.



*1/8" air vent
Width excludes air vent
F = flow
R = return
H = height
W = width
Tube dimensions 70mm x 11mm
Vertical tubes: Ø 38mm
All dimensions in mm

X = Variation in radiator height.
2 - 4 tubes tall = 35mm
5 tubes tall = 109mm
6 tubes tall = 55mm
7 tubes tall = 129mm
8 tubes tall = 63mm

flow & return can be manufactured reversed on request

The complete  compliant technical specifications can be found between pages 71 and 79.

Zehnder Roda



A perfect example of a simple & classic radiator, the Zehnder Roda is efficient enough for all living areas and adds a touch of style to any space.



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will be applied to
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1st August 2021

ROVD-180-029-TRAFFIC WHITE 9016



RODA curved



Zehnder recommends VALVE-SET-2-CR.
For more information see page 70.



ROHD-044-100 VOLCANIC 0336. SEE PAGE 50 for made to measure options.

 Zehnder Roda (ROV) vertical, single panel white

Width		Model Code / Height (mm)								
(mm)	No of tubes	ROV-060 600	ROV-080 800	ROV-100 1000	ROV-120 1200	ROV-140 1400	ROV-160 1600	ROV-180 1800	ROV-200 2000	ROV-220 2200
296	4	£147.00	£157.00	£172.00	£182.00	£200.00	£214.00	£225.00	£240.00	£255.00
370	5	£169.00	£181.00	£199.00	£211.00	£233.00	£250.00	£263.00	£281.00	£299.00
444	6	£191.00	£205.00	£226.00	£240.00	£266.00	£286.00	£301.00	£322.00	£343.00
518	7	£213.00	£229.00	£253.00	£269.00	£299.00	£322.00	£339.00	£363.00	£387.00
592	8	£235.00	£253.00	£280.00	£298.00	£332.00	£358.00	£377.00	£404.00	£431.00
666	9	£257.00	£277.00	£307.00	£327.00	£365.00	£394.00	£415.00	£445.00	£475.00
740	10	£279.00	£301.00	£334.00	£356.00	£398.00	£430.00	£453.00	£486.00	£519.00
Technical data per tube	Output 50ΔT Watts/BTU	52/177	68/232	83/283	98/334	113/386	127/433	142/485	157/536	173/590

Output calculation example 50Δt (watts): 1800H x 592W: 142 x 8 = 1136 Watts

 Zehnder Roda (ROVD) vertical, double panel white

Width		Model Code / Height (mm)								
(mm)	No of tubes	ROVD-060 600	ROVD-080 800	ROVD-100 1000	ROVD-120 1200	ROVD-140 1400	ROVD-160 1600	ROVD-180 1800	ROVD-200 2000	ROVD-220 2200
296	4	£218.00	£246.00	£269.00	£291.00	£314.00	£337.00	£364.00	£390.00	£412.00
370	5	£255.00	£289.00	£317.00	£344.00	£372.00	£400.00	£433.00	£465.00	£492.00
444	6	£292.00	£332.00	£365.00	£397.00	£430.00	£463.00	£502.00	£540.00	£572.00
518	7	£329.00	£375.00	£413.00	£450.00	£488.00	£526.00	£571.00	£615.00	£652.00
592	8	£366.00	£418.00	£461.00	£503.00	£546.00	£589.00	£640.00	£690.00	£732.00
666	9	£403.00	£461.00	£509.00	£556.00	£604.00	£652.00	£709.00	£765.00	£812.00
740	10	£440.00	£504.00	£557.00	£609.00	£662.00	£715.00	£778.00	£840.00	£892.00
Technical data per tube	Output 50ΔT Watts/BTU	78/266	100/341	122/416	144/491	166/566	187/638	209/713	231/788	253/863

Output calculation example 50Δt (watts): 1800H x 592W: 206 x 8 = 1648 Watts

 Zehnder Roda (ROH) horizontal, single panel white

Model Code	Height		Technical data per metre	Width (mm)								
	(mm)	No of tubes	Output 50ΔT Watts/BTU	600	800	1000	1200	1400	1600	1800	2000	2200
ROH-030	296	4	344/1174	£115.60	£128.80	£142.00	£155.20	£168.40	£181.60	£194.80	£208.00	£221.20
ROH-037	370	5	425/1450	£136.20	£152.60	£169.00	£185.40	£201.80	£218.20	£234.60	£251.00	£267.40
ROH-044	444	6	505/1723	£161.00	£181.00	£201.00	£221.00	£241.00	£261.00	£281.00	£301.00	£321.00
ROH-052	518	7	587/2003	£180.40	£203.20	£226.00	£248.80	£271.60	£294.40	£317.20	£340.00	£362.80
ROH-060	592	8	665/2269	£204.60	£230.80	£257.00	£283.20	£309.40	£335.60	£361.80	£388.00	£414.20
ROH-067	666	9	744/2537	£226.20	£255.60	£285.00	£314.40	£343.80	£373.20	£402.60	£432.00	£461.40
ROH-074	740	10	823/2806	£247.40	£280.20	£313.00	£345.80	£378.60	£411.40	£444.20	£477.00	£509.80

Output calculation example 50Δt (watts): 518H x 1200W = 586 x 1.2 = 703 Watts

 Zehnder Roda (ROHD) horizontal double panel, white

Model Code	Height		Technical data per metre	Width (mm)								
	(mm)	No of tubes	Output 50ΔT Watts/BTU	600	800	1000	1200	1400	1600	1800	2000	2200
ROHD-030	296	4	591/2016	£189.40	£213.20	£237.00	£260.80	£284.60	£308.40	£332.20	£356.00	£379.80
ROHD-037	370	5	715/2440	£224.40	£253.20	£282.00	£310.80	£339.60	£368.40	£397.20	£426.00	£454.80
ROHD-044	444	6	835/2849	£260.40	£294.20	£328.00	£361.80	£395.60	£429.40	£463.20	£497.00	£530.80
ROHD-052	518	7	953/3252	£296.40	£335.20	£374.00	£412.80	£451.60	£490.40	£529.20	£568.00	£606.80
ROHD-060	592	8	1069/3647	£335.80	£380.40	£425.00	£469.60	£514.20	£558.80	£603.40	£648.00	£692.60
ROHD-067	666	9	1183/4036	£366.00	£415.00	£464.00	£513.00	£562.00	£611.00	£660.00	£709.00	£758.00
ROHD-074	740	10	1295/4419	£402.00	£456.00	£510.00	£564.00	£618.00	£672.00	£726.00	£780.00	£834.00

Output calculation example 50Δt (watts): 518H x 1200W: 953 x 1.2 =1144 Watts

 **Colour finish:** Standard colours from the Zehnder colour chart including matt white finish: white RAL 9016 + 25%. Colour finish and non-stock products delivery: 3-5 weeks.

Optional side cover (Vertical models)

ROV model side cover £78.00 per radiator
ROVD model side cover £112.00 per radiator

Optional grille (Horizontal ROHD models)

ROHD model grille £77.00 per metre

Optional welded on feet (all models)

Round feet adjustable height (100-150 mm) and cover FC100 £78.00 per radiator
Round feet adjustable height (150-200 mm) and cover FC200 £84.00 per radiator
Round feet adjustable height (200-250 mm) and cover FC250 £90.00 per radiator

Details on intermediate sizes are available on request (1-20tubes)

All prices exclude VAT.

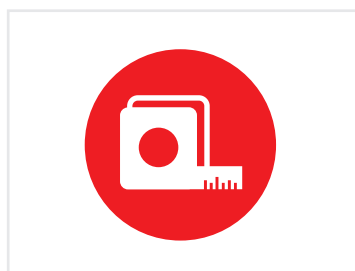
The complete  compliant technical specifications can be found between pages 71 and 79.

Zehnder Roda

Made to Measure



Made to Measure Roda radiators are easy and quick to order. They are simple, effective and efficient decorative radiators, available in either horizontal or vertical version, and perfect for all living areas.



Made to Measure



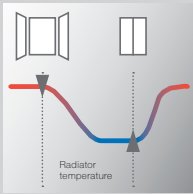
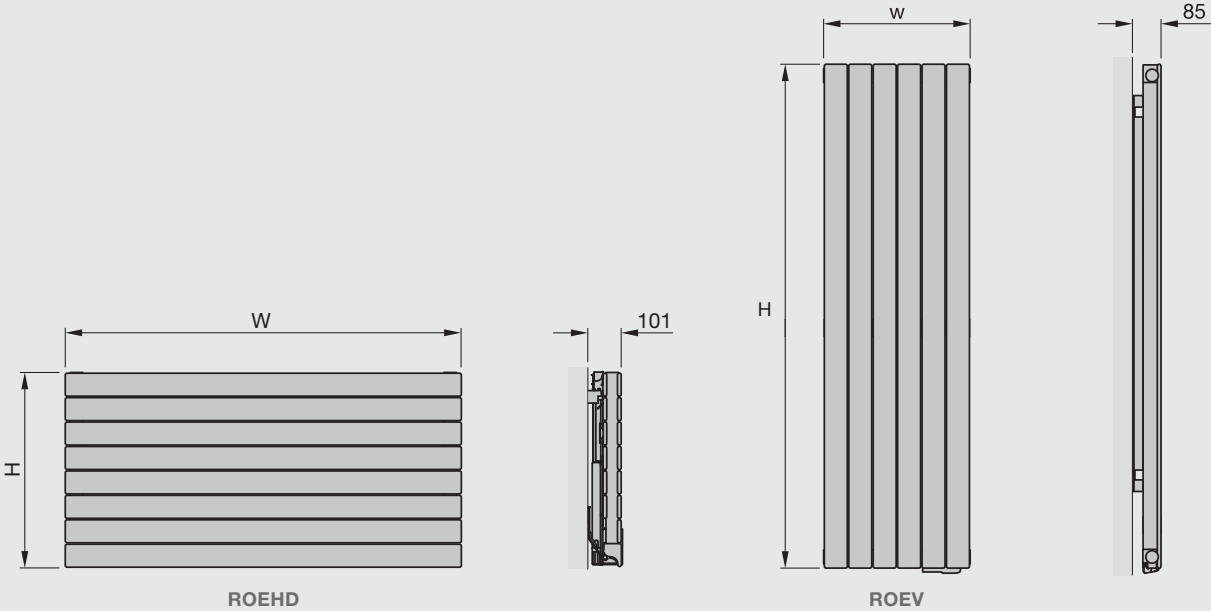
ROHD-059-080-GREY ALUMINIUM 9007



Please note
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Central Heating Model STOCK listed in black	Height mm	Width mm	Finish	No. of tubes	Watts Radio frequency remote programmer Zone 1 Bath, Zone 2 Shower, Class II	Weight kg	RRP (ex VAT)
 Zehnder Roda Electric Vertical							
ROEV150-040/GF	1517	370	white	5	750	24	£947
ROEV180-045/GF	1817	444	white	6	1000	32	£1,026
ROEV180-060/GF	1817	592	white	8	1500	40	£1,124
 Zehnder Roda Electric Horizontal							
ROEHD040-080/GF	444	800	white	6	750	21.5	£792
ROEHD060-080/GF	592	800	white	8	1000	28.7	£832
ROEHD040-110/GF	444	1100	white	6	1000	28.3	£896
ROEHD060-110/GF	592	1100	white	8	1250	38.5	£846
ROEHD040-150/GF	444	1500	white	6	1500	37.7	£902
ROEHD060-130/GF	592	1300	white	8	1500	44.8	£943
ROEHD060-150/GF	592	1500	white	8	2000	50.4	£982

 **Colour finish:** Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 + 25%. Colour finish and non-stock products delivery: 3-5 weeks.



Open Window detection

The Integral control unit recognises if a window has been opened for an extended period and switches the radiator off. Once the window is closed, the radiator returns to normal operation.

- Temperature changes are quickly recognised via the external temperature sensor.
- The integral thermostat proactively reacts to sensor information; delivering the perfect indoor climate.
- Intuitive radiator which automatically switches off if a window is open for an extended period .
- An intelligent heating solution which lowers costs and energy consumption.

H = height
W = width
All dimensions in mm

Zehnder Roda Electric



The Electric Roda range of efficient decorative radiators, are available in horizontal or vertical versions, perfect for all living areas.



ROEHD040-110/GF VOLCANIC 0336



Electric Option
Radio frequency remote
programmer, see page 6.

**eco
DESIGN**

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ROEV150-040/GF PERGAMON 0081

Central Heating Model STOCK listed in black	Height mm	Width mm	Finish	No. of tubes	Output $\Delta T=50^{\circ}\text{C}$ Watts/btu All outputs certified to EN 442	Dual Fuel Immersion Rating in Watts**	RRP (ex VAT)
Zehnder Roda Spa							
RO-060-100	667	1000	white*	8	656/2238	400	£495
RO-070-050	741	500	white*	8	377/1286	250/200	£359
RO-100-050	1037	500	white*	11	504/1720	300	£426
RO-120-050	1259	500	white*	13	583/1989	400	£471
RO-150-050	1481	500	white*	16	691/2358	500/400	£568
RO-180-050	1851	500	white*	20	817/2788	500/400	£690
RO-180-060	1851	600	white*	20	980/3344	600	£718
RO-180-080	1851	800	white*	20	1307/4460	900/600	£879
RO-070-050-0346	741	500	anthracite	8	377/1286	250/200	£449
RO-120-050-0346	1259	500	anthracite	13	583/1989	400	£589
RO-150-050-0346	1481	500	anthracite	16	691/2358	500/400	£710

*White (RAL 9016)

** Rating for simple immersion/CTEC or CTEW Max. working pressure: 4 bar

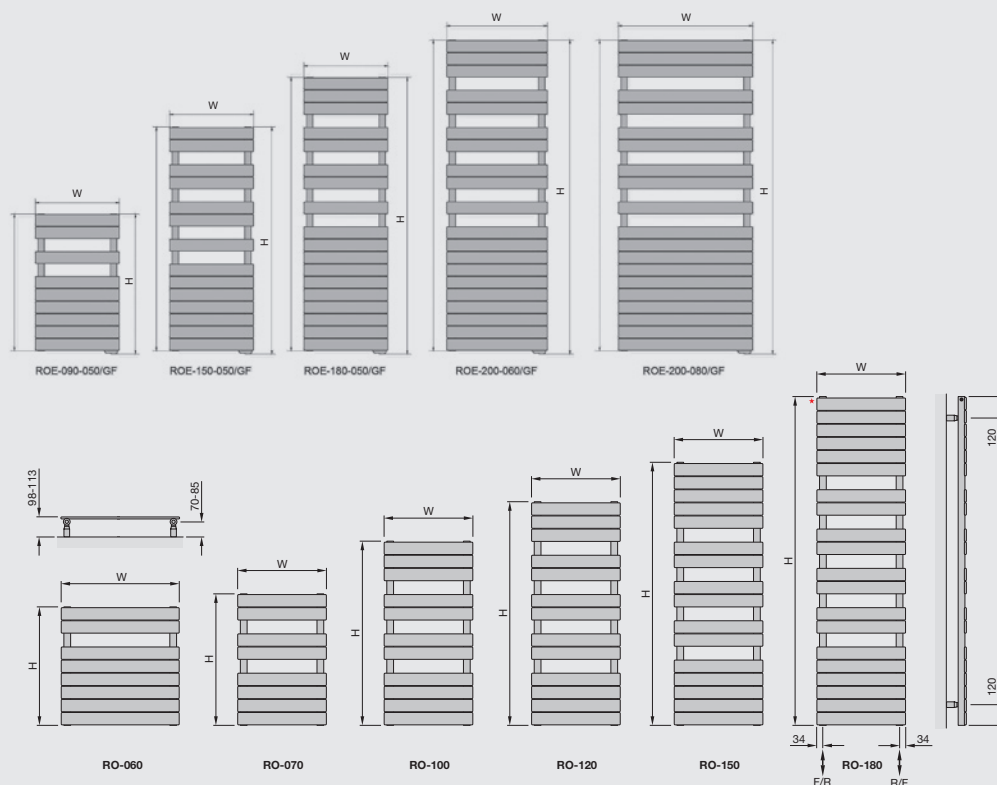
Dual Energy: Self Fit - Additional cost to Central Heating model prices see page 70 for details

Electric Heating Model	Height mm	Width mm	Finish	No. of tubes	Watts Radio frequency remote programmer IPX4 Zone 1 Bath, Zone 2 Shower, Class II	RRP (ex VAT)
Zehnder Roda Spa Electric						
ROE-090-050/GF	835	500	white*	9	500	£606
ROE-150-050/GF	1353	500	white*	14	750	£747
ROE-180-050/GF	1649	500	white*	18	1000	£818
ROE-200-060/GF	1871	600	white*	20	1250	£896
ROE-200-080/GF	1871	800	white*	20	1500	£998

*White (RAL 9016)

Note: Height includes immersion heater (See diagrams below).

Colour finish: Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 + 25%. Colour finish and non-stock products delivery: 3-5 weeks.



The complete **CE** compliant technical specifications can be found between pages 71 and 79.

Zehnder Roda Spa



The Roda Spa combines practicality and contemporary design and a high heat output that will warm even the largest of bathrooms.



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EN 442 CE

ROE-200-060/GF PACIFIC BLUE 0519



RO-180-060 TRAFFIC WHITE 9016



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DESIGN

Electric Option
Radio frequency remote
programmer, see page 6.



EN 442 CE

RO-060-100 TRAFFIC WHITE 9016

ROFL-080-055	805	550	white*	9	429/1464	300	£380
ROFL-120-055	1183	550	white*	13	594/2027	400	£471
ROFL-170-055	1676	550	white*	18	809/2760	500/400	£630
ROFR-080-055	805	550	white*	9	429/1464	300	£380
ROFR-120-055	1183	550	white*	13	594/2027	400	£471
ROFR-170-055	1676	550	white*	18	809/2760	500/400	£630
ROFL-080-055-0336	805	550	volcanic	9	429/1464	300	£475
ROFL-120-055-0336	1183	550	volcanic	13	594/2027	400	£589
ROFL-170-055-0336	1676	550	volcanic	18	809/2760	500/400	£788
ROFR-080-055-0336	805	550	volcanic	9	429/1464	300	£475
ROFR-120-055-0336	1183	550	volcanic	13	594/2027	400	£589
ROFR-170-055-0336	1676	550	volcanic	18	809/2760	500/400	£788
ROFL-080-055-0523	805	550	beige quartz	9	429/1464	300	£475
ROFL-120-055-0523	1183	550	beige quartz	13	594/2027	400	£589
ROFL-170-055-0523	1676	550	beige quartz	18	809/2760	500/400	£788
ROFR-080-055-0523	805	550	beige quartz	9	429/1464	300	£475
ROFR-120-055-0523	1183	550	beige quartz	13	594/2027	400	£589
ROFR-170-055-0523	1676	550	beige quartz	18	809/2760	500/400	£788
ROFL-080-055-0529	805	550	brown quartz	9	429/1464	300	£475
ROFL-120-055-0529	1183	550	brown quartz	13	594/2027	400	£589
ROFL-170-055-0529	1676	550	brown quartz	18	809/2760	500/400	£788
ROFR-080-055-0529	805	550	brown quartz	9	429/1464	300	£475
ROFR-120-055-0529	1183	550	brown quartz	13	594/2027	400	£589
ROFR-170-055-0529	1676	550	brown quartz	18	809/2760	500/400	£788

** Rating for simple immersion/CTEC or CTEW Max. working pressure: 4 bar

 Colour finish: Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 + 25%. Colour finish and non-stock products delivery: 3-5 weeks.



The complete **CE** compliant technical specifications can be found between pages 71 and 79.

Zehnder Roda Spa Asym



The Roda Spa Asym is a highly functional and stylish towel rail with a practical asymmetrical design that allows towels to be hung easily. The central heating model is available with horizontal tubes facing either left or right, making it suitable for all bathroom designs.



ROFR-120-055 VOLCANIC 0336



ROFR-120-055 BEIGE QUARTZ 0523



ROFL-120-055 TRAFFIC WHITE 9016

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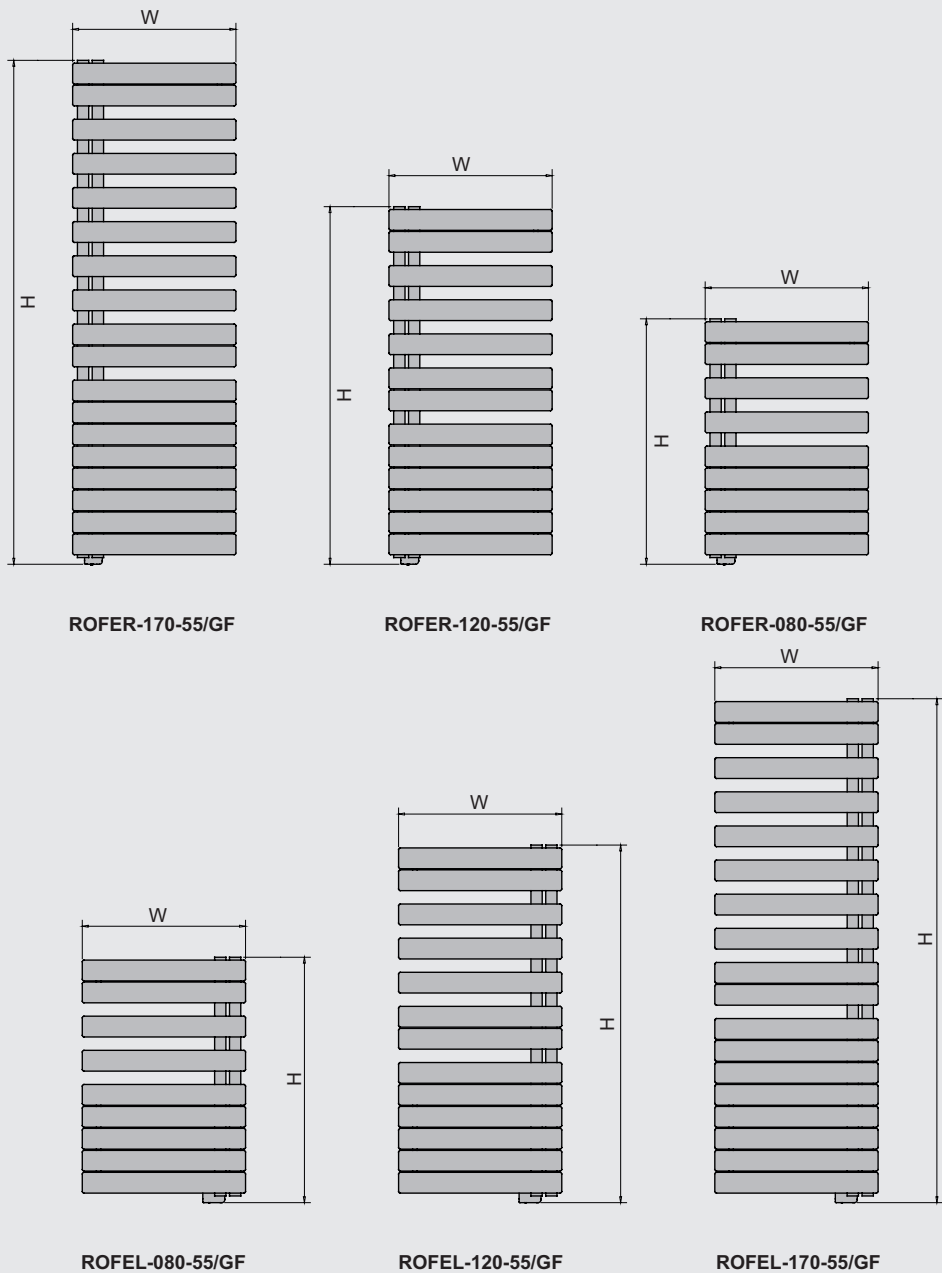
ROFR-120-055 BROWN QUARTZ 0529

Central Heating Model STOCK listed in black	Height mm	Width mm	Finish	No. of tubes	Watts Radio frequency remote programmer IPX4 Zone 1 Bath, Zone 2 Shower, Class II	RRP (ex VAT)
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 Zehnder Roda Spa Asym Electric						
ROFEL-080-55/GF	828	550	white*	9	500	£555
ROFEL-120-55/GF	1206	550	white*	13	750	£685
ROFEL-170-55/GF	1699	550	white*	18	1000	£806
ROFER-080-55/GF	828	550	white*	9	500	£555
ROFER-120-55/GF	1206	550	white*	13	750	£685
ROFER-170-55/GF	1699	550	white*	18	1000	£806

*White (RAL 9016)
Note: Height includes immersion heater. (See diagrams below)

 **Colour finish:** Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 + 25%. Colour finish and non-stock products delivery: 3-5 weeks.



Zehnder Roda Spa Asym Electric



The electric version of the Roda Spa Asym is a firm favourite due to its style and functionality.

Available in a variety of sizes suitable for bathrooms, cloakrooms and en-suites.



Electric Option
Radio frequency remote programmer, see page 6.



Electric Receiver

eco
DESIGN

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1st August 2021



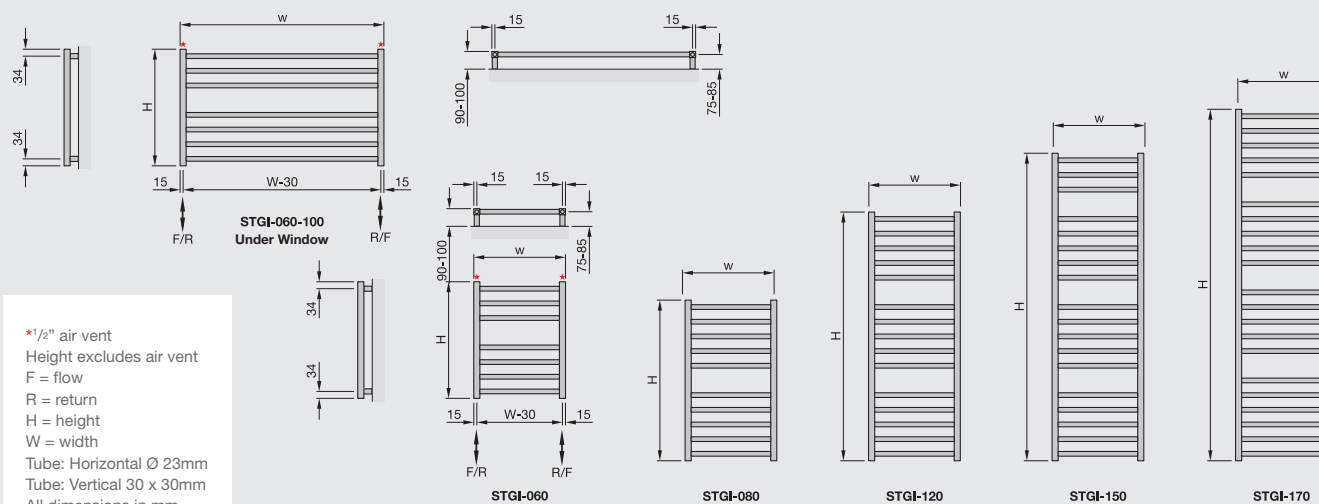
Central Heating Model STOCK listed in black	Height mm	Width mm	Finish	Output $\Delta T=50^{\circ}\text{C}$ Watts/btu All outputs certified to EN 442	Dual Fuel Immersion Rating in Watts**	RRP (ex VAT)
 Zehnder Stellar Spa Stainless Steel						
STGI-060-045	572	450	s/steel polished	161/549	100/n/a	£247
STGI-060-100	572	1000	s/steel polished	272/928	150/120	£443
STGI-080-030	788	300	s/steel polished	171/583	100/n/a	£248
STGI-080-045	788	450	s/steel polished	220/751	100/n/a	£297
STGI-080-050	788	500	s/steel polished	234/798	150/120	£314
STGI-080-060	788	600	s/steel polished	243/829	150/120	£349
STGI-120-030	1220	300	s/steel polished	240/819	150/120	£353
STGI-120-045	1220	450	s/steel polished	309/1054	200	£404
STGI-120-050	1220	500	s/steel polished	353/1204	250/200	£426
STGI-120-060	1220	600	s/steel polished	379/1293	250/200	£470
STGI-150-045	1508	450	s/steel polished	361/1232	300	£623
STGI-150-060	1508	600	s/steel polished	448/1529	300	£715
STGI-170-045	1724	450	s/steel polished	434/1481	200	£718
STGI-170-050	1724	500	s/steel polished	477/1628	300	£753
STGI-170-060	1724	600	s/steel polished	517/1764	300	£823
STGI-060-100-0557	572	1000	matt black	394/1344	250/200	£443
STGI-080-050-0557	788	500	matt black	313/1068	200	£314
STGI-080-060-0557	788	600	matt black	363/1239	250/200	£349
STGI-120-045-0557	1220	450	matt black	448/1529	300	£404
STGI-120-050-0557	1220	500	matt black	512/1747	300	£426
STGI-120-060-0557	1220	600	matt black	554/1890	300	£470
STGI-170-050-0557	1724	500	matt black	704/2402	500/400	£753
STGI-170-060-0557	1724	600	matt black	791/2699	500/400	£823
STGI-060-045-CF*	572	450	s/steel painted	219/747	150/120	£247
STGI-060-100-CF*	572	1000	s/steel painted	394/1344	250/200	£443
STGI-080-030-CF*	788	300	s/steel painted	218/744	150/120	£248
STGI-080-045-CF*	788	450	s/steel painted	294/1003	200	£297
STGI-080-050-CF*	788	500	s/steel painted	313/1068	200	£314
STGI-080-060-CF*	788	600	s/steel painted	363/1239	250/200	£349
STGI-120-030-CF*	1220	300	s/steel painted	332/1133	200	£353
STGI-120-045-CF*	1220	450	s/steel painted	448/1529	300	£404
STGI-120-050-CF*	1220	500	s/steel painted	512/1747	300	£426
STGI-120-060-CF*	1220	600	s/steel painted	554/1890	300	£470
STGI-150-045-CF*	1508	450	s/steel painted	556/1897	300	£623
STGI-150-060-CF*	1508	600	s/steel painted	687/2344	400	£715
STGI-170-045-CF*	1724	450	s/steel painted	640/2184	400	£718
STGI-170-050-CF*	1724	500	s/steel painted	704/2402	500/400	£753
STGI-170-060-CF*	1724	600	s/steel painted	791/2699	500/400	£823

*No price surcharge for colour finishes.

** Rating for simple immersion/CTEC or CTEW Max. working pressure: 10 bar

 Dual Energy: Self Fit - Additional cost to Central Heating model prices see page 70 for details

 **Colour finish:** Standard colours from the Zehnder Colour Chart at no extra cost. Delivery of colour finish and non-stock products: 4-6 weeks.



The complete  compliant technical specifications can be found between pages 71 and 79.

Zehnder Stellar Spa



The Stellar Spa is contemporary in design and its stainless steel finish suits the latest lifestyle trends. Ideal for wetrooms and suitable for dual energy installation for year-round comfort.



Please note
a 15% surcharge
will be applied to
all prices
displayed, on all
orders placed from
1st August 2021

EN 442 CE

STGI-170-060 MATT BLACK 0557



Suitable for dual energy installations.
See page 70 for details



STGI-080-045 STAINLESS
STEEL FINISH



Zehnder recommends VALVE-SET-2-CR.
For more information see page 70.



STAINLESS STEEL • STAINLESS STEEL
10
Year
Warranty
STAINLESS STEEL • STAINLESS STEEL

EN 442 CE

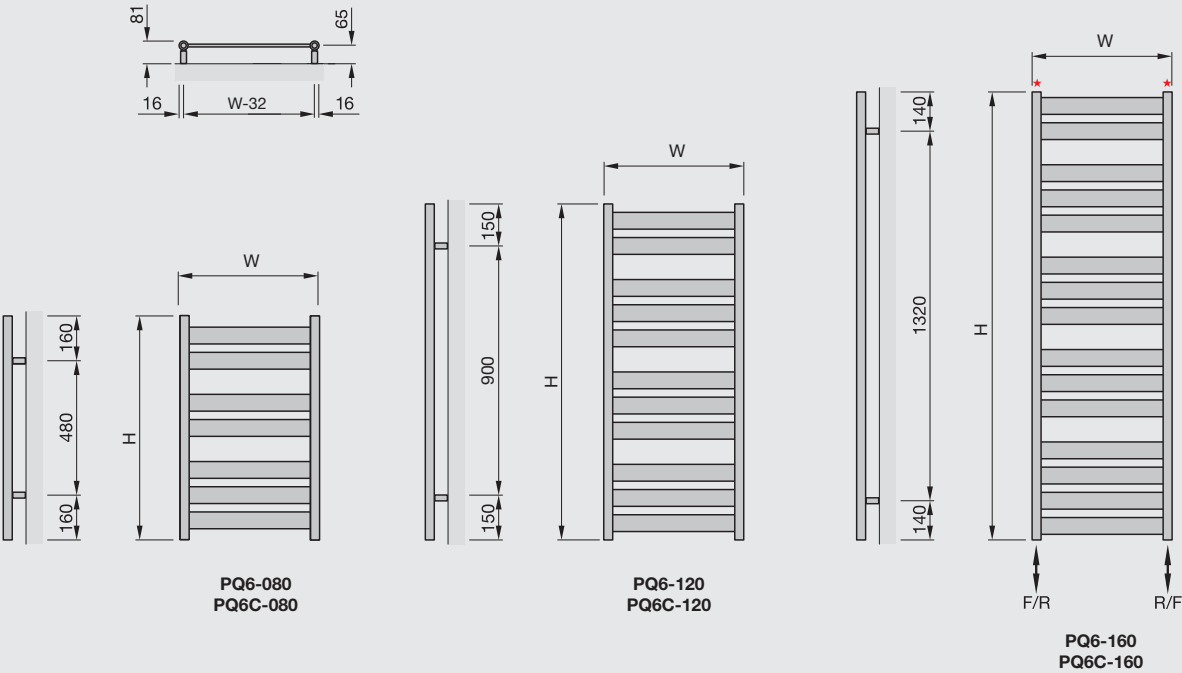
STGI-060-100 STAINLESS STEEL FINISH

Central Heating Model STOCK listed in black	Height mm	Width mm	Pipe centres mm	Finish	Output $\Delta T=50K$ Watts/Btu All outputs certified to EN 442	Max. Immersion rating Watts	RRP (ex VAT)
 Zehnder Zeta							
PQ6-080-050	800	500	468	white	324/1105	200	£162
PQ6-120-050	1200	500	468	white	476/1624	300	£211
PQ6-160-050	1600	500	468	white	647/2208	400	£295
PQ6-080-050-0346	800	500	468	anthracite	342/1105	200	£203
PQ6-120-050-0346	1200	500	468	anthracite	476/1624	300	£264
PQ6-160-050-0346	1600	500	468	anthracite	647/2208	400	£369
PQ6C-080-050	800	500	468	chrome	203/689	200	£219
PQ6C-080-060	800	600	568	chrome	235/792	200	£261
PQ6C-120-050	1200	500	468	chrome	302/1034	300	£295
PQ6C-120-060	1200	600	568	chrome	350/1204	400	£347
PQ6C-160-050	1600	500	468	chrome	395/1344	400	£410
PQ6C-160-060	1600	600	568	chrome	457/1559	400	£483

Max. working pressure: 4 bar

 Dual Energy: Self Fit - Additional cost to Central Heating model prices see page 70 for details

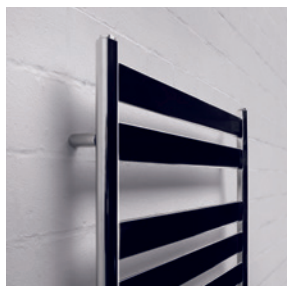
* air vent
Width excludes air vent
F = flow
R = return
Tube: Horizontal oval tube 60 x 10mm
Tube: Vertical $\varnothing$ 32mm
All dimensions in mm



Zehnder Zeta



A popular variation of steel ladder rail suitable for installation on an existing central heating system. It is ideally suited for fitting with a dual energy electric immersion heater for use when the central heating is not in operation. (See page 70 for details).



CHROME 0008



PQ6-080-050 TRAFFIC WHITE 9016



Zehnder recommends VALVE-SET-1-CR. For more information see page 70.



Please note
a 15% surcharge
will be applied to
all prices
displayed, on all
orders placed from
1st August 2021



PQ6-120-050-0346 ANTHRACITE 0346



Ventilation - extractor fans.

Did you know that a shower can create up to 2 pints of moisture? Add this to boiling the kettle, cooking, drying clothes and breathing and there is a lot of moisture in your home, not to mention other airborne particles such as dust and VOC's!

Ventilation is crucial to every home, and especially in bathrooms and kitchens.

This range of fans offer high performance extraction, decorative or discreet style and low noise options - all that you need from your bathroom fan.

Zehnder

Low Energy

Continuous Fan

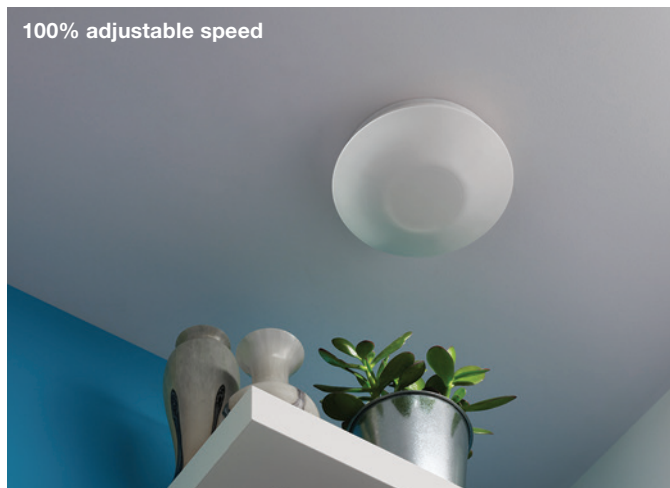
Ø100mm



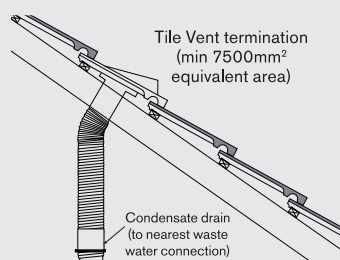
Continuous ventilation ensures a continually fresh environment with a constant low level trickle. The automated boost fan mode will come on if there is a high level of moisture in the room.

This low-noise, low-energy design costs as little as £1.50 to run for the entire year. It operates discreetly in the background, ensuring mould and condensation are kept at bay. SMART humidity and timer controls eliminate nuisance noise and running, leaving you to relax in the serenity of your bathroom.

100% adjustable speed



Ceiling Application (unit can be wall or ceiling mounted)



Low Energy Continuous Fan Controls

In STOCK items highlighted in black	Control	W (mm)	H (mm)	D (Spigot mm)	IP Rating	Speed	Airflow l/s in FREE AIR (BS848 Pt 1)		Sound pressure level dB(A)*	Energy consumption (W)		RRP (ex VAT)
										Min	Max	
ZCV2	Continuous trickle speed with boost activated by lightswitch or smart humidity sensing. Optional SMART overrun timer. Easy set on touch pad located on the fan fascia. Quiet running, low energy design	199	129.5	68	IPX4 Ceiling	Trickle	5	8	10.1-38.5	1.1	5.4	£113
					IPX5 Wall	Boost	8	13				
						Min/Max	2	23				
CV2SVGIP	Continuously running SELV fan with automatic Greenwood HumidiSMART™ sensing and Greenwood TimerSMART™ overrun options (set up at installation)	199	129.5	68	IPX4 Ceiling	Trickle	5	8	10.1-38.5	1.1	5.4	£140
					IPX5 Wall	Boost	8	13				
						Min/Max	2	23				

Suitable for wall or ceiling mounting with discharge through an external wall, soffit, or the roof.

Please see pages 65, 66 and 68 for diagrams. Not for use with more than 3m of ducting.

*Sound pressure level measured @ 3 metres

Accessories for all bathroom fans

Accessories				
Wall fan accessories			RRP (ex VAT)	RRP (inc 20% VAT)
	ZFF100W ZFF100B	Fast fix wall duct system with external grill available in white (W) or brown (B)	£17	£20.40
Ceiling fan accessories				
	ZGFP4.3A	Flexiduct 3m x Ø100mm (required for ceiling fitting)	£11	£13.20
	ZGG42WA	100mm External grille with spigot in white	£5	£6.00
	ZGG42BA	100mm External grille with spigot in brown	£5	£6.00



"SMART" timer technology.

The length of time of the fan over-run is based on occupancy duration, up to a maximum run-time of 15 minutes, reducing heat loss and energy usage.



"SMART" humidistat and timer technology.

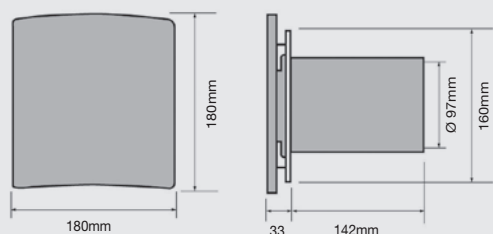
The fan knows the normal humidity level and only activates when spikes occur, providing the right amount of ventilation when required, unlike fans with a generic point that respond to high ambient humidity on a summer's day and particularly in the middle of the night.

Zehnder Silent Wall & Ceiling Fans

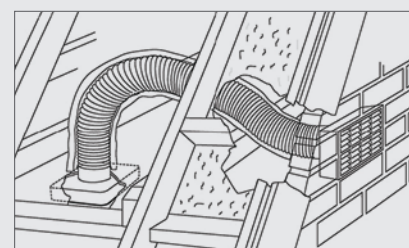


In STOCK items highlighted in black	Description	Controls	Airflow l/s in FREE AIR (BS848 Pt 1)		Sound pressure level @ 3m dB(A)	Energy consumption (W)	IP Rating	RRP (ex VAT)
ZSR100B10A	Silent fan - Basic	Single speed. Operation by light/remote switch	26		26.7	13	IPX4 Zones 1 & 2	£69
ZSR100TR11A	Silent fan - Timer	Single speed. Operation by light/remote switch. Adjustable overrun timer (2-30 mins & set at 15 mins)	26		26.7	16	IPX4 Zones 1 & 2	£82
ZSR100HTR12A	Silent fan - Humidistat	Single speed. Automatic operation by humidity control with option for manual override switch. Adjustable humidity (70-90% & set at 70%). Adjustable overrun timer to prevent hunting	26		26.7	16	IPX4 Zones 1 & 2	£108

All fans suitable for wall or ceiling mounting with discharge through an external wall or soffit, but not the roof. Not for use with more than 3m of ducting.



ZSR100 wall fans



Standard ceiling installation

Zehnder Adaptive Wall & Ceiling Fans



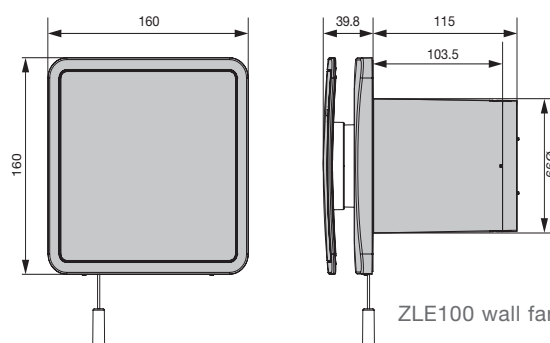
In STOCK items highlighted in black	Description	Controls	Airflow l/s in FREE AIR (BS848 Pt 1)		Sound pressure level @ 3m dB(A)		Energy consumption (max) (W)		IP Rating	RRP (ex VAT)
ZLE100TA	Low Energy Adaptive Fan with SMART Timer	Single speed operation by light/remote switch or via integral pull cord. Adaptable speeds (1-6) to ensure installed performance between 1-6. SMART overrun timer	13.6	31	25	45	1.6	7.1	IPX4 Zones 1 & 2	£103
ZLE100HTA	Low Energy Adaptive Fan with SMART humidistat and timer	Single speed operation via light/remote switch or via integral pull cord. Adaptable speeds (1-6) to ensure installed performance. SMART humidity and overrun timer	13.6	31	25	45	1.6	7.1	IPX4 Zones 1 & 2	£153

All fans suitable for wall or ceiling mounting with discharge through an external wall or soffit, but not the roof. Refer to speeds for maximum ducting lengths



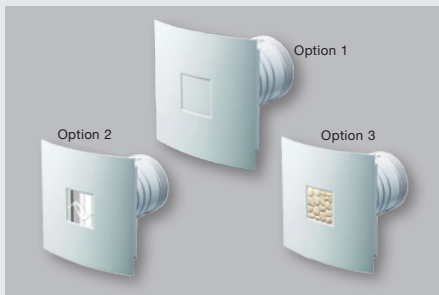
Speed	Room	Installation
1	WC	Through Wall + <3m Ducting
2	Bathroom	<1.5m Ducting
3	WC	Window Kit
4	Bathroom	Through Wall
5	Bathroom	Window Kit
6	Bathroom	<3m Ducting

The speed of the fan is set by the installer according to the size and use of the room, thus avoiding over or under ventilation.



ZLE100 wall fans

The range of **Silent Fans** offer “whisper-quiet” operation – typically a minimum of 70% less noise than standard fans. This range has been developed in response to customers who want high performance ventilation without nuisance noise.



Zehnder Silent Fan - Front Fascia Options



ZSR100 FASCIA OPTION 2

The economical low-energy, quiet **Adaptive Fan** offers the latest in extractor fan technology - adaptive extraction - offering 6 pre-set speeds for different installation applications to ensure the fan is doing the job it's supposed to and eliminating issues with mould and condensation.



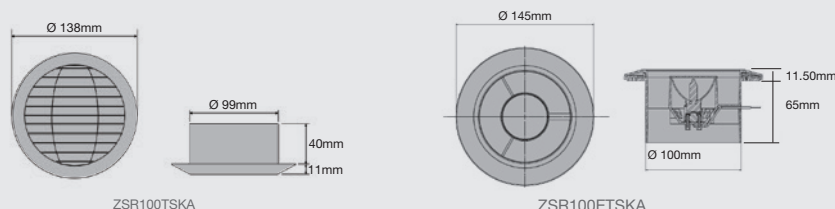
ZLE100

Zehnder Silent Shower Fan Kit

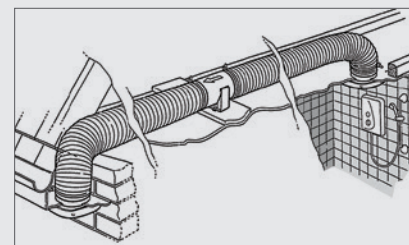
3
YEAR
WARRANTY

In STOCK items highlighted in black	Description	Controls	Airflow l/s in FREE AIR (BS848 Pt 1)	Sound pressure level @ 3m dB(A)	Energy Consumption (W)	IP Rating	RRP (ex VAT)
ZSR100TSKA	Silent Timer Shower Kit	Single speed, 230V. Operation by light/remote switch. Adjustable timer. Kit includes induct fan, 900 end, 3 metres of flexiduct, 4 fixing clips, ceiling grills and fixing screws.	15	24	16	IPX4 Zones 1 & 2	£105
ZSR100ETSKA	Silent Timer Shower Kit & Light	Single speed, 230V. Operation by light/remote switch. Adjustable timer. Kit includes induct fan, 12V light unit, light transformer, 90o bend, 3 metres of flexiduct, 4 fixing clips, ceiling grille and fixing screws. Provided with white & chrome bevels.	15	24	Fan 16W, 12V lamp rated at 6W	IPX4 Zones 1 & 2	£156

Length of ductwork should not exceed the length of the ducting supplied. Recommended for discharge through an external wall or soffit, **but not** the roof.



Zehnder Silent ø100mm Induct Fans



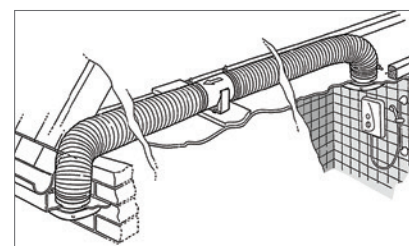
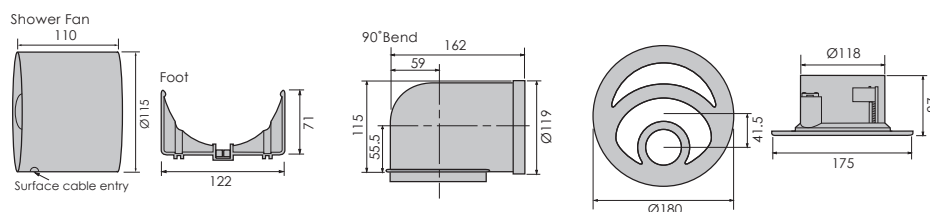
Soffit installation

Zehnder Halo Designer Shower Fan & LED Light Kit

3
YEAR
WARRANTY

In STOCK items highlighted in black	Description	Controls	Airflow l/s in FREE AIR (BS848 Pt 1)	Sound pressure level @ 3m dB(A)	Energy consumption (W)	IP Rating	RRP (ex VAT)
ZHC115ETSKA	125mm Halo timer ceiling fan shower kit and LED light	Single speed, 230V. Operation by light/remote switch. Adjustable timer (2-30mins and factory set at 15 mins). Kit includes 125mm induct fan, internal grille with low voltage 12V light and transformer, 90o bend, 3 metres of flexiduct, 4 fixing clips, ceiling grill and fixing screws. White & Chrome bezels provided.	56	31	Fan 20W, 12V lamp rated at 6W	IPX4 Zones 1 & 2	£128

Length of ductwork should not exceed the length of the ducting supplied. Recommended for discharge through an external wall or soffit, **but not** the roof.



Soffit installation

Silent Fans are 70% quieter than standard axial fans when operating. Supplied as shower kits with or without an LED light in “warm white” (2700K).



ZSR100ETSKA

Today's luxurious showers and bathrooms call for high performance and high design. **The Halo** is a ceiling extractor fan supplied as a kit with an integrated LED light in “warm white” (2700K).



ZHC115ETSKA

Valves, dual energy and electric products

Zehnder offers you a whole range of well matched valves and accessories to enhance aesthetics of your radiators and towels rails. The option of dual energy installation in the bathroom also guarantees luxury and comfort throughout the year.

Electrical elements for Dual Energy installations

Simple immersion - no controls IPX5

Model	Watts	RRP (ex VAT)	
DE Pack 100	100	£125	
DE Pack 150	150		
DE Pack 200	200		
DE Pack 250	250		
DE Pack 300	300		
DE Pack 400	400		
DE Pack 500	500		
DE Pack 600	600		
DE Pack 700	700		
DE Pack 900	900		

SHEC

Simple immersion cable cover
Chrome finish: SHEC-CR.

Matt Black: SHEC-MB

RRP (ex VAT) £56



CTEW



CTEC



Heat-adjustable, fuel saving electric element with 5 water-temperature settings between 30°C and 60°C: IPX4

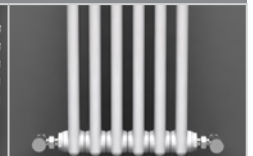
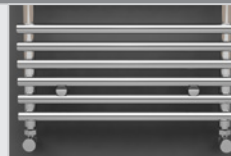
Model	Finish	Watts	RRP (ex VAT)
CTEW-120-DF	white	120	£165
CTEW-200-DF	white	200	
CTEW-300-DF	white	300	
CTEW-400-DF	white	400	
CTEW-600-DF	white	600	
White T-piece included			
CTEC-120-DF	chrome	120	£165
CTEC-200-DF	chrome	200	
CTEC-300-DF	chrome	300	
CTEC-400-DF	chrome	400	
CTEC-600-DF	chrome	600	
Chrome T-piece included			

Valves

VALVE-SET-1-CR

Modern angled radiator valve set chrome plated.

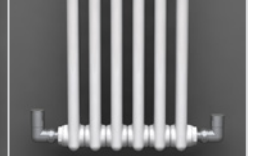
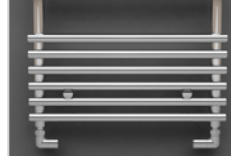
RRP (ex VAT) £48



VALVE-SET-2-CR

Contemporary double angled radiator valve set chrome plated.

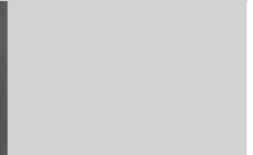
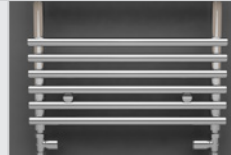
RRP (ex VAT) £66



VALVE-SET-3-CR

Stylish straight radiator valve set chrome plated.

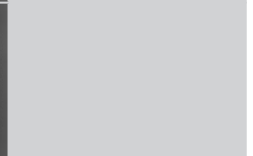
RRP (ex VAT) £48



VALVE-SET-4-CR

Mixed dual energy radiator valve set chrome plated. Dual fuel element to be purchased separately.

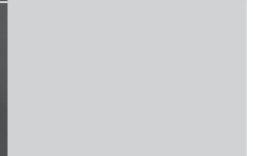
RRP (ex VAT) £48



VALVE-SET-8-CR

Traditional valve set chrome plated.

RRP (ex VAT) £121



VALVE-SET-18-CR

Dual fuel right hand flow valve set chrome plated. Dual fuel element to be purchased separately.

RRP (ex VAT) £146



VALVE-SET-19-CR

Dual fuel left hand flow valve set chrome plated. Dual fuel element to be purchased separately.

RRP (ex VAT) £146



VALVE-SET-20-CR

Thermostatic dual fuel right hand flow valve set chrome plated. Dual fuel element to be purchased separately.

RRP (ex VAT) £202



VALVE-SET-21-CR

Thermostatic dual fuel left hand flow valve set chrome plated. Dual fuel element to be purchased separately.

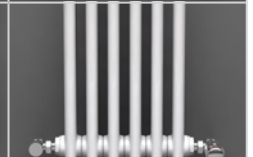
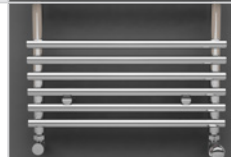
RRP (ex VAT) £202



VALVE-SET-30-CR

Thermostatic angled valve set, chrome plated.

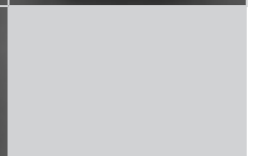
RRP (ex VAT) £74



VALVE-SET-31-CR

Thermostatic straight valve set, chrome plated.

RRP (ex VAT) £74



Zehnder Aura (page 8)

Stock Models														
Model code	Height mm	Width mm	Finish	Overall Projection mm	Pipe Centres mm		Outputs ΔT=50K		Outputs ΔT=30K		n Exponent	Weight kg	Water Content litres	Max. Immersion Rating
					radiator	from wall	Watts	Btu	Watts	Btu				
PBN-080-040	775	400	white	95 to 105	350	65 to 75	287	979	152	519	1.23	4.8	3.1	200
PBN-080-050	775	500	white	95 to 105	450	65 to 75	358	1221	194	662	1.20	5.7	3.6	200
PBN-080-060	775	600	white	95 to 105	550	65 to 75	418	1426	228	777	1.19	6.5	4.1	300
PBN-120-050	1217	500	white	95 to 105	450	65 to 75	512	1747	273	932	1.23	8.1	5.2	300
PBN-120-060	1217	600	white	95 to 105	550	65 to 75	598	2040	319	1089	1.23	9.2	5.9	400
PBN-150-050	1469	500	white	95 to 105	450	65 to 75	631	2153	335	1143	1.24	10	6.5	400
PBN-150-060	1469	600	white	95 to 105	550	65 to 75	740	2525	395	1347	1.23	11.4	7.4	500/400
PBN-180-050	1856	500	white	95 to 105	450	65 to 75	788	2689	418	1427	1.24	12.1	8.0	500/400
PBN-180-060	1856	600	white	95 to 105	550	65 to 75	925	3156	491	1675	1.24	13.7	9.1	600
PBN-080-040-0346	775	400	anthracite	95 to 105	350	65 to 75	287	979	152	519	1.23	4.8	3.1	200
PBN-080-050-0346	775	500	anthracite	95 to 105	450	65 to 75	358	1221	194	662	1.2	5.7	3.6	200
PBN-080-060-0346	775	600	anthracite	95 to 105	550	65 to 75	418	1426	228	778	1.19	6.5	4.1	300
PBN-120-040-0346	1217	400	anthracite	95 to 105	350	65 to 75	427	1457	227	775	1.23	8.1	4.7	300
PBN-120-050-0346	1217	500	anthracite	95 to 105	450	65 to 75	512	1747	273	931	1.23	9.2	5.2	300
PBN-120-060-0346	1217	500	anthracite	95 to 105	450	65 to 75	598	2040	319	1088	1.23	10	5.9	400
PBN-180-050-0346	1856	500	anthracite	95 to 105	450	65 to 75	788	2689	418	1426	1.24	11.4	8	500/400
PBN-180-060-0346	1856	500	anthracite	95 to 105	450	65 to 75	925	3156	491	1675	1.24	12.1	9.1	600
PBCN-060-040	607	400	chrome	95 to 105	350	65 to 75	151	515	79	269	1.27	3.7	2.6	100/n/a
PBCN-060-080	607	800	chrome	95 to 105	750	65 to 75	280	955	149	508	1.24	5.9	3.4	150
PBCN-060-100	607	1000	chrome	95 to 105	950	65 to 75	345	1177	184	628	1.23	6.9	3.8	200
PBCN-080-040	775	400	chrome	95 to 105	350	65 to 75	186	635	96	328	1.27	4.8	3.1	100/n/a
PBCN-080-050	775	500	chrome	95 to 105	450	65 to 75	230	785	120	408	1.28	5.7	3.6	150/120
PBCN-080-060	775	600	chrome	95 to 105	550	65 to 75	271	925	143	488	1.25	6.5	4.1	150/120
PBCN-100-050	1027	500	chrome	95 to 105	450	65 to 75	287	979	149	508	1.28	7.4	4.5	200
PBCN-120-040	1217	400	chrome	95 to 105	350	65 to 75	278	949	142	485	1.28	7	4.5	200
PBCN-120-050	1217	500	chrome	95 to 105	450	65 to 75	330	1126	171	583	1.29	8.1	5.2	200
PBCN-120-060	1217	600	chrome	95 to 105	550	65 to 75	390	1331	203	692	1.28	9.2	5.9	300
PBCN-150-040	1469	400	chrome	95 to 105	350	65 to 75	346	1181	177	604	1.29	8.6	5.6	300
PBCN-150-050	1469	500	chrome	95 to 105	450	65 to 75	407	1389	211	718	1.29	10	6.5	300
PBCN-150-060	1469	600	chrome	95 to 105	550	65 to 75	481	1641	250	853	1.28	11.4	7.4	300
PBCN-180-040	1856	400	chrome	95 to 105	350	65 to 75	432	1473	221	754	1.30	10.4	7.1	300
PBCN-180-050	1856	500	chrome	95 to 105	450	65 to 75	513	1750	264	901	1.30	12.1	8.0	300
PBCN-180-060	1856	600	chrome	95 to 105	550	65 to 75	607	2071	316	1077	1.28	13.7	9.1	400
PBCN-180-075	1856	750	chrome	95 to 105	700	65 to 75	741	2527	387	1321	1.27	16.1	10.7	500

Max. Working Pressure: 10 bar

Test House: WSP LAB

Max. Working Temperature: 120°C

Test House No: 1428

Zehnder Aura Bow (page 12)

Stock Models														
Model code	Height mm	Width mm	Finish	Overall Projection mm	Pipe Centres mm		Outputs ΔT=50K		Outputs ΔT=30K		n Exponent	Weight kg	Water Content litres	Max. Immersion Rating
					radiator	from wall	Watts	Btu	Watts	Btu				
PBTN-080-050	775	494	white	115 to 125	444	55 to 65	358	1221	194	662	1.20	5.7	3.6	200
PBTN-080-060	775	595	white	115 to 125	545	55 to 65	418	1426	228	777	1.19	6.5	4.1	300
PBTN-120-050	1217	494	white	115 to 125	444	55 to 65	512	1747	273	932	1.23	8.1	5.2	300
PBTN-120-060	1217	595	white	115 to 125	545	55 to 65	598	2040	319	1089	1.23	9.2	5.9	400
PBTN-180-050	1856	494	white	115 to 125	444	55 to 65	788	2689	418	1427	1.24	12.1	8.0	500/400
PBTN-180-060	1856	595	white	115 to 125	545	55 to 65	925	3156	491	1675	1.24	13.7	9.1	600
PBTCN-080-050	775	494	chrome	115 to 125	444	55 to 65	230	785	125	425	1.20	5.7	3.6	150/120
PBTCN-080-060	775	595	chrome	115 to 125	545	55 to 65	271	925	148	503	1.19	6.5	4.1	150/120
PBTCN-120-050	1217	494	chrome	115 to 125	444	55 to 65	330	1126	176	601	1.23	8.1	5.2	200
PBTCN-120-060	1217	595	chrome	115 to 125	545	55 to 65	390	1331	208	710	1.23	9.2	5.9	300
PBTCN-180-050	1856	494	chrome	115 to 125	444	55 to 65	513	1750	272	929	1.24	12.1	8.0	300
PBTCN-180-060	1856	595	chrome	115 to 125	545	55 to 65	607	2071	322	1099	1.24	13.7	9.1	400

Max. Working Pressure: 10 bar

Test House: WSP LAB

Max. Working Temperature: 120°C

Test House No: 1428

Zehnder Aluminium Blitz Super (page 16)

Stock Models													
Model code	Height mm	Width mm	Finish	Overall Projection mm	Pipe Centres mm		Outputs ΔT=50K		Outputs ΔT=30K		n Exponent	Weight kg	Water Content litres
					radiator	from wall	Watts	Btu	Watts	Btu			
BS350/100-6	395	480	white*	130	504 plus valves	82	546	1863	283	964	1.29	6.6	1.44
BS350/100-8	395	640	white*	130	664 plus valves	82	728	2484	377	1286	1.29	8.8	1.92
BS350/100-10	395	800	white*	130	824 plus valves	82	910	3105	471	1607	1.29	11.0	2.40
BS350/100-12	395	960	white*	130	984 plus valves	82	1092	3726	565	1929	1.29	13.2	2.88
BS350/100-14	395	1120	white*	130	1144 plus valves	82	1274	4347	659	2250	1.29	15.4	3.36
BS500/100-6	545	480	white*	130	504 plus valves	82	737	2516	381	1302	1.29	8.4	1.5
BS500/100-8	545	640	white*	130	664 plus valves	82	983	3355	509	1736	1.29	11.2	2.0
BS500/100-10	545	800	white*	130	824 plus valves	82	1229	4193	636	2170	1.29	14.0	2.5
BS500/100-12	545	960	white*	130	984 plus valves	82	1475	5032	763	2604	1.29	16.8	3.0
BS500/100-14	545	1120	white*	130	1144 plus valves	82	1721	5871	890	3038	1.29	19.6	3.5
BS600/100-6	645	480	white*	130	504 plus valves	82	848	2895	435	1486	1.30	9.6	1.8
BS600/100-8	645	640	white*	130	664 plus valves	82	1131	3860	581	1982	1.30	12.8	2.4
BS600/100-10	645	800	white*	130	824 plus valves	82	1414	4824	726	2477	1.30	16.0	3.0
BS600/100-12	645	960	white*	130	984 plus valves	82	1697	5789	871	2973	1.30	19.2	3.6
BS600/100-14	645	1120	white*	130	1144 plus valves	82	1980	6754	1016	3468	1.30	22.4	4.2

*white (RAL 9010)

Max. Working Pressure: 24 bar Test House: Laboratorio Misure Ricerche Termotecnica
Max. Working Temperature: 120°C Test House No: 1695

Zehnder Aluminium Lyta-T (page 18)

Stock Models													
Model code	Height mm	Width mm	Finish	Overall Projection mm	Pipe Centres mm		Outputs ΔT=50K		Outputs ΔT=30K		n Exponent	Weight kg	Water Content litres
					radiator	from wall	Watts	Btu	Watts	Btu			
LYTV-Z-097-032	966	320	white*	110 to 140	344 plus valves	82	728	2484	362	1234	1.37	7.8	1.7
LYTV-Z-097-048	966	480	white*	110 to 140	504 plus valves	82	1092	3726	542	1851	1.37	11.8	2.6
LYTV-Z-147-032	1466	320	white*	110 to 140	344 plus valves	82	1000	3412	499	1703	1.39	11.2	2.5
LYTV-Z-147-048	1466	480	white*	110 to 140	504 plus valves	82	1500	5118	749	2555	1.39	16.8	3.7
LYTV-Z-187-024	1866	240	white*	110 to 140	264 plus valves	82	900	3071	442	1510	1.39	10.2	2.3
LYTV-Z-187-032	1866	320	white*	110 to 140	344 plus valves	82	1200	4094	590	2013	1.39	13.6	3.1
LYTV-Z-187-040	1866	400	white*	110 to 140	424 plus valves	82	1500	5118	737	2516	1.39	17.0	3.9
LYTV-Z-187-048	1866	480	white*	110 to 140	504 plus valves	82	1800	6142	885	3019	1.39	20.4	4.7

*white (RAL 9010)

Max. Working Pressure: 6 bar Test House: Laboratorio Misure Ricerche Termotecnica
Max. Working Temperature: 120°C Test House No: 1695

Zehnder Charleston (page 20-23)

Stock Models													
Model code	Height mm	Width mm	Finish	Overall Projection mm	Pipe Centres mm		Outputs ΔT=50K		Outputs ΔT=30K		n	Weight	Water
					radiator	from wall	Watts	Btu	Watts	Btu	Exponent	kg	Content litres
Vertical													
2180-6	1792	302	white/colour	90	length plus valves*	59	744	2539	381	1300	1.31	14.34	9.0
2180-8	1792	394	white/colour	90	length plus valves*	59	992	3385	508	1733	1.31	19.12	12.0
2180-10	1792	486	white/colour	90	length plus valves*	59	1240	4231	635	2167	1.31	23.9	15.0
2180-12	1792	578	white/colour	90	length plus valves*	59	1488	5077	762	2600	1.31	28.68	18.0
3180-6	1800	302	white/colour	128	length plus valves*	78	996	3398	510	1740	1.31	21.48	14.0
3180-8	1800	394	white/colour	128	length plus valves*	78	1328	4531	680	2320	1.31	28.64	19.0
3180-10	1800	486	white/colour	128	length plus valves*	78	1660	5664	850	2900	1.31	35.8	24.0
Horizontal													
2050-10	492	486	white/colour	90	length plus valves*	59	384	1310	203	693	1.25	6.9	5.0
2050-14	492	670	white/colour	90	length plus valves*	59	538	1836	284	969	1.25	9.66	7.0
2050-18	492	854	white/colour	90	length plus valves*	59	691	2358	365	1245	1.25	12.42	9.0
2050-22	492	1038	white/colour	90	length plus valves*	59	845	2883	446	1522	1.25	15.18	11.0
2050-26	492	1222	white/colour	90	length plus valves*	59	998	3405	527	1798	1.25	17.94	13.0
2060-10	592	486	white/colour	90	length plus valves*	59	453	1546	239	815	1.25	8.2	6.0
2060-14	592	670	white/colour	90	length plus valves*	59	634	2163	335	1143	1.25	11.48	8.4
2060-18	592	854	white/colour	90	length plus valves*	59	815	2781	430	1467	1.25	14.76	10.8
2060-22	592	1038	white/colour	90	length plus valves*	59	997	3402	527	1798	1.25	18.04	13.2
2060-24	592	1130	white/colour	90	length plus valves*	59	1080	3685	570	1945	1.25	19.68	14.4
2060-28	592	1314	white/colour	90	length plus valves*	59	1260	4299	665	2269	1.25	22.96	16.8
3050-14	500	670	white/colour	128	length plus valves*	78	722	2463	381	1300	1.25	14.42	11.2
3050-18	500	854	white/colour	128	length plus valves*	78	929	3170	491	1675	1.25	18.54	14.4
3050-22	500	1038	white/colour	128	length plus valves*	78	1135	3873	599	2044	1.25	22.66	17.6
3050-26	500	1222	white/colour	128	length plus valves*	78	1342	4579	709	2419	1.25	26.78	20.8
3050-30	500	1406	white/colour	128	length plus valves*	78	1548	5282	817	2788	1.25	30.9	24.0
3060-10	600	486	white/colour	128	length plus valves*	78	609	2078	320	1092	1.26	12.3	9.0
3060-14	600	670	white/colour	128	length plus valves*	78	853	2910	448	1529	1.26	17.22	12.6
3060-18	600	854	white/colour	128	length plus valves*	78	1096	3740	576	1965	1.26	22.14	16.2
3060-20	600	946	white/colour	128	length plus valves*	78	1220	4163	641	2187	1.26	24.6	18.0
3060-24	600	1130	white/colour	128	length plus valves*	78	1464	4995	769	2624	1.26	29.52	21.6
3060-27	600	1268	white/colour	128	length plus valves*	78	1645	5613	864	2948	1.26	33.21	24.3
3060-30	600	1406	white/colour	128	length plus valves*	78	1827	6234	960	3276	1.26	36.9	27.0
3060-34	600	1590	white/colour	128	length plus valves*	78	2071	7066	1088	3712	1.26	41.82	30.6
3075-14	750	670	white/colour	128	length plus valves*	78	1040	3548	546	1863	1.26	21.28	15.4
3075-22	750	1038	white/colour	128	length plus valves*	78	1635	5579	859	2931	1.26	33.44	24.2
3075-26	750	1222	white/colour	128	length plus valves*	78	1932	6592	1015	3463	1.26	39.52	28.6
4030-20	300	946	white/colour	164	length plus valves*	96	840	2866	444	1515	1.25	17.6	14.0
4030-30	300	1406	white/colour	164	length plus valves*	96	1260	4299	665	2269	1.25	26.4	21.0
4060-14	600	670	white/colour	164	length plus valves*	96	1117	3811	584	1993	1.27	23.38	16.8
4060-18	600	854	white/colour	164	length plus valves*	96	1436	4900	751	2562	1.27	30.06	21.6
4060-20	600	946	white/colour	164	length plus valves*	96	1596	5446	835	2849	1.27	33.4	24.0
4060-24	600	1130	white/colour	164	length plus valves*	96	1920	6551	1004	3426	1.27	40.08	28.8
4075-14	750	670	white/colour	164	length plus valves*	96	1364	4654	713	2433	1.27	28.84	19.6
4075-18	750	854	white/colour	164	length plus valves*	96	1753	5981	916	3125	1.27	37.08	25.2
4075-22	750	1038	white/colour	164	length plus valves*	96	2143	7312	1120	3821	1.27	45.32	30.8
4075-26	750	1222	white/colour	164	length plus valves*	96	2532	8639	1323	4514	1.27	53.56	36.4

*Nominal overall radiator length = (Number of sections x 46mm) + 26mm.

Max. Working Pressure: 10 bar Test House: WSP-LAB

Max. Working Temperature: 110°C Test House No: 1428

Zehnder Charleston (page 24-27)

Made to Measure Options												
Model code	Height mm	Finish	Overall Projection mm	Pipe Centres mm		Outputs ΔT=50K		Outputs ΔT=30K		n	Weight	Water
				radiator	from wall	Watts	Btu	Watts	Btu	Exponent	kg	Content litres
2 column Technical data per section												
2026	260	white/colour	90	length + valves*	59	21	72	11	38	1.27	0.44	0.3
2030	292	white/colour	90	length + valves*	59	24	81	12	42	1.27	0.49	0.4
2035	342	white/colour	90	length + valves*	59	28	94	14	49	1.26	0.57	0.4
2040	392	white/colour	90	length + valves*	59	31	106	16	56	1.26	0.63	0.4
2045	442	white/colour	90	length + valves*	59	35	119	18	62	1.26	0.70	0.5
2050	492	white/colour	90	length + valves*	59	38	131	20	69	1.25	0.77	0.5
2055	542	white/colour	90	length + valves*	59	42	143	22	75	1.25	0.84	0.6
2060	592	white/colour	90	length + valves*	59	45	155	24	82	1.25	0.90	0.6
2075	742	white/colour	90	length + valves*	59	55	188	29	100	1.24	1.11	0.7
2090	892	white/colour	90	length + valves*	59	64	218	34	117	1.23	1.31	0.8
2100	992	white/colour	90	length + valves*	59	70	237	37	127	1.22	1.44	0.9
2120	1192	white/colour	90	length + valves*	59	83	282	43	145	1.30	1.72	1.1
2150	1492	white/colour	90	length + valves*	59	104	355	54	183	1.29	2.12	1.3
2180	1792	white/colour	90	length + valves*	59	124	423	65	220	1.29	2.53	1.5
2200	1992	white/colour	90	length + valves*	59	138	471	72	244	1.28	2.80	1.7
3 column Technical data per section												
3026	260	white/colour	128	length + valves*	78	28	95	15	49	1.28	0.66	0.5
3030	300	white/colour	128	length + valves*	78	32	109	17	57	1.28	0.74	0.6
3035	350	white/colour	128	length + valves*	78	37	126	19	66	1.28	0.85	0.6
3040	400	white/colour	128	length + valves*	78	42	143	22	75	1.28	0.96	0.7
3045	450	white/colour	128	length + valves*	78	47	160	24	83	1.27	1.07	0.7
3050	500	white/colour	128	length + valves*	78	52	176	27	92	1.27	1.17	0.8
3055	550	white/colour	128	length + valves*	78	56	192	29	100	1.27	1.28	0.9
3060	600	white/colour	128	length + valves*	78	61	208	32	109	1.27	1.38	0.9
3075	750	white/colour	128	length + valves*	78	74	254	39	133	1.26	1.70	1.1
3090	900	white/colour	128	length + valves*	78	87	297	46	156	1.25	2.01	1.3
3100	1000	white/colour	128	length + valves*	78	95	324	50	171	1.25	2.22	1.4
3120	1200	white/colour	128	length + valves*	78	115	392	59	201	1.31	2.65	1.6
3150	1500	white/colour	128	length + valves*	78	140	478	72	245	1.31	3.28	2.0
3180	1800	white/colour	128	length + valves*	78	166	566	85	289	1.32	3.91	2.4
3200	2000	white/colour	128	length + valves*	78	183	624	93	318	1.32	4.33	2.6
4 column Technical data per section												
4026	260	white/colour	164	length + valves*	96	37	125	19	65	1.28	0.84	0.7
4030	300	white/colour	164	length + valves*	96	42	143	22	74	1.28	0.96	0.7
4035	350	white/colour	164	length + valves*	96	49	165	25	86	1.28	1.10	0.8
4040	400	white/colour	164	length + valves*	96	55	187	29	98	1.28	1.24	0.9
4045	450	white/colour	164	length + valves*	96	61	209	32	109	1.27	1.37	1.0
4050	500	white/colour	164	length + valves*	96	67	231	35	120	1.27	1.51	1.0
4055	550	white/colour	164	length + valves*	96	74	251	39	132	1.27	1.65	1.1
4060	600	white/colour	164	length + valves*	96	80	272	42	143	1.27	1.78	1.2
4075	750	white/colour	164	length + valves*	96	97	332	51	174	1.26	2.19	1.4
4090	900	white/colour	164	length + valves*	96	114	389	60	205	1.25	2.61	1.7
4100	1000	white/colour	164	length + valves*	96	125	427	66	225	1.25	2.88	1.8
4120	1200	white/colour	164	length + valves*	96	147	502	76	258	1.31	3.43	2.1
4150	1500	white/colour	164	length + valves*	96	180	614	92	314	1.31	4.25	2.6
4180	1800	white/colour	164	length + valves*	96	213	727	109	371	1.32	5.07	3.1
4200	2000	white/colour	164	length + valves*	96	234	798	120	408	1.32	5.61	3.4
5 column Technical data per section												
5026	260	white/colour	201	length + valves*	115	45	154	23	80	1.28	1.11	0.8
5030	300	white/colour	201	length + valves*	115	52	176	27	92	1.28	1.26	0.9
5035	350	white/colour	201	length + valves*	115	60	204	31	106	1.28	1.44	1.0
5040	400	white/colour	201	length + valves*	115	68	232	35	121	1.28	1.61	1.1
5045	450	white/colour	201	length + valves*	115	76	259	40	135	1.27	1.78	1.2
5050	500	white/colour	201	length + valves*	115	84	285	44	149	1.27	1.95	1.3
5055	550	white/colour	201	length + valves*	115	91	311	48	162	1.27	2.12	1.3
5060	600	white/colour	201	length + valves*	115	99	336	52	176	1.27	2.29	1.5
5075	750	white/colour	201	length + valves*	115	120	409	63	216	1.26	2.80	1.8
5090	900	white/colour	201	length + valves*	115	141	481	74	253	1.25	3.32	2.1
5100	1000	white/colour	201	length + valves*	115	154	525	81	277	1.25	3.66	2.3
5120	1200	white/colour	201	length + valves*	115	179	611	92	314	1.31	4.34	2.7
5150	1500	white/colour	201	length + valves*	115	219	747	112	382	1.31	5.37	3.3
5180	1800	white/colour	201	length + valves*	115	259	884	132	451	1.32	6.39	3.9
5200	2000	white/colour	201	length + valves*	115	285	972	145	496	1.32	7.08	4.3
6 column Technical data per section												
6026	260	white/colour	238	length + valves*	133	54	183	28	95	1.28	1.35	1.0
6030	300	white/colour	238	length + valves*	133	61	209	32	109	1.28	1.52	1.1
6035	350	white/colour	238	length + valves*	133	71	242	37	126	1.28	1.74	1.2
6040	400	white/colour	238	length + valves*	133	81	275	42	143	1.28	1.94	1.3
6045	450	white/colour	238	length + valves*	133	90	306	47	160	1.27	2.15	1.4
6050	500	white/colour	238	length + valves*	133	99	338	52	176	1.27	2.35	1.5
6055	550	white/colour	238	length + valves*	133	108	368	57	193	1.27	2.55	1.6
6060	600	white/colour	238	length + valves*	133	117	399	61	209	1.27	2.76	1.8
6075	750	white/colour	238	length + valves*	133	143	488	75	256	1.26	3.37	2.1
6090	900	white/colour	238	length + valves*	133	167	570	88	300	1.25	3.98	2.5
6100	1000	white/colour	238	length + valves*	133	183	624	96	329	1.25	4.37	2.7
6120	1200	white/colour	238	length + valves*	133	210	717	108	367	1.31	5.20	3.2
6150	1500	white/colour	238	length + valves*	133	256	873	131	448	1.31	6.42	4.0
6180	1800	white/colour	238	length + valves*	133	303	1034	155	527	1.32	7.64	4.7
6200	2000	white/colour	238	length + valves*	133	334	1140	170	581	1.32	8.46	5.2

*Nominal overall radiator length = (Number of sections x 46mm) + 26mm.

Vertical entry = overall length minus 72mm

Max. Working Pressure: 4 bar

Test House: WSP-LAB

Max. Working Temperature: 110°C

Test House No: 1428

Zehnder Forma Spa Asym (page 36)

Stock Models														
Model code	Height mm	Width mm	Finish	Overall Projection mm	Pipe Centres mm		Outputs ΔT=50K		Outputs ΔT=30K		n Exponent	Weight kg	Water Content litres	Max. Immersion Rating
					radiator	from wall	Watts	Btu	Watts	Btu				
LFAL-120-050	1161	496	white/colour	83 to 93	50	40 to 50	547	1866	287	979	1.26	12.1	7.0	300
LFAL-120-060	1161	596	white/colour	83 to 93	50	40 to 50	628	2143	330	1126	1.26	13.8	8.0	400
LFAL-170-050	1681	496	white/colour	83 to 93	50	40 to 50	778	2655	407	1389	1.27	17.1	10.1	300
LFAL-170-060	1681	596	white/colour	83 to 93	50	40 to 50	894	3050	467	1593	1.27	19.6	11.4	400
LFAR-120-050	1161	496	white/colour	83 to 93	50	40 to 50	547	1866	287	979	1.26	12.1	7.0	300
LFAR-120-060	1161	596	white/colour	83 to 93	50	40 to 50	628	2143	330	1126	1.26	13.8	8.0	400
LFAR-170-050	1681	496	white/colour	83 to 93	50	40 to 50	778	2655	407	1389	1.27	17.1	10.1	300
LFAR-170-060	1681	596	white/colour	83 to 93	50	40 to 50	894	3050	467	1593	1.27	19.6	11.4	400
Max. Working Pressure: 10 bar			Test House: WSP lab											
Max. Working Temperature: 120°C			Test House No: 1428											

Zehnder Klaro (page 38)

Stock Models														
Model code	Height mm	Width mm	Finish	Overall Projection mm	Pipe Centres mm		Outputs ΔT=50K		Outputs ΔT=30K		n Exponent	Weight kg	Water Content litres	Max. Immersion Rating
					radiator	from wall	Watts	Btu	Watts	Btu				
ZSL-080-045	748	450	white/colour	87 to 102	412	68 to 83	354	1208	187	638	1.25	5.4	3.6	200
ZSL-080-050	748	500	white/colour	87 to 102	462	68 to 83	388	1324	205	699	1.25	5.8	3.8	200
ZSL-080-060	748	600	white/colour	87 to 102	562	68 to 83	455	1552	240	819	1.25	6.7	4.3	300
ZSL-120-045	1148	450	white/colour	87 to 102	412	68 to 83	521	1778	272	928	1.27	8.1	5.4	300
ZSL-120-050	1148	500	white/colour	87 to 102	462	68 to 83	571	1948	298	1017	1.27	8.7	5.8	400
ZSL-120-060	1148	600	white/colour	87 to 102	562	68 to 83	670	2286	352	1201	1.26	9.8	6.6	500/400
ZSL-150-050	1466	500	white/colour	87 to 102	462	68 to 83	716	2443	372	1269	1.28	10.9	7.4	500/400
ZSL-150-060	1466	600	white/colour	87 to 102	562	68 to 83	839	2863	436	1488	1.28	12.3	8.5	500/400
ZSL-170-045	1708	450	white/colour	87 to 102	412	68 to 83	751	2562	385	1314	1.31	11.2	7.9	500/400
ZSL-170-050	1708	500	white/colour	87 to 102	462	68 to 83	824	2811	424	1447	1.30	12.2	8.5	500/400
ZSL-170-060	1708	600	white/colour	87 to 102	562	68 to 83	966	3296	502	1713	1.28	14.2	9.6	600
ZSLC-080-050	748	500	chrome	87 to 102	462	68 to 83	283	966	146	498	1.30	5.8	3.8	200
ZSLC-080-060	748	600	chrome	87 to 102	562	68 to 83	332	1133	172	587	1.29	6.7	4.3	200
ZSLC-120-050	1148	500	chrome	87 to 102	462	68 to 83	417	1423	216	737	1.29	8.7	5.8	300
ZSLC-120-060	1148	600	chrome	87 to 102	562	68 to 83	489	1668	250	853	1.31	9.8	6.6	300
ZSLC-150-050	1466	500	chrome	87 to 102	462	68 to 83	475	1621	241	822	1.33	10.5	7.3	300
ZSLC-150-060	1466	600	chrome	87 to 102	562	68 to 83	560	1911	284	969	1.33	12.1	8.4	400
ZSLC-170-050	1708	600	chrome	87 to 102	562	68 to 83	601	2050	308	1051	1.31	12.2	8.5	400
ZSLC-170-060	1708	600	chrome	87 to 102	562	68 to 83	705	2405	361	1232	1.31	14.2	9.6	500/400
Max. Working Pressure: 4 bar			Test House: HLK STUTTGART											
Max. Working Temperature: 110°C			Test House No: 0626											

Zehnder Kleo (page 42)

Stock Models													
Model code	Height mm	Width mm	Finish	Overall Projection mm	Pipe Centres mm		Outputs ΔT=50K		Outputs ΔT=30K		n Exponent	Weight kg	Water Content litres
					radiator	from wall	Watts	Btu	Watts	Btu			
Vertical													
KLV-180-030	1800	299	white/colour	74	248	38	632	2156	329	1123	1.28	10.8	4.5
KLV-180-040	1800	398	white/colour	74	347	38	842	2874	438	1494	1.28	14.4	6.1
KLV-180-050	1800	497	white/colour	74	446	38	1053	3593	548	1870	1.28	18.0	7.5
KLV-180-060	1800	596	white/colour	74	545	38	1264	4313	647	2209	1.28	21.6	9.0
KLVC-180-030	1800	299	chrome	74	248	38	448	1529	225	768	1.35	10.8	4.5
KLVC-180-040	1800	398	chrome	74	347	38	598	2040	300	1024	1.35	14.4	6.1
KLVC-180-050	1800	497	chrome	74	446	38	747	2549	375	1280	1.35	18.0	7.5
KLVC-180-060	1800	596	chrome	74	545	38	896	3057	450	1535	1.35	21.6	9.0
Horizontal													
KLH-058-100	596	1000	white/colour	74	962	38	782	2668	413	1409	1.25	12.7	5.5
KLH-058-120	596	1200	white/colour	74	1162	38	938	3201	495	1689	1.25	14.9	6.6
KLH-058-140	596	1400	white/colour	74	1362	38	1095	3736	578	1972	1.25	17.1	7.7
KLHD-058-100	596	1000	white/colour	106	962	38	1211	4134	636	2170	1.26	22.6	12.5
KLHD-058-120	596	1200	white/colour	106	1162	38	1453	4961	763	2603	1.26	27.1	15.0
KLHD-058-140	596	1400	white/colour	106	1362	38	1695	5787	891	3040	1.26	31.6	17.5
Max. Working Pressure: 4 bar			Test House: CETIAT										
Max. Working Temperature: 110°C			Test House No: 1623										

Zehnder Kleo (44)

Made to Measure Options												
Model code	Height mm	Finish	Overall Projection mm	Pipe Centres mm		Outputs $\Delta T=50K$		Outputs $\Delta T=30K$		n Exponent	Weight kg	Water Content litres
				radiator	from wall	Watts	Btu	Watts	Btu			
Zehnder Kleo KLH single, data per linear metre												
KLH-038	398	white/colour	74	length minus 38	49	515	1757	278	949	1.21	8.5	3.7
KLH-045	464	white/colour	74	length minus 38	49	611	2085	322	1099	1.26	9.9	4.3
KLH-052	530	white/colour	74	length minus 38	49	697	2378	367	1252	1.26	11.3	4.9
KLH-058	596	white/colour	74	length minus 38	49	782	2668	412	1406	1.25	12.7	5.5
KLH-065	662	white/colour	74	length minus 38	49	867	2958	457	1559	1.25	14.1	6.1
KLH-071	728	white/colour	74	length minus 38	49	951	3245	502	1713	1.25	15.5	6.7
KLH-078	794	white/colour	74	length minus 38	49	1034	3528	545	1860	1.25	16.9	7.3
KLH-085	860	white/colour	74	length minus 38	49	1117	3811	590	2013	1.25	18.3	7.9
KLH-091	926	white/colour	74	length minus 38	49	1200	4094	634	2163	1.25	19.7	8.5
KLH-098	992	white/colour	74	length minus 38	49	1282	4374	677	2310	1.25	21.1	9.1
KLH-104	1058	white/colour	74	length minus 38	49	1364	4654	721	2460	1.25	22.5	9.8
KLH-111	1124	white/colour	74	length minus 38	49	1445	4930	764	2607	1.25	23.9	10.4
KLH-118	1190	white/colour	74	length minus 38	49	1526	5207	807	2753	1.25	25.3	11.0
Zehnder Kleo KLV single, data per vertical tube To calculate the number of tubes required, allow 44mm												
KLV-060	600	white/colour	74	length minus 38	49	26	89	14	48	1.27	0.5	0.2
KLV-080	800	white/colour	74	length minus 38	49	34	116	18	61	1.27	0.6	0.3
KLV-100	1000	white/colour	74	length minus 38	49	41	140	21	72	1.27	0.7	0.3
KLV-120	1200	white/colour	74	length minus 38	49	49	167	25	85	1.27	0.8	0.4
KLV-140	1400	white/colour	74	length minus 38	49	56	191	29	99	1.28	0.9	0.4
KLV-160	1600	white/colour	74	length minus 38	49	63	215	33	113	1.28	1.0	0.5
KLV-180	1800	white/colour	74	length minus 38	49	70	239	37	126	1.28	1.2	0.5
KLV-200	2000	white/colour	74	length minus 38	49	78	266	40	137	1.28	1.3	0.5
KLV-220	2200	white/colour	74	length minus 38	49	85	290	44	150	1.28	1.4	0.6
Max. Working Pressure: 4 bar Test House: CETIAT												
Max. Working Temperature: 110°C Test House No: 1623												

Zehnder Muralis (page 46)

Stock Models														
Model code	Height mm	Width mm	Finish	Overall Projection mm	Pipe Centres mm		Outputs ΔT=50K		Outputs ΔT=30K		n Exponent	Weight kg	Water Content litres	Max. Immersion Rating
					radiator	from wall	Watts	Btu	Watts	Btu				
MUR-080-050-0346	800	500	anthracite	80	470	65-90	306	1044	164	558	1.20	5.6	3.3	200
MUR-100-050-0346	1000	500	anthracite	80	470	65-90	384	1310	204	697	1.21	7.0	4.1	200
MUR-120-050-0346	1200	500	anthracite	80	470	65-90	461	1573	245	835	1.22	8.4	4.9	300
MUR-140-050-0346	1400	500	anthracite	80	470	65-90	537	1832	284	971	1.22	9.6	5.7	300
MUR-160-050-0346	1600	500	anthracite	80	470	65-90	612	2088	324	1107	1.22	10.9	6.4	400
MURC-080-050	800	500	chrome	80	470	65-90	197	672	103	351	1.25	5.5	3.3	150/120
MURC-100-050	1000	500	chrome	80	470	65-90	249	850	130	442	1.26	7.0	4.1	
MURC-120-050	1200	500	chrome	80	470	65-90	301	1027	156	534	1.26	8.4	4.9	200
MURC-140-050	1400	500	chrome	80	470	65-90	346	1181	179	612	1.26	9.6	5.7	200
MURC-160-050	1600	500	chrome	80	470	65-90	391	1334	202	690	1.27	10.8	6.4	300
Max. Working Pressure: 4 bar			Test House: WSP LAB											
Max. Working Temperature: 120°C			Test House No: 1428											

Zehnder Roda (page 48)

Stock Models													
Model code	Height mm	Width mm	Finish	Overall Projection mm	Pipe Centres mm		Outputs $\Delta T=50K$		Outputs $\Delta T=30K$		n Exponent	Weight kg	Water Content litres
					radiator	from wall	Watts	Btu	Watts	Btu			
Zehnder Roda vertical single panel													
ROV-180-029	1800	296	white/colour	70	247	42	568	1938	291	993	1.31	12.0	4.4
ROV-180-037	1800	370	white/colour	70	321	42	710	2423	364	1242	1.31	15.1	5.5
ROV-180-044	1800	444	white/colour	70	395	42	852	2907	436	1488	1.31	18.1	6.6
ROV-180-051	1800	518	white/colour	70	469	42	994	3392	509	1737	1.31	21.1	7.7
ROV-180-059	1800	592	white/colour	70	543	42	1136	3876	582	1986	1.31	24.1	8.8
ROV-180-066	1800	666	white/colour	70	617	42	1278	4361	654	2232	1.31	27.1	9.9
Zehnder Roda vertical double panel													
ROVD-180-029	1800	296	white/colour	93	247	66	836	2853	426	1454	1.32	23.2	8.8
ROVD-180-037	1800	370	white/colour	93	321	66	1045	3566	532	1815	1.32	29.0	11.0
ROVD-180-044	1800	444	white/colour	93	395	66	1254	4279	639	2180	1.32	34.8	13.2
ROVD-180-051	1800	518	white/colour	93	469	66	1463	4992	745	2542	1.32	40.6	15.4
ROVD-180-059	1800	592	white/colour	93	543	66	1672	5705	851	2904	1.32	46.4	17.6
ROVD-180-066	1800	666	white/colour	93	617	66	1881	6418	958	3269	1.32	52.2	19.8
Zehnder Roda horizontal single panel													
ROH-059-060	592	600	white/colour	70	532	42	399	1361	208	710	1.28	7.9	3.4
ROH-059-080	592	800	white/colour	70	732	42	532	1815	277	945	1.28	10.5	4.5
ROH-059-100	592	1000	white/colour	70	932	42	665	2269	347	1184	1.28	13.1	5.6
ROH-059-120	592	1200	white/colour	70	1132	42	798	2723	416	1419	1.28	15.7	6.7
ROH-059-140	592	1400	white/colour	70	1332	42	931	3177	485	1655	1.28	18.4	7.8
ROH-059-160	592	1600	white/colour	70	1532	42	1064	3630	554	1890	1.28	21.0	9.0
Zehnder Roda horizontal single panel with single convector fin													
ROHL-059-060	592	600	white/colour	92	532	62	644	2197	339	1157	1.26	13.2	3.4
ROHL-059-080	592	800	white/colour	92	732	62	859	2931	453	1546	1.26	17.6	4.5
ROHL-059-100	592	1000	white/colour	92	932	62	1074	3665	566	1931	1.26	21.9	5.6
ROHL-059-120	592	1200	white/colour	92	1132	62	1289	4398	679	2317	1.26	26.3	6.7
ROHL-059-140	592	1400	white/colour	92	1332	62	1504	5132	792	2702	1.26	30.7	7.8
ROHL-059-160	592	1600	white/colour	92	1532	62	1718	5862	905	3088	1.26	35.1	9.0
Zehnder Roda horizontal double panel													
ROHD-059-060	592	600	white/colour	93	532	66	641	2187	337	1150	1.26	15.3	6.1
ROHD-059-080	592	800	white/colour	93	732	66	855	2917	449	1532	1.26	20.4	8.1
ROHD-059-100	592	1000	white/colour	93	932	66	1069	3648	561	1914	1.26	25.5	10.1
ROHD-059-120	592	1200	white/colour	93	1132	66	1283	4378	673	2296	1.26	30.5	12.1
ROHD-059-140	592	1400	white/colour	93	1332	66	1497	5108	785	2678	1.26	35.6	14.1
ROHD-059-160	592	1600	white/colour	93	1532	66	1710	5835	898	3064	1.26	40.7	16.1
Max. Working Pressure: 4 bar				Test House: CETIAT									
Max. Working Temperature: 110°C				Test House No: 1623									

Zehnder Roda (page 50)

Made to Measure Options												
Model code	Height mm	Finish	Overall Projection mm	Pipe Centres mm		Outputs ΔT=50K		Outputs ΔT=30K		n Exponent	Weight kg	Water Content litres
				radiator	from wall	Watts	Btu	Watts	Btu			
Zehnder Roda ROV single, data per vertical tube												
ROV-060	600	white/colour	70	length minus 49	42	52	177	27	92	1.32	1.2	0.5
ROV-080	800	white/colour	70	length minus 49	42	68	232	35	119	1.32	1.5	0.6
ROV-100	1000	white/colour	70	length minus 49	42	83	283	42	143	1.32	1.8	0.7
ROV-120	1200	white/colour	70	length minus 49	42	98	334	50	171	1.32	2.1	0.8
ROV-140	1400	white/colour	70	length minus 49	42	113	386	58	198	1.31	2.4	0.9
ROV-160	1600	white/colour	70	length minus 49	42	127	433	65	222	1.31	2.7	1.0
ROV-180	1800	white/colour	70	length minus 49	42	142	485	73	249	1.31	3.0	1.1
ROV-200	2000	white/colour	70	length minus 49	42	157	536	81	276	1.31	3.3	1.3
ROV-220	2200	white/colour	70	length minus 49	42	173	590	89	304	1.31	3.6	1.4
Zehnder Roda ROVD double, data per vertical tube												
ROVD-060	600	white/colour	93	length minus 49	66	78	266	40	136	1.33	2.1	0.8
ROVD-080	800	white/colour	93	length minus 49	66	100	341	51	174	1.33	2.7	1.0
ROVD-100	1000	white/colour	93	length minus 49	66	122	416	62	212	1.33	3.4	1.3
ROVD-120	1200	white/colour	93	length minus 49	66	144	491	73	249	1.33	4.0	1.5
ROVD-140	1400	white/colour	93	length minus 49	66	166	566	84	287	1.33	4.6	1.7
ROVD-160	1600	white/colour	93	length minus 49	66	187	638	95	324	1.32	5.2	1.9
ROVD-180	1800	white/colour	93	length minus 49	66	209	713	106	362	1.32	5.8	2.2
ROVD-200	2000	white/colour	93	length minus 49	66	231	788	118	403	1.32	6.4	2.4
ROVD-220	2200	white/colour	93	length minus 49	66	253	863	129	440	1.32	7.0	2.6
To calculate the number of tubes required, allow 74mm per tube												
Max. Working Pressure: 4 bar			Test House: CETIAT									
Max. Working Temperature: 110°C			Test House No: 1623									

Zehnder Roda (page 50)

Made to Measure Options												
Model code	Height mm	Finish	Overall Projection mm	Pipe Centres mm		Outputs ΔT=50K		Outputs ΔT=30K		n Exponent	Weight kg	Water Content litres
				radiator	from wall	Watts	Btu	Watts	Btu			
Zehnder Roda ROH single, data per linear metre												
ROH-030	296	white/colour	70	length minus 68	42	344	1174	179	611	1.28	6.6	2.6
ROH-037	370	white/colour	70	length minus 68	42	425	1450	221	754	1.28	8.3	3.5
ROH-044	444	white/colour	70	length minus 68	42	505	1723	263	897	1.28	9.9	4.2
ROH-052	518	white/colour	70	length minus 68	42	587	2003	306	1044	1.28	11.5	4.9
ROH-060	592	white/colour	70	length minus 68	42	665	2269	347	1184	1.28	13.1	5.6
ROH-067	666	white/colour	70	length minus 68	42	744	2539	388	1324	1.28	14.7	6.3
ROH-074	740	white/colour	70	length minus 68	42	823	2808	429	1464	1.28	16.4	7.0
Zehnder Roda ROHD double, data per linear meter												
ROHD-030	296	white/colour	93	length minus 68	66	591	2016	310	1058	1.26	12.8	5.0
ROHD-037	370	white/colour	93	length minus 68	66	715	2440	376	1283	1.26	16.0	6.3
ROHD-044	444	white/colour	93	length minus 68	66	835	2849	438	1494	1.26	19.2	7.6
ROHD-052	518	white/colour	93	length minus 68	66	953	3252	500	1706	1.26	22.3	8.8
ROHD-060	592	white/colour	93	length minus 68	66	1069	3647	561	1914	1.26	25.5	10.1
ROHD-067	666	white/colour	93	length minus 68	66	1183	4036	621	2119	1.26	28.6	11.3
ROHD-074	740	white/colour	93	length minus 68	66	1295	4419	679	2317	1.26	31.8	12.6
Max. Working Pressure: 4 bar			Test House: CETIAT									
Max. Working Temperature: 110°C			Test House No: 1623									

Zehnder Roda Spa (page 54)

Stock Models														
Model code	Height mm	Width mm	Finish	Overall Projection mm	Pipe Centres mm		Outputs ΔT=50K		Outputs ΔT=30K		n Exponent	Weight kg	Water Content litres	Max. Immersion Rating
					radiator	from wall	Watts	Btu	Watts	Btu				
RO-060-100	667	1000	white/colour	98 to 113	932	70 to 85	656	2238	343	1170	1.27	14.6	5.5	400
RO-070-050	741	500	white/colour	98 to 113	432	70 to 85	377	1286	197	672	1.27	8.2	3.7	250/200
RO-100-050	1037	500	white/colour	98 to 113	432	70 to 85	504	1720	265	904	1.26	12.2	5.1	300
RO-120-050	1259	500	white/colour	98 to 113	432	70 to 85	583	1989	308	1051	1.25	14.0	6.1	400
RO-150-050	1481	500	white/colour	98 to 113	432	70 to 85	691	2358	367	1252	1.24	16.5	7.3	500/400
RO-180-050	1851	500	white/colour	98 to 113	432	70 to 85	817	2788	438	1494	1.22	21.5	9.2	500/400
RO-180-060	1851	600	white/colour	98 to 113	532	70 to 85	980	3344	525	1791	1.22	23.5	10.3	600
RO-180-080	1851	800	white/colour	98 to 113	732	70 to 85	1307	4460	701	2392	1.22	31.5	12.5	900/600
Max. Working Pressure: 4 bar			Test House: CETIAT											
Max. Working Temperature: 110°C			Test House No: 1623											

Zehnder Roda Spa Asym (page 56)

Stock Models														
Model code	Height mm	Width mm	Finish	Overall Projection mm	Pipe Centres mm		Outputs ΔT=50K		Outputs ΔT=30K		n Exponent	Weight kg	Water Content litres	Max. Immersion Rating
					radiator	from wall	Watts	Btu	Watts	Btu				
ROFL-080-055	805	550	white/colour	98 to 113	50	75 to 85	429	1464	228	778	1.23	10	4.3	300
ROFL-120-055	1183	550	white/colour	98 to 113	50	75 to 85	594	2027	314	1071	1.25	14	6.3	400
ROFL-170-055	1676	550	white/colour	98 to 113	50	75 to 85	809	2760	424	1447	1.27	20	8.8	500/400
ROFR-080-055	805	550	white/colour	98 to 113	50	75 to 85	429	1464	228	778	1.23	10	4.3	300
ROFR-120-055	1183	550	white/colour	98 to 113	50	75 to 85	594	2027	314	1071	1.25	14	6.3	400
ROFR-170-055	1676	550	white/colour	98 to 113	50	75 to 85	809	2760	424	1447	1.27	20	8.8	500/400
Max. Working Pressure: 4 bar			Test House: CETIAT											
Max. Working Temperature: 110°C			Test House No: 1623											

Zehnder Stellar Spa (page 60)

Stock Models														
Model code	Height mm	Width mm	Finish	Overall Projection mm	Pipe Centres mm		Outputs ΔT=50K		Outputs ΔT=30K		n	Weight kg	Water Content litres	Max. Immersion Rating
					radiator	from wall	Watts	Btu	Watts	Btu	Exponent			
STGI-060-045	572	450	polished	90 to 100	420	75 to 85	161	549	84	287	1.27	3.1	1.8	100/n/a
STGI-060-100	572	1000	polished	90 to 100	970	75 to 85	272	928	144	491	1.24	5.3	3.0	150/120
STGI-080-030	788	300	polished	90 to 100	270	75 to 85	171	583	89	304	1.28	3.4	2.0	100/n/a
STGI-080-045	788	450	polished	90 to 100	420	75 to 85	220	751	115	392	1.27	4.2	3.0	100/n/a
STGI-080-050	788	500	polished	90 to 100	470	75 to 85	234	798	122	416	1.26	4.4	2.7	150/120
STGI-080-060	788	600	polished	90 to 100	570	75 to 85	243	829	128	435	1.26	5.0	3.2	150/120
STGI-120-030	1220	300	polished	90 to 100	270	75 to 85	240	819	125	427	1.28	5.2	3.1	150/120
STGI-120-045	1220	450	polished	90 to 100	420	75 to 85	309	1054	161	549	1.28	6.5	3.9	200
STGI-120-050	1220	500	polished	90 to 100	470	76 to 85	353	1204	182	621	1.28	6.6	4.1	250/200
STGI-120-060	1220	600	polished	90 to 100	570	75 to 85	379	1293	197	672	1.28	7.7	4.6	250/200
STGI-150-045	1508	450	polished	90 to 100	420	75 to 85	361	1232	187	639	1.28	7.8	4.7	300
STGI-150-060	1508	600	polished	90 to 100	570	75 to 85	448	1529	233	795	1.28	9.3	5.6	300
STGI-170-045	1724	450	polished	90 to 100	420	75 to 85	434	1481	226	771	1.28	9.4	5.3	300
STGI-170-050	1724	500	polished	90 to 100	470	77 to 85	477	1628	247	843	1.27	9.3	5.7	300
STGI-170-060	1724	600	polished	90 to 100	570	75 to 85	517	1764	270	921	1.27	11.2	6.5	300
STGI-060-045	572	450	painted	90 to 100	420	75 to 85	219	747	117	401	1.23	3.1	1.8	150/120
STGI-060-100	572	1000	painted	90 to 100	970	75 to 85	394	1344	211	721	1.23	5.3	3.0	250/200
STGI-080-030	788	300	painted	90 to 100	270	75 to 85	218	744	117	399	1.23	3.4	2.0	150/120
STGI-080-045	788	450	painted	90 to 100	420	75 to 85	294	1003	158	538	1.23	4.2	3.0	200
STGI-080-050	788	500	painted	90 to 100	470	79 to 85	313	1068	166	566	1.23	4.4	2.7	200
STGI-080-060	788	600	painted	90 to 100	570	75 to 85	363	1239	194	661	1.23	5.0	3.2	250/200
STGI-120-030	1220	300	painted	90 to 100	270	75 to 85	332	1133	177	604	1.23	5.2	3.1	200
STGI-120-045	1220	450	painted	90 to 100	420	75 to 85	448	1529	239	815	1.24	6.5	3.9	300
STGI-120-050	1220	500	painted	90 to 100	470	80 to 85	512	1747	270	921	1.24	6.6	4.1	300
STGI-120-060	1220	600	painted	90 to 100	570	75 to 85	554	1890	294	1003	1.24	7.7	4.6	300
STGI-150-045	1508	450	painted	90 to 100	420	75 to 85	556	1897	297	1012	1.24	7.8	4.7	300
STGI-150-060	1508	600	painted	90 to 100	570	75 to 85	687	2344	367	1251	1.24	9.3	5.6	400
STGI-170-045	1724	450	painted	90 to 100	420	75 to 85	640	2184	343	1171	1.23	9.4	5.3	400
STGI-170-050	1724	500	painted	90 to 100	470	81 to 85	704	2402	373	1273	1.23	9.3	5.7	500/400
STGI-170-060	1724	600	painted	90 to 100	570	75 to 85	791	2699	422	1440	1.23	11.2	6.5	500/400

Max. Working Pressure: 10 bar
Max. Working Temperature: 120°C

Test House: HLK STUTTGART
Test House No: 0626

Zehnder Zeta (page 62)

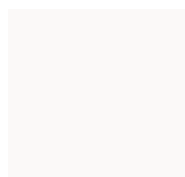
Stock Models														
Model code	Height mm	Width mm	Finish	Overall Projection mm	Pipe Centres mm		Outputs ΔT=50K		Outputs ΔT=30K		n Exponent	Weight kg	Water Content litres	Max. Immersion Rating
					radiator	from wall	Watts	Btu	Watts	Btu				
PQ6-080-050	800	500	white	81	468	65	324	1105	172	587	1.24	6.4	2.2	200
PQ6-120-050	1200	500	white	81	468	65	476	1624	253	863	1.24	10.1	3.7	300
PQ6-160-050	1600	500	white	81	468	65	647	2208	345	1177	1.23	13.3	4.6	400
PQ6-080-050-0346	800	500	anthracite	81	468	65	324	1105	172	587	1.24	6.4	2.2	200
PQ6-120-050-0346	1200	500	anthracite	81	468	65	476	1624	253	863	1.24	10.1	3.7	300
PQ6-160-050-0346	1600	500	anthracite	81	468	65	647	2208	345	1177	1.23	13.3	4.6	400
PQ6C-080-050	800	500	chrome	81	468	65	203	689	107	365	1.26	6.4	2.2	200
PQ6C-080-060	800	600	chrome	81	568	65	235	792	124	423	1.25	7.4	2.6	200
PQ6C-120-050	1200	500	chrome	81	468	65	302	1034	157	536	1.28	10.0	3.7	300
PQ6C-120-060	1200	600	chrome	81	568	65	350	1204	184	628	1.26	11.4	4.4	400
PQ6C-160-050	1600	500	chrome	81	468	65	395	1344	206	703	1.27	13.2	4.6	400
PQ6C-160-060	1600	600	chrome	81	568	65	457	1559	239	815	1.27	15.3	5.5	400

Max. Working Pressure: 4 bar
Max. Working Temperature: 120°C

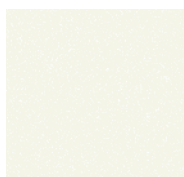
Test House: HLK STUTTGART
Test House No: 0626

Colours & Finishes

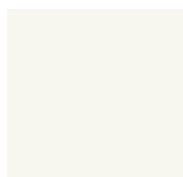
Architectural



0556 White (matt)



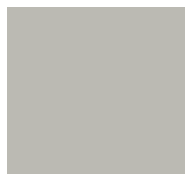
0521 White Quartz (quartz)



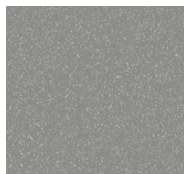
RAL 9010 Pure White (gloss)



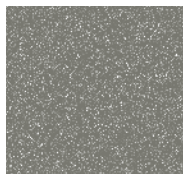
0332 Inox Look (gloss)



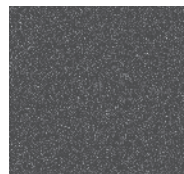
9006 White Aluminium (gloss)



0335 Titane (gloss)



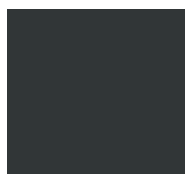
9007 Grey Aluminium (gloss)



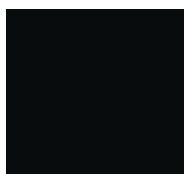
0346 Anthracite (matt)



0336 Volcanic (matt)



RAL 7016 Anthracite Grey (gloss)



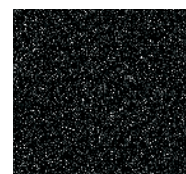
RAL9017 Traffic Black (gloss)



RAL 9005 Jet Black (gloss)



0557 Matt Black (matt)



0550 Black Quartz (quartz)

Tonic



0515 Lemon (gloss)



RAL 1023 Traffic Yellow (gloss)



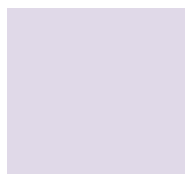
0528 Orange Quartz (quartz)



RAL 3000 Flame Red (gloss)



RAL 3003 Ruby Red (gloss)



0517 Mauve (gloss)



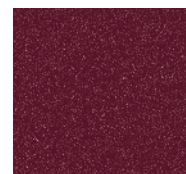
0518 Violet (gloss)



3770 Strawberry (matt)
NCS-S-2065-R20B



0848 Dark Purple (matt)



0516 Amethyst Quartz (quartz)



8723 Lichen (matt)
NCS-S-2010-G60Y



0846 Spring Green (matt)



0519 Pacific Blue (matt)

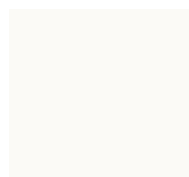


0520 Horizon Blue (gloss)

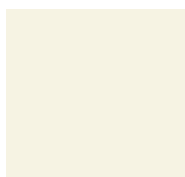


0555 Prussian Blue (gloss)

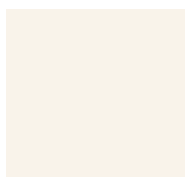
Natural



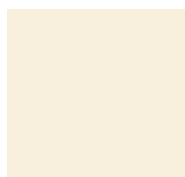
0067 Edelweiss
(matt)



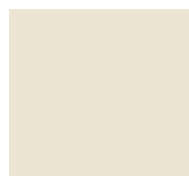
RAL 9001 Cream
(gloss)



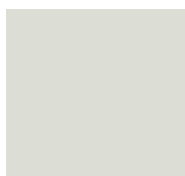
0081 Pergamon
(gloss)



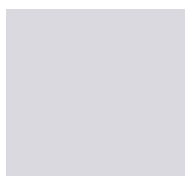
0072 Jasmine (matt)



RAL 1013 Oyster White
(gloss)



RAL 9002 Grey White
(gloss)



0064 Chinchilla
(matt)



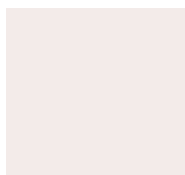
0077 Manhattan
(gloss)



0035 Natura (gloss)



0054 Bahama (gloss)



0510 Petal (gloss)



0522 Sand Quartz
(quartz)



0523 Beige Quartz
(quartz)



0511 Caramel Quartz
(quartz)



0512 Terracotta Quartz
(quartz)



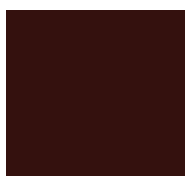
0514 Gold Look
(gloss)



0529 Brown Quartz
(quartz)



0847 Dark Brown
(matt)



RAL 8017 Chocolate Brown
(gloss)

Surfaces



0008 Chrome



Stainless Steel
Only available for stainless steel radiators



0325 Technoline (Clear)
Only available for Charleston range



0422 Black-silver hammered finish (gloss) Only available for Charleston range



0421 Copper-black hammered finish (gloss) Only available for Charleston range

Standard



RAL 9016 Traffic White (gloss)
All standard white radiators come in a gloss finish.



RAL 9016 Traffic White (matt)
(incurs +25% colour surcharge)

This colour chart only represents the range of Zehnder colours available. It is not representative of the actual colour finish. Please ask for a colour chart from which to confirm your selection before placing your order.

Some colours are available in alternate matt or gloss finish please contact our sales team for further details.

Some colours/surface finishes are only available for selected products.

Deviations are possible (shade and shine) due to the different manufacturing techniques used for the original colours. RAL and NCS are manufacturer designations.

General Information

Heat Loss Calculator

This easy-to-use heat calculator can work out the heat requirements for your room.

Stage 1 Take the room dimensions in metres

Width m Length m Height m

calculate the volume ($W \times L \times H$) = cubic metres

Stage 2 Heating requirements per room type

Living Room / Dining Room / Bathroom volume

multiply volume as calculated in Stage 1 by 50 = Watts required

Bedroom volume

multiply volume as calculated in Stage 1 by 40 = Watts required

Kitchen / Hallway volume

multiply volume as calculated in Stage 1 by 30 = Watts required

Stage 3 Other factors for consideration

Is the property exposed? a

Does the room have large areas of glazing? b

Are the windows double glazed? c

If factor 'a' applies, increase the Watts required at Stage 2 by 15%

If factor 'b' applies, increase the Watts required at Stage 2 by 20%

If factor 'c' applies, decrease the Watts required at Stage 2 by 10%

If factor 'a' and 'b' apply, increase the Watts required at Stage 2 by 35%

If factor 'a' and 'c' apply, increase the Watts required at Stage 2 by 5%

If factor 'b' and 'c' apply, increase the Watts required at Stage 2 by 10%

If factor 'a', 'b' and 'c' apply, increase the Watts required at Stage 2 by 25%

Please note that this calculator is provided as a guide only.

To convert Watts to BTUs, multiply by 3.412.

For an approximate conversion from $\Delta T50^{\circ}\text{C}$ to $\Delta T60^{\circ}\text{C}$, multiply the $\Delta T50^{\circ}\text{C}$ output by 1.2.

Terms and Conditions of Trading

A complete copy of the company's terms and conditions of trading are available on our website www.zehnder.co.uk

In addition to the Terms and Conditions, please note the following:

- All delivery times quoted are estimates only. Prices quoted include free delivery to the UK mainland for radiators and towel rails. Orders for valves, fans, elements and accessories with a net order value under £100 are subject to a processing charge of £10 + VAT
- Returned goods for credit will only be accepted by prior arrangement (confirmed in writing), within 8 weeks of the date of despatch, where the goods are part of our stock range and where the goods are as fit for sale on their return as they were on delivery. If goods have been fitted this is deemed as acceptance of their quality. We cannot accept the return of non-stock goods.
- Damaged products are to be reported to us within 3 days of delivery. Zehnder cannot be held responsible for any damage after onward delivery. Faulty products are to be reported to us as soon as possible. If the items have been installed, you are in acceptance of it's condition and Zehnder reserve the right to refuse credit.
- You are responsible for ensuring the suitability, conformity and interoperability of the goods or indicative system design suggestions provided by us with your heating system and your design requirements. It is important that you undertake such verification with an appropriately qualified expert third party
- Where a radiator is returned as no longer required and an alternative radiator is not ordered a 25% restocking fee plus a £10 administration fee will be charged (unless the goods were defective when delivered). If a radiator is no longer required but an alternative radiator is ordered, either a restocking fee of £25 or 25% of the value (whichever is the lower) will be charged, but the administration fee will be waived.
- We warrant the goods for a period of 5 years for steel radiators, 10 years for stainless steel and aluminium radiators, 2 years for radiator electrical componentry and 3 years for extractor fans, from the date of delivery. The warranty is subject to correct installation to current standards/water treatments and use.
- Radiators with steel components (other than stainless steel) must not be installed on a domestic hot water circuit. If a stainless steel or brass product is to be installed on the domestic hot water circuit, a check should be made with the local water authority to ensure that dezincification is not a common occurrence.
- Artificially softened water should not be used to fill radiators. For FAQ radiator/water-related information, visit www.fernox.com.
- All measurements given in this brochure are nominal dimensions only.
- All brochures, catalogues and other promotional materials are to be treated as illustrative only. Their contents form no part of any contract between us and you should not rely on them in entering into any contract with us. Any typographical, clerical or other error or omission in any literature, quotation, price list, or other document issued by us will be subject to correction without liability being incurred by us.
- All VAT calculated at 20%
- Orders for non-stock items such as made to measure and made to order (as identified as such in our brochure for Zehnder which was in circulation at the date you placed the relevant order) which we have accepted cannot be varied and/or cancelled once manufacturing has begun or special material and/or equipment has been ordered by us. Any variation with the order has to be communicated within 24 hours of the order acceptance.

Bathroom Zones

The diagram below shows a bathroom divided into four clear zones: 0, 1, 2 and outside zones. Please note, the diagram is only a guide and is NOT to scale. Please refer to I.E.E Wiring Regulations (BS 7671:2008) for detailed information.

Zone 0: Inside the bath

Zone 1: Area above bath / shower tray to a height of 2.25m.

Minimum rating of IPX4 should be used unless water spray will be present. In this case, a rating of IPX5 should be used.

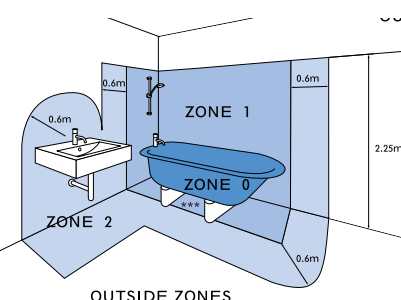
Zone 2: Area stretching 0.6m from zone 1. Minimum rating of IPX4 should be used here.

Outside Zones: No water spray is likely to be used here, therefore, no IP rating is required.

IP Rating: "X" denotes level of security against dust particles. Second digit denotes level of "watertightness".

IPX5: Protected against low pressure water jets

IPX4: Protected against splashing water



Frequently Asked Questions

Why is it important with some of the models that the flow is in a specific connection position?

Some of the design radiators have baffles inside the water-carrying tubes to divert the water flow around the whole radiator to maximize efficiency. Check the installation instructions to see if this applies to the radiator before it is installed.

What is an inhibitor and why should it be used in a central heating system?

An inhibitor is a chemical mix that should be added to the central heating system water to prevent corrosion and to prolong the life of the system. When new or additional radiators are being installed, the system should be drained, cleaned and flushed in accordance with BS7593 and a good quality chemical water treatment inhibitor should be added to the heating system.

Can steel and aluminium radiators be put on the same system?

Yes, as long as an inhibitor for mixed metal systems is used. In reality, most systems are already mixed metal, as many have aluminium heat exchangers in the boiler, plus copper pipes and steel radiators already installed.

Why is it important to use dual energy installations correctly?

Simultaneous use of the electrical element and the central heating system should be avoided as this will shorten the life of the element and invalidate the warranty. Correct use is as follows: In summer when the central heating is switched off, vent the radiator to ensure there is no air present, then close the flow valve (only) and activate the immersion heater. In winter, de-activate the immersion heater and open the flow valve.

What is the difference between outputs listed at $\Delta T60^{\circ}\text{C}$ and $\Delta T50^{\circ}\text{C}$?

$\Delta T60^{\circ}\text{C}$ allows for older boiler systems, whilst $\Delta T50^{\circ}\text{C}$ is the new European testing standard for modern boilers, such as condensing boilers, which have lower flow and return temperatures. Therefore, to avoid radiators being incorrectly sized, it is important to know the system's temperatures and take them into consideration.

Get connected!



Zehnder radiators



ZehnderRadUK



Zehnder_UK

Have you got an upcoming project? Make sure you tag us and we will be happy to share your story!

Notes

[illegible]

Zehnder Group UK Ltd
Concept House • Watchmoor Point • Camberley • Surrey • GU15 3AD • Registered in England: 2296696
T: +44 (0) 1276 605800 F: +44 (0) 1276 24058
For placing an order • orders@zehnder.co.uk
For general enquiries • retailsales@zehnder.co.uk
aftersales@zehnder.co.uk
quotes@zehnder.co.uk
www.zehnder.co.uk

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