

zehnder

always the
best climate

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

Always the best climate for

HEATING YOUR HOME

The Zehnder Selection of Decorative
Radiators, Towel Rails and Extractor Fans
January 2021

BKU
AWARDS
bathroom and kitchen update

WINNER

BEST HEATING BRAND

Our individual decorative radiators for living areas and bathrooms

not only make a home warmer but also more attractive.



Follow us on social



@ZehnderRadUK



Zehnder Radiators



Zehnder_UK

A lifestyle choice for your home

Classic or contemporary, modern or traditional, our radiators suit any interior style.

Size doesn't matter. Whether it's a tiny cloakroom or a large living space, we have the solutions to match.



Designed for effortless installation

With easy-to-use hanging brackets, return and flow either left or right, and the option to have pipes from the wall or floor on most of our models, installing our radiators is effortless.

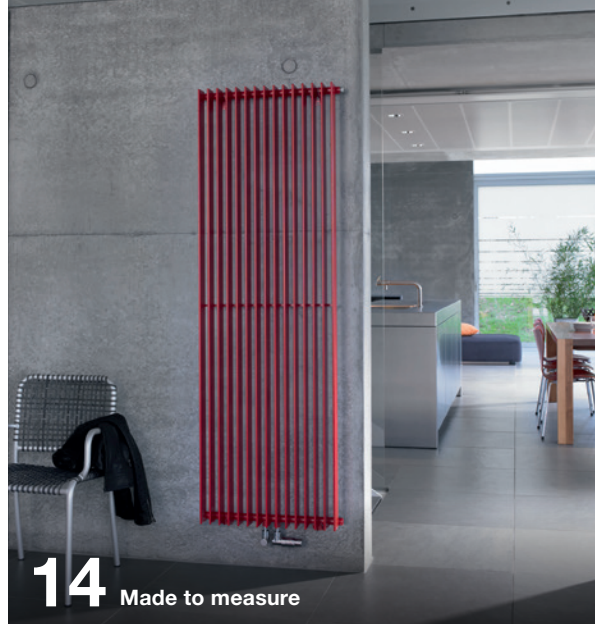


Introduction

05-17

Welcome to the Zehnder January 2021 Selection brochure, your guide to creating the ideal climate with the perfect radiator.

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The perfect solution for any home	10
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14 Made to measure

Our products

18-99

We have products to suit every room, style and space, including bathrooms and kitchens.



48 Zehnder
Klaro Volcanic

Know how

100-139

All the technical information and details you need to create the best indoor climate.

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106 Accessories

You are what you Heat

The Manufacturers Association of Radiators and Convectors (MARC), is committed to product satisfaction and consumer assurance and as members Zehnder pledge to raise standards and compliance, through a series of initiatives the first one being a targeted consumer campaign.



Launched in July 2020, the 'You are what you Heat' campaign explains the importance of having, *CE markings on all radiators. This ensures heating systems and homes are fit and healthy and consumers are receiving high-quality and fully tested & approved products.

What will happen if I end up with a radiator that is "under sized" due to incorrectly published outputs?

- 1 It will not adequately heat the space it was purchased to do
- 2 In order for you to be warm enough, it will be necessary to run the boiler at higher temperatures than would have been necessary
- 3 You will burn more fuel and in turn create more CO2 emissions
- 4 Burning more fuel will increase your heating costs
- 5 This may affect the life cycle of the boiler or heat source

By purchasing a Zehnder radiator you do not have to worry about any of the above.

All of our radiators are independently tested and conform to the highest of standards. As proud members of MARC, Zehnder have and will continue to play an integral part in delivering high-quality heating products with true heat outputs.

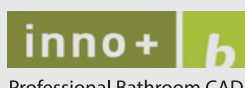
To find out more visit: <https://www.zehnder.co.uk/company/news/marc-you-are-what-you-heat>



Affiliated companies



Zehnder are proud to be members of The Manufacturer's Association of Radiators and Convectors, an organisation established to focus on creating & maintaining the highest industry practices and standards.



Zehnder products are included in the inno+ professional bathroom CAD package meaning you can see your radiator before your bathroom is installed.



Zehnder products are included in the Virtual Worlds design software meaning you can see how your radiator will look in your bathroom before it is installed.



Zehnder products are available in the eq software package, making it easy for showrooms to add these to an overall bathroom order.

Eco Design Regulations for electric heating



RIGHTLINE (UE) 2015/1188

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 was one of the biggest changes the electric heating industry has experienced in decades.

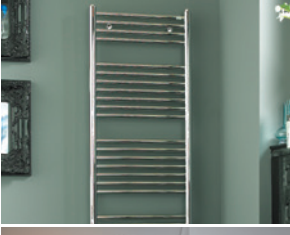
Zehnder products that fall within the scope of the Eco Design Directive offer high quality performance with efficient controls to help reduce unnecessary energy wastage and running costs including;

- Low energy consumption when on stand-by (<0.5 watts)
- Programmable operation (weekly)
- Open window detection

Accreditations correct at date of print November 2020

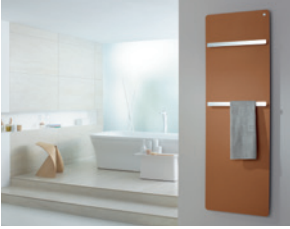
Contents

		Product	CE technical data
	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.		18 -
	Ax Spa With its single or double tube options, the unique Ax Spa can meet all bathroom-heating requirements. It is also available as an oil-filled electric radiator. Smaller sizes ideal for fitting under bathroom windows, or within cloakrooms and en-suites.	   	20 117
	Ax The Made to Measure Ax, with its unique slim-line single or double tubes, can meet any central heating requirement.	  	24 117
	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.		26 118
	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.		28 118
	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.	  	30 119
	Charleston Bar The popular Charleston Bar multi-column with chrome towel bar combines warmth and practicality. Perfect for kitchens and bathrooms. Small sizes ideal for fitting within cloakrooms and en-suites	 	38 118
	Charleston 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.	 	40 -

			Product	CE technical data
	Charleston Plinth Electric The Charleston Plinth low level model is perfectly suited to conservatories for use in front of low-level windows.	 	40	-
	Excelsior The contemporary Excelsior has narrow, vertical, flattened oval steel tubes which give a high heat output. The Excelsior has a fast reaction time and heats up your home quickly. The Excelsior range is made to order to fit your requirements.	  	42	121
	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.	 	46	-
	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.	   	48	122
	Kleo Elegant Kleo single or double tubed horizontal radiators stocked in white and available in Made to Measure options.	  	52	122
	Metropolitan The Metropolitan has a contemporary, minimalist appearance. Designed in Italy by the award-winning King & Miranda, the Metropolitan has beautiful clean lines creating a geometric shape. Smaller sizes ideal for fitting under bathroom windows.	 	56	123
	Metropolitan Spa The Metropolitan Spa towel radiator brings an elegant, spa-like style to any modern bathroom. Connections and air vents are neatly hidden to maintain purity of the design. Smaller sizes ideal for fitting within cloakrooms and en-suites.	   	60	124
	Nobis The Nobis towel radiator with its elegant patented chrome finish and unique contemporary joints is equally perfect for both traditional and modern bathrooms and is also suitable for installation on hot water systems.	 	62	124

Contents

			Product	CE technical data
	Quaro Spa The Quaro Spa has an elegant square profile frame and horizontal heating pipes. Beautifully designed with clarity and simplicity, even the right-angled wall brackets are stylish. Smaller sizes ideal for fitting within cloakrooms and en-suites.	   	64	124
	Ribbon The super sleek and stylish Ribbon towel radiator is suitable for modern bathroom interiors and available in a range of sizes, and in over 50 finishes including chrome, white and matt black.	   	66	124
	Roda A simple, effective and efficient radiator, the Roda is perfect for all living areas, and is also available Made to Measure.	  	70	125
	Roda Electric The Electric Roda range of efficient decorative radiators, is available in horizontal or vertical versions, perfect for all living areas.	 	74	-
	Roda Mirror With a full-length mirror to enhance its elegance, the Roda Mirror radiator is a stylish asset to any home.	  	76	126
	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.	  	78	126
	Roda Spa Electric The Roda Spa Electric creates an interplay between modern design, warmth and well-being. Available in almost any colour and finish from the Zehnder colour chart.	 	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. The central heating model is available with horizontal tubes facing either left or right.	   	80	127

		Product	CE technical data
	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.	 	82 -
	Sfera Bow The Sfera Bow exudes elegance with its sophisticated gently curved and slender tubes, which are not only aesthetically appealing, but also provide ample space for drying towels.	  	84 127
	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.	   	86 128
	Subway The Subway is a simple yet elegant towel rail. Stocked in either white, chrome and three other colours as standard. Also available in a variety of colours from the Zehnder colour chart. Smaller sizes ideal for fitting within cloakrooms and en-suites.	     	88 128
	Vitalo Bar The Vitalo Bar has an incredibly slim 16mm profile and is manufactured from corrosion-resistant, high-grade materials. Designed by renowned designers King & Miranda, the Vitalo Bar is economical and quick to heat up, making it extremely economical.	  	96 129
	Yucca Asym The Yucca Asym is a beautiful but practical towel rail. Available with single or double tubes in either white or chrome, the Yucca Asym can be installed perpendicular to the wall to create a partition.	  	98 129

Key



Central Heating



Electric Radiators



Dual Energy Radiators



Suitable for domestic water



Made to Measure



Bespoke colour options available



Delivery working days applies to stock items only



Delivery weeks applies to non-stocked items

Please be aware made to order radiators such as curved and angled radiators can take up to 8 weeks.



Warranties



All radiators have a 5 Year Warranty apart from electric radiators which have 2 Year, and stainless steel radiators which have 10 Year. All of our extractor fans have a 3 Year warranty.



We have the perfect solution for any home

Contemporary Urban Spaces

Suitable for the interiors of today's modern living spaces, our range of contemporary radiators create a true feature in any room.

Zehnder Metropolitan
Page 56



Classic Country Homes

Classic country homes deserve a touch of traditional, timeless elegance. Our range of column radiators bring style to any room.

Zehnder Charleston
Page 30



Elegant City Townhouses

Combining beauty and brains, our range of electric, dual fuel and central heating radiators provide cost-effective heating and are at home in any elegant townhouse.

Zehnder Fare Tech
Page 46



Efficient Family Living

Providing towel drying space for all the family, our range of towel warmers and radiators are not only efficient and practical; they are also stylish.

Zehnder Yucca Assym
Page 98



...and any space

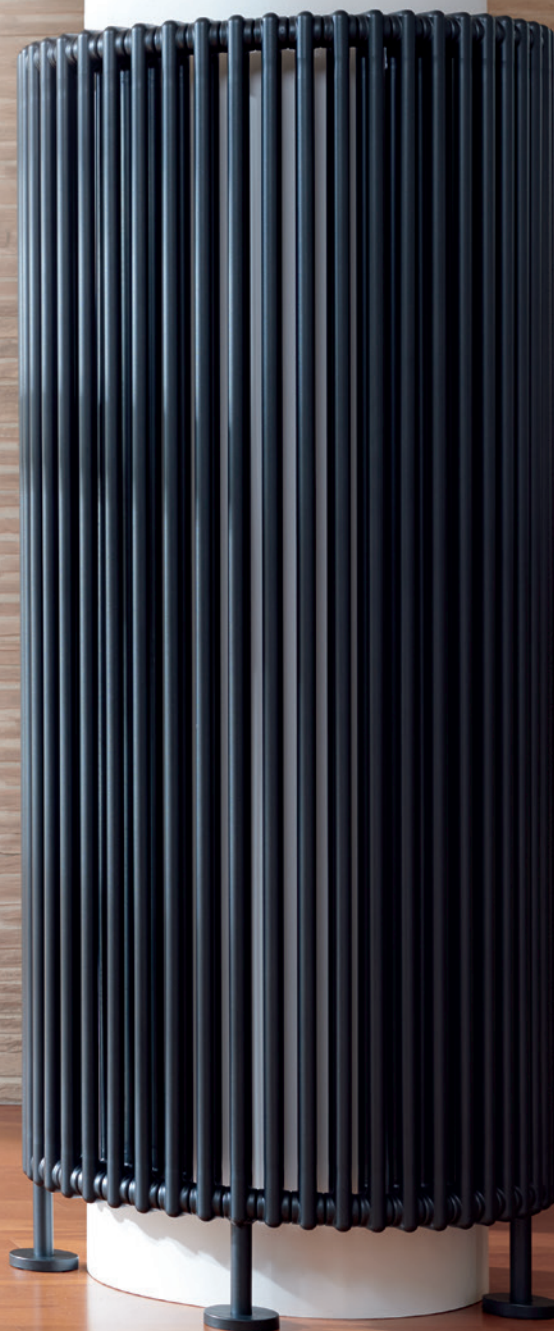
Engineered to Order (ETO)

Any size, any space. The Zehnder Engineered to Order (ETO) range makes more of even the most awkward of spaces, offering unlimited options and countless opportunities.

- Pick your space where you would like your radiator to go
e.g. lofts, stairways, around the pillar
- Contact your local Zehnder showroom to discuss your options
- Agree shapes style and colour of your radiator for this to be designed manufactured and installed into your home



Zehnder Excelsior trapezoidal
Page 42



Zehnder Charleston curved
Page 30

Engineered

Zehnder Roda angled
Page 70



Zehnder Charleston angled
Page 30

Zehnder Roda curved
Page 70



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](http://www.zehnder.co.uk/products-and-systems/decorative-radiators/special-solutions)



Zehnder Excelsior trapezoidal
Page 42

Our expertise is our strength

Measured

Made to Measure

Zehnder radiators are very much part of the interior design planning process. Whether manufactured to a special size, angle or curve, our special radiator designs allow for a truly customised heating solution. Radiators no longer need to be hidden. They can set the scene for a room design, adding to the ambience and becoming a central aesthetic element of the interior decor.

To add the perfect radiator to your home

- Select the height you need to fit the space perfectly and to achieve your desired heat output
- Choose the colour, finish and valves to match your interior
- Add your accessories including towel bars and hooks, making your radiator functional as well as stylish



Zehnder Charleston Bar: Page 38



Zehnder Excelsior: Page 42

Look out for
the Made
to Measure
symbol



Zehnder Roda: Page 70

The art of Colour

Colours. Scientifically they are the visual perception of electromagnetic waves. Emotionally they are an expression of our personality. From our choice of clothing to our living environment, **colours bring out our individuality and define who we are.**

Look out for the colour symbol



Radiators with the colour wheel icon can be ordered in any colour or finish from the Zehnder colour chart. See page 139.

Zehnder's new Architectural, Tonic and Natural categories provide three coherent colour schemes encompassing all the related colours and shades. It's organised variety, to help you to find the right colour for your designer radiator, your environment and your personality.

Tonic



Fresh, dynamic, expressive. Tonic brings together the more intense shades of the spectrum. This category caters to living environments shaped by their boldness and confidence. Vibrant and striking, these colours create an inviting, lively atmosphere.



Zehnder Metropolitan Spa: Page 60

Architectural



Clear, analytical, puristic: The colours in the Architectural category are defined by their modern, urban objectivity. True to Mies van der Rohe's maxim that "less is more", this palette is characterised by its poised reservation, giving precedence to the design.



Zehnder Charleston Bar: Page 38



Zehnder Ribbon: Page 66

Natural



Warm, simple and connected to nature: The range of colours in the Natural category are gentle, neutral shades which give radiators and interiors a peaceful and calming touch. Ideal in bathrooms and living rooms to provide an overall feeling of comfort.

Zehnder Alura



Stocked Items

In stock items highlighted 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)	RRP (inc 20% VAT)
Zehnder Alura Electric								
ALE-050-036/F	575	372	white	3	500	7	£308	£369.60
ALE-075-046/F	575	472	white	4	750	9	£336	£403.20
ALE-100-056/F	575	572	white	5	1000	11	£379	£454.80
ALE-125-076/F	575	772	white	7	1250	15	£444	£532.80
ALE-150-086/F	575	872	white	8	1500	17	£492	£590.40
ALE-200-116/F	575	1172	white	11	2000	23	£604	£724.80

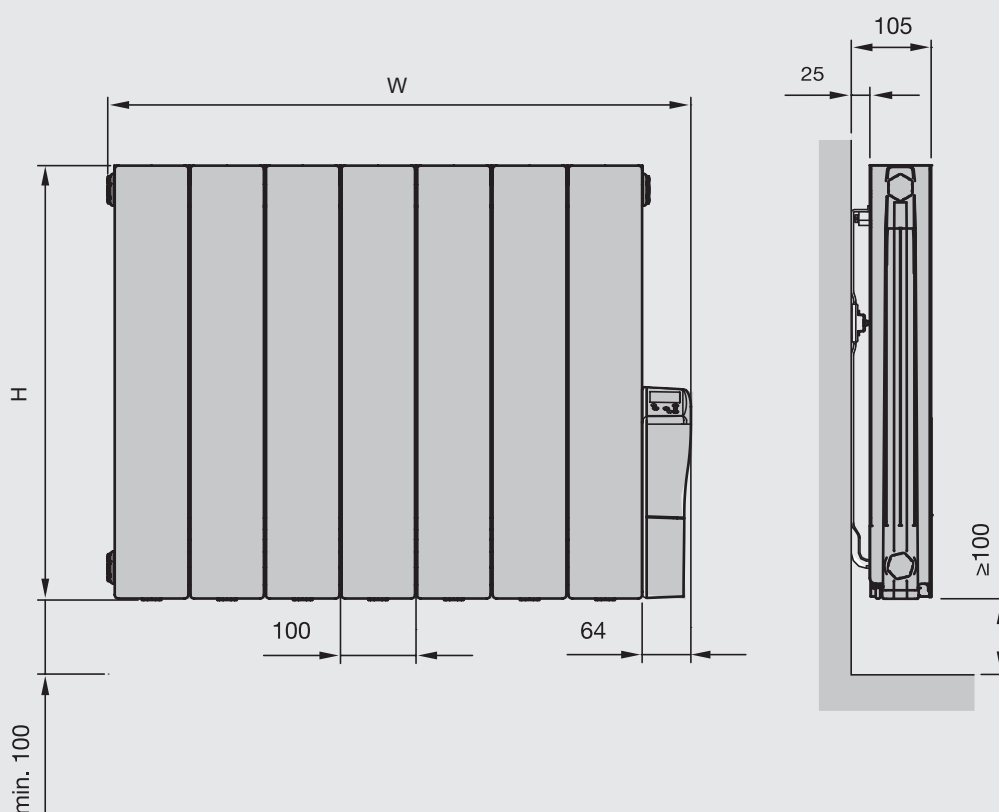
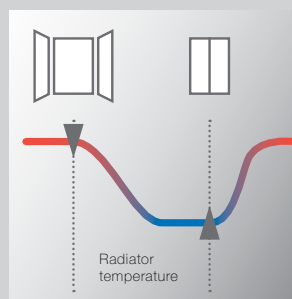
white (RAL 9010)

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.

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

The **Alura**, is a fast response electric aluminium radiator with a high heat output despite its compact size. It is lightweight and easy to install, plus the straightforward digital controls make it easy and economical to use. H shaped mounting brackets with a removable spirit level and locking system are also included.

eco
DESIGN

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Zehnder Ax Spa



Stocked Items

In stock items highlighted 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)	RRP (inc 20% VAT)
Zehnder Ax Spa Single tube							
ZA-048-040	484	400	white*	230/785	n/a	£160	£192.00
ZA-060-080	575	800	white*	458/1563	300	£223	£267.60
ZA-060-090	575	900	white*	515/1757	300	£242	£290.40
ZA-060-100	575	1000	white*	573/1955	300	£263	£315.60
ZA-060-120	575	1200	white*	687/2344	500	£302	£362.40
ZA-080-050	836	500	white*	427/1457	300	£200	£240.00
ZA-120-050	1188	500	white*	586/1999	300	£262	£314.40
ZA-120-060	1188	600	white*	685/2337	500	£297	£356.40
ZA-150-040	1540	400	white*	614/2095	400	£278	£333.60
ZA-150-050	1540	500	white*	738/2518	500	£323	£387.60
ZA-180-050	1804	500	white*	884/3016	600	£382	£458.40
ZA-048-040-0336	484	400	volcanic	230/785	n/a	£200	£240.00
ZA-060-080-0336	575	800	volcanic	458/1563	300	£279	£334.80
ZA-060-090-0336	575	900	volcanic	515/1757	300	£303	£363.60

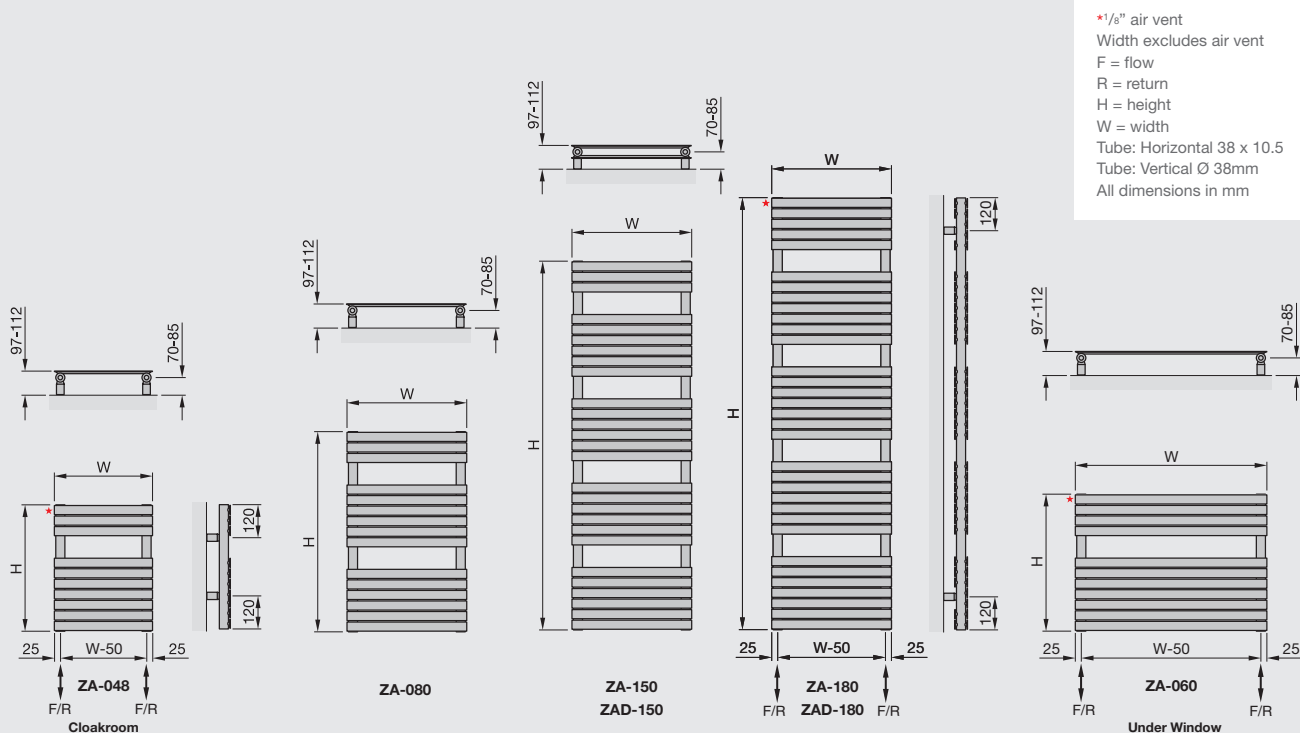
Zehnder Ax Spa Double tube							
ZAD-150-050	1540	500	white*	1049/3579	n/a	£533	£639.60
ZAD-180-050	1804	500	white*	1262/4306	n/a	£637	£764.40
ZAD-180-060	1804	600	white*	1485/5067	n/a	£743	£891.60

Projection: 97-112mm

*White (RAL 9016)

**Dual energy:** Self fit (additional cost to central heating model prices). Not available for ZAD. For more information please see page 114.**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.



With its single or double tube options, the unique **Ax Spa** can meet all bathroom-heating requirements. It is also available as an oil-filled electric radiator. Perfect for narrow spaces, and the hidden brackets allow maximum space for towels.



ZA-120-050 VOLCANIC 0336



ZA-060-080 VOLCANIC 0336



Zehnder recommends VALVE-SET-10-CR.
For more information see page 108.



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ZA-150-050 TRAFFIC WHITE 9016



ZA-060-080 TRAFFIC WHITE 9016 Under Window

Zehnder

Ax Spa Chrome and Electric



Stocked Items

In stock items highlighted 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)	RRP (inc 20% VAT)
Zehnder Ax Spa Single tube							
ZAC-080-050	836	500	chrome	300/1024	200	£458	£549.60
ZAC-120-050	1188	500	chrome	410/1399	300	£617	£740.40
ZAC-120-060	1188	600	chrome	480/1638	250	£707	£848.40
ZAC-150-040	1540	400	chrome	430/1467	300	£655	£786.00
ZAC-150-050	1540	500	chrome	520/1774	300	£774	£928.80
ZAC-180-050	1804	500	chrome	620/2115	400	£924	£1,108.80

**Dual energy:** Self fit (additional cost to central heating model prices). For more information please see page 114.

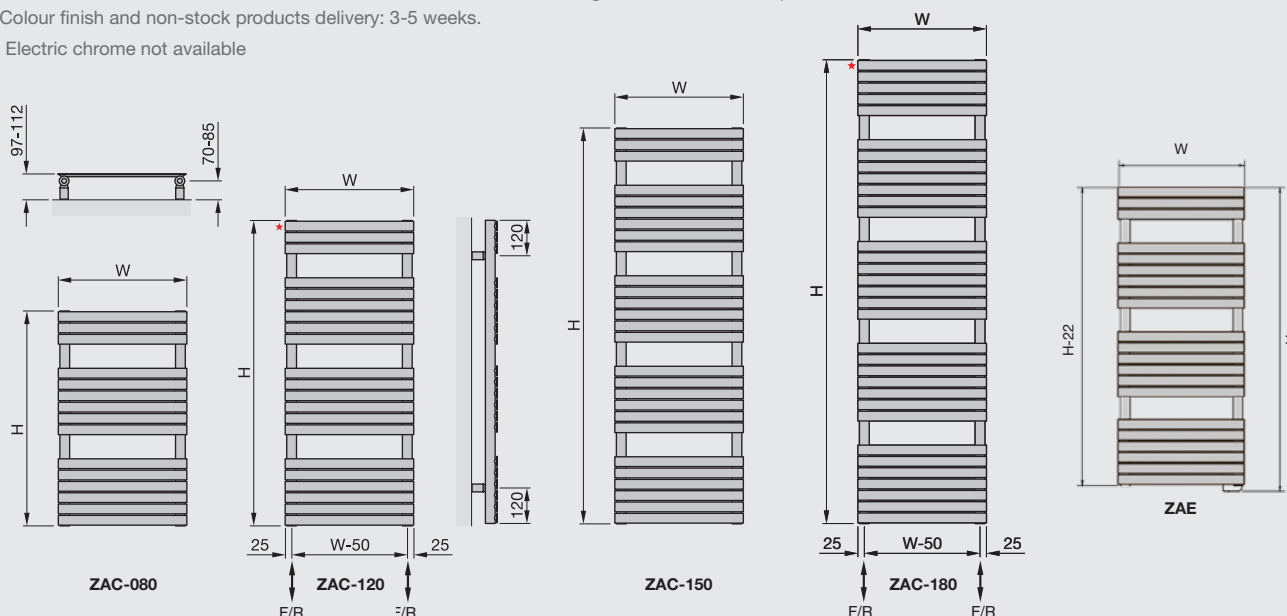
Electric Heating Model	Height mm	Width mm	Finish	Watts Radio frequency remote programmer IPX4 Zone 1 Bath, Zone 2 Shower, Class II	RRP (ex VAT)	RRP (inc 20% VAT)
Zehnder Ax Spa Electric						
ZAE-120-050/GF	1210	500	white*	500	£499	£598.80
ZAE-150-040/GF	1562	400	white*	500	£517	£620.40
ZAE-150-050/GF	1562	500	white*	750	£558	£669.60
ZAE-180-060/GF	1826	600	white*	1000	£657	£788.40
ZAE-180-080/GF	1826	800	white*	1250	£749	£898.80

Note: Height includes the immersion heater. (See diagrams below). Chrome finish not available for electric option.

*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.

Note: Electric chrome not available

Zehnder recommends VALVE-SET-10-CR.

For more information see page 108.

*1/8" air vent
 Width excludes air vent
 F = flow
 R = return
 H = height
 W = width
 Tube: Horizontal 38 x 10.5
 Tube: Vertical Ø 38mm
 Immersion heater: 22
 All dimensions in mm

The **Ax Spa** is available in modern chrome as well as a range of contemporary colours. The electric version offers a flexible bathroom heating solution.

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Electric Option
Radio frequency remote
programmer, see page 115.

eco
DESIGN

EN 442 CE

ZAC-120-050 CHROME 0008

Zehnder

Ax Made to Measure



Stocked Items

Width		Model Code / Height (mm)								
(mm)	No of tubes	ZAV-060 600	ZAV-080 800	ZAV-100 1000	ZAV-120 1200	ZAV-140 1400	ZAV-160 1600	ZAV-180 1800	ZAV-200 2000	ZAV-220 2200
 Zehnder Ax (ZAV) vertical single panel										
264	6	£104.00	£122.00	£140.00	£158.00	£176.00	£194.00	£212.00	£230.00	£248.00
352	8	£124.00	£148.00	£172.00	£196.00	£220.00	£244.00	£268.00	£292.00	£316.00
440	10	£144.00	£174.00	£204.00	£234.00	£264.00	£294.00	£324.00	£354.00	£384.00
528	12	£164.00	£200.00	£236.00	£272.00	£308.00	£344.00	£380.00	£416.00	£452.00
616	14	£184.00	£226.00	£268.00	£310.00	£352.00	£394.00	£436.00	£478.00	£520.00
704	16	£204.00	£252.00	£300.00	£348.00	£396.00	£444.00	£492.00	£540.00	£588.00
792	18	£224.00	£278.00	£332.00	£386.00	£440.00	£494.00	£548.00	£602.00	£656.00
880	20	£244.00	£304.00	£364.00	£424.00	£484.00	£544.00	£604.00	£664.00	£724.00
968	22	£264.00	£330.00	£396.00	£462.00	£528.00	£594.00	£660.00	£726.00	£792.00
Technical data per tube	Output 50ΔT Watts/BTU	33/113	42/143	51/174	60/205	70/239	79/270	88/300	98/334	107/365
Output calculation example 50Δt (watts): 1800H x 528L: 12 x 88 = 1056w										

Width		Model Code / Height (mm)								
(mm)	No of tubes	ZAVD-060 600	ZAVD-080 800	ZAVD-100 1000	ZAVD-120 1200	ZAVD-140 1400	ZAVD-160 1600	ZAVD-180 1800	ZAVD-200 2000	ZAVD-220 2200
 Zehnder Ax (ZAVD) vertical double panel										
264	6	£149.00	£179.00	£215.00	£245.00	£281.00	£317.00	£353.00	£383.00	£419.00
352	8	£185.00	£225.00	£273.00	£313.00	£361.00	£409.00	£457.00	£497.00	£545.00
440	10	£221.00	£271.00	£331.00	£381.00	£441.00	£501.00	£561.00	£611.00	£671.00
528	12	£257.00	£317.00	£389.00	£449.00	£521.00	£593.00	£665.00	£725.00	£797.00
616	14	£293.00	£363.00	£447.00	£517.00	£601.00	£685.00	£769.00	£839.00	£923.00
704	16	£329.00	£409.00	£505.00	£585.00	£681.00	£777.00	£873.00	£953.00	£1,049.00
792	18	£365.00	£455.00	£563.00	£653.00	£761.00	£869.00	£977.00	£1,067.00	£1,175.00
880	20	£401.00	£501.00	£621.00	£721.00	£841.00	£961.00	£1,081.00	£1,181.00	£1,301.00
968	22	£437.00	£547.00	£679.00	£789.00	£921.00	£1,053.00	£1,185.00	£1,295.00	£1,427.00
Technical data per tube	Output 50ΔT Watts/BTU	51/174	66/223	80/272	94/320	108/368	122/416	136/464	150/512	164/560
Output calculation example 50Δt (watts): 1800H x 528L: 12 x 136 = 1632w										

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
 Zehnder Ax (ZAH) horizontal single panel												
ZAH-026	264	6	308/1051	£128.00	£151.00	£174.00	£197.00	£220.00	£243.00	£266.00	£289.00	£312.00
ZAH-035	352	8	414/1413	£150.80	£181.40	£212.00	£242.60	£273.20	£303.80	£334.40	£365.00	£395.60
ZAH-044	440	10	520/1774	£173.60	£211.80	£250.00	£288.20	£326.40	£364.60	£402.80	£441.00	£479.20
ZAH-053	528	12	625/2133	£196.40	£242.20	£288.00	£333.80	£379.60	£425.40	£471.20	£517.00	£562.80
ZAH-062	616	14	730/2491	£219.80	£273.40	£327.00	£380.60	£434.20	£487.80	£541.40	£595.00	£648.60
Output calculation example 50Δdt (watts): 616H x 1400L: 1.4 x 730 =1022w												

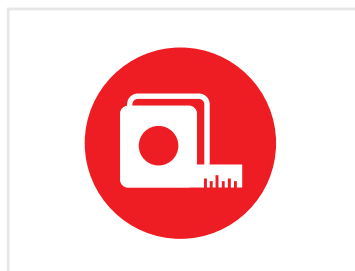
Model Code	Height		Technical data per metre	Width (mm)								
	(mm)	No of tubes		Output 50ΔT Watts/BTU	600	800	1000	1200	1400	1600	1800	2000
 Zehnder Ax (ZAHD) horizontal double panel												
ZAHD-026	264	6	529/1805	£191.20	£237.60	£284.00	£330.40	£376.80	£423.20	£469.60	£516.00	£562.40
ZAHD-035	352	8	680/2320	£236.80	£298.40	£360.00	£421.60	£483.20	£544.80	£606.40	£668.00	£729.60
ZAHD-044	440	10	825/2815	£281.80	£358.40	£435.00	£511.60	£588.20	£664.80	£741.40	£818.00	£894.60
ZAHD-053	528	12	966/3296	£327.40	£419.20	£511.00	£602.80	£694.60	£786.40	£878.20	£970.00	£1,061.80
ZAHD-062	616	14	1105/3770	£372.40	£479.20	£586.00	£692.80	£799.60	£906.40	£1,013.20	£1,120.00	£1,226.80
Output calculation example 50Δdt (watts): 616H x 1400L: 1.4 x 1105 = 1547w												

Colour finish: Standard colours from the Zehnder colour chart including matt white finish are priced at RAL9016 + 25%.
Colour finish and non-stock products delivery: 3-5 weeks

Details on intermediate sizes are available on request.

All prices exclude VAT.

The Made to Measure **Ax**, with its unique slim-line single or double tubes, can meet any central heating requirement.



Made to Measure



Zehnder recommends VALVE-SET-36.
For more information see page 108.

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

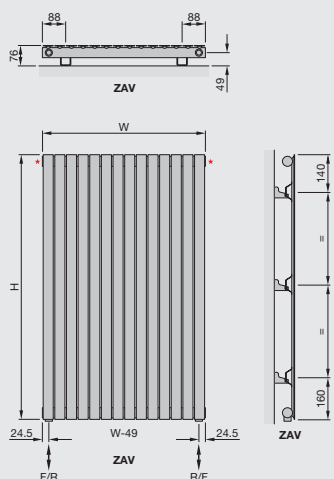


EN 442 CE

ZAV-180 TRAFFIC WHITE 9016

Note:
Single panel projection is
Single panel wall to centre is

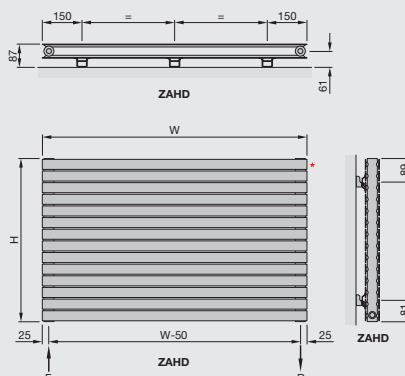
76mm
49mm



*1/8" air vent
Width excludes air vent
F = flow
R = return
H = height
W = width
Tube: Horizontal
Ø38mm
Tube: Vertical 38x10.5
All dimensions in mm

Note:
Double panel projection is
Double panel wall to centre is

87mm
61mm



*1/8" air vent
Width excludes air vent
F = flow
R = return
H = height
W = width
Tube: Horizontal
38x10.5
Tube: Vertical Ø38mm
All dimensions in mm

Zehnder

Aluminium Blitz Super



Stocked Items

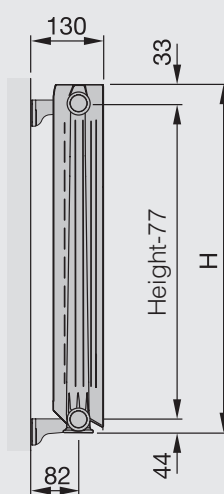
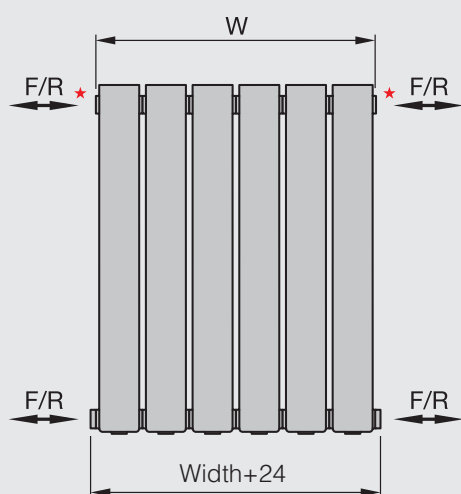
In stock items highlighted in black	Height mm	Width mm	Number of sections	Finish	Overall Projection mm	Output $\Delta T=50^{\circ}\text{C}$ Watts/btu All outputs certified to EN 442	RRP (ex VAT)	RRP (inc 20% VAT)
Zehnder Blitz Super horizontal								
BS350/100-6	395	480	6	white	130	546/1863	£174	£208.80
BS350/100-8	395	640	8	white	130	728/2484	£232	£278.40
BS350/100-10	395	800	10	white	130	910/3105	£290	£348.00
BS350/100-12	395	960	12	white	130	1092/3726	£348	£417.60
BS350/100-14	395	1120	14	white	130	1274/4347	£406	£487.20
BS500/100-6	545	480	6	white	130	737/2516	£180	£216.00
BS500/100-8	545	640	8	white	130	983/3354	£240	£288.00
BS500/100-10	545	800	10	white	130	1229/4193	£300	£360.00
BS500/100-12	545	960	12	white	130	1475/5032	£360	£432.00
BS500/100-14	545	1120	14	white	130	1721/5871	£420	£504.00
BS600/100-6	645	480	6	white	130	848/2895	£186	£223.20
BS600/100-8	645	640	8	white	130	1131/3860	£248	£297.60
BS600/100-10	645	800	10	white	130	1414/4824	£310	£372.00
BS600/100-12	645	960	12	white	130	1697/5789	£372	£446.40
BS600/100-14	645	1120	14	white	130	1980/6754	£434	£520.80

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)	RRP (inc 20% VAT)
A36/6	Towel rail for 6 section Blitz Super. White RAL9010 (see below)	£79	£94.80
905110	Aluminium assembly tool 300	£56	£67.20
905120	Aluminium assembly tool 600	£56	£67.20
905130	Aluminium assembly tool 900	£56	£67.20
905140	Aluminium assembly tool 1200	£56	£67.20
A2/1	1 inch steel joining nipple – for use with Blitz Super	£2.80	£3.36
A10/1	Joining nipple gasket for joining the Blitz Super. White RAL 9010	£0.65	£0.78
A11/1	Gasket for end plugs for Blitz Super – Green	£1.50	£1.80
A81	Installation bush and bracket pack for Blitz Super	£26	£31.20
A80	Service assembly kit for the Blitz Super radiator	£25	£30.00



*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).



Zehnder recommends VALVE-SET-10-CR.
For more information see page 108.

Aluminium radiators give a fast response and comfortable heat with high thermal efficiency. Energy saving and easy to handle plus corrosion resistant, the **Blitz Super** is a modern radiator in every sense.

By **fondital**

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



Zehnder

Aluminium Lyta-T



Stocked Items

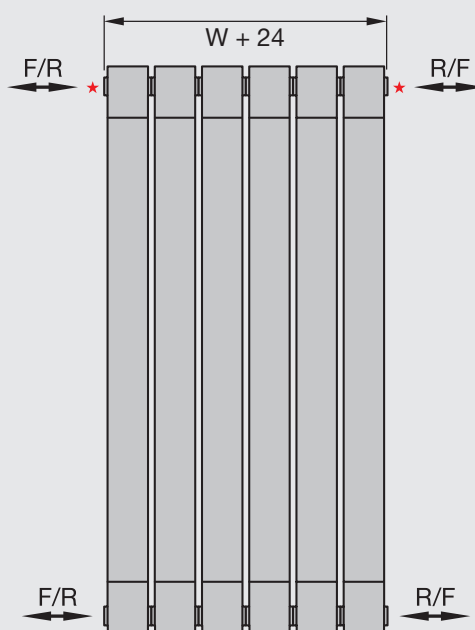
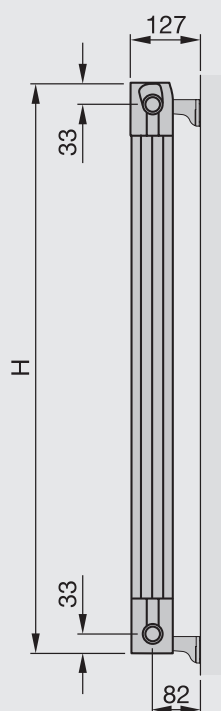
In stock items highlighted in black	Height mm	Width mm	Number of sections	Finish	Overall Projection mm	Output $\Delta T=50^{\circ}\text{C}$ Watts/btu All outputs certified to EN 442	RRP (ex VAT)	RRP (inc 20% VAT)
Zehnder Lyta-T vertical								
LYTV-Z-097-032	966	320	4	white	127	728/2484	£252	£302.40
LYTV-Z-097-048	966	480	6	white	127	1092/3726	£378	£453.60
LYTV-Z-147-032	1466	320	4	white	127	1000/3412	£356	£427.20
LYTV-Z-147-048	1466	480	6	white	127	1500/5118	£534	£640.80
LYTV-Z-187-024	1866	240	3	white	127	900/3071	£318	£381.60
LYTV-Z-187-032	1866	320	4	white	127	1200/4094	£424	£508.80
LYTV-Z-187-040	1866	400	5	white	127	1500/5118	£530	£636.00
LYTV-Z-187-048	1866	480	6	white	127	1800/6142	£636	£763.20

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)	RRP (inc 20% VAT)
905110	Aluminium assembly tool 300	£56	£67.20
905120	Aluminium assembly tool 600	£56	£67.20
905130	Aluminium assembly tool 900	£56	£67.20
905140	Aluminium assembly tool 1200	£56	£67.20
A32/1	Gasket for nipples, plugs and adaptors for Lyta-T – Black	£1.50	£1.80
A33/1	1 inch steel joining nipple for Lyta-T	£3.00	£3.60
A82	Installation bush and bracket pack for Lyta-T	£26	£31.20
A36/4	Towel rail for 4 section Lyta-T. White (RAL9010)	£62	£74.40
A36/5	Towel rail for 5 section Lyta-T. White (RAL9010)	£72	£86.40
A36/6	Towel rail for 6 section Blitz Super and Lyta-T. White (RAL9010)	£79	£94.80



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

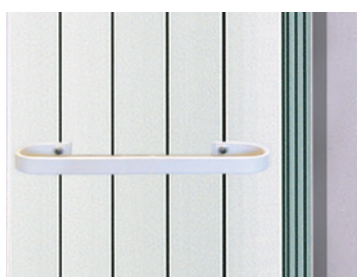


Zehnder recommends VALVE-SET-10-CR.
For more information see page 108.

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.

By **fondital**

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



Aluminium Lyta-T Towel Bar



EN 442 CE

LYTV-Z-187-040 PURE WHITE 9010

Zehnder Charleston



Stocked Items

In stock items highlighted 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)	RRP (inc 20% VAT)
Zehnder Charleston Horizontal white RAL 9016 - 2 column							
2050-10	492	486	90	10	384/1310	£184	£220.80
2050-14	492	670	90	14	538/1836	£257	£308.40
2050-18	492	854	90	18	691/2358	£330	£396.00
2050-22	492	1038	90	22	845/2883	£404	£484.80
2050-26	492	1222	90	26	998/3405	£477	£572.40
2060-10	592	486	90	10	453/1546	£190	£228.00
2060-14	592	670	90	14	634/2163	£266	£319.20
2060-18	592	854	90	18	815/2781	£342	£410.40
2060-22	592	1038	90	22	997/3402	£418	£501.60
2060-24	592	1130	90	24	1080/3685	£456	£547.20
2060-28	592	1314	90	28	1260/4299	£532	£638.40
Zehnder Charleston Horizontal white RAL 9016 - 3 column							
3050-14	500	670	128	14	722/2463	£305	£366.00
3050-18	500	854	128	18	929/3170	£392	£470.40
3050-22	500	1038	128	22	1135/3873	£480	£576.00
3050-26	500	1222	128	26	1342/4579	£567	£680.40
3050-30	500	1406	128	30	1548/5282	£654	£784.80
3060-10	600	486	128	10	609/2078	£230	£276.00
3060-14	600	670	128	14	853/2910	£322	£386.40
3060-18	600	854	128	18	1096/3740	£414	£496.80
3060-20	600	946	128	20	1220/4163	£460	£552.00
3060-24	600	1130	128	24	1464/4995	£552	£662.40
3060-27	600	1268	128	27	1645/5613	£621	£745.20
3060-30	600	1406	128	30	1827/6234	£690	£828.00
3060-34	600	1590	128	34	2071/7066	£782	£938.40
3075-14	750	670	128	14	1040/3548	£361	£433.20
3075-22	750	1038	128	22	1635/5579	£568	£681.60
3075-26	750	1222	128	26	1932/6592	£671	£805.20
Zehnder Charleston Horizontal white RAL 9016 - 4 column							
4030-20	300	946	164	20	840/2866	£462	£554.40
4030-30	300	1406	164	30	1260/4299	£693	£831.60
4060-14	600	670	164	14	1117/3811	£339	£406.80
4060-18	600	854	164	18	1436/4900	£436	£523.20
4060-20	600	946	164	20	1596/5446	£484	£580.80
4060-24	600	1130	164	24	1920/6551	£581	£697.20
4075-14	750	670	164	14	1364/4654	£409	£490.80
4075-18	750	854	164	18	1753/5981	£526	£631.20
4075-22	750	1038	164	22	2143/7312	£642	£770.40
4075-26	750	1222	164	26	2532/8639	£759	£910.80
Zehnder Charleston Horizontal anthracite 0346 - 3 column							
3060-10-0346	600	486	128	10	609/2078	£288	£345.60
3060-14-0346	600	670	128	14	853/2910	£403	£483.60
3060-18-0346	600	854	128	18	1096/3740	£518	£621.60
3060-20-0346	600	946	128	20	1220/4163	£575	£690.00
3060-24-0346	600	1130	128	24	1464/4995	£690	£828.00

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 finishes. See page 134 for more information.

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 or curved. Find out more about our LaZer made process on page 136.



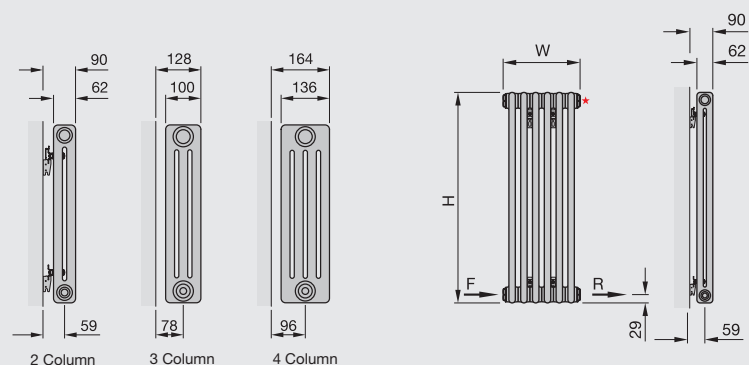
2050-18 TRAFFIC WHITE 9016



Technoline 0325. For more information see page 134.



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



For further technical drawings please see page 88.

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

*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

Zehnder Charleston



Stocked Items

In stock items highlighted 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)	RRP (inc 20% VAT)
Zehnder Charleston Vertical white RAL 9016 - 2 column							
2180-6	1792	302	90	6	744/2539	£272	£326.40
2180-8	1792	394	90	8	992/3385	£362	£434.40
2180-10	1792	486	90	10	1240/4231	£453	£543.60
2180-12	1792	578	90	12	1488/5077	£543	£651.60
Zehnder Charleston Vertical anthracite - 2 column							
2180-8-0346	1792	394	90	8	992/3385	£453	£543.60
2180-10-0346	1792	486	90	10	1240/4231	£566	£679.20
2180-12-0346	1792	578	90	12	1488/5077	£679	£814.80
Zehnder Charleston Vertical white RAL 9016 - 3 column							
3180-6	1800	302	128	6	996/3398	£372	£446.40
3180-8	1800	394	128	8	1328/4531	£496	£595.20
3180-10	1800	486	128	10	1660/5664	£621	£745.20

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.

Accessories			
Model		RRP (ex VAT)	RRP (inc 20% VAT)
966018	Charleston chrome towel bar 368mm	£151	£181.20
966028	Charleston chrome towel bar 918mm	£168	£201.60
The Charleston chrome towel bar (above) can be cut down to fit if required			
CTR-28	Chrome towel rail. Spans across 6 elements	£127	£152.40
CTR-37	Chrome towel rail. Spans across 8 elements	£135	£162.00
CTR-46	Chrome towel rail. Spans across 10 elements	£140	£168.00
CTR-55	Chrome towel rail. Spans across 12 elements	£143	£171.60
CTR-64	Chrome towel rail. Spans across 14 elements	£152	£182.40

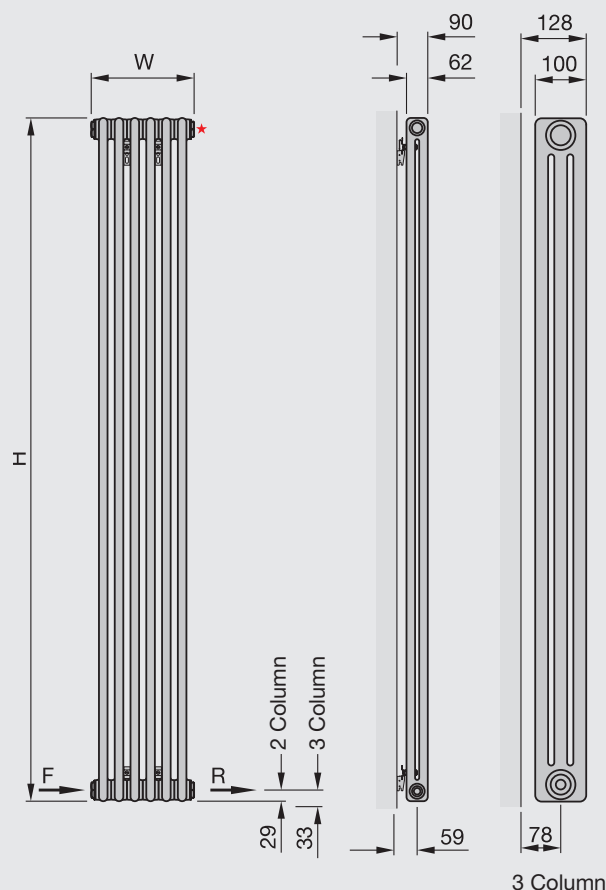
Chrome towel rail contains full length rail and two brackets

*1/2" air vent
Width excludes air vent
F = flow
R = return
H = height
W = width
Tube: Vertical $\varnothing 25\text{mm}$
All dimensions in mm
Manufacturing tolerance of $\pm 0.6\text{mm}$ per section

For further technical drawings please see next page



Zehnder recommends VALVE-SET-11-CR.
For more information see page 108.



The **Charleston** is one of our most versatile radiators. The vertical sizes are perfect for any living space areas including stairs, alcoves and by french windows. The entire Charleston range is LaZer made, see page 136 to find out more.



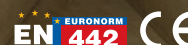
Chrome Towel Bar



CTR Chrome Towel Rail



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



Zehnder Charleston

Made to Measure



Nominal height mm	Model code	Output 50ΔT Watts/BTU	RRP white (ex VAT)	RRP colour (ex VAT)
2 column				
260	2026	21/72	£18.35	£22.94
292	2030	24/81	£18.35	£22.94
342	2035	28/94	£18.35	£22.94
392	2040	31/106	£18.35	£22.94
442	2045	35/119	£18.35	£22.94
492	2050	38/131	£18.35	£22.94
542	2055	42/143	£19.00	£23.75
592	2060	45/155	£19.00	£23.75
742	2075	55/188	£22.00	£27.50
892	2090	64/218	£26.25	£32.81
992	2100	70/239	£29.40	£36.75
1192	2120	83/282	£35.70	£44.63
1492	2150	104/355	£42.00	£52.50
1792	2180	124/423	£45.25	£56.56
1992	2200	138/471	£51.45	£64.31

Model code	Output 50ΔT Watts/BTU	RRP white (ex VAT)	RRP colour (ex VAT)
3 column			
3026	28/95	£21.80	£27.25
3030	32/109	£21.80	£27.25
3035	37/126	£21.80	£27.25
3040	42/143	£21.80	£27.25
3045	47/160	£21.80	£27.25
3050	52/176	£21.80	£27.25
3055	56/192	£23.00	£28.75
3060	61/208	£23.00	£28.75
3075	74/254	£25.80	£32.25
3090	87/297	£30.45	£38.06
3100	95/324	£34.65	£43.31
3120	115/392	£44.10	£55.13
3150	140/478	£54.60	£68.25
3180	166/566	£62.05	£77.56
3200	183/624	£71.40	£89.25

Model code	Output 50ΔT Watts/BTU	RRP white (ex VAT)	RRP colour (ex VAT)
4 column			
4026	37/125	£23.10	£28.88
4030	42/143	£23.10	£28.88
4035	49/165	£23.65	£29.56
4040	55/187	£24.20	£30.25
4045	61/209	£24.20	£30.25
4050	68/232	£24.20	£30.25
4055	74/251	£24.20	£30.25
4060	80/272	£24.20	£30.25
4075	97/332	£29.20	£36.50
4090	114/389	£35.70	£44.63
4100	125/427	£39.90	£49.88
4120	147/502	£55.65	£69.56
4150	180/614	£70.35	£87.94
4180	213/727	£79.80	£99.75
4200	234/798	£90.30	£112.88

Nominal height mm	Model code	Output 50ΔT Watts/BTU	RRP white (ex VAT)	RRP colour (ex VAT)
5 column				
260	5026	45/154	£30.05	£37.56
300	5030	52/177	£31.50	£39.38
350	5035	60/204	£32.55	£40.69
400	5040	68/232	£32.55	£40.69
450	5045	76/259	£33.60	£42.00
500	5050	84/285	£34.65	£43.31
550	5055	91/310	£35.70	£44.63
600	5060	99/336	£36.75	£45.94
750	5075	120/409	£40.95	£51.19
900	5090	141/481	£45.15	£56.44
1000	5100	154/525	£51.45	£64.31
1200	5120	179/611	£65.10	£81.38
1500	5150	219/747	£86.10	£107.63
1800	5180	259/884	£98.05	£122.56
2000	5200	285/972	£110.45	£138.06

Model code	Output 50ΔT Watts/BTU	RRP white (ex VAT)	RRP colour (ex VAT)
6 column			
6026	54/183	£37.60	£47.00
6030	61/209	£39.90	£49.88
6035	71/242	£40.95	£51.19
6040	81/275	£42.00	£52.50
6045	90/306	£44.10	£55.13
6050	99/338	£46.20	£57.75
6055	108/369	£48.30	£60.38
6060	117/399	£50.40	£63.00
6075	143/488	£52.50	£65.63
6090	167/570	£56.70	£70.88
6100	183/624	£65.10	£81.38
6120	210/717	£79.80	£99.75
6150	256/873	£100.80	£126.00
6180	303/1034	£117.90	£147.38
6200	334/1140	£134.10	£167.63

See page 36 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 RAL9016 + 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.

All prices exclude VAT.

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 600mm 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

Technical Information

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.

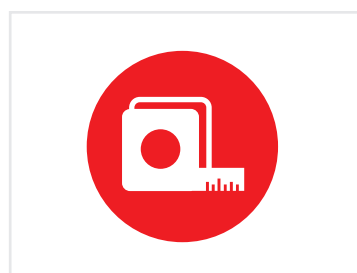
Curved radiators: Please multiply the prices for standard radiators by 2.

Please contact your Zehnder stockist or a member of our sales team for further details.

The **Zehnder Charleston** multi-column can be Made to Measure, with bespoke angles and curves. Find out more about LaZer made on page 136.



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)

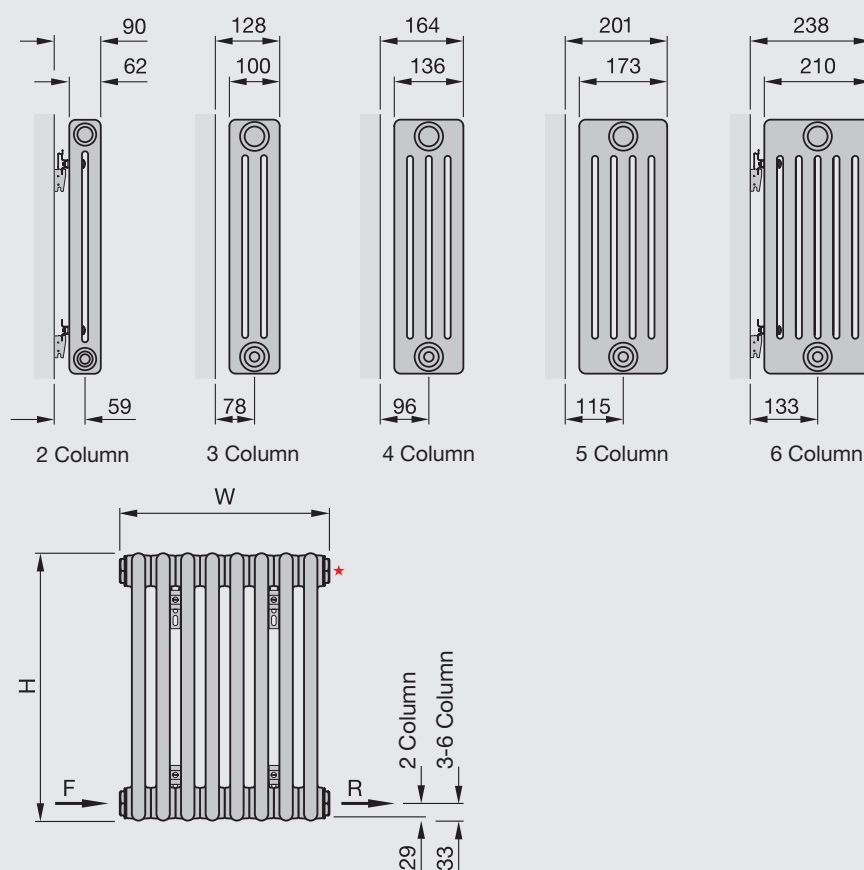
Zehnder Charleston Made to Measure



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.



*1/2" air vent
Width excludes air vent
F = flow
R = return
H = height
W = width
Tube: Vertical Ø25mm
All dimensions in mm

The **Zehnder Charleston** multi-column can be Made to Measure, with bespoke angles and curves. Find out more about LaZer made on page 136.

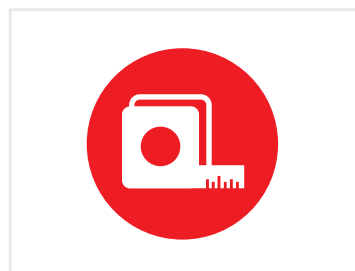


BISQUE

To download a full checklist to help plan your engineered to order radiator, scan this code. Or visit:
www.bisque.co.uk/bespoke-radiators



CHARLESTON CURVED (Engineered to Order)



Made to Measure



Zehnder recommends VALVE-SET-37. For more information see page 108.



CHARLESTON CURVED (Engineered to Order)

Zehnder

Charleston Bar



Stocked Items

In stock items highlighted in black	Height mm	Width mm	No. of sections	Bar length mm	Finish	Output $\Delta T=50^{\circ}\text{C}$ Watts/btu All outputs certified to EN 442	Centre from wall	Overall projection	RRP (ex VAT)	RRP (inc 20% VAT)
Zehnder Charleston Bar										
CPV2075-6	742	302	6	412	white*	330/1125	59	134	£300	£360.00
CPV2090-10	892	486	10	412	white*	639/2179	59	134	£445	£534.00
CPV2120-10	1192	486	10	412	white*	827/2820	59	134	£545	£654.00
CPV2150-10	1492	486	10	412	white*	1040/3546	59	134	£611	£733.20
CPV2150-12	1492	578	12	412	white*	1248/4256	59	134	£698	£837.60
CPV2150-14	1492	670	14	596	white*	1456/4965	59	134	£784	£940.80
CPV2150-16	1492	762	16	596	white*	1664/5674	59	134	£872	£1,046.40
CPV2180-10	1792	486	10	412	white*	1240/4228	59	134	£656	£787.20
CPV2180-12	1792	578	12	412	white*	1488/5074	59	134	£753	£903.60
CPV2180-14	1792	670	14	596	white*	1736/5920	59	134	£847	£1,016.40
CPV2180-16	1792	762	16	596	white*	1984/6765	59	134	£944	£1,132.80
CPV3150-10	1500	486	10	412	white*	1400/4774	78	172	£743	£891.60
CPV3150-12	1500	578	12	412	white*	1680/5729	78	172	£856	£1,027.20
CPV3150-14	1500	670	14	596	white*	1960/6684	78	172	£970	£1,164.00
CPV3150-16	1500	762	16	596	white*	2240/7638	78	172	£1,084	£1,300.80
CPV3180-10	1660	486	10	412	white*	1660/3956	78	172	£834	£1,000.80
CPV3180-12	1800	578	12	412	white*	1992/6793	78	172	£964	£1,156.80
CPV3180-14	1800	670	14	596	white*	2324/7925	78	172	£1,095	£1,314.00
CPV3180-16	1800	762	16	596	white*	2656/9057	78	172	£1,226	£1,471.20

1 x Chrome Bar included. See diagrams below for detail.

If you require an additional towel bar please see Accessories section below.

Projection including towel bar: 134mm.

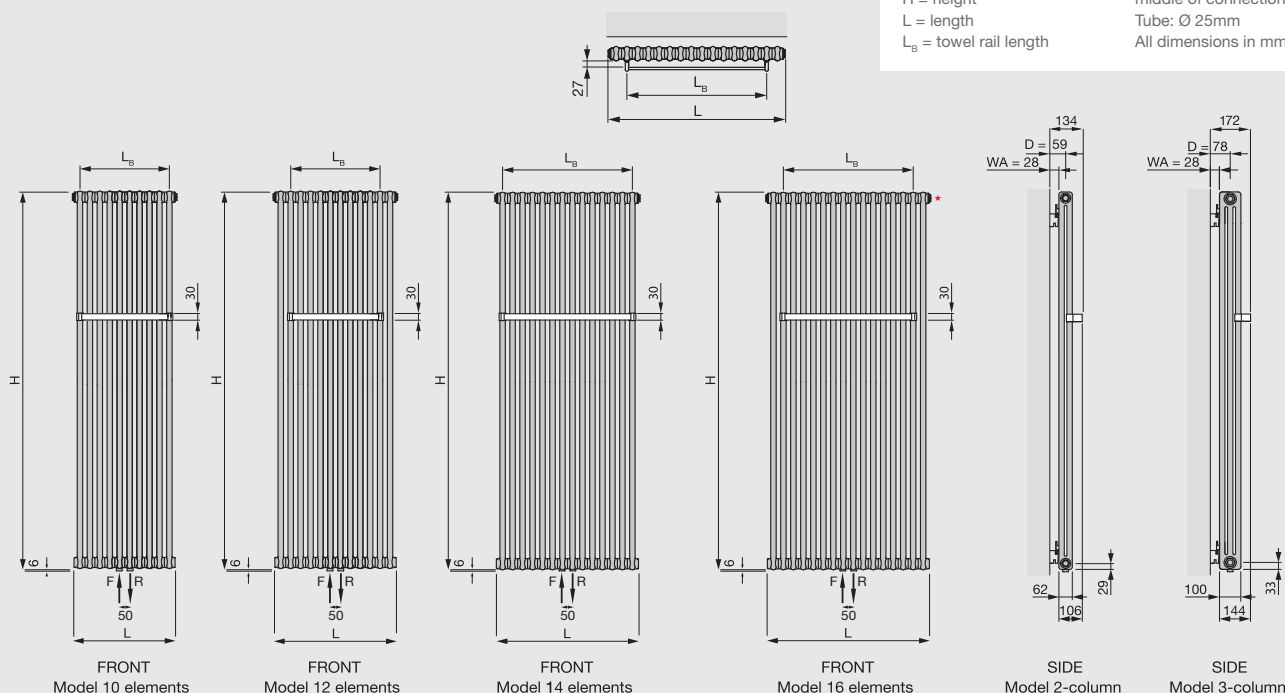
*White (RAL 9016)

Accessories		RRP (ex VAT)	RRP (inc 20% VAT)
Model			
601020	Lambs wool brush	£29	£34.80
966018	Additional Charleston chrome towel bar 366mm. Spans up to 9 sections.	£151	£181.20
966028	Additional Charleston chrome towel bar 918mm. Spans up to 21 sections.	£168	£201.60

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. Charleston Technoline finish is not recommended for bathroom applications.

*1/2" air vent
Width excludes air vent
H = height
L = length
 L_B = towel rail length

WA = wall clearance
D = distance from wall to middle of connection
Tube: $\varnothing$ 25mm
All dimensions in mm



The popular **Charleston Bar** multi-column with chrome towel bar combines warmth and practicality. Perfect for kitchens and bathrooms. Find out more about LaZer made on page 136.



Charleston Chrome Towel Bar
(included with radiator)



JET BLACK 9005



Zehnder recommends **VALVE-SET-11-CR**.
For more information see page 108.



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1st August 2021



Zehnder

Charleston & Charleston Plinth



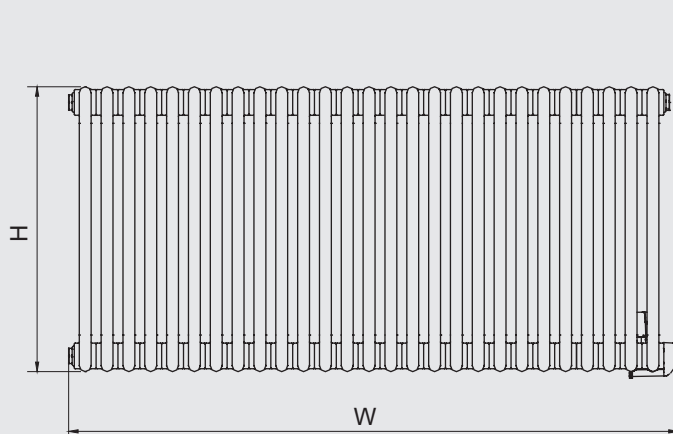
In stock items highlighted in black	Height mm	Width mm	No. of sections	Finish	Watts Radio frequency remote programmer IPX4 Zone 1 Bath, Zone 2 Shower, Class II	Weight kg	RRP (ex VAT)	RRP (inc 20% VAT)
Zehnder Charleston Electric								
NZ-060-053/GF	600	530	10	white*	500	27.0	£526	£631.20
NZ-060-062/GF	600	622	12	white*	750	30.0	£613	£735.60
NZ-060-076/GF	600	760	15	white*	1000	41.0	£664	£796.80
NZ-060-089/GF	600	898	18	white*	1250	47.0	£775	£930.00
NZ-060-103/GF	600	1036	21	white*	1500	58.0	£836	£1,003.20
NZ-060-131/GF	600	1312	27	white*	2000	70.0	£1,006	£1,207.20
Zehnder Charleston Plinth Electric								
NZ-030-100/GF	300	962	20	white	1000	42.4	£874	£1,048.80

Colour finish: Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 + 25%.

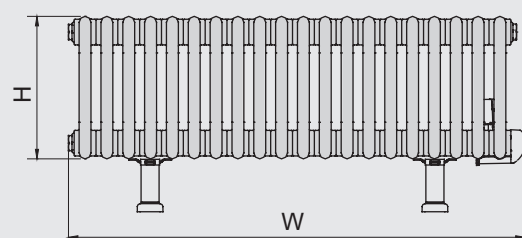
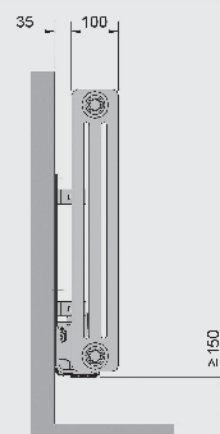
Colour finish and non-stock products.

*White (RAL 9016)

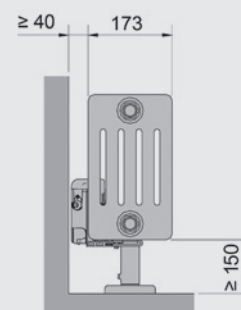
Accessories			
Model		RRP (ex VAT)	RRP (inc 20% VAT)
601020	Lambswool cleaning brush	£29	£34.80
966018	Charleston towel bar 366mm	£151	£181.20
966028	Charleston towel bar 918mm	£168	£201.60



CHARLESTON ELECTRIC



CHARLESTON PLINTH



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

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



NZ-030-100/GF TRAFFIC WHITE 9016

Zehnder

Excelsior Made to Measure



Zehnder Excelsior vertical single fin with 30mm spacing white RAL 9016

Model Code	Height	Technical data per element	Width (mm)								
	(mm)	Output 50ΔT Watts/BTU	460	580	700	820	940	1060	1180	1300	1420
E1040/30	400	27/92	£401.50	£445.10	£488.70	£532.30	£575.90	£619.50	£663.10	£706.70	£750.30
E1050/30	500	32/109	£409.00	£454.60	£500.20	£545.80	£591.40	£637.00	£682.60	£728.20	£773.80
E1060/30	600	37/126	£418.00	£466.00	£514.00	£562.00	£610.00	£658.00	£706.00	£754.00	£802.00
Number of tubes			15	19	23	27	31	35	39	43	47
Output calculation example 50Δt (watts): 500H X 820L: 27 X 32 = 864W											

Zehnder Excelsior vertical single fin with 40mm spacing white RAL 9016

Model Code	Height	Technical data per element	Width (mm)								
	(mm)	Output 50ΔT Watts/BTU	480	600	720	840	960	1080	1200	1320	1440
E1040/40	400	29/99	£378.40	£413.50	£448.60	£483.70	£518.80	£553.90	£589.00	£624.10	£659.20
E1050/40	500	34/116	£383.20	£419.50	£455.80	£492.10	£528.40	£564.70	£601.00	£637.30	£673.60
E1060/40	600	40/136	£392.80	£431.50	£470.20	£508.90	£547.60	£586.30	£625.00	£663.70	£702.40
Number of tubes			12	15	18	21	24	27	30	33	36
Output calculation example 50Δt (watts): 600H X 960L: 24 X 40 = 960W											

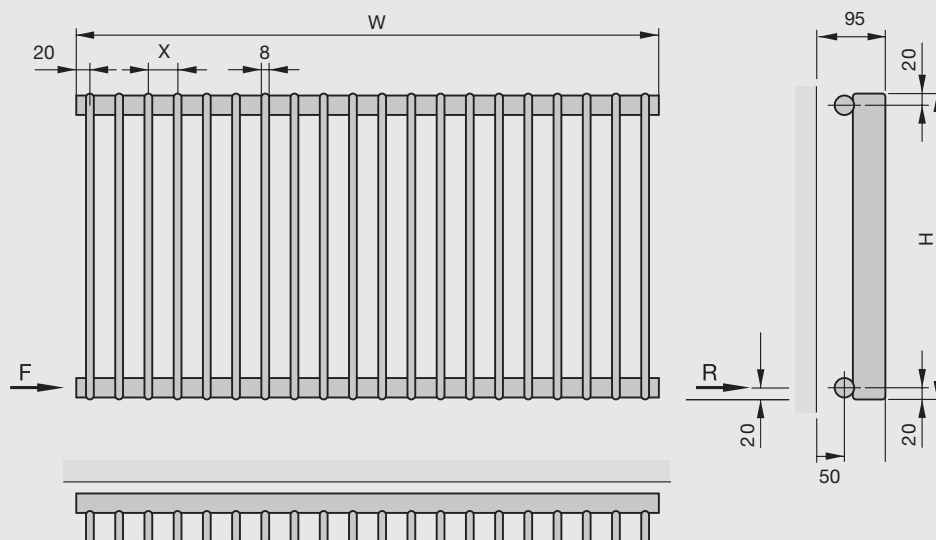
Colour finish: Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 + 25%.
Colour finish and non-stock products delivery: 3–5 weeks.

Under-side connections available on request.

Other sizes are available, please contact your local Zehnder stockist or Zehnder sales team.

All prices exclude VAT.

*1/2" air vent
Width excludes air vent
F = flow
R = return
H = height
W = width
X = section spacing
All dimensions in mm
Manufacturing tolerance of +/-0.6mm per section
Tube: vertical 70 x 8mm
Tube: horizontal ø 30mm



Zehnder recommends VALVE-SET-11-CR.
For more information see page 108.

The contemporary **Excelsior** has narrow, vertical, flattened oval steel tubes which give a high heat output. The Excelsior has a fast reaction time and heats up your home quickly. The Excelsior range is made to order to fit your requirements.



Made to Measure



E1050/30-31 BEIGE QUARTZ 0523



Please note
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orders placed from
1st August 2021



E1210/50 LICHEN 8723 (NCS-S-2010-G60Y) Engineered to Order

Zehnder

Excelsior Made to Measure



Zehnder Excelsior vertical single fin with 30mm spacing white RAL 9016

Model Code	Height	Technical data per element	Width (mm)								
	(mm)	Output 50ΔT Watts/BTU	250	280	310	340	370	400	430	460	490
E1120/30	1200	67/229	£374.80	£391.90	£409.00	£426.10	£443.20	£460.30	£477.40	£494.50	£511.60
E1150/30	1500	83/284	£402.80	£423.40	£444.00	£464.60	£485.20	£505.80	£526.40	£547.00	£567.60
E1180/30	1800	100/341	£454.40	£479.20	£504.00	£528.80	£553.60	£578.40	£603.20	£628.00	£652.80
E1200/30	2000	111/379	£483.20	£511.60	£540.00	£568.40	£596.80	£625.20	£653.60	£682.00	£710.40
Number of tubes			8	9	10	11	12	13	14	15	16
Output calculation example 50Δt (watts): 1500H X 400L: 13 X 83 = 1079W											

Zehnder Excelsior vertical single fin with 40mm spacing white RAL 9016

Model Code	Height	Technical data per element	Width (mm)								
	(mm)	Output 50ΔT Watts/BTU	240	280	320	360	400	440	480	520	560
E1120/40	1200	72/246	£346.00	£364.00	£382.00	£400.00	£418.00	£436.00	£454.00	£472.00	£490.00
E1150/40	1500	90/308	£365.20	£386.40	£407.60	£428.80	£450.00	£471.20	£492.40	£513.60	£534.80
E1180/40	1800	109/372	£409.60	£435.20	£460.80	£486.40	£512.00	£537.60	£563.20	£588.80	£614.40
E1200/40	2000	122/416	£430.60	£459.70	£488.80	£517.90	£547.00	£576.10	£605.20	£634.30	£663.40
Number of tubes			6	7	8	9	10	11	12	13	14
Output calculation example 50Δt (watts): 1500H X 400L: 10 X 90 = 900W											

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.

Under-side connections available on request.

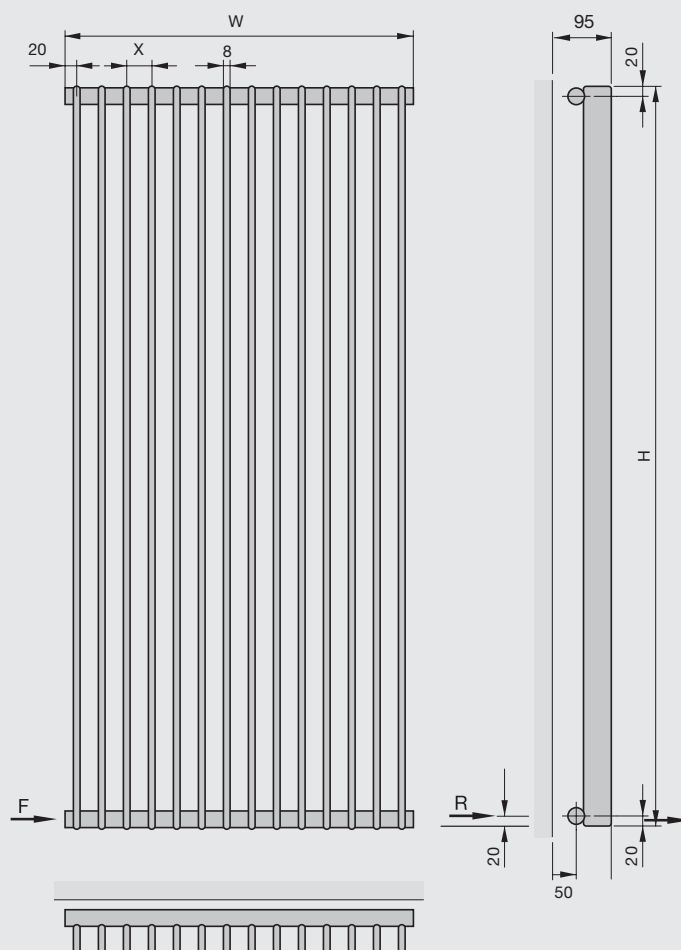
Other sizes are available, please contact your local Zehnder stockist or Zehnder sales team.

All prices exclude VAT.

*1/2" air vent
Width excludes air vent
F = flow
R = return
H = height
W = width
X = section spacing
All dimensions in mm
Manufacturing tolerance of +/-0.6mm per section
Tube: vertical 70 x 8mm
Tube: horizontal ø 30mm



Zehnder recommends VALVE-SET-11-CR.
For more information see page 108.



The contemporary **Excelsior** has narrow, vertical, flattened oval steel tubes which give a high heat output. The Excelsior has a fast reaction time and heats up your home quickly. The Excelsior range is made to order to fit your requirements.



Made to Measure



E1200/40 ANTHRACITE 0346

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EN 442 CE

E1200/40 FLAME RED 3000 with optional underside connections

Zehnder
Fare Tech

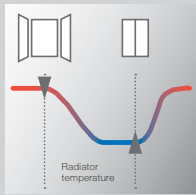


Stocked Items

In stock items highlighted 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)	RRP (inc 20% VAT)
 Zehnder Fare Tech Electric								
TAD-057-041/CF	575	429	white	4	500	9	£399	£478.80
TAD-057-049/CF	575	509	white	5	750	11	£429	£514.80
TAD-057-065/CF	575	669	white	7	1000	14	£489	£586.80
TAD-057-081/CF	575	829	white	9	1250	17	£549	£658.80
TAD-057-089/CF	575	909	white	10	1500	18	£579	£694.80
TAD-057-129/CF	575	1309	white	15	2000	26	£729	£874.80
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.

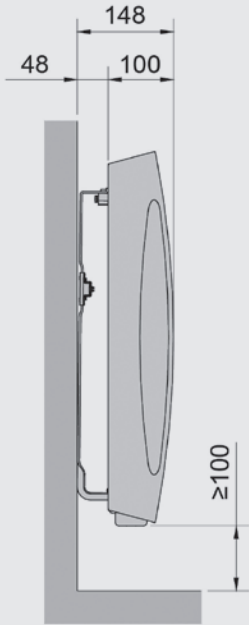
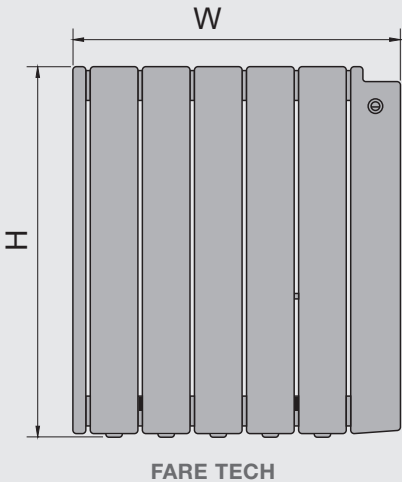
 **Colour finish:** Standard colours from the Zehnder colour chart including matt white finish which are priced at: white RAL 9010 + 25%. Colour finish and non-stock products delivery: 3–5 weeks.



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.



H = height
W = width
All dimensions in mm

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 115.

Zehnder Klaro



Stocked Items

In stock items highlighted 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)	RRP (inc 20% VAT)
Zehnder Klaro							
ZSL-080-045	748	450	white*	354/1208	200	£135	£162.00
ZSL-080-050	748	500	white*	388/1324	200	£139	£166.80
ZSL-080-060	748	600	white*	455/1552	300	£148	£177.60
ZSL-120-045	1148	450	white*	521/1778	300	£160	£192.00
ZSL-120-050	1148	500	white*	571/1948	400	£164	£196.80
ZSL-120-060	1148	600	white*	670/2286	500	£176	£211.20
ZSL-150-050	1466	500	white*	716/2443	500	£203	£243.60
ZSL-150-060	1466	600	white*	839/2863	500	£214	£256.80
ZSL-170-050	1708	500	white*	824/2811	500	£228	£273.60
ZSL-170-060	1708	600	white*	966/3296	600	£234	£280.80
ZSL-080-045-0336	748	450	volcanic	354/1208	200	£169	£202.80
ZSL-120-050-0336	1148	500	volcanic	571/1948	400	£205	£246.00
ZSL-120-060-0336	1148	600	volcanic	670/2286	500	£220	£264.00
ZSL-150-050-0336	1466	500	volcanic	716/2443	500	£254	£304.80
ZSL-150-060-0336	1466	600	volcanic	839/2863	500	£268	£321.60
ZSL-170-050-0336	1708	500	volcanic	824/2811	500	£285	£342.00
ZSL-170-060-0336	1708	600	volcanic	966/3296	600	£293	£351.60
ZSL-080-045-0523	748	450	beige quartz	354/1208	200	£169	£202.80
ZSL-120-050-0523	1148	500	beige quartz	571/1948	400	£205	£246.00
ZSL-120-060-0523	1148	600	beige quartz	670/2286	500	£220	£264.00
ZSL-150-050-0523	1466	500	beige quartz	716/2443	500	£254	£304.80
ZSL-150-060-0523	1466	600	beige quartz	839/2863	500	£268	£321.60
ZSL-170-050-0523	1708	500	beige quartz	824/2811	500	£285	£342.00
ZSL-170-060-0523	1708	600	beige quartz	966/3296	600	£293	£351.60
ZSL-080-045-0529	748	450	brown quartz	354/1208	200	£169	£202.80
ZSL-120-050-0529	1148	500	brown quartz	571/1948	400	£205	£246.00
ZSL-120-060-0529	1148	600	brown quartz	670/2286	500	£220	£264.00
ZSL-150-050-0529	1466	500	brown quartz	716/2443	500	£254	£304.80
ZSL-150-060-0529	1466	600	brown quartz	839/2863	500	£268	£321.60
ZSL-170-050-0529	1708	500	brown quartz	824/2811	500	£285	£342.00
ZSL-170-060-0529	1708	600	brown quartz	966/3296	600	£293	£351.60
ZSLC-080-050	748	500	chrome	283/966	200	£299	£358.80
ZSLC-080-060	748	600	chrome	332/1133	200	£324	£388.80
ZSLC-120-050	1148	500	chrome	417/1423	300	£382	£458.40
ZSLC-120-060	1148	600	chrome	489/1668	300	£415	£498.00
ZSLC-150-050	1466	500	chrome	475/1621	300	£491	£589.20
ZSLC-150-060	1466	600	chrome	560/1911	400	£531	£637.20
ZSLC-170-050	1708	500	chrome	601/2050	400	£567	£680.40
ZSLC-170-060	1708	600	chrome	705/2405	500	£615	£738.00

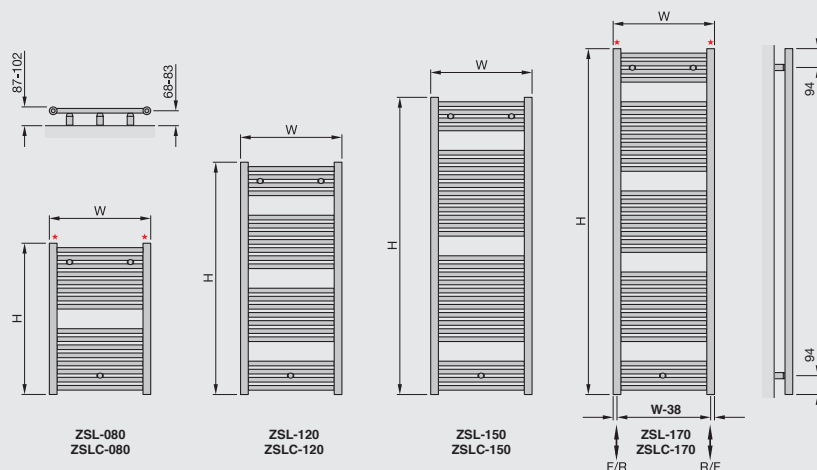
*White (RAL 9016)



Dual energy: Self Fit - Additional cost to Central
Heating model prices see page 114 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.



*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 **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.

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



ZSLC-120-050 CHROME 0008



Zehnder recommends VALVE-SET-2-CR.
information see page 108.



HEATED TOWEL RAILS FOR BATHROOMS



ZSL-120-050 VOLCANIC 0336

Zehnder Klaro Electric



Stocked Items

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)	RRP (inc 20% VAT)	Model Stock highlighted	Electric rating	RRP (ex VAT)	RRP (inc 20% 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	£324.00	ZSLE-080-045/DF	300	£340	£408.00
748	500	white*	ZSLE-080-050/F	400	£274	£328.80	ZSLE-080-050/DF	300	£344	£412.80
748	600	white*	ZSLE-080-060/F	400	£283	£339.60				
1148	500	white*	ZSLE-120-050/F	400	£299	£358.80	ZSLE-120-050/DF	500	£369	£442.80
1148	600	white*	ZSLE-120-060/F	500	£311	£373.20	ZSLE-120-060/DF	600	£381	£457.20
1708	500	white*	ZSLE-170-050/F	600	£363	£435.60				
748	500	chrome	ZSLEC-080-050/F	200	£434	£520.80	ZSLEC-080-050/DF	200	£504	£604.80
748	600	chrome	ZSLEC-080-060/F	200	£459	£550.80	ZSLEC-080-060/DF	300	£529	£634.80
1148	500	chrome	ZSLEC-120-050/F	400	£517	£620.40	ZSLEC-120-050/DF	300	£587	£704.40
1148	600	chrome	ZSLEC-120-060/F	400	£550	£660.00	ZSLEC-120-060/DF	300	£620	£744.00
1708	500	chrome	ZSLEC-170-050/F	400	£702	£842.40	ZSLEC-170-050/DF	500	£772	£926.40
1708	600	chrome	ZSLEC-170-060/F	500	£750	£900.00	ZSLEC-170-060/DF	600	£820	£984.00

*White (RAL 9016)

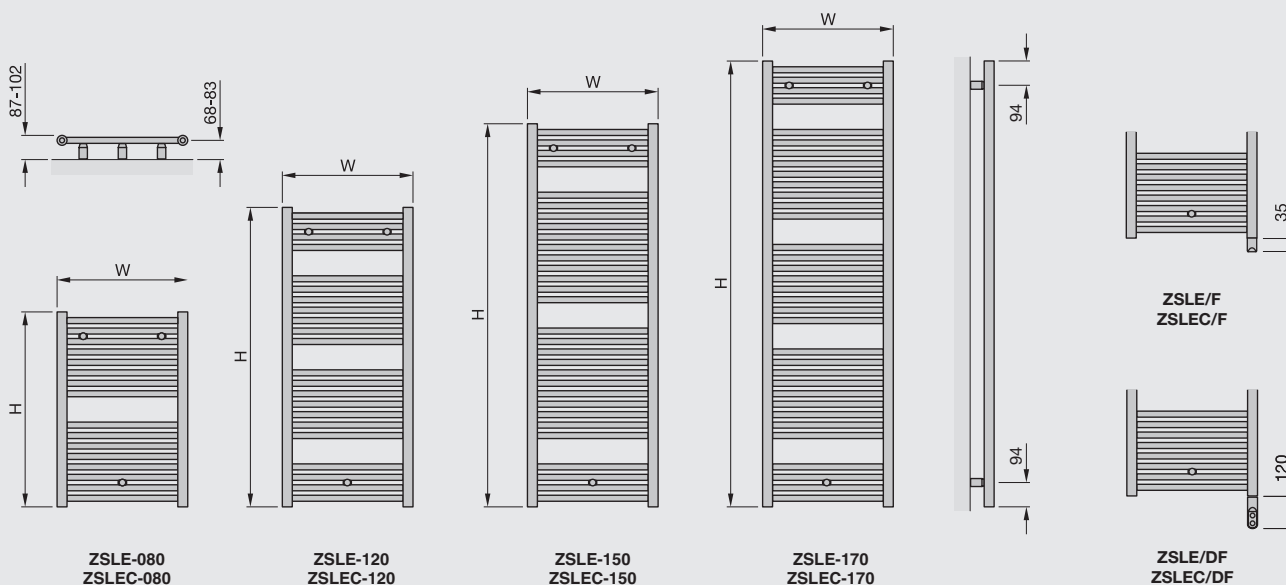
When using the simple immersion heater, mount the radiators with the immersion heater to the left or right as required. The DBM immersion is factory fitted to the right hand side. If required on the left, the control unit can be rotated to face forward. A grub screw on the back of the immersion can be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



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.

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



Simple Immersion



DBM Immersion

For more information see page 114.



EN 442

CE

Zehnder Kleo Vertical



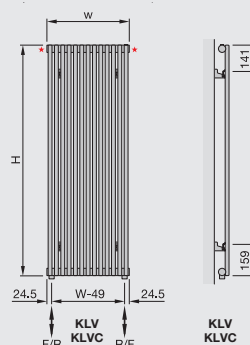
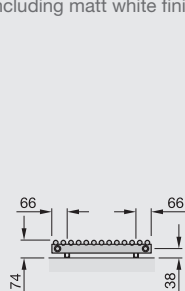
Stocked Items

In stock items highlighted 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)	RRP (inc 20% VAT)
Zehnder Kleo vertical single panel								
KLV-180-030	1800	299	9	white*	632/2156	248	£233	£279.60
KLV-180-040	1800	398	12	white*	842/2874	347	£284	£340.80
KLV-180-050	1800	497	15	white*	1053/3593	446	£335	£402.00
KLV-180-060	1800	596	18	white*	1264/4313	545	£386	£463.20
KLVC-180-030	1800	299	9	chrome	448/1529	248	£437	£524.40
KLVC-180-040	1800	398	12	chrome	598/2040	347	£533	£639.60
KLVC-180-050	1800	497	15	chrome	747/2549	446	£629	£754.80
KLVC-180-060	1800	596	18	chrome	896/3057	545	£725	£870.00

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.



*1/2" air vent
Width excludes air vent
F = flow
R = return
H = height
W = width
Tube: Horizontal $\varnothing 38\text{mm}$
Tube: Vertical $\varnothing 20\text{mm}$
All dimensions in mm

The complete compliant technical specifications can be found between pages 116 and 129.

Zehnder Kleo Horizontal



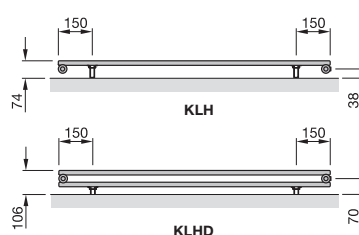
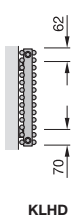
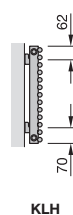
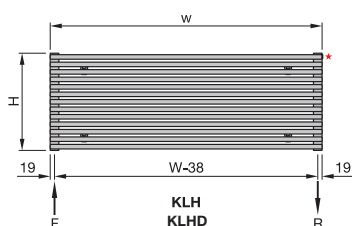
Stocked Items

In stock items highlighted 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)	RRP (inc 20% VAT)
Zehnder Kleo horizontal single panel								
KLH-058-100	596	998	18	white*	782/2668	962	£299	£358.80
KLH-058-120	596	1198	18	white*	938/3201	1162	£327	£392.40
KLH-058-140	596	1398	18	white*	1095/3736	1362	£355	£426.00
Zehnder Kleo horizontal double panel								
KLHD-058-100	596	998	18	white*	1211/4134	962	£523	£627.60
KLHD-058-120	596	1198	18	white*	1453/4961	1162	£572	£686.40
KLHD-058-140	596	1398	18	white*	1695/5787	1362	£621	£745.20

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: white 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: Horizontal $\varnothing 20\text{mm}$
Tube: Vertical $\varnothing 38\text{mm}$
All dimensions in mm

The complete compliant technical specifications can be found between pages 116 and 129.

Elegant **Kleo** single or double tubed horizontal radiators stocked in white, available in Made to Measure options and Chrome. See page 54.



Zehnder recommends **VALVE-SET-10-CR**.
For more information see page 108.



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

KLH HORIZON BLUE 0520 (Engineered to Order)

EN 442 CE

Elegant **Kleo** single or double tubed horizontal radiators stocked in white and chrome and available in Made to Measure options. See page 54.



Zehnder recommends **VALVE-SET-1-CR**.
For more information see page 108.



EN 442 CE

KLHD-058-100 VOLCANIC 0336

Zehnder

Kleo Made to Measure



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.

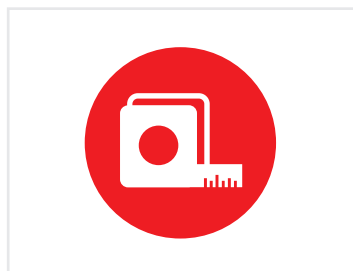


Zehnder recommends
VALVE-SET-36.

For more information see page 108.

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

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



Made to Measure



KLH-042 TRAFFIC WHITE 9016



EN 442 CE

Zehnder Metropolitan

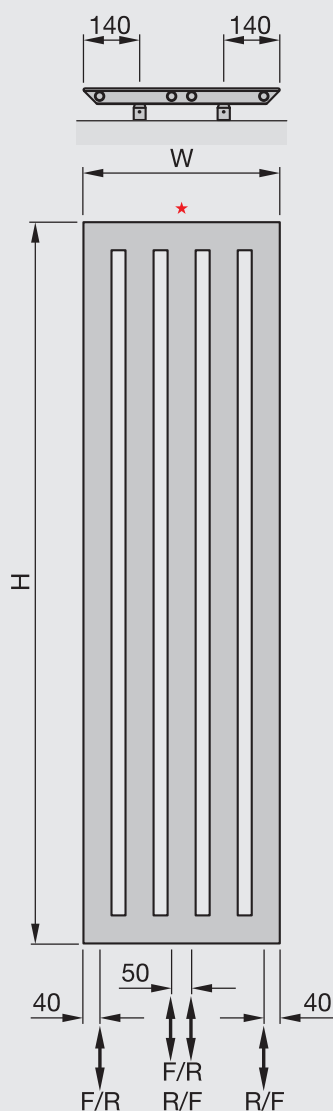
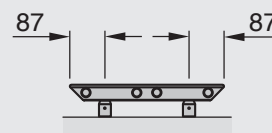
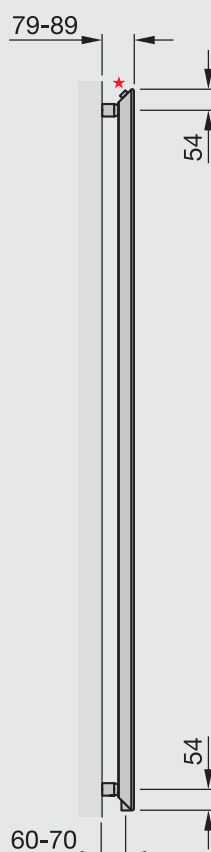


Stocked Items

In stock items highlighted in black	Height mm	Width mm	No. of tubes	Finish	Output $\Delta T=50^{\circ}\text{C}$ Watts/btu All outputs certified to EN 442	RRP (ex VAT)	RRP (inc 20% VAT)
Zehnder Metropolitan vertical tubes							
MEV-150-030	1500	280	3	white*	405/1382	£390	£468.00
MEV-150-040	1500	385	4	white*	533/1819	£424	£508.80
MEV-150-050	1500	490	5	white*	655/2235	£477	£572.40
MEV-150-060	1500	595	6	white*	773/2637	£578	£693.60
MEV-180-030	1800	280	3	white*	490/1672	£431	£517.20
MEV-180-040	1800	385	4	white*	643/2194	£496	£595.20
MEV-180-050	1800	490	5	white*	791/2699	£569	£682.80
MEV-180-060	1800	595	6	white*	934/3187	£648	£777.60
MEV-200-030	2000	280	3	white*	544/1856	£458	£549.60
MEV-200-040	2000	385	4	white*	714/2436	£544	£652.80
MEV-200-050	2000	490	5	white*	878/2996	£630	£756.00
MEV-200-060	2000	595	6	white*	1037/3538	£717	£860.40

*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.

**MEV-180****Bracket centres for 030 & 040 widths**

*1/2" air vent
Frame: 70mm x 39mm triangular tubes
Flat tubes: 70mm x 8mm
F = flow
R = return
H = height
W = width
All dimensions in mm



Zehnder recommends
VALVE-SET-10-CR.
For more information see page 108.

The **Metropolitan** has a contemporary, minimalist appearance. Designed in Italy by the award-winning King & Miranda, the Metropolitan has beautiful clean lines creating a geometric shape with stylish sloping edges.



Scan here to watch the innovative hybrid welding process for each and every Metropolitan.



MEV-180-030 WHITE ALUMINIUM 9006



RED QUARTZ 0526

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



EN 442 CE

MEV-180-040 TRAFFIC WHITE 9016

Zehnder Metropolitan



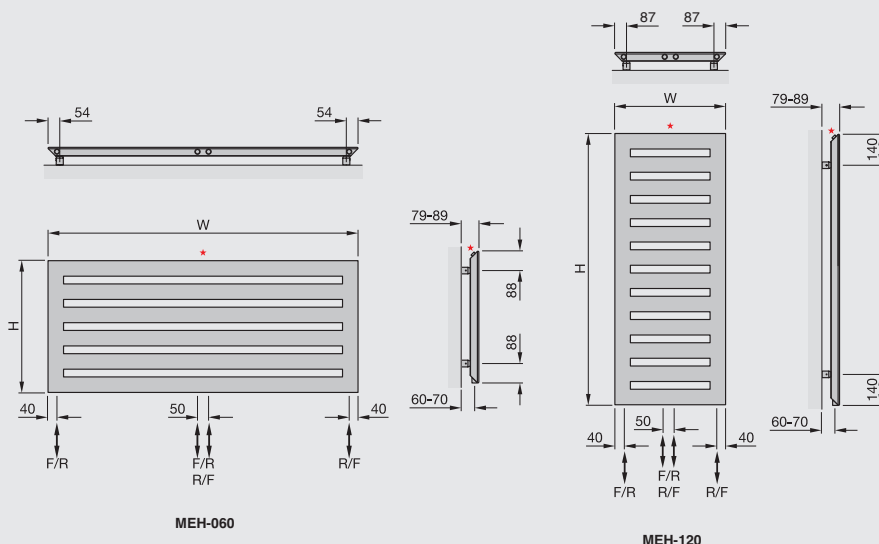
Stocked Items

In stock items highlighted in black	Height mm	Width mm	No. of tubes	Finish	Output $\Delta T=50^{\circ}\text{C}$ Watts/btu All outputs certified to EN 442	RRP (ex VAT)	RRP (inc 20% VAT)
Zehnder Metropolitan horizontal tubes							
MEH-030-140	280	1400	3	white*	376/1283	£435	£522.00
MEH-040-140	385	1400	4	white*	474/1617	£496	£595.20
MEH-040-160	385	1600	4	white*	542/1849	£513	£615.60
MEH-040-180	385	1800	4	white*	610/2081	£530	£636.00
MEH-040-200	385	2000	4	white*	277/945	£548	£657.60
MEH-050-140	490	1400	5	white*	585/1996	£541	£649.20
MEH-050-160	490	1600	5	white*	669/2283	£563	£675.60
MEH-050-180	490	1800	6	white*	753/2569	£584	£700.80
MEH-050-200	490	2000	5	white*	836/2852	£606	£727.20
MEH-060-090	595	900	6	white*	447/1525	£541	£649.20
MEH-060-140	595	1400	6	white*	695/2371	£595	£714.00
MEH-060-160	595	1600	6	white*	794/2709	£620	£744.00
MEH-060-180	595	1800	6	white*	894/3050	£644	£772.80
MEH-060-200	595	1800	6	white*	993/3388	£671	£805.20
MEH-070-090	700	900	3	white*	517/1764	£590	£708.00
MEH-070-140	700	1400	7	white*	804/2743	£650	£780.00
MEH-070-160	700	1600	7	white*	919/3136	£676	£811.20
MEH-070-180	700	1800	7	white*	1034/3528	£702	£842.40
MEH-070-200	700	2000	7	white*	1148/3917	£735	£882.00
MEH-080-040	805	400	8	white*	663/2262	£474	£568.80
MEH-080-050	805	500	8	white*	387/1320	£489	£586.80
MEH-080-060	805	600	8	white*	449/1532	£504	£604.80
MEH-120-040	805	400	12	white*	469/1600	£534	£640.80
MEH-120-050	1225	500	12	white*	563/1921	£543	£651.60
MEH-120-060	1225	600	12	white*	653/2228	£565	£678.00
MEH-150-040	1225	400	15	white*	582/1986	£630	£756.00
MEH-150-050	1540	500	15	white*	730/2491	£646	£775.20
MEH-150-060	1540	600	15	white*	871/2972	£662	£794.40
MEH-180-040	1750	400	17	white*	663/2262	£705	£846.00
MEH-180-050	1750	500	18	white*	795/2713	£719	£862.80
MEH-180-060	1750	600	18	white*	922/3146	£736	£883.20

*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.

MEH Accessories		
Model		
468038	Towel-bar for 400 mm width radiator, chrome plated	RRP (ex VAT) £111 RRP (inc 20% VAT) £133.20
468048	Towel-bar for 500 mm width radiator, chrome plated	RRP (ex VAT) £113 RRP (inc 20% VAT) £135.60
468058	Towel-bar for 600 mm width radiator, chrome plated	RRP (ex VAT) £117 RRP (inc 20% VAT) £140.40
480438	Set of hooks (2 pcs.), to clip on, chrome plated	RRP (ex VAT) £50 RRP (inc 20% VAT) £60.00



*1/2" air vent
Frame: 70mm x 39mm triangular tubes
Flat tubes: 70mm x 8mm
F = flow
R = return
H = height
W = width
All dimensions in mm

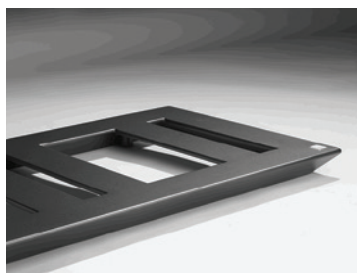


Zehnder recommends
VALVE-SET-10-CR.
For more information see page 108.

The **Metropolitan** has clean lines and a contemporary, modern appeal. The Metropolitan is available in both landscape and portrait formats, with an optional bar as a useful and attractive accessory.



Scan here to watch the innovative hybrid welding process for each and every Metropolitan.



METROPOLITAN VOLCANIC 0336

Also available as a bathroom radiator see page 60 for more information.



Metropolitan Towel Bar
See page 107.



Metropolitan Hook Chrome
See page 107.

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



MEH-050-160 VOLCANIC 0336



MEH-150-050 TRAFFIC WHITE RAL 9016

Zehnder

Metropolitan Spa



Stocked Items

In stock items highlighted 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)	RRP (inc 20% VAT)
Zehnder Metropolitan Spa							
MET-080-040	805	400	white*	327/1116	250	£390	£468.00
MET-080-050	805	500	white*	388/1324	300	£398	£477.60
MET-080-060	805	600	white*	445/1518	300	£411	£493.20
MET-120-040	1225	400	white*	474/1617	300	£485	£582.00
MET-120-050	1225	500	white*	561/1914	400	£496	£595.20
MET-120-060	1225	600	white*	645/2201	400	£512	£614.40
MET-150-040	1540	400	white*	582/1986	400	£574	£688.80
MET-150-050	1540	500	white*	690/2354	500	£586	£703.20
MET-180-050	1750	500	white*	775/2644	500	£655	£786.00
MET-180-060	1750	600	white*	889/3033	600	£676	£811.20

*White (RAL 9016)

**Dual energy:** Self fit (additional cost to central heating model prices). For more information please see page 114.

Dual Energy Heating Model	Height mm	Width mm	Output $\Delta T=50^{\circ}\text{C}$ Watts/btu All outputs certified to EN 442	Radio Frequency Remote Programmer IPX4-IK09 (suitable for Zone 1 bath, Zone 2 shower) Electric Rating (Watts)	RRP (ex VAT)	RRP (inc 20% VAT)
Zehnder Metropolitan Spa Dual energy (factory fitted) White RAL 9016						
METM-080-040/GF	805	400	327/1116	300	£722	£866.40
METM-120-040/GF	1225	400	474/1617	500	£800	£960.00
METM-120-050/GF	1225	500	561/1914	500	£819	£982.80
METM-120-060/GF	1225	600	645/2201	600	£843	£1,011.60
METM-150-050/GF	1540	500	690/2354	600	£912	£1,094.40
METM-150-060/GF	1540	600	792/2702	750	£940	£1,128.00
METM-180-050/GF	1750	500	775/2644	750	£977	£1,172.40

Electric Heating Model	Height mm	Width mm	Finish	Radio Frequency Remote Programmer IPX4-IK09 (suitable for Zone 1 bath, Zone 2 shower) Electric Rating (Watts)	RRP (ex VAT)	RRP (inc 20% VAT)
Zehnder Metropolitan Spa Electric						
METE-080-040/GF	805	400	white*	300	£744	£892.80
METE-120-040/GF	1225	400	white*	500	£818	£981.60
METE-120-050/GF	1225	500	white*	500	£831	£997.20
METE-120-060/GF	1225	600	white*	600	£857	£1,028.40
METE-150-050/GF	1540	500	white*	600	£931	£1,117.20
METE-150-060/GF	1540	600	white*	750	£958	£1,149.60
METE-180-050/GF	1750	500	white*	750	£994	£1,192.80

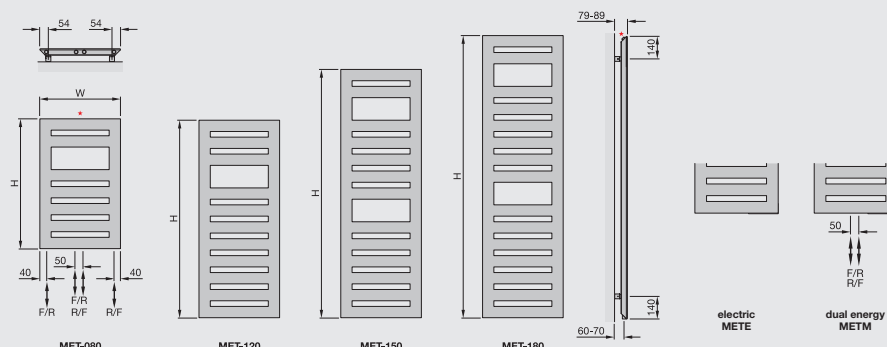
*White (RAL 9016)

Accessories				RRP (ex VAT)	RRP (inc 20% VAT)
Model					
468038	Towel-bar for 400 mm width radiator, chrome plated			£111	£133.20
468048	Towel-bar for 500 mm width radiator, chrome plated			£113	£135.60
468058	Towel-bar for 600 mm width radiator, chrome plated			£117	£140.40
480438	Set of hooks (2 pcs.), to clip on, chrome plated			£50	£60.00



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.

*1/2" air vent
Frame: 70mm x 39mm triangular tubes
Flat tubes: 70mm x 8mm
F = flow
R = return
H = height
W = width
All dimensions in mm



The **Metropolitan Spa** towel radiator brings an elegant, spa-like style to any modern bathroom. Connections and air vents are neatly hidden to maintain the formality and purity of the design.

Geometric cut-outs create an attractive shape with plenty of space for towels to dry. Also available as a room radiator. See page 58.



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

MET-180-050 WHITE QUARTZ 0521 (Valves for illustration only)



MEV-180-040 TRAFFIC WHITE 9016

Also available as a room radiator see page 58.



eco
DESIGN

Electric Option

Radio frequency remote programmer, see page 115.



Zehnder recommends VALVE-SET-11-CR. For more information see page 108.



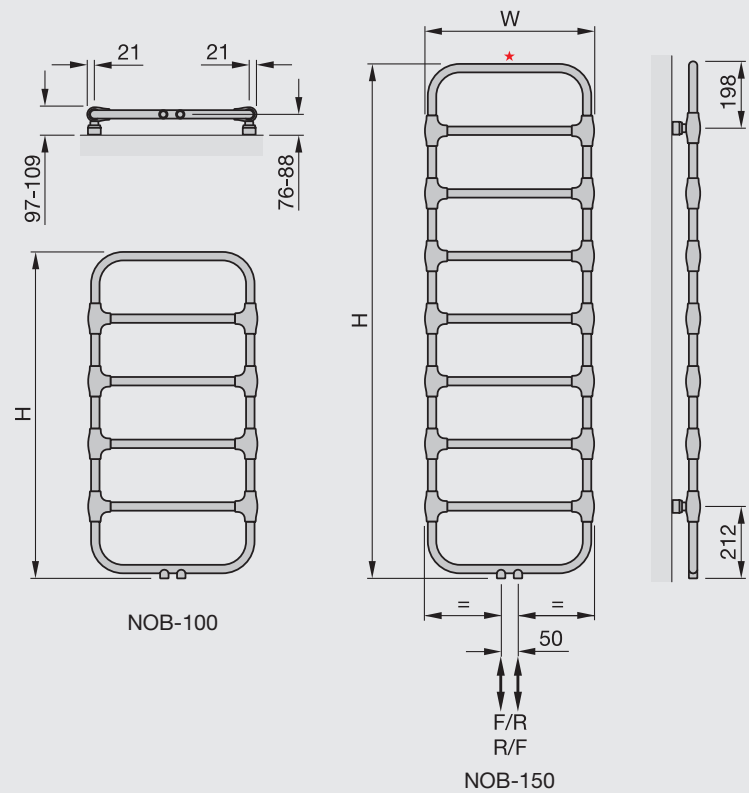
MET-080-040 VOLCANIC 0336 Cloakroom

Zehnder
Nobis



In stock items highlighted in black	Height mm	Width mm	Finish	Output ΔT=50°C Watts/btu All outputs certified to EN 442	RRP (ex VAT)	RRP (inc 20% VAT)
Zehnder Nobis						
NOB-100-050	965	500	chrome	210/717	£1,028	£1,233.60
NOB-150-050	1520	500	chrome	325/1109	£1,259	£1,510.80

Note: Zehnder Nobis is a Brass radiator so therefore can be used in wet rooms and on hot water systems.



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

The **Nobis** towel radiator with its elegant patented chrome finish and unique contemporary joints is equally perfect for both traditional and modern bathrooms and is also suitable for installation on hot water systems.

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



Zehnder recommends VALVE-SET-11-CR.
For more information see page 108.



Zehnder Quaro Spa



Stocked Items

In stock items highlighted 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)	RRP (inc 20% VAT)
Zehnder Quaro Spa							
QS-075-045	803	450	white*	332/1133	200	£207	£248.40
QS-120-045	1251	450	white*	493/1682	300	£226	£271.20
QS-120-055	1251	550	white*	580/1979	400	£254	£304.80
QS-150-045	1507	450	white*	588/2006	400	£271	£325.20
QS-150-055	1507	550	white*	694/2368	500	£297	£356.40
QS-180-055	1827	550	white*	851/2904	600	£337	£404.40
QS-075-045-0346	803	450	anthracite	332/1133	200	£259	£310.80
QS-120-045-0346	1251	450	anthracite	493/1682	300	£283	£339.60
QS-120-055-0346	1251	550	anthracite	580/1979	400	£318	£381.60
QS-150-045-0346	1507	450	anthracite	588/2006	400	£339	£406.80
QS-150-055-0346	1507	550	anthracite	694/2368	500	£371	£445.20
QS-180-055-0346	1827	550	anthracite	851/2904	600	£421	£505.20
QSC-075-045	803	450	chrome	206/703	150	£488	£585.60
QSC-120-045	1251	450	chrome	313/1068	200	£625	£750.00
QSC-120-055	1251	550	chrome	376/1283	300	£692	£830.40
QSC-150-045	1507	450	chrome	371/1266	300	£767	£920.40
QSC-150-055	1507	550	chrome	443/1512	300	£823	£987.60
QSC-180-055	1827	550	chrome	544/1856	400	£933	£1,119.60

*White (RAL 9016)

**Dual energy:** Self fit (additional cost to central heating model prices). For more information please see page 114.

Electric Heating Model	Height mm	Width mm	Finish	Simple Electric Immersion heater Rating Watts Class II IPX4 Zones 1 and 2	RRP (ex VAT)	RRP (inc 20% VAT)
Zehnder Quaro Spa Electric						
QSE-075-045/GF	833	450	white	300	£534	£640.80
QSE-120-045/GF	1281	450	white	300	£551	£661.20
QSE-120-055/GF	1281	550	white	500	£581	£697.20
QSE-150-045/GF	1537	450	white	500	£596	£715.20
QSE-150-055/GF	1537	550	white	600	£625	£750.00
QSE-180-055/GF	1857	550	white	750	£665	£798.00
QSEC-120-045/GF	1281	450	chrome	300	£970	£1,164.00
QSEC-120-055/GF	1281	550	chrome	300	£1,037	£1,244.40
QSEC-150-045/GF	1537	450	chrome	300	£1,112	£1,334.40
QSEC-150-055/GF	1537	550	chrome	300	£1,170	£1,404.00
QSEC-180-055/GF	1857	550	chrome	500	£1,278	£1,533.60

*White (RAL 9016)

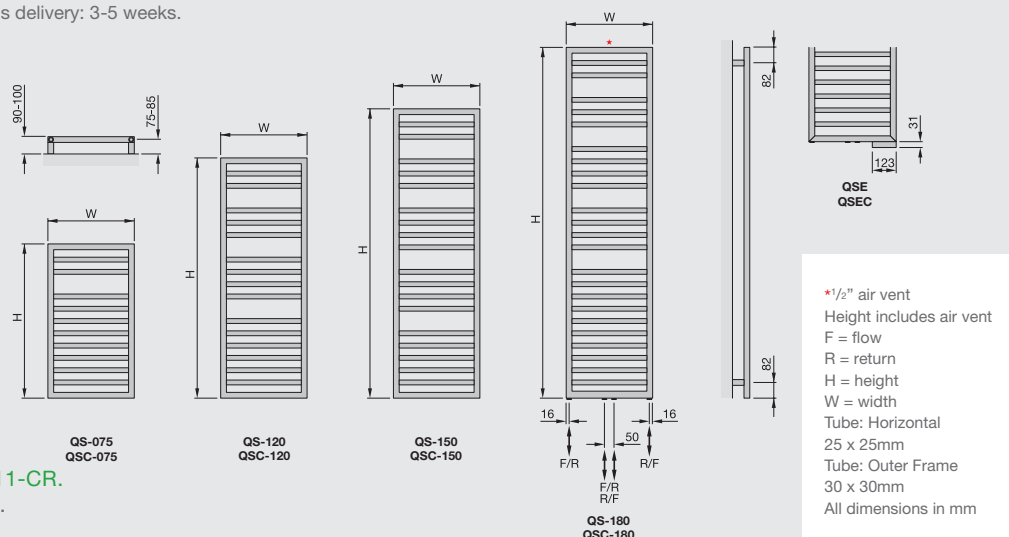
**Colour finish:** Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 + 25%.

Colour finish and non-stock products delivery: 3-5 weeks.



Zehnder recommends VALVE-SET-11-CR.

For more information see page 128.



Please note
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displayed, on all
orders placed from
1st August 2021

The **Quaro Spa** has an elegant square profile frame and horizontal heating pipes. Beautifully designed with clarity and simplicity, even the right-angled wall brackets are stylish. Generously spaced tubes give plenty of room for warming fluffy towels.

Available in chrome and two stocked colours as standard with an additional 50 colour options in our Made to Order range.

Where space is restricted the Zehnder Quaro Spa is available with a room divider bracket option. To order this version please stipulate on your purchase order at the time of ordering.

Additional price:
White finish: £46
Colour finish: £58
Chrome finish: £60



eco
DESIGN

Electric Option

Radio frequency remote programmer, see page 115.



Receiver for RF Controller



EN 442

CE

Zehnder Ribbon



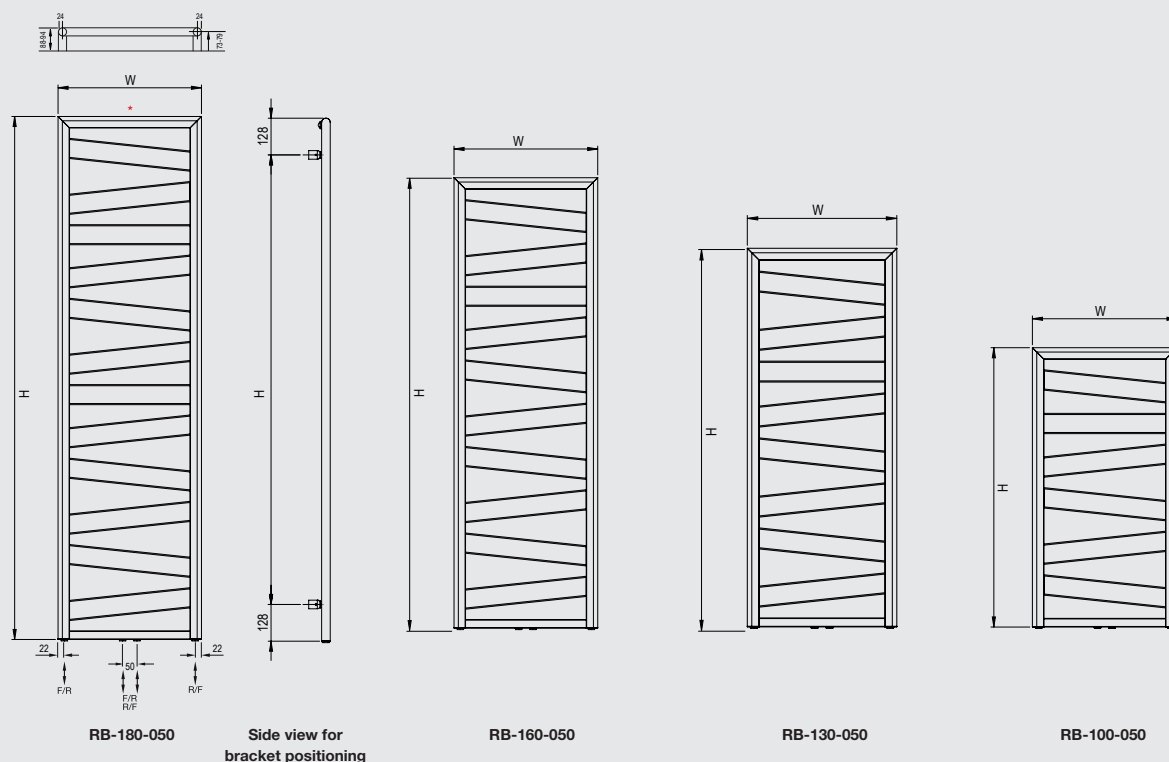
Stocked Items

In stock items highlighted 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)	RRP (inc 20% VAT)
Zehnder Ribbon							
RB-100-050	965	500	white*	398/1358	300	£282	£338.40
RB-130-050	1266	500	white*	509/1737	300	£338	£405.60
RB-160-050	1567	500	white*	621/2119	400	£394	£472.80
RB-180-050	1823	500	white*	723/2467	500	£449	£538.80
RB-100-050-0557	965	500	matt black	398/1358	300	£353	£423.60
RB-130-050-0557	1266	500	matt black	509/1737	300	£423	£507.60
RB-160-050-0557	1567	500	matt black	621/2119	400	£493	£591.60
RB-180-050-0557	1823	500	matt black	723/2467	500	£561	£673.20
RBC-100-050	965	500	chrome	261/891	200	£676	£811.20
RBC-130-050	1266	500	chrome	327/1116	250	£822	£986.40
RBC-160-050	1567	500	chrome	393/1341	300	£958	£1,149.60
RBC-180-050	1823	500	chrome	461/1573	300	£1,092	£1,310.40

*White (RAL 9016)

**Dual energy:** Self fit (additional cost to central heating model prices). For more information please see page 114.**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 recommends VALVE-SET-2-CR

For more information see page 108.

*1/2" air vent
Width excludes air vent
F = flow
R = return
H = height
W = width
All dimensions in mm
Tube: horizontal 70 x 8mm
Tube: vertical 30 x 4mm
D-shaped tubes

The super sleek and stylish **Ribbon** towel radiator is suitable for modern bathroom interiors and available in a range of sizes, and in over 50 finishes including chrome, white and matt black.



Flame Red 3000 RAL 3000



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

EN 442 CE

Zehnder

Ribbon Electric



Electric Heating Model	Height mm	Width mm	Finish	Watts Radio frequency remote programmer IPX4 Zone 1 Bath, Zone 2 Shower, Class II	RRP (ex VAT)	RRP (inc 20% VAT)
Zehnder Ribbon Electric						
RB-130-050/GF	1266	500	white*	500	£608	£729.60
RB-160-050/GF	1567	500	white*	600	£677	£812.40
RB-180-050/GF	1823	500	white*	750	£749	£898.80
RB-130-050/GF-0557	1266	500	matt black	500	£760	£912.00
RB-160-050/GF-0557	1567	500	matt black	600	£846	£1,015.20
RB-180-050/GF-0557	1823	500	matt black	750	£936	£1,123.20
RBC-130-050/GF	1266	500	chrome	300	£1,084	£1,300.80
RBC-160-050/GF	1567	500	chrome	300	£1,251	£1,501.20
RBC-180-050/GF	1823	500	chrome	500	£1,423	£1,707.60

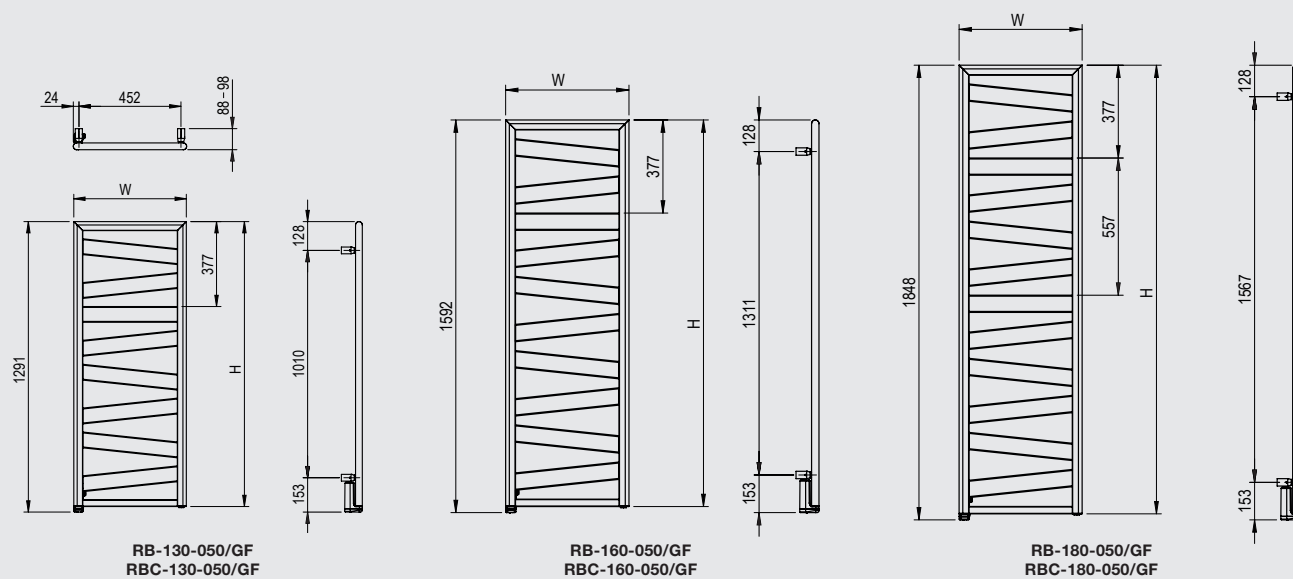
Note: Height does not include the immersion heater. (See diagrams below)

*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.



Immersion heater = 25
All dimensions in mm
Tube: horizontal 70 x 8mm
Tube: vertical 30 x 4mm
D-shaped tubes

Ribbon Electric is available in three different sizes ideal for any modern bathroom interior. Complies with the new Eco Design Directive.

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



eco
DESIGN

Electric Option

Radio frequency remote programmer, see page 115.



Immersion Heater



EN 442 CE

Zehnder Roda



Stocked Items

In stock items highlighted 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)	RRP (inc 20% VAT)
Zehnder Roda Vertical Single panel								
ROV-180-029	1800	296	70	white*	4	568/1938	£225	£270.00
ROV-180-037	1800	370	70	white*	5	710/2423	£263	£315.60
ROV-180-044	1800	444	70	white*	6	852/2907	£301	£361.20
ROV-180-051	1800	518	70	white*	7	994/3392	£339	£406.80
ROV-180-059	1800	592	70	white*	8	1136/3876	£377	£452.40
ROV-180-066	1800	666	70	white*	9	1278/4361	£415	£498.00

Zehnder Roda Vertical Double panel								
ROVD-180-029	1800	296	93	white*	4	836/2853	£364	£436.80
ROVD-180-037	1800	370	93	white*	5	1045/3566	£433	£519.60
ROVD-180-044	1800	444	93	white*	6	1254/4279	£502	£602.40
ROVD-180-051	1800	518	93	white*	7	1463/4992	£571	£685.20
ROVD-180-059	1800	592	93	white*	8	1672/5705	£640	£768.00
ROVD-180-066	1800	666	93	white*	9	1881/6418	£709	£850.80

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

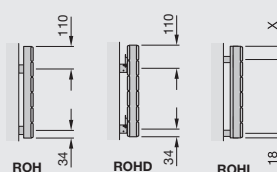
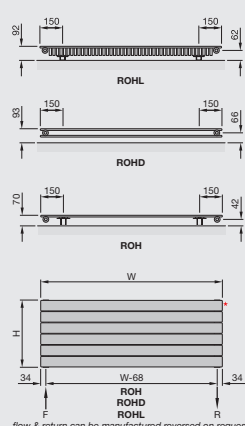
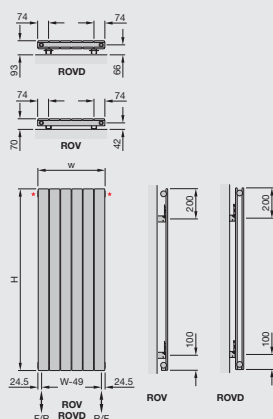
In Stock items highlighted	Height mm	Width mm	Overall projection	Finish	Number of tubes	Output $\Delta T=50^{\circ}\text{C}$ Watts/btu All outputs certified to EN 442	RRP (ex VAT)	RRP (inc 20% VAT)
Zehnder Roda Horizontal Single panel								
ROH-059-060	592	600	70	white*	8	399/1361	£205	£246.00
ROH-059-080	592	800	70	white*	8	532/1815	£231	£277.20
ROH-059-100	592	1000	70	white*	8	665/2269	£257	£308.40
ROH-059-120	592	1200	70	white*	8	798/2723	£283	£339.60
ROH-059-140	592	1400	70	white*	8	931/3177	£309	£370.80
ROH-059-160	592	1600	70	white*	8	1064/3630	£336	£403.20

Zehnder Roda Horizontal Single panel with single convactor fin								
ROHL-059-060	592	600	92	white*	8	644/2197	£283	£339.60
ROHL-059-080	592	800	92	white*	8	859/2931	£329	£394.80
ROHL-059-100	592	1000	92	white*	8	1074/3665	£376	£451.20
ROHL-059-120	592	1200	92	white*	8	1289/4398	£423	£507.60
ROHL-059-140	592	1400	92	white*	8	1504/5132	£469	£562.80
ROHL-059-160	592	1600	92	white*	8	1718/5862	£516	£619.20

Zehnder Roda Horizontal Double panel								
ROHD-059-060	592	600	93	white*	8	641/2187	£336	£403.20
ROHD-059-080	592	800	93	white*	8	855/2917	£380	£456.00
ROHD-059-100	592	1000	93	white*	8	1069/3648	£425	£510.00
ROHD-059-120	592	1200	93	white*	8	1283/4378	£470	£564.00
ROHD-059-140	592	1400	93	white*	8	1497/5108	£514	£616.80
ROHD-059-160	592	1600	93	white*	8	1710/5835	£559	£670.80

*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.



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

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

A simple, effective and efficient radiator, the **Roda** is perfect for all living areas, and is also available as a Made to Measure option to fit those awkward spaces in your home.



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

ROVD-180-029 MANHATTAN 0077 (Valves for illustration only)



RODA curved



Zehnder recommends VALVE-SET-2-CR.
For more information see page 108.



ROHD-044-100 VOLCANIC 0336. SEE PAGE 72 for made to measure options.

Zehnder

Roda Made to Measure



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 are priced at: 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

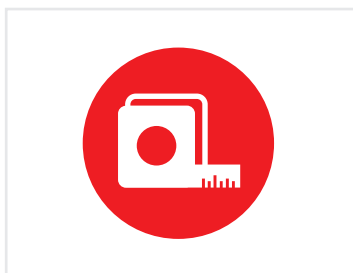
Optional welded on feet (all models)

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.

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



Zehnder recommends **VALVE-SET-10-CR**.
For more information see page 108.
Not suitable for horizontal

Please note
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displayed, on all
orders placed from
1st August 2021



Zehnder Roda Electric

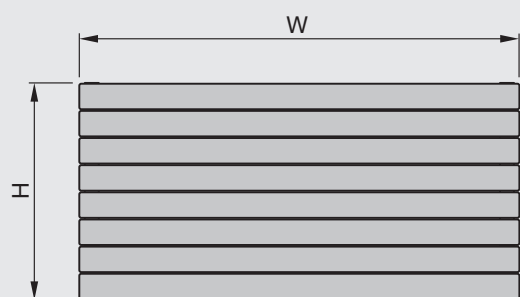


Stocked Items

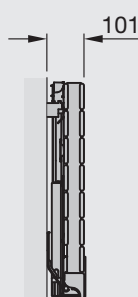
In stock items highlighted in black	Height mm	Width mm	Finish	No. of tubes	Watts Radio frequency remote programmer Zone 1 Bath, Zone 2 Shower, Class II	Weight kg	RRP (ex VAT)	RRP (inc 20% VAT)
Zehnder Roda Electric Vertical								
ROEV150-040/GF	1517	370	white	5	750	24	£947	£1,136.40
ROEV180-045/GF	1817	444	white	6	1000	32	£1,026	£1,231.20
ROEV180-060/GF	1817	592	white	8	1500	40	£1,124	£1,348.80
Zehnder Roda Electric Horizontal								
ROEHD040-080/GF	444	800	white	6	750	21.5	£792	£950.40
ROEHD060-080/GF	592	800	white	8	1000	28.7	£832	£998.40
ROEHD040-110/GF	444	1100	white	6	1000	28.3	£896	£1,075.20
ROEHD060-110/GF	592	1100	white	8	1250	38.5	£846	£1,015.20
ROEHD040-150/GF	444	1500	white	6	1500	37.7	£902	£1,082.40
ROEHD060-130/GF	592	1300	white	8	1500	44.8	£943	£1,131.60
ROEHD060-150/GF	592	1500	white	8	2000	50.4	£982	£1,178.40

Accessories: Please refer to accessories section page 125.

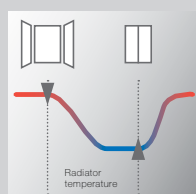
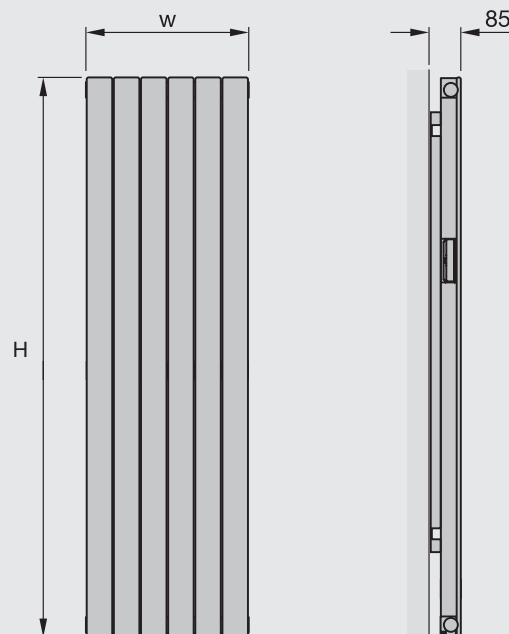
Colour finish: Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 + 25%.
Colour finish and non-stock products delivery: 3–5 weeks.



ROEHD



ROEV



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

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



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ROEHD040-110/GF VOLCANIC 0336



ROEV150-040/GF PERGAMON 0081

Zehnder

Roda Mirror

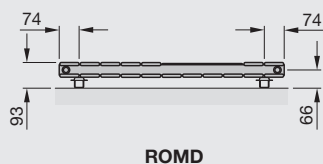


Stocked Items

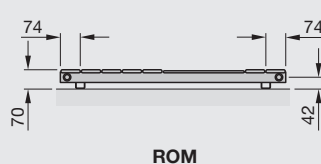
In stock items highlighted in black	Height mm	Width mm	Overall Projection	No. of tubes	Output $\Delta T=50^{\circ}\text{C}$ Watts/btu All outputs certified to EN 442	RRP (ex VAT)	RRP (inc 20% VAT)
Zehnder Roda Mirror							
ROM-180-059	1800	592	white*	2+2	544/1856	£454	£544.80
ROM-180-067	1800	666	white*	3+2	680/2320	£501	£601.20
ROM-180-081	1800	814	white*	5+2	952.3248	£572	£686.40
ROMD-180-067	1800	666	white*	6+4	1355/4623	£797	£956.40
ROMD-180-081	1800	814	white*	10+4	1527/5210	£917	£1,100.40

*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.

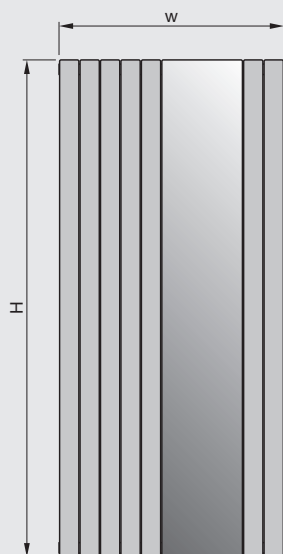


ROMD

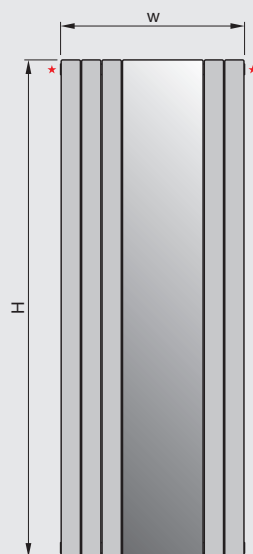


ROM

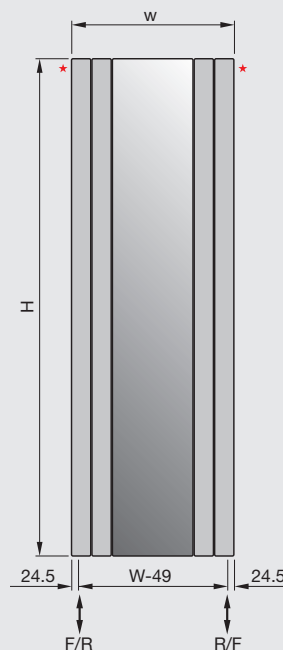
*1/8" air vent
Width excludes air vent
F = flow
R = return
H = height
W = width
Tube: Dimensions 70mm x 11mm
Tube: Horizontal tubes: $\varnothing 38\text{mm}$
All dimensions in mm



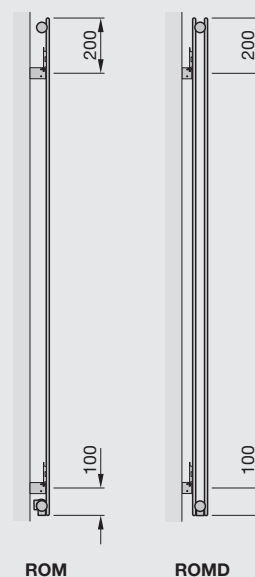
ROM-180-081
ROMD-180-081



ROM-180-067
ROMD-180-067



ROM-180-059



ROM

ROMD

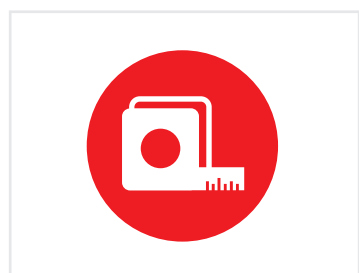


Zehnder recommends
VALVE-SET-10-CR.
For more information see page 108.

With a full-length mirror to enhance its elegance, the **Roda Mirror** radiator is a stylish asset to any home.



ROM-180-059 PETAL 0510



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orders placed from
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EN 442 CE

ROM-180-067 WHITE RAL 9016

Zehnder Roda Spa



Stocked Items

In stock items highlighted 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)	RRP (inc 20% VAT)
Zehnder Roda Spa								
RO-060-100	667	1000	white*	8	656/2238	400	£495	£594.00
RO-070-050	741	500	white*	8	377/1286	250	£359	£430.80
RO-100-050	1037	500	white*	11	504/1720	300	£426	£511.20
RO-120-050	1259	500	white*	13	583/1989	400	£471	£565.20
RO-150-050	1481	500	white*	16	691/2358	500	£568	£681.60
RO-180-050	1851	500	white*	20	817/2788	500	£690	£828.00
RO-180-060	1851	600	white*	20	980/3344	600	£718	£861.60
RO-180-080	1851	800	white*	20	1307/4460	900	£879	£1,054.80
RO-070-050-0346	741	500	anthracite	8	377/1286	250	£449	£538.80
RO-120-050-0346	1259	500	anthracite	13	583/1989	400	£589	£706.80
RO-150-050-0346	1481	500	anthracite	16	691/2358	500	£710	£852.00

*White (RAL 9016)

**Dual energy:** Self fit (additional cost to central heating model prices). For more information please see page 114.

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)	RRP (inc 20% VAT)
Zehnder Roda Spa Electric							
ROE-090-050/GF	835	500	white*	9	500	£606	£727.20
ROE-150-050/GF	1353	500	white*	14	750	£747	£896.40
ROE-180-050/GF	1649	500	white*	18	1000	£818	£981.60
ROE-200-060/GF	1871	600	white*	20	1250	£896	£1,075.20
ROE-200-080/GF	1871	800	white*	20	1500	£998	£1,197.60

*White (RAL 9016)

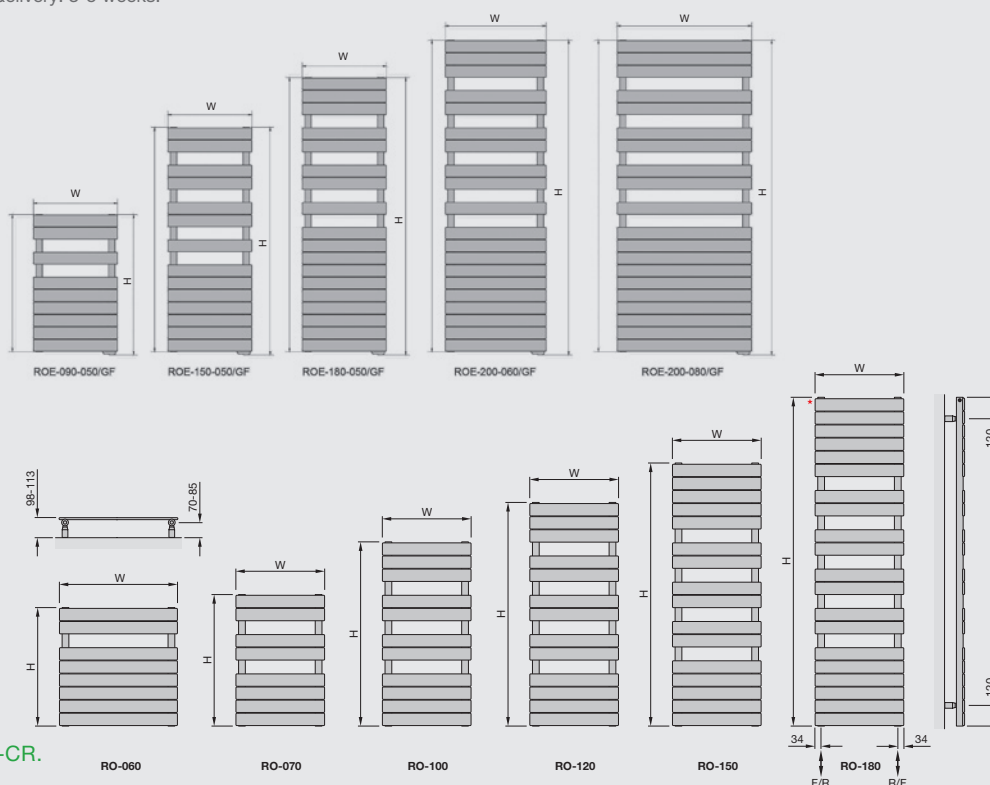
Note: Height includes immersion heater (See diagrams below).**Colour finish:** Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 +25%.

Colour finish and non-stock products delivery: 3-5 weeks.

*1/8" air vent
Width excludes air vent
F = flow
R = return
H = height
W = width
Tube: Dimensions: 70mm x 11mm
Tube: Vertical $\varnothing$ 38mm
Immersion heater: 20
All dimensions in mm

**Zehnder recommends VALVE-SET-11-CR.**

For more information see page 108.



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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ROE-200-060/GF PACIFIC BLUE 0519



RO-180-060 TRAFFIC WHITE 9016



Electric Option
Radio frequency remote
programmer, see page 115.

**eco
DESIGN**



RO-060-100 TRAFFIC WHITE 9016

Zehnder Roda Spa Asym



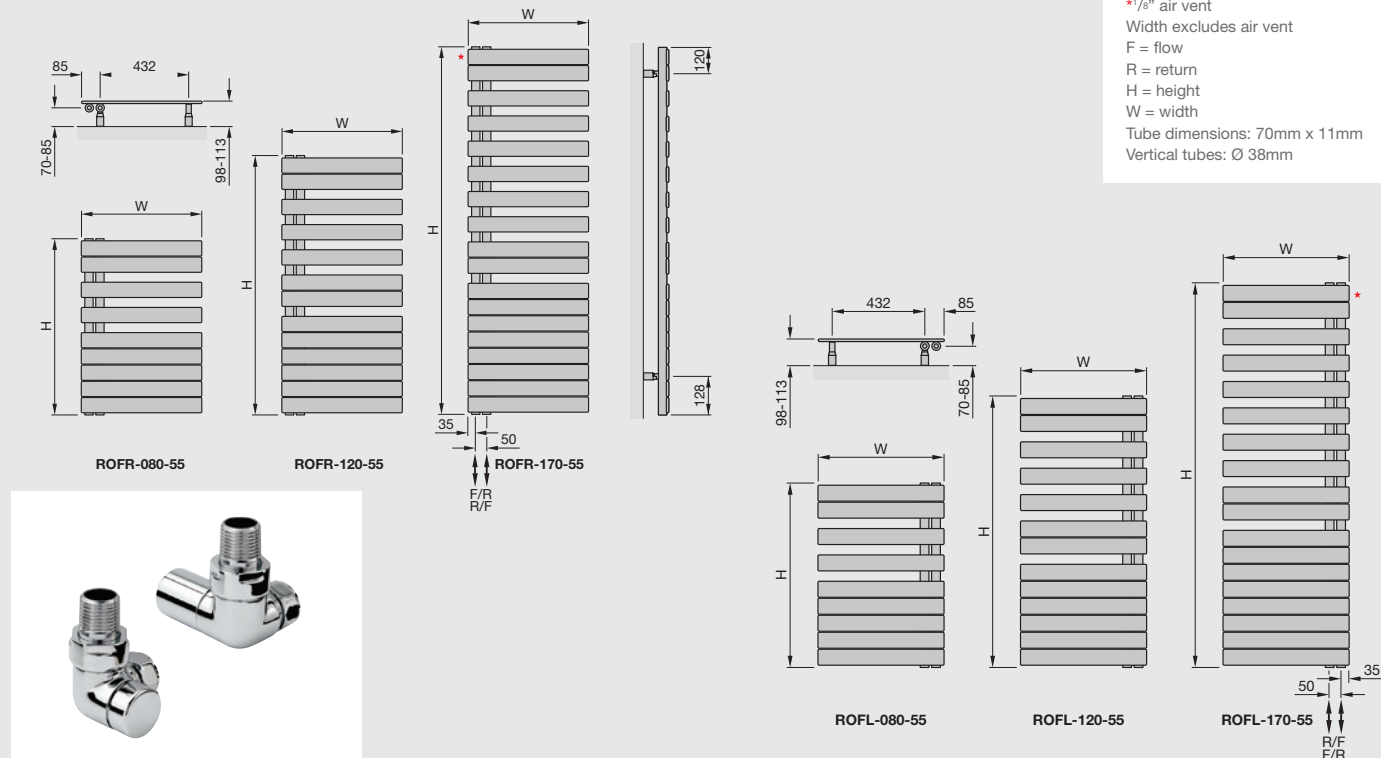
Stocked Items

In stock items highlighted 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)	RRP (inc 20% VAT)
Zehnder Roda Spa Asym								
ROFL-080-055	805	550	white*	9	429/1464	300	£380	£456.00
ROFL-120-055	1183	550	white*	13	594/2027	400	£471	£565.20
ROFL-170-055	1676	550	white*	18	809/2760	500	£630	£756.00
ROFR-080-055	805	550	white*	9	429/1464	300	£380	£456.00
ROFR-120-055	1183	550	white*	13	594/2027	400	£471	£565.20
ROFR-170-055	1676	550	white*	18	809/2760	500	£630	£756.00
ROFL-080-055-0336	805	550	volcanic	9	429/1464	300	£475	£570.00
ROFL-120-055-0336	1183	550	volcanic	13	594/2027	400	£589	£706.80
ROFL-170-055-0336	1676	550	volcanic	18	809/2760	500	£788	£945.60
ROFR-080-055-0336	805	550	volcanic	9	429/1464	300	£475	£570.00
ROFR-120-055-0336	1183	550	volcanic	13	594/2027	400	£589	£706.80
ROFR-170-055-0336	1676	550	volcanic	18	809/2760	500	£788	£945.60
ROFL-080-055-0523	805	550	beige quartz	9	429/1464	300	£475	£570.00
ROFL-120-055-0523	1183	550	beige quartz	13	594/2027	400	£589	£706.80
ROFL-170-055-0523	1676	550	beige quartz	18	809/2760	500	£788	£945.60
ROFR-080-055-0523	805	550	beige quartz	9	429/1464	300	£475	£570.00
ROFR-120-055-0523	1183	550	beige quartz	13	594/2027	400	£589	£706.80
ROFR-170-055-0523	1676	550	beige quartz	18	809/2760	500	£788	£945.60
ROFL-080-055-0529	805	550	brown quartz	9	429/1464	300	£475	£570.00
ROFL-120-055-0529	1183	550	brown quartz	13	594/2027	400	£589	£706.80
ROFL-170-055-0529	1676	550	brown quartz	18	809/2760	500	£788	£945.60
ROFR-080-055-0529	805	550	brown quartz	9	429/1464	300	£475	£570.00
ROFR-120-055-0529	1183	550	brown quartz	13	594/2027	400	£589	£706.80
ROFR-170-055-0529	1676	550	brown quartz	18	809/2760	500	£788	£945.60

*White (RAL 9016)

**Dual energy:** Self fit (additional cost to central heating model prices). For more information please see page 114.**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 recommends VALVE-SET-2-CR.

For more information see page 108.

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

Zehnder

Roda Spa Asym Electric



Stocked Items

In stock items highlighted 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)	RRP (inc 20% VAT)
Zehnder Roda Spa Asym Electric							
ROFEL-080-55/GF	828	550	white*	9	500	£555	£666.00
ROFEL-120-55/GF	1206	550	white*	13	750	£685	£822.00
ROFEL-170-55/GF	1699	550	white*	18	1000	£806	£967.20
ROFER-080-55/GF	828	550	white*	9	500	£555	£666.00
ROFER-120-55/GF	1206	550	white*	13	750	£685	£822.00
ROFER-170-55/GF	1699	550	white*	18	1000	£806	£967.20

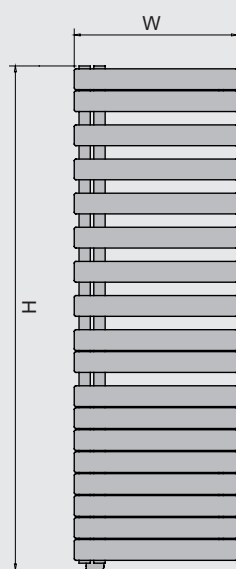
*White (RAL 9016)

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

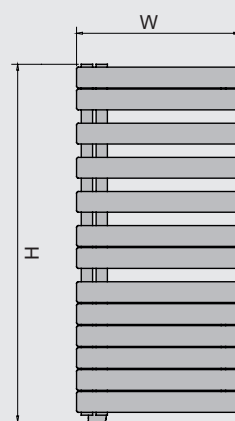


Colour finish: Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 +25%.

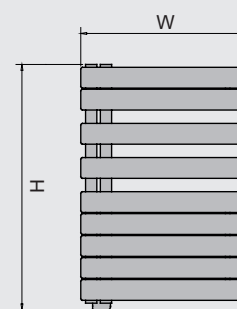
Colour finish and non-stock products delivery: 3-5 weeks.



ROFER-170-55/GF



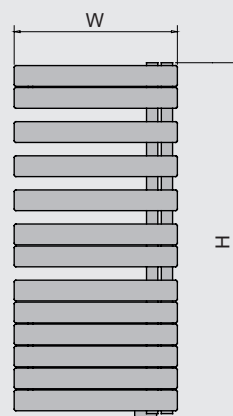
ROFER-120-55/GF



ROFER-080-55/GF



ROFEL-080-55/GF



ROFEL-120-55/GF



ROFEL-170-55/GF

H = height
W = width
Tube: Dimensions: 70mm x 11mm
Tube: Vertical tubes: Ø 38mm
Immersion heater: 23
All dimensions in mm

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 115.



Electric Receiver

eco
DESIGN

EN 442 CE

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Zehnder

Sfera Bow



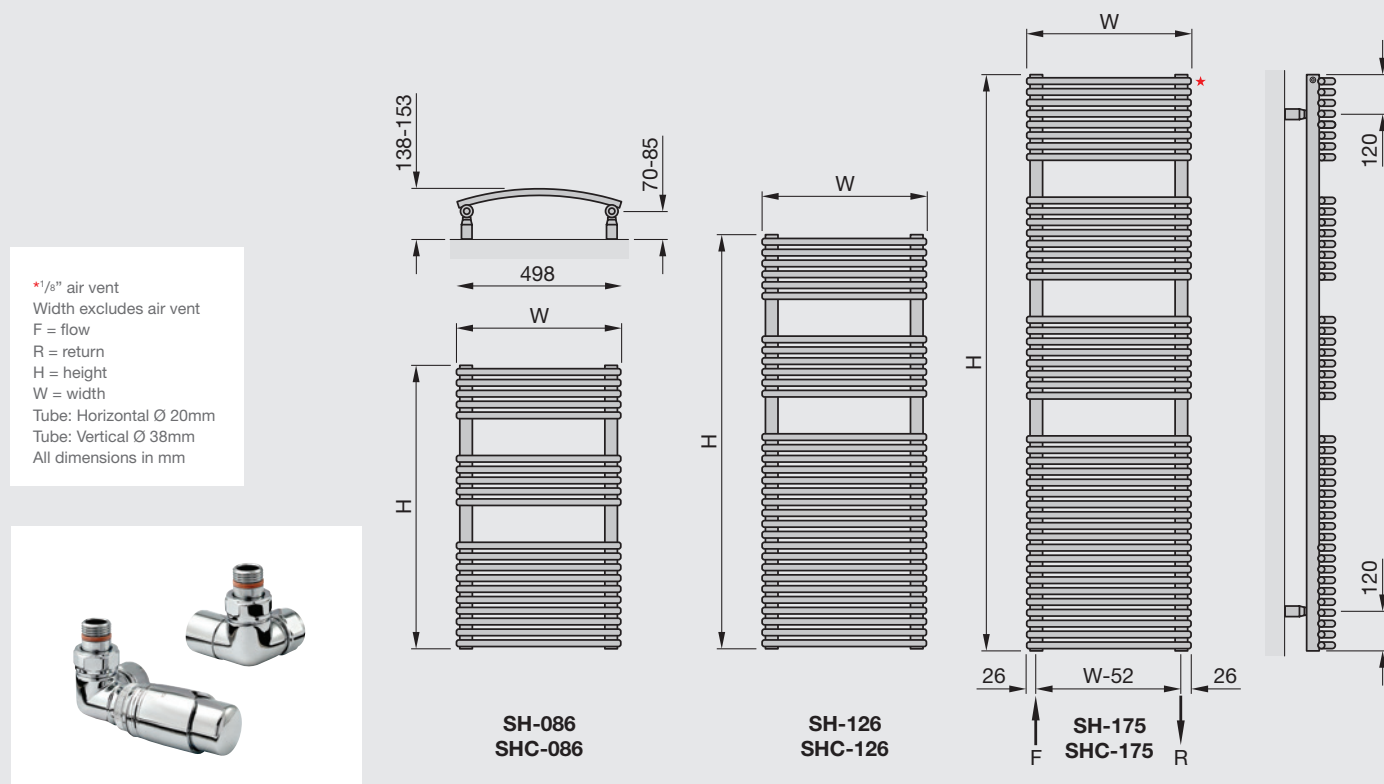
Stocked Items

In stock items highlighted 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)	RRP (inc 20% VAT)
Zehnder Sfera Bow							
SH-086-050	859	498	white*	460/1569	300	£179	£214.80
SH-086-060	859	593	white*	554/1890	300	£191	£229.20
SH-126-050	1255	498	white*	710/2423	500	£211	£253.20
SH-126-060	1225	593	white*	850/2900	600	£228	£273.60
SH-175-050	1750	498	white*	946/3228	600	£294	£352.80
SH-175-060	1750	593	white*	1126/3841	750	£303	£363.60
SH-086-050-0346	859	498	anthracite	460/1569	300	£224	£268.80
SH-086-060-0346	859	593	anthracite	554/1890	300	£239	£286.80
SH-126-050-0346	1255	498	anthracite	710/2423	500	£264	£316.80
SH-126-060-0346	1255	593	anthracite	850/2900	600	£285	£342.00
SH-175-050-0346	1750	498	anthracite	946/3228	600	£368	£441.60
SH-175-060-0346	1750	593	anthracite	1126/3841	750	£379	£454.80
SHC-086-050	859	498	chrome	316/1078	200	£387	£464.40
SHC-086-060	859	593	chrome	350/1194	200	£419	£502.80
SHC-126-050	1255	498	chrome	476/1624	300	£494	£592.80
SHC-126-060	1255	593	chrome	573/1955	300	£535	£642.00
SHC-175-050	1750	498	chrome	650/2218	500	£732	£878.40
SHC-175-060	1750	593	chrome	775/2644	500	£794	£952.80

*White (RAL 9016)

**Dual energy:** Self fit (additional cost to central heating model prices). For more information please see page 114.**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 recommends VALVE-SET-10-CR.

For more information see page 108.

The **Sfera Bow** exudes elegance with its sophisticated gently curved and slender tubes, which are not only aesthetically appealing, but also provide ample space for drying towels.

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SHC-126-060 CHROME 0008



EN 442 CE

SH-126-060-0346 ANTHRACITE

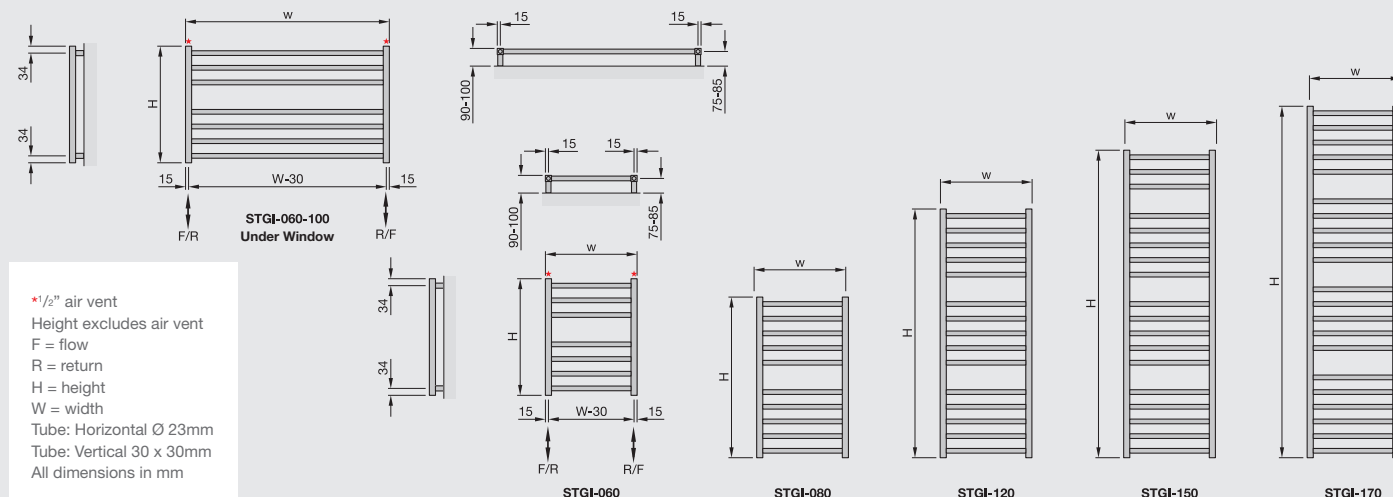
Zehnder Stellar Spa



Stocked Items

In stock items highlighted 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)	RRP (inc 20% VAT)
Zehnder Stellar Spa Stainless Steel							
STGI-060-045	572	450	s/steel polished	161/549	100	£247	£296.40
STGI-060-100	572	1000	s/steel polished	272/928	150	£443	£531.60
STGI-080-030	788	300	s/steel polished	171/583	100	£248	£297.60
STGI-080-045	788	450	s/steel polished	220/751	100	£297	£356.40
STGI-080-050	788	500	s/steel polished	234/798	150	£314	£376.80
STGI-080-060	788	600	s/steel polished	243/829	150	£349	£418.80
STGI-120-030	1220	300	s/steel polished	240/819	150	£353	£423.60
STGI-120-045	1220	450	s/steel polished	309/1054	150	£404	£484.80
STGI-120-050	1220	500	s/steel polished	353/1204	250	£426	£511.20
STGI-120-060	1220	600	s/steel polished	379/1293	200	£470	£564.00
STGI-150-045	1508	450	s/steel polished	361/1232	300	£623	£747.60
STGI-150-060	1508	600	s/steel polished	448/1529	300	£715	£858.00
STGI-170-045	1724	450	s/steel polished	434/1481	200	£718	£861.60
STGI-170-050	1724	500	s/steel polished	477/1628	300	£753	£903.60
STGI-170-060	1724	600	s/steel polished	517/1764	300	£823	£987.60
STGI-060-100-0557	572	1000	matt black	394/1344	250	£443	£531.60
STGI-080-050-0557	788	500	matt black	313/1068	200	£314	£376.80
STGI-080-060-0557	788	600	matt black	363/1239	250	£349	£418.80
STGI-120-045-0557	1220	450	matt black	448/1529	300	£404	£484.80
STGI-120-050-0557	1220	500	matt black	512/1747	300	£426	£511.20
STGI-120-060-0557	1220	600	matt black	554/1890	300	£470	£564.00
STGI-170-050-0557	1724	500	matt black	704/2402	500	£753	£903.60
STGI-170-060-0557	1724	600	matt black	791/2699	500	£823	£987.60
STGI-060-045-CF*	572	450	s/steel painted	219/747	150	£247	£296.40
STGI-060-100-CF*	572	1000	s/steel painted	394/1344	250	£443	£531.60
STGI-080-030-CF*	788	300	s/steel painted	218/744	150	£248	£297.60
STGI-080-045-CF*	788	450	s/steel painted	294/1003	200	£297	£356.40
STGI-080-050-CF*	788	500	s/steel painted	313/1068	200	£314	£376.80
STGI-080-060-CF*	788	600	s/steel painted	363/1239	250	£349	£418.80
STGI-120-030-CF*	1220	300	s/steel painted	332/1133	200	£353	£423.60
STGI-120-045-CF*	1220	450	s/steel painted	448/1529	300	£404	£484.80
STGI-120-050-CF*	1220	500	s/steel painted	512/1747	300	£426	£511.20
STGI-120-060-CF*	1220	600	s/steel painted	554/1890	300	£470	£564.00
STGI-150-045-CF*	1508	450	s/steel painted	556/1897	300	£623	£747.60
STGI-150-060-CF*	1508	600	s/steel painted	687/2344	400	£715	£858.00
STGI-170-045-CF*	1724	450	s/steel painted	640/2184	400	£718	£861.60
STGI-170-050-CF*	1724	500	s/steel painted	704/2402	500	£753	£903.60
STGI-170-060-CF*	1724	600	s/steel painted	791/2699	500	£823	£987.60

*No price surcharge for colour finishes.

**Dual energy:** Self fit (additional cost to central heating model prices). For more information please see page 114.**Colour finish:** Standard colours from the Zehnder colour chart. No charge for colour option. Delivery of colour finish and non-stock products: 4-6 weeks.

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.



STGI-080-045 STAINLESS STEEL FINISH



Zehnder recommends VALVE-SET-2-CR.
For more information see page 108.



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will be applied to
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displayed, on all
orders placed from
1st August 2021

STGI-170-060 MATT BLACK 0557



STGI-060-100 STAINLESS STEEL FINISH

Zehnder Subway



Stocked Items

In stock items highlighted 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)	RRP (inc 20% VAT)
Zehnder Subway							
SUB-060-045	613	450	white*	310/1058	200	£202	£242.40
SUB-100-045	973	450	white*	401/1368	300	£217	£260.40
SUB-100-060	973	600	white*	499/1703	300	£236	£283.20
SUB-130-045	1261	450	white*	509/1737	300	£240	£288.00
SUB-130-060	1261	600	white*	639/2180	400	£268	£321.60
SUB-150-045	1549	450	white*	615/2098	400	£281	£337.20
SUB-150-060	1549	600	white*	772/2634	500	£313	£375.60
SUB-180-045	1837	450	white*	715/2440	500	£318	£381.60
SUB-180-060	1837	600	white*	898/3064	600	£352	£422.40
SUBC-060-045	613	450	chrome	205/699	100	£439	£526.80
SUBC-100-045	973	450	chrome	265/904	200	£564	£676.80
SUBC-100-060	973	600	chrome	329/1123	200	£637	£764.40
SUBC-130-045	1261	450	chrome	335/1143	200	£639	£766.80
SUBC-130-060	1261	600	chrome	406/1385	300	£708	£849.60
SUBC-150-045	1549	450	chrome	420/1433	300	£755	£906.00
SUBC-150-060	1549	600	chrome	508/1733	300	£837	£1,004.40
SUBC-180-045	1837	450	chrome	485/1655	300	£843	£1,011.60
SUBC-180-060	1837	600	chrome	592/2020	400	£938	£1,125.60

*White (RAL 9016)

**Dual energy:** Self fit (additional cost to central heating model prices). For more information please see page 114.**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.

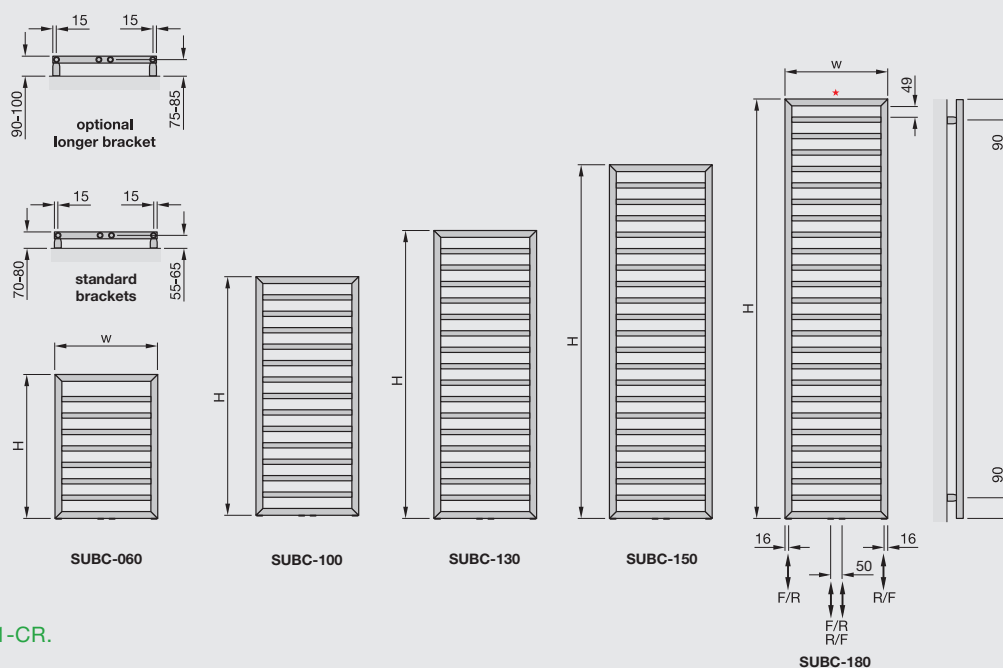
Optional wall brackets: Increases space behind rail by 20mm

Model		RRP (ex VAT)	RRP (inc 20% VAT)
952111	Subway SUB extended bracket kit. White finish.	£47	£56.40
952118	Subway SUBC extended bracket kit. Chrome finish.	£47	£56.40
952119	Subway SUB extended bracket kit. Colour finish.	£47	£56.40

*1/2" air vent
Height excludes air vent
F = flow
R = return
H = height
W = width
Tube: Horizontal $\varnothing$ 23mm
Tube: Vertical 30 x 30mm
All dimensions in mm

**Zehnder recommends VALVE-SET-11-CR.**

For more information see page 108.



The **Subway** is a simple yet elegant towel rail and a popular choice for modern bathrooms. Stocked in either white, chrome and three other colours as standard (see page 90), the Subway is also available in a variety of colours from the Zehnder colour chart.

Where space is restricted the Zehnder Subway is available with a room divider bracket option. To order this version please stipulate on your purchase order at the time of ordering.

Additional price:
White finish: £46
Colour finish: £58
Chrome finish: £60



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orders placed from
1st August 2021



Zehnder Subway



Stocked Items

In stock items highlighted 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)	RRP (inc 20% VAT)
Zehnder Subway							
SUB-060-045-0336	613	450	volcanic	310/1058	200	£253	£303.60
SUB-100-045-0336	973	450	volcanic	401/1368	300	£271	£325.20
SUB-100-060-0336	973	600	volcanic	499/1703	300	£295	£354.00
SUB-130-045-0336	1261	450	volcanic	509/1737	300	£300	£360.00
SUB-130-060-0336	1261	600	volcanic	639/2180	400	£335	£402.00
SUB-150-060-0336	1549	600	volcanic	772/2634	500	£391	£469.20
SUB-180-045-0336	1837	450	volcanic	715/2440	500	£398	£477.60
SUB-060-045-0335	613	450	titane	310/1058	200	£253	£303.60
SUB-100-045-0335	973	450	titane	401/1368	300	£271	£325.20
SUB-100-060-0335	973	600	titane	499/1703	300	£295	£354.00
SUB-130-045-0335	1261	450	titane	509/1737	300	£300	£360.00
SUB-130-060-0335	1261	600	titane	639/2180	400	£335	£402.00
SUB-150-060-0335	1549	600	titane	772/2634	500	£391	£469.20
SUB-180-045-0335	1837	450	titane	715/2440	500	£398	£477.60
SUB-060-045-0557	613	450	matt black	310/1058	200	£253	£303.60
SUB-100-045-0557	973	450	matt black	401/1368	300	£271	£325.20
SUB-100-060-0557	973	600	matt black	499/1703	300	£295	£354.00
SUB-130-045-0557	1261	450	matt black	509/1737	300	£300	£360.00
SUB-130-060-0557	1261	600	matt black	639/2180	400	£335	£402.00
SUB-150-060-0557	1549	600	matt black	772/2634	500	£391	£469.20
SUB-180-045-0557	1837	450	matt black	715/2440	500	£398	£477.60
SUB-180-060-0557	1837	600	matt black	898/3064	600	£440	£528.00



Dual energy: Self fit (additional cost to central heating model prices). For more information please see page 114.



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.

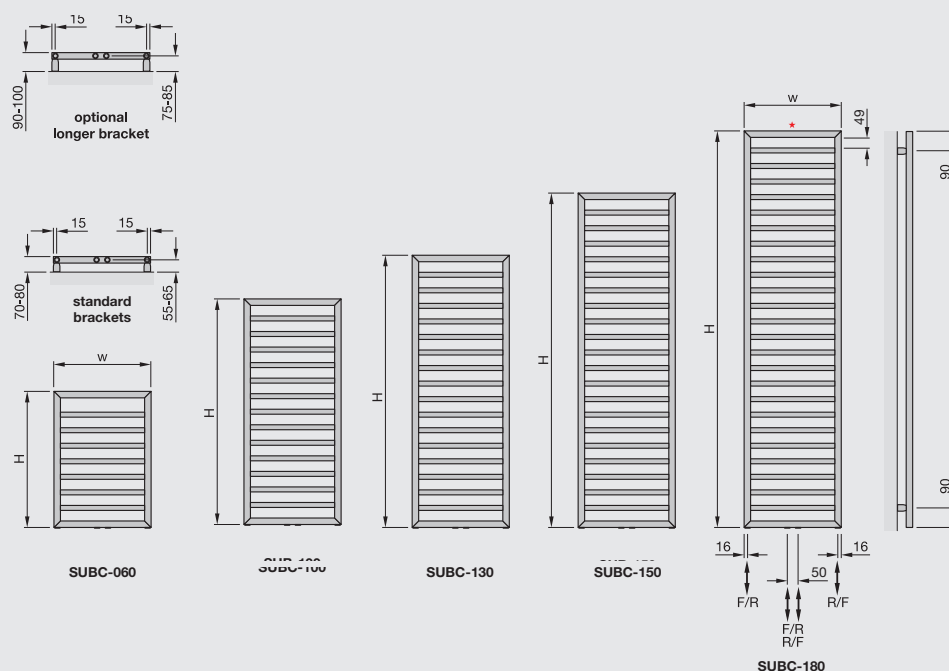
Optional wall brackets: Increases space behind rail by 20mm

Model		RRP (ex VAT)	RRP (inc 20% VAT)
952119	Subway SUB extended bracket kit. Colour finish.	£47	£56.40

*1/2" air vent
Height excludes air vent
F = flow
R = return
H = height
W = width
Tube: Horizontal Ø 23mm
Tube: Vertical 30 x 30mm
All dimensions in mm



Zehnder recommends VALVE-SET-11-CR.
For more information see page 110.



With its classic lines and broad appeal, the contemporary **Subway** towel rail offers comfort and superb design in colour and chrome.

Also available in stainless steel finishes. See page 94.

Where space is restricted the Zehnder Subway is available with a room divider bracket option. To order this version please stipulate on your purchase order at the time of ordering.

Additional price:
White finish: £46
Colour finish: £58
Chrome finish: £60



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EN 442 CE

Zehnder Subway Electric



Stocked Items

In stock items highlighted in black	Height mm	Width mm	Finish	Simple Electric Immersion heater Rating Watts Class II IPX4 Zones 1 and 2	RRP (ex VAT)	RRP (inc 20% VAT)
Zehnder Subway Electric						
SUBE-130-045/F	1261	450	white*	500	£328	£393.60
SUBE-150-045/F	1549	450	white*	600	£379	£454.80
SUBE-150-060/F	1549	600	white*	750	£414	£496.80
SUBE-180-060/F	1837	600	white*	900	£460	£552.00
SUBEC-130-045/F	1261	450	chrome	300	£748	£897.60
SUBEC-150-045/F	1549	450	chrome	300	£876	£1,051.20
SUBEC-150-060/F	1549	600	chrome	500	£968	£1,161.60
SUBEC-180-060/F	1837	600	chrome	600	£1,076	£1,291.20

Electric Heating Model	Height mm	Width mm	Finish	Watts Radio frequency remote programmer IPX4 Zone 1 Bath, Zone 2 Shower, Class II	RRP (ex VAT)	RRP (inc 20% VAT)
Zehnder Subway Electric						
SUBE-130-045/GF	1261	450	white*	500	£615	£738.00
SUBE-150-045/GF	1549	450	white*	600	£670	£804.00
SUBE-150-060/GF	1549	600	white*	750	£734	£880.80
SUBE-180-060/GF	1837	600	white*	900	£796	£955.20
SUBEC-130-045/GF	1261	450	chrome	300	£1,068	£1,281.60
SUBEC-150-045/GF	1549	450	chrome	300	£1,237	£1,484.40
SUBEC-150-060/GF	1549	600	chrome	500	£1,359	£1,630.80
SUBEC-180-060/GF	1837	600	chrome	600	£1,478	£1,773.60

*White (RAL 9016)

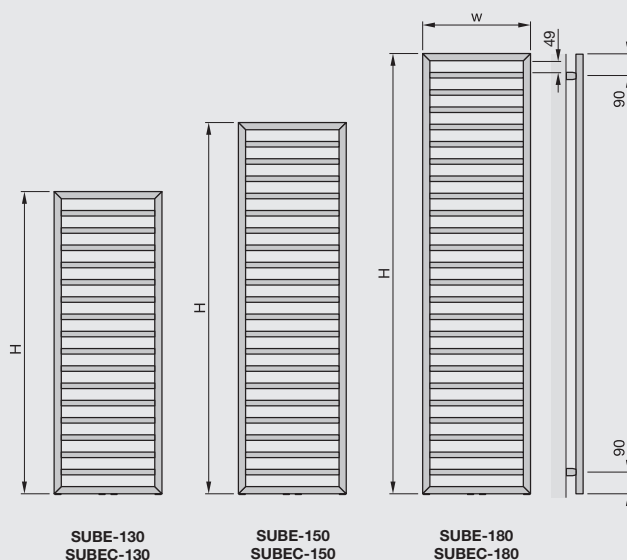
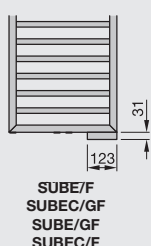
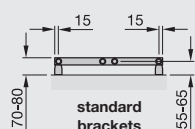
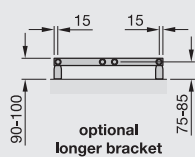
The immersion heater is fitted to the right hand header.

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

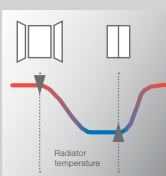
Colour finish: Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 +25%.
Colour finish and non-stock products delivery: 3-5 weeks.

Optional wall brackets: Increases space behind rail by 20mm

Model		RRP (ex VAT)	RRP (inc 20% VAT)
954119	Subway SUBE extended bracket kit. Painted finish.	£47	£56.40



H = height
W = width
Tube: Horizontal Ø 23mm
Tube: Vertical 30 x 30mm
All dimensions in mm



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.

- External temperature sensor recognises temperature changes.
- Integral thermostat reacts to sensor information
- Radiator automatically switches off if a window is open for an extended period.
- Intelligent heating that saves energy and costs.

The simple elegance of the **Subway Electric** is maintained with either a simple immersion heater or a radio frequency remote programmer. Also available in stainless steel see page 94.

Where space is restricted the Zehnder Subway Electric is available with a room divider bracket option. To order this version please stipulate on your purchase order at the time of ordering.

Additional price:
White finish: £46
Colour finish: £58
Chrome finish: £60



SUBE-150-045/GF PURE WHITE 9010



Electric Option
Radio frequency remote programmer, see page 115.

eco
DESIGN



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EN 442 CE

SUBEC-150-045/GF CHROME 0008

Zehnder

Subway Stainless Steel



Stocked Items

In stock items highlighted 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)	RRP (inc 20% VAT)
Zehnder Subway Stainless Steel (brushed)							
SUBI-060-045	613	450	s/steel brushed	221/754	150	£496	£595.20
SUBI-130-045	1261	450	s/steel brushed	370/1262	200	£694	£832.80
SUBI-130-060	1261	600	s/steel brushed	447/1525	300	£770	£924.00
SUBI-150-045	1549	450	s/steel brushed	445/1518	300	£818	£981.60
SUBI-150-060	1549	600	s/steel brushed	538/1836	300	£909	£1,090.80
SUBI-180-045	1837	450	s/steel brushed	523/1784	300	£916	£1,099.20
SUBI-180-060	1837	600	s/steel brushed	633/2160	400	£1,017	£1,220.40

**Dual energy:** Self fit (additional cost to central heating model prices). For more information please see page 114.

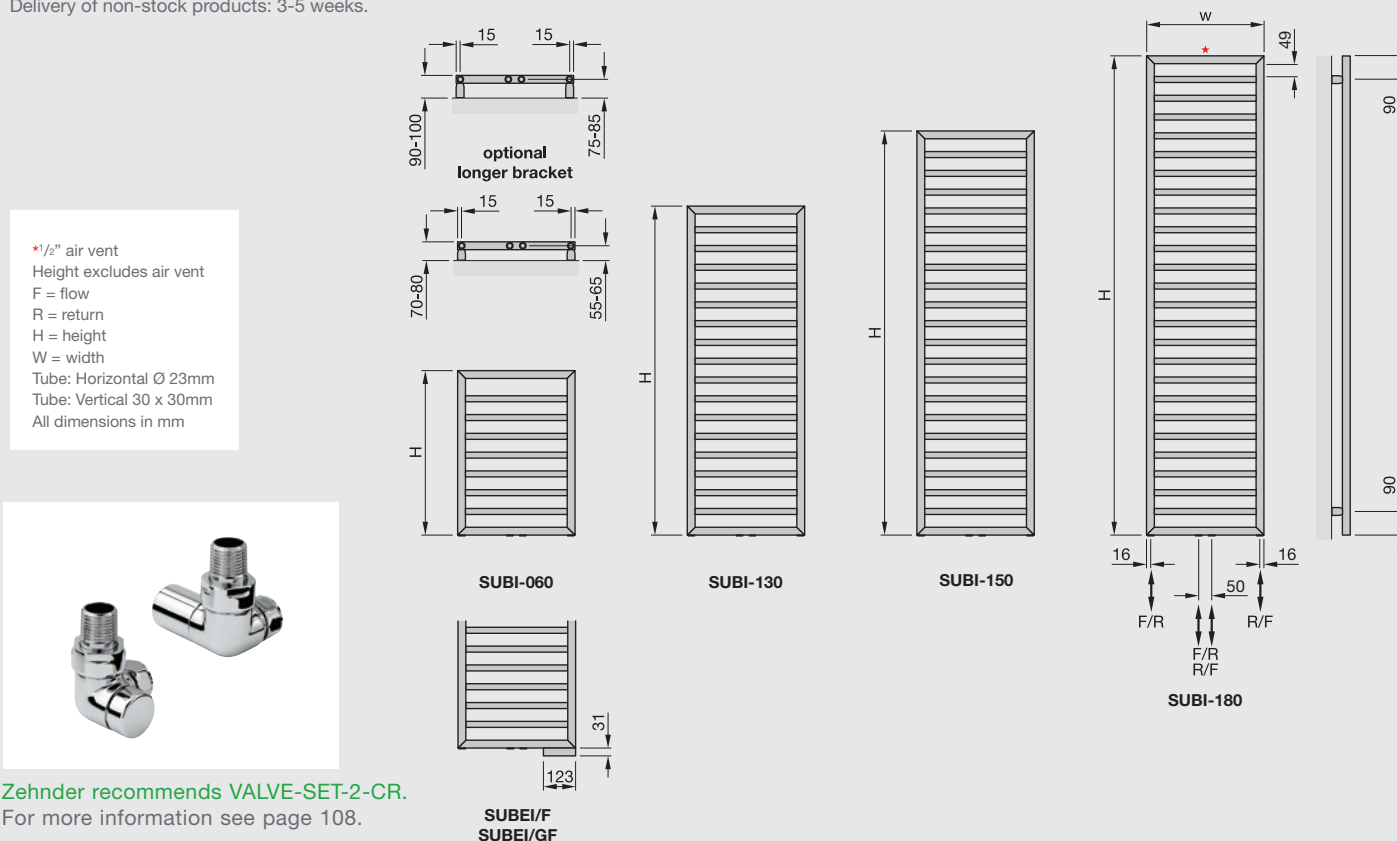
Height mm	Width mm	Finish	Simple electric immersion heater Class II IPX4, Zones 1 bath, Zone 2 shower				Radio Frequency remote programmer Class II IPX4, Zones 1 bath, Zone 2 shower			
			Model	Electric rating	RRP (ex VAT)	RRP (inc 20% VAT)	Model	Electric rating	RRP (ex VAT)	RRP (inc 20% VAT)
 Zehnder Subway Stainless Steel Electric										
1261	450	s/steel	SUBEI-130-045/F	300	£804	£964.80	SUBEI-130-045/GF	300	£1,154	£1,384.80
1549	450	s/steel	SUBEI-150-045/F	300	£944	£1,132.80	SUBEI-150-045/GF	300	£1,361	£1,633.20
1549	600	s/steel	SUBEI-150-060/F	500	£1,044	£1,252.80	SUBEI-150-060/GF	500	£1,529	£1,834.80
1837	600	s/steel	SUBEI-180-060/F	600	£1,163	£1,395.60	SUBEI-180-060/GF	600	£1,673	£2,007.60

Note: Height includes immersion heater (See diagrams below).**Optional wall brackets:** Increases space behind rail by 20mm

Model		RRP (ex VAT)	RRP (inc 20% VAT)
952119	Subway SUB extended bracket kit. Painted finish	£47	£56.40
954119	Subway SUBE extended bracket kit. Painted finish	£47	£56.40

All brackets for stainless steel radiators are supplied with an Inox painted stainless steel finish.

Delivery of non-stock products: 3-5 weeks.



Zehnder recommends VALVE-SET-2-CR.

For more information see page 108.

With its classic lines and broad appeal, the stainless steel **Subway** towel rail offers versatility, comfort and superb design. Ideal for wetrooms and suitable for dual energy installation for year-round comfort.



Simple and Radio Frequency



Electric Option
Radio frequency remote programmer, see page 115.



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Zehnder Vitalo Bar



Stocked Items

In stock items highlighted in black	Height mm	Width mm	Finish	Output $\Delta T=50^{\circ}\text{C}$ Watts/Btu All outputs certified to EN 442	RRP (ex VAT)	RRP (inc 20% VAT)
Zehnder Vitalo Bar						
VIP-125-040	1250	400	white*	465/1587	£599	£718.80
VIP-125-050	1250	500	white*	555/1894	£626	£751.20
VIP-125-060	1250	600	white*	641/2187	£656	£787.20
VIP-160-040	1570	400	white*	546/1863	£706	£847.20
VIP-160-050	1570	500	white*	676/2307	£730	£876.00
VIP-160-060	1570	600	white*	806/2750	£756	£907.20
VIP-190-040	1890	400	white*	673/2296	£733	£879.60
VIP-190-050	1890	500	white*	834/2846	£779	£934.80
VIP-190-060	1890	600	white*	994/3392	£799	£958.80

Electric Heating Model	Height mm	Width mm	Finish	Watts Radio frequency remote programmer IPX4 Zone 1 Bath, Zone 2 Shower, Class II	RRP (ex VAT)	RRP (inc 20% VAT)
Zehnder Vitalo Bar Electric						
VIPE-125-040/GF	1250	400	white*	300	£788	£945.60
VIPE-160-040/GF	1570	400	white*	500	£885	£1,062.00
VIPE-160-050/GF	1570	500	white*	500	£906	£1,087.20
VIPE-190-040/GF	1890	400	white*	500	£898	£1,077.60
VIPE-190-050/GF	1890	500	white*	750	£950	£1,140.00
VIPE-190-060/GF	1890	600	white*	1000	£1,006	£1,207.20

*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.

Suitable for all low temperature systems, heat pumps and condensing boilers, open and closed systems ($<80^{\circ}\text{C}$)

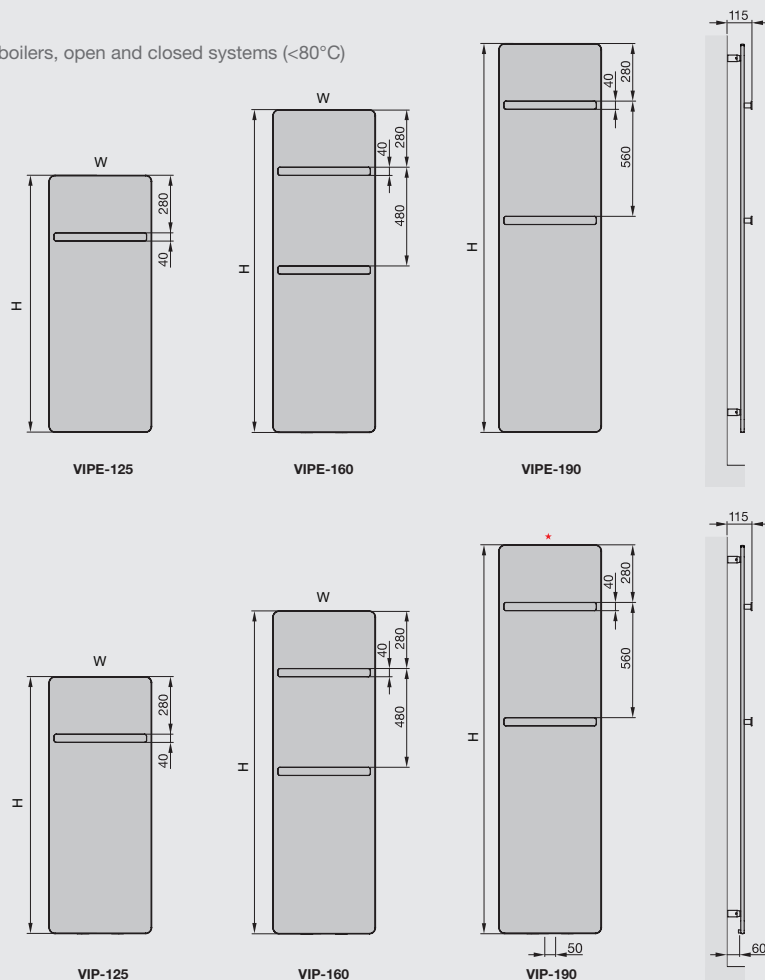


*1/2" air vent
Height excludes air vent
F = flow
R = return
H = height
W = width
All dimensions in mm

The aluminium honeycomb structure, with its meandering copper pipe, is filled with graphite, enabling heat to be distributed throughout the entire front of the radiator quickly and evenly. Suitable for all low temperature systems, heat pumps, condensing boilers, open or closed heating systems.



Zehnder recommends VALVE-SET-11-CR.
For more information see page 108.



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The **Vitalo Bar** has an incredibly slim 16mm profile and is manufactured from corrosion-resistant, high-grade materials.

Designed by renowned designers King & Miranda, the Vitalo Bar is economical and quick to heat up, making it extremely economical.



Vitalo Towel Bar



Electric Option
Radio frequency remote programmer, see page 115.



Zehnder Yucca Asym



Stocked Items

In stock items highlighted 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)	RRP (inc 20% VAT)
Zehnder Yucca Asym Single (Horizontal tubes on left or right)							
YA-090-050	872	478	white*	351/1198	200	£259	£310.80
YA-130-040	1304	378	white*	430/1467	300	£296	£355.20
YA-130-050	1304	478	white*	517/1764	300	£334	£400.80
YA-130-060	1304	578	white*	599/2044	400	£376	£451.20
YA-170-040	1736	378	white*	571/1948	400	£363	£435.60
YA-170-050	1736	478	white*	686/2341	500	£416	£499.20
YA-170-060	1736	578	white*	795/2713	500	£471	£565.20
YAC-090-050	872	478	chrome	254/867	150	£579	£694.80
YAC-130-040	1304	378	chrome	308/1051	200	£699	£838.80
YAC-130-050	1304	478	chrome	371/1266	200	£810	£972.00
YAC-130-060	1304	578	chrome	432/1474	300	£924	£1,108.80
YAC-170-040	1736	378	chrome	408/1392	300	£901	£1,081.20
YAC-170-050	1736	478	chrome	492/1679	300	£1,052	£1,262.40
YAC-170-060	1736	578	chrome	572/1952	300	£1,200	£1,440.00

Zehnder Yucca Asym Double (Not available in chrome. Horizontal tubes on left or right)							
YAD-130-040	1304	378	white*	628/2143	400	£444	£532.80
YAD-130-060	1304	578	white*	893/3047	600	£604	£724.80
YAD-170-040	1736	378	white*	825/2815	500	£557	£668.40
YAD-170-050	1736	478	white*	1002/3419	600	£667	£800.40
YAD-170-060	1736	578	white*	1173/4002	750	£780	£936.00

8 - 10 day lead time.

*White (RAL 9016)

**Dual energy:** Self fit (additional cost to central heating model prices). For more information please see page 114.**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

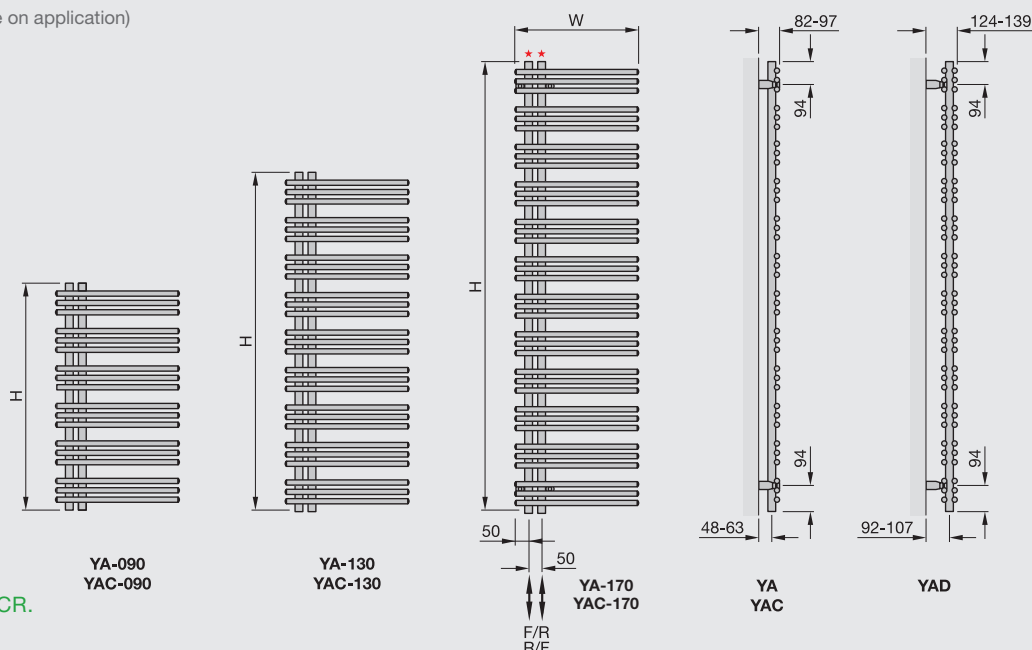
Model		RRP (ex VAT)	RRP (inc 20% VAT)
Room divider bracket (to be ordered with radiator where required)			
936011	white	£102	£122.40
936018	chrome	£144	£172.80
936019 + colour code	colour	£128	£153.60

Special lengths brackets made to order (price on application)

*1/2" air vent
Height excludes air vent
F = flow
R = return
H = height
W = width
Tube: Horizontal Ø 20mm
Tube: Vertical Ø 30mm
All dimensions in mm



Zehnder recommends VALVE-SET-10-CR.
For more information see page 128.



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

The **Yucca Asym** is a beautiful but practical towel rail. Available with single or double tubes in either white or chrome, the Yucca Asym can be installed perpendicular to the wall to create a partition.

Yucca Asym is also available in a variety of colours from the Zehnder colour chart.



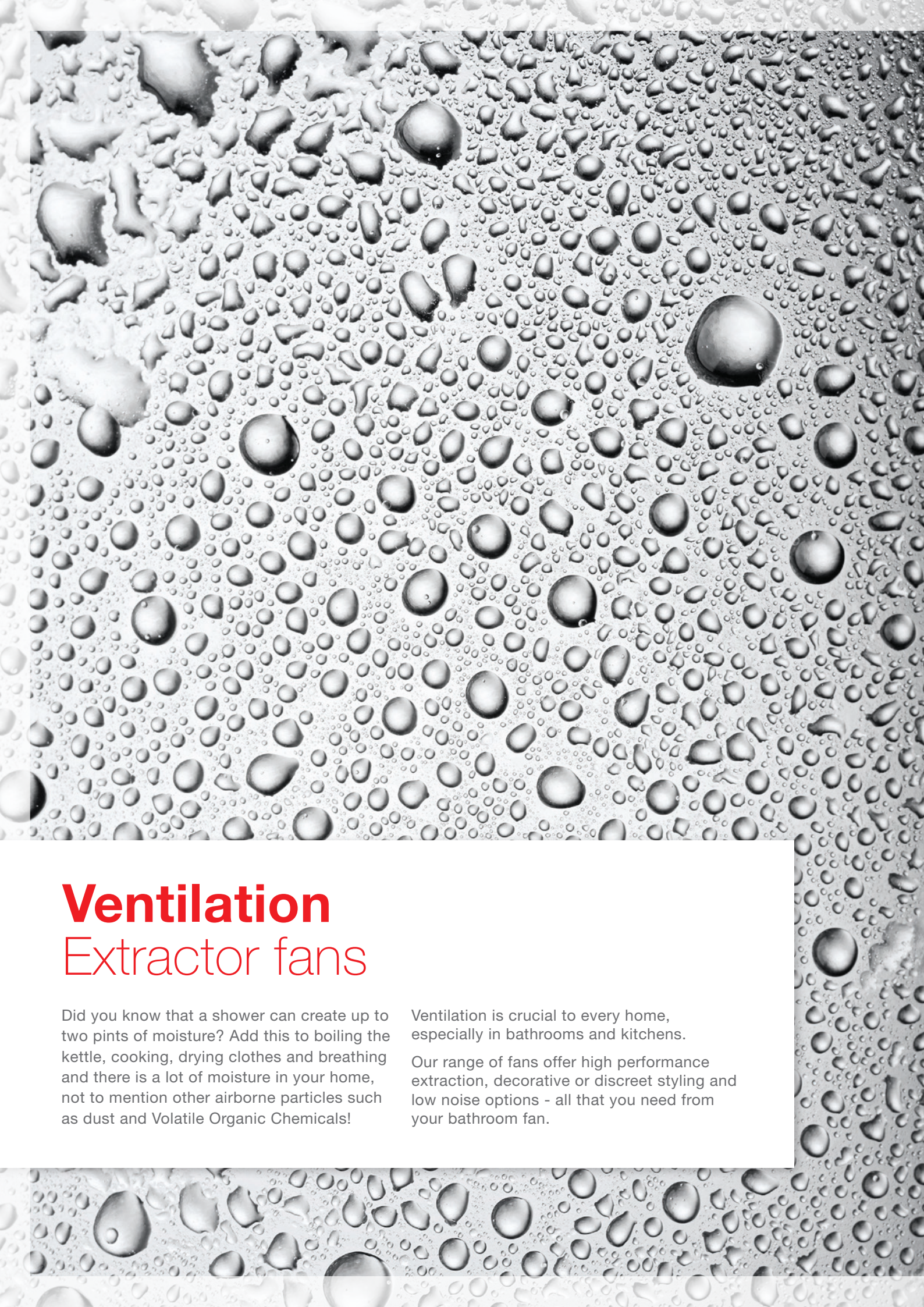
Zehnder Yucca as a room divider



YA-130-040 VOLCANIC 0336



YAC-130-050 CHROME 0008



Ventilation

Extractor fans

Did you know that a shower can create up to two 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 Volatile Organic Chemicals!

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

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

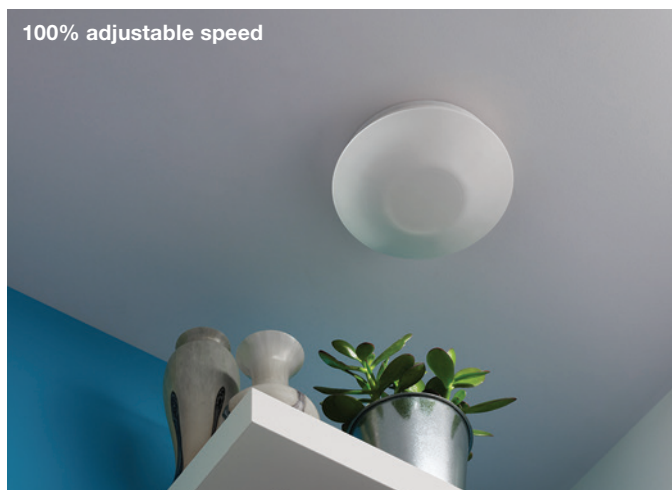
Zehnder Low Energy Continuous Fan Ø100mm



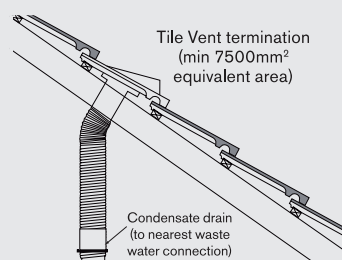
Continuous ventilation ensures a continually fresh environment with a constant low level trickle. The automated boost fan mode will come on if there is a high level of moisture in the room.

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)



ZCV2 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) Min Max		RRP (ex VAT)	RRP (inc 20% VAT)
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	£135.60
					IPX5 Wall	Boost	8	13					
						Maximum	23	23					

Suitable for wall or ceiling mounting with discharge through an external wall, soffit, or the roof. Please see pages 101, 102 and 104 for diagrams. Not for use with more than 3m of ducting.

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



Zehnder Adaptive fan with "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.



Zehnder Adaptive fan with "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.

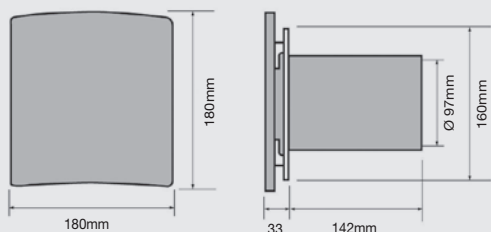
Zehnder

Silent Wall & Ceiling Fans

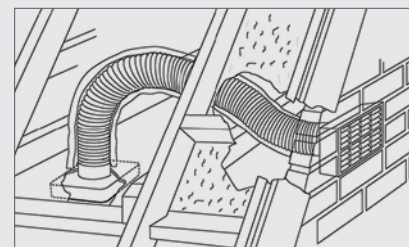


In stock items highlighted in black	Description	Controls	Airflow l/s in FREE AIR (BS848 Pt 1)		Sound pressure level @ 3m dB(A)	Energy consumption (W)	IP Rating	RRP (ex VAT)	RRP (inc 20% VAT)
ZSR100B10A	Silent fan - Basic	Single speed. Operation by light/remote switch	26		26.7	13	IPX4 Zones 1 & 2	£69	£82.80
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	£98.40
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	£129.60

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



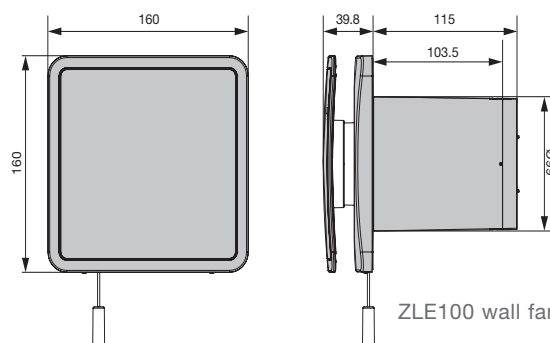
In stock items highlighted in black	Description	Controls	Airflow l/s in FREE AIR (BS848 Pt 1)		Sound pressure level @ 3m dB(A)		Energy consumption (max) (W)		IP Rating	RRP (ex VAT)	RRP (inc 20% VAT)
ZLE100TA	Low Energy Adaptive Fan with SMART Timer	Single speed operation by light/remote switch or via 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	£123.60
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	£183.60

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



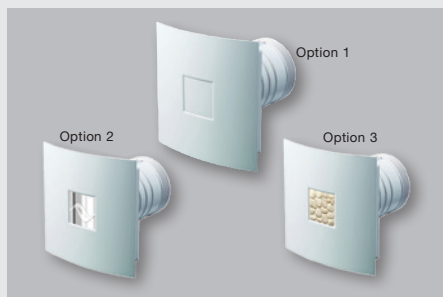
Speed	Room	Installation
1	WC	Through Wall + <3m Ducting
2	Bathroom	<1.5m Ducting
3	WC	Window Kit
4	Bathroom	Through Wall
5	Bathroom	Window Kit
6	Bathroom	<3m Ducting

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.



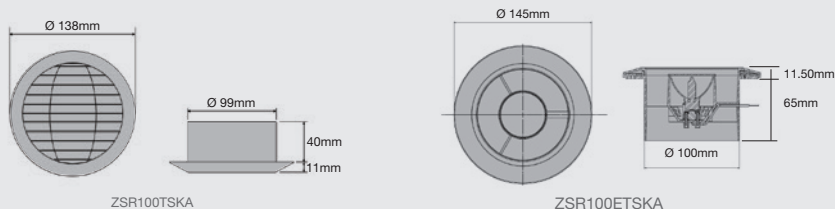
ZLE100

Zehnder Silent Shower Fan Kit

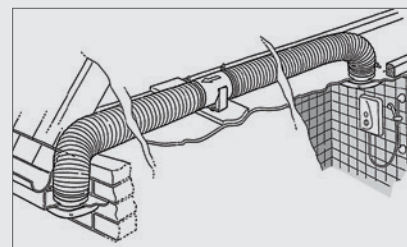
3
YEAR
WARRANTY

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)	RRP (inc 20% 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	£126.00
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	£187.20

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



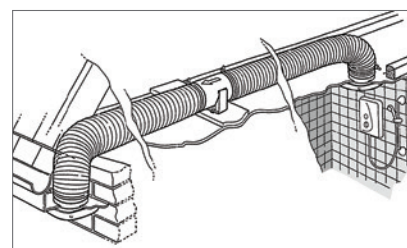
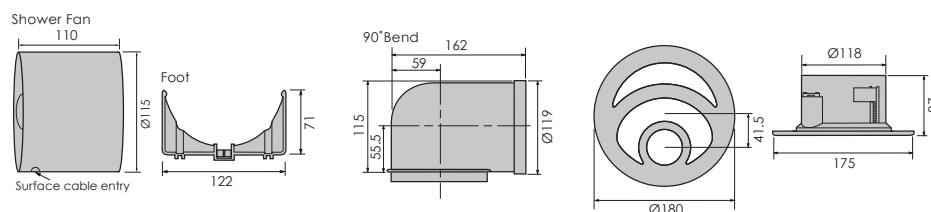
Soffit installation

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)	RRP (inc 20% 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	£153.60

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).

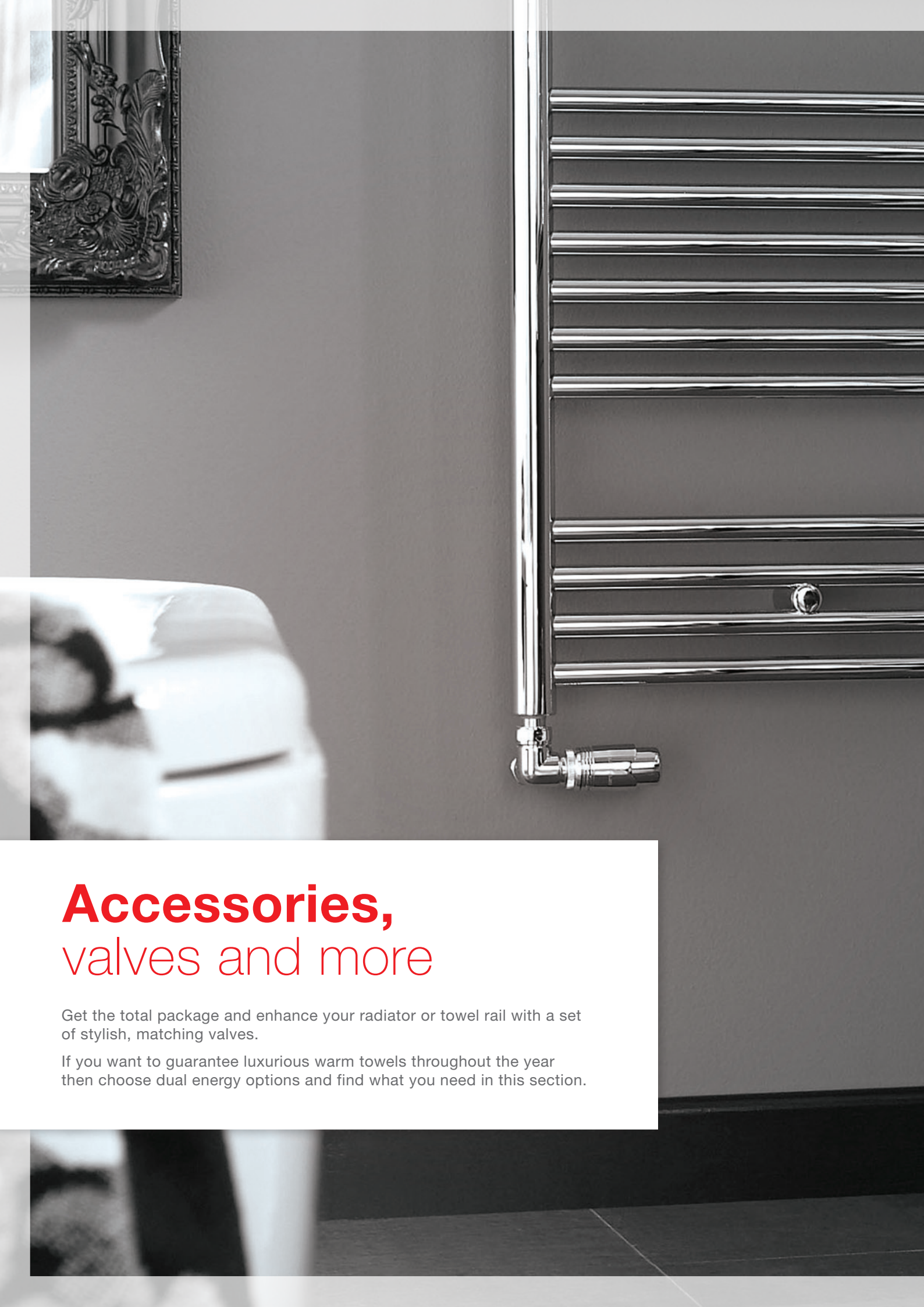


ZSR100ETSKA

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



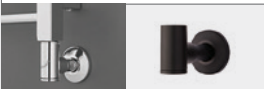
Accessories, valves and more

Get the total package and enhance your radiator or towel rail with a set of stylish, matching valves.

If you want to guarantee luxurious warm towels throughout the year then choose dual energy options and find what you need in this section.

Accessories

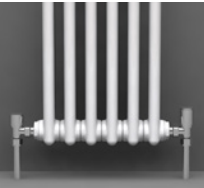
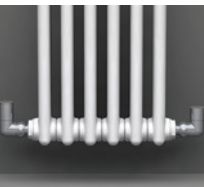
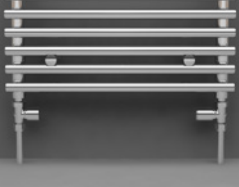
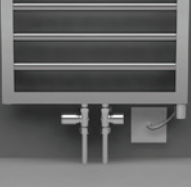
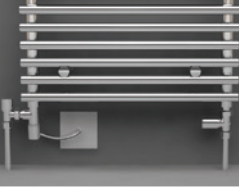
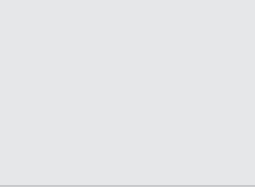
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	Model	Overall length mm	Centres mm	Depth mm	Suitable for	Min. no vertical tubes required	Fixing	RRP (ex VAT)	RRP (inc VAT)
Charleston towel bar									
	966018	366	n/a	45	Charleston Bar can be cut to length	9 max	Non magnetic	£151	£181.20
	966028	918				21 max		£168	£201.60
	CTR-28	Spans 6 elements		79	Charleston Chrome towel rail. Contains full length rail and two brackets	n/a	Non magnetic	£127	£152.40
	CTR-37	Spans 8 elements						£135	£162.00
	CTR-46	Spans 10 elements						£140	£168.00
	CTR-55	Spans 12 elements						£143	£171.60
	CTR-64	Spans 14 elements						£152	£182.40
Metropolitan towel bar (not suitable for MEV models)									
	468038	400	n/a	40	Metropolitan	n/a	Non magnetic	£111	£133.20
	468048	500						£113	£135.60
	468058	600						£117	£140.40
Metropolitan hook - chrome x 2 (not suitable for MEV models)									
	480438	35	n/a	35	Metropolitan	n/a	Non magnetic	£50	£60.00
Lambswool brush									
	601020	n/a	n/a	n/a	Charleston Range	n/a	n/a	£29	£34.80
Pipe and base plate accessory kit x 2 300mm Ø15mm pipe plus 2 cover plates, suitable for most models except those with 50mm pipe centres									
	PIPEKIT-9016	white						£28	£33.60
	PIPEKIT-CR	chrome							
	PIPEKIT-BS	brushed steel							
	PIPEKIT-AG	antique gold							
	PIPEKIT-NN	nickel nero finish							
	PIPEKIT-SC	satin chrome finish							
Optional simple immersion heater cover									
	SHEC-CR	chrome finish						£56	£67.20
	SHEC-MB	matt black finish						£56	£67.20

Valve Sets

Manual Valves

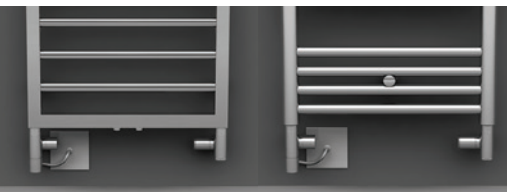
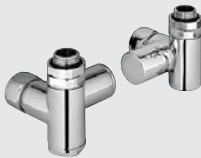
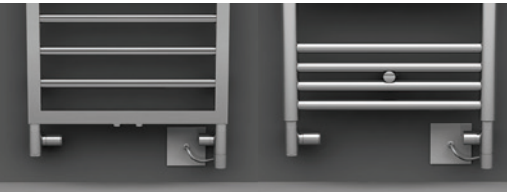
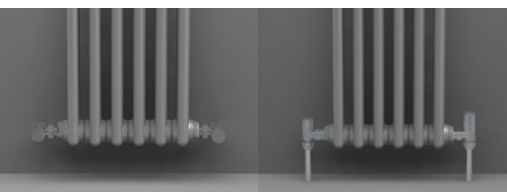
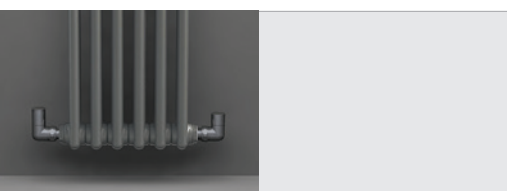
In stock items highlighted in black

VALVE-SET-1 	Manual angled valve set		RRP (exc VAT)	RRP (inc 20% VAT)	Centre of valve to point of connection: 38mm  
	VALVE-SET-1-CR	Chrome	£48	£57.60	
VALVE-SET-2 	Manual double angled valve set		RRP (exc VAT)	RRP (inc 20% VAT)	Centre of valve to point of connection: 37mm  
	VALVE-SET-2-CR	Chrome	£66	£79.20	
VALVE-SET-3 	Manual straight valve set		RRP (exc VAT)	RRP (inc 20% VAT)	 
	VALVE-SET-3-CR	Chrome	£48	£57.60	
VALVE-SET-4 	Manual mixed valve set		RRP (exc VAT)	RRP (inc 20% VAT)	 
	VALVE-SET-4-CR	Chrome	£48	£57.60	
		For use with dual fuel elements. Dual fuel element to be purchased separately			
VALVE-SET-5 	Manual angled square valve set		RRP (exc VAT)	RRP (inc 20% VAT)	Centre of valve to point of connection: 48mm  
	VALVE-SET-5-BS	Brushed Steel	£243	£291.60	
	VALVE-SET-5-CR	Chrome	£233	£279.60	
	VALVE-SET-5-MB	Matt Black	£209	£250.80	
VALVE-SET-6 	Manual double angled square valve set		RRP (exc VAT)	RRP (inc 20% VAT)	Centre of valve to point of connection: 48mm  
	VALVE-SET-6-BS	Brushed Steel	£248	£297.60	
	VALVE-SET-6-CR	Chrome	£238	£285.60	

Manual Valves

In stock items highlighted in black

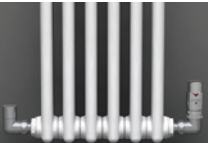
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VALVE-SET-8 	Manual angled traditional valve set		RRP (exc VAT)	RRP (inc 20% VAT)	Centre of valve to point of connection: 37mm 
	VALVE-SET-8-CR	Chrome	£121	£145.20	
	VALVE-SET-8-AG	Antique Gold	£167	£200.40	
	VALVE-SET-8-BR	Polished Brass	£167	£200.40	
	VALVE-SET-8-NP	Polished Nickel	£167	£200.40	
	VALVE-SET-8-BA	Antique Bronze	£167	£200.40	
VALVE-SET-18 	Manual dual fuel angled valve set right-handed		RRP (exc VAT)	RRP (inc 20% VAT)	
	VALVE-SET-18-CR	Chrome	£146	£175.20	
	Dual fuel element to be purchased separately				
VALVE-SET-19 	Manual dual fuel angled valve set left-handed		RRP (exc VAT)	RRP (inc 20% VAT)	
	VALVE-SET-19-CR	Chrome	£146	£175.20	
	Dual fuel element to be purchased separately				
VALVE-SET-26 	Manual straight valve set		RRP (exc VAT)	RRP (inc 20% VAT)	
	VALVE-SET-26-WH	White	£113	£135.60	
	VALVE-SET-26-CR	Chrome	£121	£145.20	
	VALVE-SET-26-MB	Matt Black	£119	£142.80	
	VALVE-SET-26-VO	Volcanic	£119	£142.80	
	VALVE-SET-26-NN	Nickel Nero	£146	£175.20	
VALVE-SET-27 	Manual angled valve set		RRP (exc VAT)	RRP (inc 20% VAT)	Centre of valve to point of connection: 44mm 
	VALVE-SET-27-WH	White	£113	£135.60	
	VALVE-SET-27-CR	Chrome	£121	£145.20	
	VALVE-SET-27-MB	Matt Black	£119	£142.80	
	VALVE-SET-27-VO	Volcanic	£119	£142.80	
	VALVE-SET-27-SC	Satin Chrome	£144	£172.80	
	VALVE-SET-27-NN	Nickel Nero	£146	£175.20	
	VALVE-SET-27-BR	Brass	£167	£200.40	
VALVE-SET-28 	Manual double angled valve set		RRP (exc VAT)	RRP (inc 20% VAT)	Centre of valve to point of connection: 44mm 
	VALVE-SET-28-CR	Chrome	£155	£186.00	
	VALVE-SET-28-MB	Matt Black	£147	£176.40	
	VALVE-SET-28-VO	Volcanic	£147	£176.40	
	VALVE-SET-28-BR	Brass	£250	£300.00	
	VALVE-SET-28-SC	Satin Chrome	£171	£205.20	
VALVE-SET-32 	Manual mixed valve set		RRP (exc VAT)	RRP (inc 20% VAT)	
	VALVE-SET-32-CR	Chrome	£121	£145.20	
	Dual fuel element to be purchased separately				

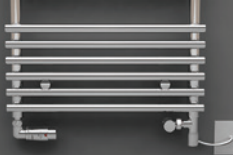
ACCESSORIES, VALVES AND MORE

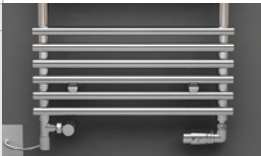
Thermostatic Valves

In stock items highlighted in black

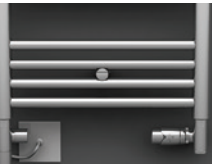
	Thermostatic double angled valve set left-handed		RRP (exc VAT)	RRP (inc 20% VAT)	Centre of valve to point of connection: 44mm  
	VALVE-SET-10-CR	Chrome	£208	£249.60	
	VALVE-SET-10-BR	Brass	£286	£343.20	
	VALVE-SET-10-SC	Satin Chrome	£227	£272.40	
	VALVE-SET-10-CO	Copper	£286	£343.20	
	VALVE-SET-10-NN	Nickel Nero	£238	£285.60	

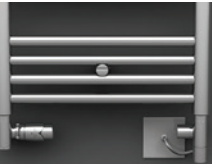
	Thermostatic double angled valve set right-handed		RRP (exc VAT)	RRP (inc 20% VAT)	Centre of valve to point of connection: 44mm  
	VALVE-SET-11-CR	Chrome	£208	£249.60	
	VALVE-SET-11-BR	Brass	£286	£343.20	
	VALVE-SET-11-SC	Satin Chrome	£227	£272.40	
	VALVE-SET-11-CO	Copper	£286	£343.20	
	VALVE-SET-11-NN	Nickel Nero	£238	£285.60	

	Thermostatic double angled mixed valve set left-handed		RRP (exc VAT)	RRP (inc 20% VAT)	
	VALVE-SET-14-CR	Chrome	£170	£204.00	

	Thermostatic double angled mixed valve set right-handed		RRP (exc VAT)	RRP (inc 20% VAT)	
	VALVE-SET-15-CR	Chrome	£170	£204.00	

	Thermostatic angled antique valve set		RRP (exc VAT)	RRP (inc 20% VAT)	Centre of valve to point of connection: 44mm 
	VALVE-SET-17-VO	Volcanic	£164	£196.80	
	VALVE-SET-17-BR	Brass	£176	£211.20	

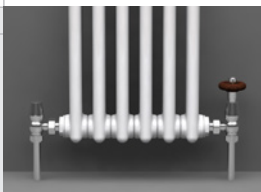
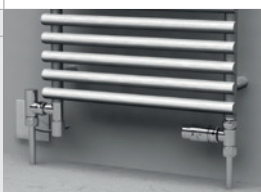
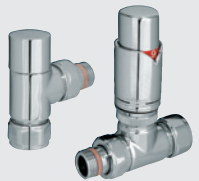
	Thermostatic dual fuel angled valve set right-handed		RRP (exc VAT)	RRP (inc 20% VAT)	 
	VALVE-SET-20-CR	Chrome	£202	£242.40	
Dual fuel element to be purchased separately					

	Thermostatic dual fuel angled valve set left-handed		RRP (exc VAT)	RRP (inc 20% VAT)	 
	VALVE-SET-21-CR	Chrome	£202	£242.40	
Dual fuel element to be purchased separately					

Thermostatic Valves

In stock items highlighted in black

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

VALVE-SET-29	Thermostatic angled Aston valve set		RRP (exc VAT)	RRP (inc 20% VAT)	
	VALVE-SET-29-CR	Chrome	£218	£261.60	
VALVE-SET-33	Thermostatic dual fuel valve set		RRP (exc VAT)	RRP (inc 20% VAT)	
	VALVE-SET-33-CR	Chrome	£165	£198.00	
	Dual fuel element to be purchased separately				
VALVE-SET-36	Thermostatic straight valve set		RRP (exc VAT)	RRP (inc 20% VAT)	
	VALVE-SET-36-CR	Chrome	£165	£198.00	
	VALVE-SET-36-BR	Brass	£226	£271.20	
	VALVE-SET-36-SC	Satin Chrome	£180	£216.00	
	VALVE-SET-36-CO	Copper	£226	£271.20	
	VALVE-SET-36-NN	Nickel Nero	£198	£237.60	
VALVE-SET-37	Thermostatic angled valve set		RRP (exc VAT)	RRP (inc 20% VAT)	Centre of valve to point of connection: 40mm
	VALVE-SET-37-CR	Chrome	£165	£198.00	
	VALVE-SET-37-BR	Brass	£226	£271.20	
	VALVE-SET-37-SC	Satin Chrome	£180	£216.00	
	VALVE-SET-37-CO	Copper	£226	£271.20	
	VALVE-SET-37-NN	Nickel Nero	£198	£237.60	

ACCESSORIES, VALVES AND MORE

Speciality Valves pipe work from the wall

Central heating & DE			TRV Head	
			white	chrome
			819080	819088
			£23	£25
			Nut and olive. Set of 2.	
with short cover plate (adds 182mm to height of radiator)			1016863	
white	chrome	colour	£13	
976031	976038	976039		
£217	£302	£271		

These valves are suitable for the Yucca radiator on both central heating and dual energy installations

A TRV head, nut and olive set are also required

DE Pack also needs to be ordered separately

All prices shown are ex vat

Manual Valves

Pipework from the floor						Pipework from the wall							
	1	3	8	26	27	Valve Set	1	2	5	6	8	27	28
		✓		✓		Ax	✓	✓	✓	✓		✓	✓
		✓		✓		Ax Spa	✓	✓	✓	✓		✓	✓
	✓		✓		✓	Aluminium Blitz Super	✓	✓	✓	✓	✓	✓	✓
	✓		✓		✓	Aluminium Lyta-T (vertical)	✓	✓	✓	✓	✓	✓	✓
	✓		✓		✓	Charleston	✓	✓			✓	✓	✓
		✓		✓		Charleston Bar	✓	✓				✓	✓
	✓		✓		✓	Excelsior	✓	✓			✓	✓	✓
		✓		✓		Klaro	✓	✓			✓	✓	✓
		✓		✓		Kleo	✓	✓			✓	✓*	✓*
		✓		✓		Metropolitan	✓	✓	✓	✓		✓	✓
		✓		✓		Metropolitan Spa	✓	✓	✓	✓		✓	✓
		✓		✓		Nobis	✓	✓				✓	✓
		✓		✓		Quaro Spa	✓	✓	✓	✓		✓	✓
		✓		✓		Ribbon	✓	✓	✓	✓		✓	✓
		✓		✓		Roda	✓	✓			✓	✓*	✓*
		✓		✓		Roda Mirror	✓	✓			✓	✓	✓
		✓		✓		Roda Spa	✓	✓			✓	✓	✓
		✓		✓		Roda Spa Asym	✓	✓				✓	✓
		✓		✓		Sfera Bow	✓	✓			✓	✓	✓
		✓		✓		Stellar Spa	✓	✓	✓	✓	✓	✓	✓
		✓		✓		Subway	✓	✓	✓	✓		✓	✓
		✓		✓		Vitalo Bar	✓	✓	✓	✓		✓	✓
	✓	✓				Yucca Asym	✓	✓				✓	✓
	1	3	8	26	27	Valve Set	1	2	5	6	8	27	28

* Double panel or single panel with fins only.

Manual Valves Dual Energy Installations

Pipework from the floor					Pipework from the wall							
	3	4	26	32	Valve Set	1	2	5	18	19	27	28
		✓		✓	Ax Spa	✓			✓	✓	✓	
		✓		✓	Klaro	✓			✓	✓	✓	
	✓	✓	✓	✓	Metropolitan Spa (METM)	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	Quaro Spa	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	Ribbon	✓	✓	✓	✓	✓	✓	✓
		✓		✓	Roda Spa	✓			✓	✓	✓	
		✓		✓	Roda Spa Asym	✓			✓	✓	✓	
		✓		✓	Sfera Bow	✓				✓	✓	
		✓		✓	Stellar Spa	✓		✓	✓	✓	✓	
	✓	✓	✓	✓	Subway	✓	✓	✓	✓	✓	✓	✓
		✓		✓	Yucca Asym	✓			✓	✓	✓	
	3	4	26	32	Valve Set	1	2	5	18	19	27	28

Thermostatic Valves

Pipework from the floor					Pipework from the wall		
	17	29	36	37	Valve Set	10	11
			✓		Ax	✓	✓*
			✓		Ax Spa	✓	✓
	✓	✓		✓	Aluminium Blitz Super	✓	✓
	✓	✓		✓	Aluminium Lyta-T (vertical)	✓	✓
	✓	✓		✓	Charleston	✓	✓
			✓		Charleston Bar	✓	✓
	✓	✓		✓	Excelsior		✓
			✓		Klaro	✓	✓
			✓		Kleo	✓*	✓* *
			✓		Metropolitan	✓	✓
			✓		Metropolitan Spa	✓	✓
			✓		Nobis	✓	✓
			✓		Quaro Spa	✓	✓
			✓		Ribbon	✓	✓
			✓		Roda	✓*	✓* *
			✓		Roda Mirror	✓	✓
			✓		Roda Spa	✓	✓
			✓		Roda Spa Asym	✓	✓
			✓		Sfera Bow	✓	
			✓		Stellar Spa	✓	✓
			✓		Subway	✓	✓
			✓		Vitalo Bar	✓	✓
			✓		Yucca Asym	✓	✓
	17	29	36	37	Valve Set	10	11

* Double panel or single panel with fins only. * Vertical models only.

Thermostatic Valves Dual Energy Installations

Pipework from the floor			Pipework from the wall						
	33	36	Valve Set	10	11	14	15	20	21
	✓		Ax Spa			✓	✓	✓	
	✓		Klaro			✓	✓	✓	✓
	✓	✓	Metropolitan Spa (METM)	✓	✓	✓	✓	✓	✓
	✓	✓	Quaro Spa	✓	✓	✓	✓	✓	✓
	✓	✓	Ribbon	✓	✓	✓	✓	✓	✓
	✓		Roda Spa			✓	✓	✓	✓
	✓		Roda Spa Asym ROFR			✓			✓
	✓		Roda Spa Asym ROFL				✓	✓	
	✓		Sfera Bow			✓			✓
	✓		Stellar Spa			✓	✓	✓	✓
	✓	✓	Subway	✓	✓	✓	✓	✓	✓
	✓		Yucca Asym			✓	✓	✓	✓
	33	36	Valve Set	10	11	14	15	20	21

The thermostatic valves are not bi-directional and must be installed on the flow connection position.

Suitability based on standard connections featured in the brochure.

Dual Energy and Electric Elements

Zehnder's range of electric radiators, with their factory-fitted electric elements, give economical and efficient heating wherever required.

Dual energy towel drying radiators continue to offer warmth and comfort throughout the home during summer months when the central heating system is not in use.

To switch heating operations:

For summer use:

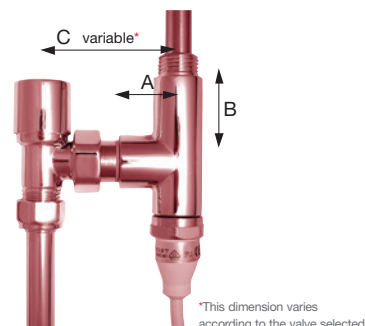
- Switch off the central heating
- Vent the radiator to ensure there isn't any air present
- Close the flow valve (only)
- Activate the immersion heater as required

For winter use:

- De-activate the immersion heater
- Open the flow valve

The immersion heater should be fitted on the return side of the radiator

Simultaneous use of the electrical element and the central heating should be avoided as this will shorten the life of the element and invalidate the warranty.



*This dimension varies according to the valve selected

Dimensions (mm)		
A	B	C
DBM short t-piece with Chromax valve		
22	17	65
DE-Pack short t-piece with Chromax valve		
22	17	65

We recommend that all electrical work be undertaken in accordance with current I.E.E wiring regulations. If in doubt of zoning requirements, we recommend that a 30mA R.C.D is installed.

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

DE Pack (Class I IPX5 - Zone 1 and 2)

Electrical element and chromium plated t-piece for element and radiator valve connection (no controls).



DBM Pack (Class II IPX4 - Zone 1 and 2)

Manual and programmable operations, 2 temperature settings, 2 hour programmable timer. Equipped with a thermal fuse. Chromium plated t-piece included with dual energy version.



CTE Element

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



Zehnder dual energy heating options

Model	DE pack	DBM	CTE element	Radio frequency controller
Ax Spa	✓	✓	✓	
Klaro	✓	✓	✓	
Metropolitan Spa				✓
Quaro Spa	✓	✓	✓	✓
Ribbon	✓	✓	✓	
Roda Spa	✓	✓	✓	
Roda Spa Asymmetrical	✓	✓	✓	
Sfera Bow	✓	✓	✓	
Stellar Spa	✓	✓	✓	
Subway	✓	✓	✓	
Yucca Asym	✓	✓*	✓	

✓ Self fit ✓ Factory fitted dual energy immersion heater

* DBM not suitable for use with the Yucca Valve

Model	Watts	Length (mm)	RRP (ex VAT)	RRP (inc VAT)
DE Pack 100	100	300	£125	£150.00
DE Pack 150	150	300		
DE Pack 200	200	340		
DE Pack 250	250	380		
DE Pack 300	300	400		
DE Pack 400	400	500		
DE Pack 500	500	580		
DE Pack 600	600	650		
DE Pack 700	700	750		
DE Pack 900	900	910		

Model	Watts	Finish	RRP (ex VAT)	RRP (inc VAT)
857531	150	white	£195	£234.00
857541	200			
857211	300			
857251	500			
857221	600			
857261	750			
857231	900			
857288	150	chrome	£195	£234.00
857278	200			
857218	300			
857258	500			
857228	600			
857268	750			
857238	900			

Model	Watts	Finish	RRP (ex VAT)	RRP (inc VAT)
CTEW-120-DF	120	white White T-piece included	£165	£198.00
CTEW-200-DF	200			
CTEW-300-DF	300			
CTEW-400-DF	400			
CTEW-600-DF	600			
CTEC-120-DF	120	chrome Chrome T-piece included	£165	£198.00
CTEC-200-DF	200			
CTEC-300-DF	300			
CTEC-400-DF	400			
CTEC-600-DF	600			

Zehnder electric energy factory-fitted elements

Model	Non-programmable	Programmable*		Programmable with infra red controls
		LCD controller	DBM	
	Simple immersion			Radio frequency**
Alura		✓		
Ax Spa				✓
Charleston				✓
Fare Tech		✓		
Klaro	✓		✓	
Metropolitan Spa				✓
Quaro Spa				✓
Ribbon				✓
Roda				✓
Roda Spa				✓
Vitalo Bar				✓

* Programmable to varying levels of functionality.

** The shape of the Radio frequency controller immersion unit differs according to the radiator.

Factory fitted options

	Alura 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.
	Fare Tech 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.
	Radio frequency controller User-friendly remote control device allows simple operation. Increased safety due to parental control. High energy efficiency due to compliance with the European Ecodesign Directive saves energy costs. Maximum surface temperature of 65°C ensures increased safety (chrome-plated version). Flexible control options: remote control device for wall mounting or base. Comfortable operation as needed due to customisable daily and weekly programmes. Low energy consumption of only 0.5 W in stand-by mode for increased energy efficiency. Comfort on demand due to adjustable boost heating.

Factory-fitted/self-fit options

	DBM (Class II IPX4 - Zone 1 bath and Zone 2 shower) Manual and programmable operations, 2 temperature settings, 2 hour programmable timer. Equipped with a thermal fuse. Chromium plated t-piece included with dual energy version.
	DE Pack (Class I IPX5 - Zone 1 bath and Zone 2 shower) Electric element without controls. Chromium plated t-piece included with dual energy version.
	Optional Zehnder immersion heater element and cable cover (only suitable for DE-PACK). Chrome finish: SHEC-CR. Matt Black: SHEC-MB



Technical specifications

All radiators are CE marked and independently tested to EN442. We pride ourselves on the high performance of our products.

All information is available for you to effectively size your heating requirements in this section.



Zehnder Ax Spa (page 20)

Model code	Height mm	Width mm	Finish	Overall Projection mm	Pipe Centres mm radiator from wall		Outputs ΔT=50K Watts Btu		Outputs ΔT=30K Watts Btu		n Exponent	Weight kg	Water Content litres	Max. Immersion Rating
Single tube														
ZA-048-040	484	400	white/colour	97 to 112	350	70 to 85	230	785	119	403	1.31	4.5	2.2	n/a
ZA-060-080	575	800	white/colour	97 to 112	750	70 to 85	458	1563	235	802	1.31	10.2	2.1	300
ZA-060-090	575	900	white/colour	97 to 112	850	70 to 85	515	1757	264	901	1.31	11.3	2.2	300
ZA-060-100	575	1000	white/colour	97 to 112	950	70 to 85	573	1955	293	1000	1.31	12.4	2.4	300
ZA-060-120	575	1200	white/colour	97 to 112	1150	70 to 85	687	2344	352	1202	1.31	14.5	2.6	500
ZA-080-050	836	500	white/colour	97 to 112	450	70 to 85	427	1457	225	768	1.25	8.6	2.4	300
ZA-120-050	1188	500	white/colour	97 to 112	450	70 to 85	586	1999	311	1061	1.24	12.0	3.3	300
ZA-120-060	1188	600	white/colour	97 to 112	550	70 to 85	685	2337	364	1242	1.24	13.7	3.5	500
ZA-150-040	1540	400	white/colour	97 to 112	350	70 to 85	614	2095	326	1112	1.24	12.3	4.0	400
ZA-150-050	1540	500	white/colour	97 to 112	450	70 to 85	738	2518	392	1338	1.23	14.4	4.3	500
ZA-180-050	1804	500	white/colour	97 to 112	450	70 to 85	884	3016	472	1610	1.25	18.6	5.1	600
ZAC-080-050	836	500	chrome	97 to 112	450	70 to 85	300	1024	158	539	1.24	8.6	2.4	200
ZAC-120-050	1188	500	chrome	97 to 112	450	70 to 85	410	1399	218	744	1.24	12.0	3.3	300
ZAC-120-060	1188	600	chrome	97 to 112	550	70 to 85	480	1638	255	870	1.24	13.7	3.5	250
ZAC-150-040	1540	400	chrome	97 to 112	350	70 to 85	430	1467	228	778	1.24	12.3	4.0	300
ZAC-150-050	1540	500	chrome	97 to 112	450	70 to 85	520	1774	276	942	1.23	14.4	4.3	300
ZAC-180-050	1804	500	chrome	97 to 112	450	70 to 85	620	2115	331	1129	1.23	18.6	5.1	400
Double tube														
ZAD-150-050	1540	500	white/colour	97 to 112	450	70 to 85	1049	3579	548	1870	1.27	25.3	5.4	n/a
ZAD-180-050	1804	500	white/colour	97 to 112	450	70 to 85	1262	4306	653	2228	1.29	30.5	6.5	n/a
ZAD-180-060	1804	600	white/colour	97 to 112	550	70 to 85	1485	5067	772	2634	1.28	35.6	7.1	n/a

Max. Working Pressure: 4 bar Max. Working Temperature: 110°C Test House: CETIAT Test House No: 1623

Zehnder Ax (page 24)

Made to Measure Options												
Model code	Height mm	Finish	Overall Projection mm	Pipe Centres mm radiator from wall		Outputs ΔT=50K Watts Btu		Outputs ΔT=30K Watts Btu		n Exponent	Weight kg	Water Content litres
Zehnder Ax ZAV single, data per vertical tube												
ZAV-060	600	white/colour	76	length minus 49	49	33	113	17	58	1.28	0.6	0.14
ZAV-080	800	white/colour	76	length minus 49	49	42	143	22	75	1.29	0.8	0.16
ZAV-100	1000	white/colour	76	length minus 49	49	51	174	27	92	1.29	1.0	0.96
ZAV-120	1200	white/colour	76	length minus 49	49	60	205	31	106	1.30	1.1	1.12
ZAV-140	1400	white/colour	76	length minus 49	49	70	239	36	123	1.30	1.3	1.29
ZAV-160	1600	white/colour	76	length minus 49	49	79	270	40	137	1.31	1.5	1.45
ZAV-180	1800	white/colour	76	length minus 49	49	88	300	45	154	1.31	1.2	1.61
ZAV-200	2000	white/colour	76	length minus 49	49	98	334	50	171	1.32	1.8	1.78
ZAV-220	2200	white/colour	76	length minus 49	49	107	365	55	188	1.32	2.0	1.94
Zehnder Ax ZAVD double, data per vertical tube												
ZAVD-060	600	white/colour	87	length minus 49	61	51	174	26	89	1.30	1.1	1.12
ZAVD-080	800	white/colour	87	length minus 49	61	66	225	34	116	1.30	1.5	1.45
ZAVD-100	1000	white/colour	87	length minus 49	61	80	273	41	140	1.30	1.8	1.78
ZAVD-120	1200	white/colour	87	length minus 49	61	94	321	48	164	1.31	2.1	2.11
ZAVD-140	1400	white/colour	87	length minus 49	61	108	369	55	188	1.31	2.4	2.43
ZAVD-160	1600	white/colour	87	length minus 49	61	122	416	62	212	1.31	2.8	2.76
ZAVD-180	1800	white/colour	87	length minus 49	61	136	464	70	239	1.31	3.1	3.09
ZAVD-200	2000	white/colour	87	length minus 49	61	150	512	77	263	1.32	3.4	3.42
ZAVD-220	2200	white/colour	87	length minus 49	61	164	560	84	287	1.317	3.8	3.75

To calculate the number of tubes required, allow 44mm per tube

Max. Working Pressure: 4 bar Max. Working Temperature: 110°C Test House: CETIAT Test House No: 1623

Made to Measure Options												
Model code	Height mm	Finish	Overall Projection mm	Pipe Centres mm radiator from wall		Outputs ΔT=50K Watts Btu		Outputs ΔT=30K Watts Btu		n Exponent	Weight kg	Water Content litres
Zehnder Ax ZAH single, data per linear metre												
ZAH-026	264	white/colour	76	length minus 50	49	308	1051	157	536	1.32	6.10	1.22
ZAH-035	352	white/colour	76	length minus 50	49	414	1413	211	720	1.32	8.00	1.62
ZAH-044	440	white/colour	76	length minus 50	49	520	1774	266	908	1.31	10.00	2.03
ZAH-053	528	white/colour	76	length minus 50	49	625	2133	320	1092	1.31	11.90	2.44
ZAH-062	616	white/colour	76	length minus 50	49	730	2491	374	1276	1.31	13.80	2.84
Zehnder Ax ZAHD double, data per linear metre												
ZAHD-026	264	white/colour	87	length minus 50	61	529	1805	273	931	1.30	11.00	1.79
ZAHD-035	352	white/colour	87	length minus 50	61	680	2320	350	1194	1.30	14.60	2.39
ZAHD-044	440	white/colour	87	length minus 50	61	825	2815	425	1450	1.30	18.10	2.99
ZAHD-053	528	white/colour	87	length minus 50	61	966	3296	498	1699	1.30	21.70	3.59
ZAHD-062	616	white/colour	87	length minus 50	61	1105	3770	570	1945	1.30	25.30	4.19

Max. Working Pressure: 4 bar Max. Working Temperature: 110°C Test House: CETIAT Test House No: 1623

Zehnder Aluminium Blitz Super (page 26)

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			
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	3354	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 Max. Working Temperature: 120°C Test House: Laboratorio Misure Ricerche Termotecniche Test House No: 1695

Zehnder Aluminium Lyta-T (page 28)

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			
LYTV-Z-097-032	966	320	white*	127	344 plus valves	82	728	2484	362	1234	1.37	7.8	1.7
LYTV-Z-097-048	966	480	white*	127	504 plus valves	82	1092	3726	542	1851	1.37	11.8	2.6
LYTV-Z-147-032	1466	320	white*	127	344 plus valves	82	1000	3412	499	1703	1.39	11.2	2.5
LYTV-Z-147-048	1466	480	white*	127	504 plus valves	82	1500	5118	749	2555	1.39	16.8	3.7
LYTV-Z-187-024	1866	240	white*	127	264 plus valves	82	900	3071	442	1510	1.39	10.2	2.3
LYTV-Z-187-032	1866	320	white*	127	344 plus valves	82	1200	4094	590	2013	1.39	13.6	3.1
LYTV-Z-187-040	1866	400	white*	127	424 plus valves	82	1500	5118	737	2516	1.39	17.0	3.9
LYTV-Z-187-048	1866	480	white*	127	504 plus valves	82	1800	6142	885	3019	1.39	20.4	4.7

*white (RAL 9010)

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

Zehnder Charleston Bar (page 38)

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			
CPV2075-6	742	302	white/colour	134	50	59	330	1125	174	593	1.25	7.43	4.2
CPV2090-10	892	486	white/colour	134	50	59	639	2179	337	1149	1.25	13.45	8.0
CPV2120-10	1192	486	white/colour	134	50	59	827	2820	435	1483	1.26	17.38	11.0
CPV2150-10	1492	486	white/colour	134	50	59	1040	3546	541	1844	1.28	21.32	13.0
CPV2150-12	1492	578	white/colour	134	50	59	1248	4256	649	2213	1.28	25.31	15.6
CPV2150-14	1492	670	white/colour	134	50	59	1456	4965	757	2582	1.28	29.49	18.2
CPV2150-16	1492	762	white/colour	134	50	59	1664	5674	865	2951	1.28	33.48	20.8
CPV2180-10	1792	486	white/colour	134	50	59	1240	4228	635	2165	1.31	25.25	15.0
CPV2180-12	1792	578	white/colour	134	50	59	1488	5074	762	2598	1.31	30.03	18.0
CPV2180-14	1792	670	white/colour	134	50	59	1736	5920	889	3032	1.31	34.99	21.0
CPV2180-16	1792	762	white/colour	134	50	59	1984	6765	1016	3465	1.31	39.77	24.0
CPV3150-10	1500	486	white/colour	172	50	78	1400	4774	717	2445	1.31	31.24	20.0
CPV3150-12	1500	578	white/colour	172	50	78	1680	5729	860	2934	1.31	37.22	24.0
CPV3150-14	1500	670	white/colour	172	50	78	1960	6684	1004	3423	1.31	43.38	28.0
CPV3150-16	1500	762	white/colour	172	50	78	2240	7638	1147	3912	1.31	49.35	32.0
CPV3180-10	1800	486	white/colour	172	50	78	1660	3956	588	2005	1.33	37.12	24.0
CPV3180-12	1800	578	white/colour	172	50	78	1992	6793	1010	3443	1.33	44.27	28.8
CPV3180-14	1800	670	white/colour	172	50	78	2324	7925	1178	4017	1.33	51.61	33.6
CPV3180-16	1800	762	white/colour	172	50	78	2656	9057	1346	4591	1.33	58.76	38.4

*Nominal overall radiator Width = (Number of sections x 46mm) + 26mm. Please see page 92 for manufacturing tolerances.

Max. Working Pressure: 10 bar Max. Working Temperature: 110°C Test House: WSP-LAB Test House No: 1428

Zehnder Charleston (pages 30 - 32)

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													
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. Please see page 92 for manufacturing tolerances.

Max. Working Pressure: 10 bar Max. Working Temperature: 110°C Test House: WSP-LAB Test House No: 1428

Zehnder Charleston (pages 34 - 36)

Made to Measure Options												
Model code	Height mm	Finish	Overall Projection mm	Pipe Centres mm radiator from wall		Outputs ΔT=50K Watts Btu		Outputs ΔT=30K Watts Btu		n Exponent	Weight kg	Water 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

*Nominal overall radiator length = (Number of sections x 46mm) + 26mm. Please see page 94 for manufacturing tolerances.

Vertical entry = overall length minus 72mm

Max. Working Pressure: 10 bar Max. Working Temperature: 110°C Test House: WSP-LAB Test House No: 1428

Zehnder Charleston (page 34 - 36)

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			
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	3.55	1.6
6060	600	white/colour	238	length + valves*	133	117	399	61	209	1.27	3.76	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. Please see page 94 for manufacturing tolerances.

Vertical entry = overall length minus 72mm

Max. Working Pressure: 10 bar Max. Working Temperature: 110°C Test House: WSP-LAB Test House No: 1428

Zehnder Excelsior (pages 42 - 44)

Made to Measure Options – 30mm spacing												
Model code	Height mm	Finish	Overall Projection mm	Pipe Centres mm radiator	from wall	Outputs ΔT=50K Watts Btu		Outputs ΔT=30K Watts Btu		n Exponent	Weight kg	Water Content litres
Zehnder Excelsior vertical single fin with – 30mm spacing spacing white					Technical data per element							
E1040/30	400	wh/col	95	length+valves	50	27	92	15	50	1.21	0.76	0.18
E1050/30	500	wh/col	95	length+valves	50	32	109	17	59	1.21	0.93	0.22
E1060/30	600	wh/col	95	length+valves	50	37	126	20	68	1.22	1.10	0.25
E1120/30	1200	wh/col	95	length+valves	50	67	229	34	117	1.25	2.14	0.47
E1150/30	1500	wh/col	95	length+valves	50	83	284	44	149	1.26	2.67	0.58
E1180/30	1800	wh/col	95	length+valves	50	100	341	52	177	1.28	3.19	0.69
E1200/30	2000	wh/col	95	length+valves	50	111	379	57	196	1.29	3.53	0.76

Underside connections available on request.

Max working pressure: 5 bar Max. Working Temperature: 120°C Test House: HLK Stuttgart Test House No: 0626

Zehnder Excelsior (pages 42 - 44)

Made to Measure Options – 40mm spacing												
Model code	Height mm	Finish	Overall Projection mm	Pipe Centres mm radiator	from wall	Outputs ΔT=50K Watts Btu		Outputs ΔT=30K Watts Btu		n Exponent	Weight kg	Water Content litres
Zehnder Excelsior vertical single fin with – 40mm spacing spacing white												
E1040/40	400	wh/col	95	length+valves	50	29	99	16	53	1.21	0.78	0.19
E1050/40	500	wh/col	95	length+valves	50	34	116	18	62	1.22	0.95	0.23
E1060/40	600	wh/col	95	length+valves	50	40	136	21	73	1.22	1.12	0.26
E1120/40	1200	wh/col	95	length+valves	50	72	246	38	129	1.26	2.16	0.48
E1150/40	1500	wh/col	95	length+valves	50	90	308	47	160	1.28	2.68	0.59
E1180/40	1800	wh/col	95	length+valves	50	109	372	56	191	1.30	3.21	0.70
E1200/40	2000	wh/col	95	length+valves	50	122	416	63	213	1.31	3.55	0.77

Underside connections available on request.

Max working pressure: 5 bar Max. Working Temperature: 120°C Test House: HLK Stuttgart Test House No: 0626

Zehnder Klaro (page 48)

Model code	Height mm	Width mm	Finish	Overall Projection mm	Pipe Centres mm radiator from wall		Outputs $\Delta T=50K$ Watts Btu		Outputs $\Delta T=30K$ Watts Btu		n Exponent	Weight kg	Water Content litres	Max. Immersion Rating
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
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
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
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
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
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

Max. Working Pressure: 4 bar Max. Working Temperature: 110°C Test House: HLK STUTTGART Test House No: 0626

Zehnder Kleo (pages 52 - 54)

Model code	Height mm	Width mm	Finish	Overall Projection mm	Pipe Centres mm radiator from wall	Outputs ΔT=50K Watts Btu	Outputs ΔT=30K Watts Btu	n Exponent	Weight kg	Water Content litres	
Zehnder Kleo vertical single panel											
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
Zehnder Kleo horizontal single panel											
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
Zehnder Kleo horizontal double panel											
KLHD-058-100	596	1000	white/colour	106	962	70	1211 4134	636 2170	1.26	22.6	12.5
KLHD-058-120	596	1200	white/colour	106	1162	70	1453 4961	763 2603	1.26	27.1	15.0
KLHD-058-140	596	1400	white/colour	106	1362	70	1695 5787	891 3040	1.26	31.6	17.5

Max. Working Pressure: 4 bar Max. Working Temperature: 110°C Test House: CETIAT Test House No: 1623

Made to Measure Options

Model code	Height mm	Finish	Overall Projection mm	Pipe Centres mm radiator from wall		Outputs ΔT=50K Watts Btu		Outputs ΔT=30K Watts Btu		n Exponent	Weight kg	Water Content litres
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	1.247	25.3	11.0

Max. Working Pressure: 4 bar Max. Working Temperature: 110°C Test House: CETIAT Test House No: 1623

Zehnder Kleo (pages 52 - 54)

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 KLV single, data per vertical tube												
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

To calculate the number of tubes required, allow 44mm per tube

Max. Working Pressure: 4 bar Max. Working Temperature: 110°C Test House: CETIAT Test House No: 1623

Zehnder Metropolitan (pages 56 - 58)

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 Metropolitan horizontal													
MEH-030-140	280	1400	white/colour	79 to 89	50 or w-80	60 to 70	376	1283	198	676	1.26	8.31	4.50
MEH-040-140	385	1400	white/colour	79 to 89	50 or w-80	60 to 70	474	1617	243	829	1.31	10.30	5.29
MEH-040-160	385	1600	white/colour	79 to 89	50 or w-80	60 to 70	542	1849	278	949	1.31	11.70	5.96
MEH-040-180	385	1800	white/colour	79 to 89	50 or w-80	60 to 70	610	2081	309	1054	1.31	13.1	6.6
MEH-040-200	385	2000	white/colour	79 to 89	50 or w-80	60 to 70	277	945	343	1170	1.31	14.5	7.3
MEH-050-140	490	1400	white/colour	79 to 89	50 or w-80	60 to 70	585	1996	300	1024	1.31	12.80	5.99
MEH-050-160	490	1600	white/colour	79 to 89	50 or w-80	60 to 70	669	2283	343	1170	1.31	14.60	6.73
MEH-050-180	490	1800	white/colour	79 to 89	50 or w-80	60 to 70	753	2569	386	1317	1.31	16.30	7.47
MEH-050-200	490	2000	white/colour	79 to 89	50 or w-80	60 to 70	836	2852	425	1450	1.31	18.1	8.2
MEH-060-090	595	900	white/colour	79 to 89	50 or w-80	60 to 70	447	1525	230	785	1.30	10.10	4.67
MEH-060-140	595	1400	white/colour	79 to 89	50 or w-80	60 to 70	695	2371	358	1221	1.30	15.30	6.69
MEH-060-160	595	1600	white/colour	79 to 89	50 or w-80	60 to 70	794	2709	409	1396	1.30	17.40	7.49
MEH-060-180	595	1800	white/colour	79 to 89	50 or w-80	60 to 70	894	3050	460	1570	1.30	19.50	8.30
MEH-060-200	595	2000	white/colour	79 to 89	50 or w-80	60 to 70	993	3388	511	1744	1.30	21.60	9.10
MEH-070-090	700	900	white/colour	79 to 89	50 or w-80	60 to 70	517	1764	264	901	1.3	11.8	5.2
MEH-070-140	700	1400	white/colour	79 to 89	50 or w-80	60 to 70	804	2743	411	1402	1.3	17.9	7.4
MEH-070-160	700	1600	white/colour	79 to 89	50 or w-80	60 to 70	919	3136	470	1604	1.3	20.3	8.3
MEH-070-180	700	1800	white/colour	79 to 89	50 or w-80	60 to 70	1034	3528	529	1805	1.3	22.7	9.1
MEH-070-200	700	2000	white/colour	79 to 89	50 or w-80	60 to 70	1148	3917	587	2003	1.3	25.1	10
MEH-080-040	805	400	white/colour	79 to 89	50 or w-80	60 to 70	663	2262	340	1160	1.29	14.4	6.7
MEH-080-050	805	500	white/colour	79 to 89	50 or w-80	60 to 70	387	1320	200	682	1.29	8.20	3.96
MEH-080-060	805	600	white/colour	79 to 89	50 or w-80	60 to 70	449	1532	232	792	1.29	9.70	4.41
MEH-120-040	1225	400	white/colour	79 to 89	50 or w-80	60 to 70	469	1600	244	833	1.28	10.30	4.90
MEH-120-050	1225	500	white/colour	79 to 89	50 or w-80	60 to 70	563	1921	293	1000	1.28	12.40	5.50
MEH-120-060	1225	600	white/colour	79 to 89	50 or w-80	60 to 70	653	2228	340	1160	1.28	14.50	6.10
MEH-150-040	1540	400	white/colour	79 to 89	50 or w-80	60 to 70	582	1986	312	1065	1.22	12.00	5.51
MEH-150-050	1540	500	white/colour	79 to 89	50 or w-80	60 to 70	730	2491	389	1327	1.23	14.40	6.25
MEH-150-060	1540	600	white/colour	79 to 89	50 or w-80	60 to 70	871	2972	465	1587	1.23	16.80	6.98
MEH-180-040	1750	400	white/colour	79 to 89	50 or w-80	60 to 70	663	2262	343	1170	1.29	14.40	6.73
MEH-180-050	1750	500	white/colour	79 to 89	50 or w-80	60 to 70	795	2713	411	1402	1.29	17.40	7.63
MEH-180-060	805	600	white/colour	79 to 89	50 or w-80	60 to 70	922	3146	475	1621	1.29	20.4	8.5
Zehnder Metropolitan vertical													
MEV-150-030	1500	280	white/colour	79 to 89	50 or w-80	60 to 70	405	1382	213	727	1.24	9.5	5.1
MEV-150-040	1500	385	white/colour	79 to 89	50 or w-80	60 to 70	533	1819	279	952	1.25	12.3	5.9
MEV-150-050	1500	490	white/colour	79 to 89	50 or w-80	60 to 70	655	2235	342	1167	1.26	15.1	6.6
MEV-150-060	1500	595	white/colour	79 to 89	50 or w-80	60 to 70	773	2637	401	1368	1.27	17.9	7.4
MEV-180-030	1800	280	white/colour	79 to 89	50 or w-80	60 to 70	490	1672	256	873	1.27	11.30	5.8
MEV-180-040	1800	385	white/colour	79 to 89	50 or w-80	60 to 70	643	2194	336	1146	1.27	14.60	6.64
MEV-180-050	1800	490	white/colour	79 to 89	50 or w-80	60 to 70	791	2699	413	1409	1.27	17.90	7.47
MEV-180-060	1800	595	white/colour	79 to 89	50 or w-80	60 to 70	934	3187	486	1658	1.26	21.3	8.3
MEV-200-030	2000	280	white/colour	79 to 89	50 or w-80	60 to 70	544	1856	290	989	1.22	12.5	6.6
MEV-200-040	2000	385	white/colour	79 to 89	50 or w-80	60 to 70	714	2436	375	1280	1.26	16.10	7.31
MEV-200-050	2000	490	white/colour	79 to 89	50 or w-80	60 to 70	878	2996	461	1573	1.26	19.80	8.21
MEV-200-060	2000	595	white/colour	79 to 89	50 or w-80	60 to 70	1037	3538	545	1860	1.26	23.50	9.1

Max. Working Pressure: 4 bar Max. Working Temperature: 120°C Test House: HLK STUTTGART Test House No: 0626

Zehnder Metropolitan Spa (page 60)

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	Max. Immersion Rating
					radiator	from wall	Watts	Btu	Watts	Btu				
MET-080-040	805	400	white/colour	79 to 89	50 or 320	60 to 70	327	1116	173	590	1.25	6.5	3.5	250
MET-080-050	805	500	white/colour	79 to 89	50 or 420	60 to 70	388	1324	204	696	1.26	7.8	3.8	300
MET-080-060	805	600	white/colour	79 to 89	50 or 520	60 to 70	445	1518	233	795	1.27	9.1	4.2	300
MET-120-040	1225	400	white/colour	79 to 89	50 or 320	60 to 70	474	1617	249	850	1.26	9.8	4.8	300
MET-120-050	1225	500	white/colour	79 to 89	50 or 420	60 to 70	561	1914	295	1007	1.26	11.7	5.2	400
MET-120-060	1225	600	white/colour	79 to 89	50 or 520	60 to 70	645	2201	337	1150	1.27	13.5	5.7	400
MET-150-040	1540	400	white/colour	79 to 89	50 or 320	60 to 70	582	1986	306	1044	1.26	11.5	5.4	400
MET-150-050	1540	500	white/colour	79 to 89	50 or 420	60 to 70	690	2354	361	1232	1.27	13.5	5.9	500
MET-180-050	1750	500	white/colour	79 to 89	50 or 420	60 to 70	775	2644	407	1389	1.26	16.3	7.3	500
MET-180-060	1750	600	white/colour	79 to 89	50 or 520	60 to 70	889	3033	465	1587	1.27	19.0	8.0	600

Max. Working Pressure: 4 bar Max. Working Temperature: 120°C Test House: HLK STUTTGART Test House No: 0626

Zehnder Nobis (page 62)

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			
NOB-100-050	965	500	chrome	97 to 109	50	76 to 88	210	717	109	372	1.28	9.0	2.0
NOB-150-050	1520	500	chrome	97 to 109	50	76 to 88	325	1109	167	570	1.30	14.0	3.2

Max. Working Pressure: 12 bar Max. Working Temperature: 120°C Test House: HLK STUTTGART Test House No: 0626

Zehnder Quaro Spa (page 64)

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	Max. Immersion Rating
					radiator	from wall	Watts	Btu	Watts	Btu				
QS-075-045	803	450	white/colour	90-100	418	75-85	332	1133	177	605	1.23	7.5	3.7	200
QS-120-045	1251	450	white/colour	90-100	418	75-85	493	1682	262	894	1.24	10.3	5.4	300
QS-120-055	1251	550	white/colour	90-100	518	75-85	580	1979	308	1051	1.24	12	6.3	400
QS-150-045	1507	450	white/colour	90-100	418	75-85	588	2006	312	1063	1.24	11.9	6.5	400
QS-150-055	1507	550	white/colour	90-100	518	75-85	694	2368	368	1254	1.24	14	7.4	500
QS-180-055	1827	550	white/colour	90-100	518	75-85	851	2904	452	1544	1.24	16.9	9.2	600
QSC-075-045	803	450	chrome	90-100	418	75-85	206	703	108	368	1.27	7.1	3.7	150
QSC-120-045	1251	450	chrome	90-100	418	75-85	313	1068	163	557	1.28	9.8	5.4	200
QSC-120-055	1251	550	chrome	90-100	518	75-85	376	1283	197	671	1.27	11.6	6.3	300
QSC-150-045	1507	450	chrome	90-100	418	75-85	371	1266	192	656	1.29	11.3	6.5	300
QSC-150-055	1507	550	chrome	90-100	518	75-85	443	1512	230	783	1.29	13.4	7.4	300
QSC-180-055	1827	550	chrome	90-100	518	75-85	544	1856	283	965	1.28	16.1	9.2	400

Max. Working Pressure: 10 bar Max. Working Temperature: 120°C Test House: WSP-LAB Test House No: 1428

Zehnder Ribbon (page 66)

Model code	Height mm	Width mm	Finish	Overall projection mm	Pipe Centres mm		Outputs $\Delta T=50K$		Outputs $\Delta T=30K$		Weight kg	Max. Immersion Rating
					radiator	from wall	Watts	Btu	Watts	Btu		
RB-100-050	965	500	white	88-94	50 or 456	73-79	398	1358	211	720	8.4	300
RB-130-050	1266	500	white	88-94	50 or 456	73-79	509	1737	271	925	10.7	300
RB-160-050	1567	500	white	88-94	50 or 456	73-79	621	2119	330	1126	13.1	400
RB-180-050	1823	500	white	88-94	50 or 456	73-79	723	2467	383	1307	15.1	500
RB-100-050-0557	965	500	matt black	88-94	50 or 456	73-79	398	1358	211	720	8.4	300
RB-130-050-0557	1266	500	matt black	88-94	50 or 456	73-79	509	1737	271	925	10.7	300
RB-160-050-0557	1567	500	matt black	88-94	50 or 456	73-79	621	2119	330	1126	13.1	400
RB-180-050-0557	1823	500	matt black	88-94	50 or 456	73-79	723	2467	383	1307	15.1	500
RBC-100-050	965	500	chrome	88-94	50 or 456	73-79	261	891	137	467	8.5	200
RBC-130-050	1266	500	chrome	88-94	50 or 456	73-79	327	1116	171	583	10.8	250
RBC-160-050	1567	500	chrome	88-94	50 or 456	73-79	393	1341	205	699	13.1	300
RBC-180-050	1823	500	chrome	88-94	50 or 456	73-79	461	1573	240	819	15.4	300

Max. Working Pressure: 10 bar Max. Working Temperature: 110°C Test House: WSP-LAB Test House No: 1428

Zehnder Roda (page 70)

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
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	7.87	3.36
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	21.00	8.96
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	35.63	14.08
ROHD-059-160	592	1600	white/colour	93	1532	66	1710	5835	898	3064	1.26	40.72	16.09

Max. Working Pressure: 4 bar Max. Working Temperature: 110°C Test House: CETIAT Test House No: 1623

TECHNICAL SPECIFICATIONS

Zehnder Roda (page 72)

Made to Measure Options												
Model code	Height mm	Finish	Overall Projection mm	Pipe Centres mm radiator from wall		Outputs ΔT=50K Watts Btu		Outputs ΔT=30K Watts Btu		n Exponent	Weight kg	Water Content litres
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 Max. Working Temperature: 110°C Test House: CETIAT Test House No: 1623

Zehnder Roda (page 72)

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 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 Max. Working Temperature: 110°C Test House: CETIAT Test House No: 1623

Zehnder Roda Mirror (page 76)

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			
ROM-180-059	1800	592	white/colour	70	543	42	544	1856	279	952	1.31	21.4	5.1
ROM-180-067	1800	666	white/colour	70	617	42	680	2320	348	1187	1.31	24.6	6.3
ROM-180-081	1800	814	white/colour	70	765	42	952	3248	488	1665	1.31	31.0	8.6
ROMD-180-067	1800	666	white/colour	93	617	66	1355	4623	690	2354	1.32	51.6	15.4
ROMD-180-081	1800	814	white/colour	93	765	66	1527	5210	778	2655	1.32	64.0	19.7

Max. Working Pressure: 4 bar Max. Working Temperature: 110°C Test House: CETIAT Test House No: 1623

Zehnder Roda Spa (page 78)

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	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
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
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
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

Max. Working Pressure: 4 bar Max. Working Temperature: 110°C Test House: CETIAT Test House No: 1623

Zehnder Roda Spa Asym (page 80)

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	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
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

Max. Working Pressure: 4 bar Max. Working Temperature: 110°C Test House: CETIAT Test House No: 1623

Zehnder Sfera Bow (page 84)

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	Max. Immersion Rating
					radiator	from wall	Watts	Btu	Watts	Btu				
SH-086-050	859	498	white/colour	138 to 153	446	70 to 85	460	1569	245	836	1.23	8.0	4.1	300
SH-086-060	859	593	white/colour	138 to 153	541	70 to 85	554	1890	296	1010	1.23	9.2	4.6	300
SH-126-050	1255	498	white/colour	138 to 153	446	70 to 85	710	2423	379	1293	1.23	12.5	6.3	500
SH-126-060	1255	593	white/colour	138 to 153	541	70 to 85	850	2900	453	1546	1.23	14.4	7.0	600
SH-175-050	1750	498	white/colour	138 to 153	446	70 to 85	946	3228	505	1723	1.23	17.3	8.7	600
SH-175-060	1750	593	white/colour	138 to 153	541	70 to 85	1126	3841	601	2051	1.23	19.8	9.7	750
SHC-086-050	859	498	chrome	138 to 153	446	70 to 85	316	1078	169	577	1.23	8.0	4.1	200
SHC-086-060	859	593	chrome	138 to 153	541	70 to 85	350	1194	187	638	1.23	9.2	4.6	200
SHC-126-050	1255	498	chrome	138 to 153	446	70 to 85	476	1624	254	867	1.23	12.5	6.3	300
SHC-126-060	1255	593	chrome	138 to 153	541	70 to 85	573	1955	306	1044	1.23	14.4	7.0	300
SHC-175-050	1750	498	chrome	138 to 153	446	70 to 85	650	2218	347	1184	1.23	17.3	8.7	500
SHC-175-060	1750	593	chrome	138 to 153	541	70 to 85	775	2644	413	1409	1.23	19.8	9.7	500

Max. Working Pressure: 4 bar Max. Working Temperature: 110°C Test House: WSP-LAB Test House No: 1428

Zehnder Stellar Spa (page 86)

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	Max. Immersion Rating
					radiator	from wall	Watts	Btu	Watts	Btu				
STGI-060-045	572	450	polished	90 to 100	420	75 to 85	161	549	84	287	1.27	3.1	1.8	100
STGI-060-100	572	1000	polished	90 to 100	970	75 to 85	272	928	144	491	1.24	5.3	3.0	150
STGI-080-030	788	300	polished	90 to 100	270	75 to 85	171	583	89	304	1.28	3.4	2.0	100
STGI-080-045	788	450	polished	90 to 100	420	75 to 85	220	751	115	392	1.27	4.2	3.0	100
STGI-080-050	788	500	polished	90 to 100	470	75 to 85	234	798	122	416	1.26	4.4	2.7	150
STGI-080-060	788	600	polished	90 to 100	570	75 to 85	243	829	128	435	1.26	5.0	3.2	150
STGI-120-030	1220	300	polished	90 to 100	270	75 to 85	240	819	125	427	1.28	5.2	3.1	150
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
STGI-120-060	1220	600	polished	90 to 100	570	75 to 85	379	1293	197	672	1.28	7.7	4.6	250
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
STGI-060-100	572	1000	painted	90 to 100	970	75 to 85	394	1344	211	721	1.23	5.3	3.0	250
STGI-080-030	788	300	painted	90 to 100	270	75 to 85	218	744	117	399	1.23	3.4	2.0	150
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
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
STGI-170-060	1724	600	painted	90 to 100	570	75 to 85	791	2699	422	1440	1.23	11.2	6.5	500

Max. Working Pressure: 10 bar Max. Working Temperature: 120°C Test House: HLK STUTT GART Test House No: 0626

Zehnder Subway (pages 88 - 90)

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	Max. Immersion Rating
					radiator	from wall	Watts	Btu	Watts	Btu				
SUB-060-045	613	450	white/colour	70 to 80	50 or 418	55 to 65	310	1058	164	560	1.25	5.2	2.3	200
SUB-100-045	973	450	white/colour	70 to 80	50 or 418	55 to 65	401	1368	212	723	1.25	6.7	3.5	300
SUB-100-060	973	600	white/colour	70 to 80	50 or 568	55 to 65	499	1703	264	901	1.25	8.3	4.3	300
SUB-130-045	1261	450	white/colour	70 to 80	50 or 418	55 to 65	509	1737	269	918	1.25	8.6	4.5	300
SUB-130-060	1261	600	white/colour	70 to 80	50 or 568	55 to 65	639	2180	337	1150	1.25	10.5	5.4	400
SUB-150-045	1549	450	white/colour	70 to 80	50 or 418	55 to 65	615	2098	325	1109	1.25	10.6	5.4	400
SUB-150-060	1549	600	white/colour	70 to 80	50 or 568	55 to 65	772	2634	408	1392	1.25	12.5	7.2	500
SUB-180-045	1837	450	white/colour	70 to 80	50 or 418	55 to 65	715	2440	380	1297	1.24	12.2	6.3	500
SUB-180-060	1837	600	white/colour	70 to 80	50 or 568	55 to 65	898	3064	477	1628	1.24	14.7	7.7	600
SUBC-060-045	613	450	chrome	70 to 80	50 or 418	55 to 65	205	699	107	365	1.27	5.0	2.3	100
SUBC-100-045	973	450	chrome	70 to 80	50 or 418	55 to 65	265	904	139	474	1.27	6.5	3.5	200
SUBC-100-060	973	600	chrome	70 to 80	50 or 568	55 to 65	329	1123	173	590	1.26	8.1	4.3	200
SUBC-130-045	1261	450	chrome	70 to 80	50 or 418	55 to 65	335	1143	175	597	1.27	8.4	4.5	200
SUBC-130-060	1261	600	chrome	70 to 80	50 or 568	55 to 65	406	1385	213	727	1.26	10.2	5.4	300
SUBC-150-045	1549	450	chrome	70 to 80	50 or 418	55 to 65	420	1433	220	751	1.27	10.1	5.4	300
SUBC-150-060	1549	600	chrome	70 to 80	50 or 568	55 to 65	508	1733	267	911	1.26	12.3	7.2	300
SUBC-180-045	1837	450	chrome	70 to 80	50 or 418	55 to 65	485	1655	254	867	1.27	11.8	6.3	300
SUBC-180-060	1837	600	chrome	70 to 80	50 or 568	55 to 65	592	2020	311	1061	1.26	14.3	7.7	400

Max. Working Pressure: 10 bar Max. Working Temperature: 120°C Test House: HLK STUTT GART Test House No: 0626

Zehnder Subway Stainless Steel (page 94)

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	Max. Immersion Rating
					radiator	from wall	Watts	Btu	Watts	Btu				
SUBI-060-045	613	450	brushed	70 to 80	50 or 418	55 to 65	221	754	116	396	1.27	5.1	2.3	150
SUBI-130-045	1261	450	brushed	70 to 80	50 or 418	55 to 65	370	1262	193	659	1.27	8.7	4.5	200
SUBI-130-060	1261	600	brushed	70 to 80	50 or 568	55 to 65	447	1525	235	802	1.26	10.4	5.4	300
SUBI-150-045	1549	450	brushed	70 to 80	50 or 418	55 to 65	445	1518	233	795	1.27	10.4	5.4	300
SUBI-150-060	1549	600	brushed	70 to 80	50 or 568	55 to 65	538	1836	283	966	1.26	12.4	7.2	300
SUBI-180-045	1837	450	brushed	70 to 80	50 or 418	55 to 65	523	1784	272	928	1.28	12.2	6.3	300
SUBI-180-060	1837	600	brushed	70 to 80	50 or 568	55 to 65	633	2160	334	1140	1.25	14.4	7.7	400

Max. Working Pressure: 10 bar Max. Working Temperature: 120°C Test House: HLK STUTT GART Test House No: 0626

Zehnder Vitalo Bar (page 96)

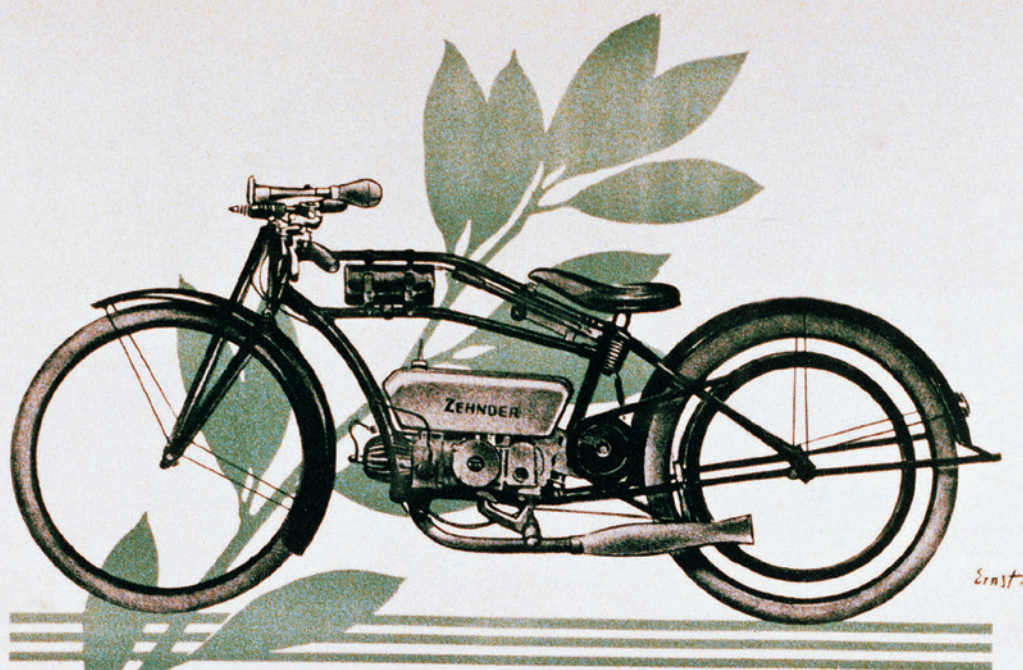
Model code	Height mm	Width mm	Finish	Overall Projection mm	Pipe Centres mm		Outputs $\Delta T=50K$		Outputs $\Delta T=30K$		n Exponent	Weight kg	Water Content litres
					radiator	from wall	Watts	Btu	Watts	Btu			
VIP-125-040	1250	400	white	115	50	60	465	1587	249	850	1.22	7.0	0.7
VIP-125-050	1250	500	white	115	50	60	555	1894	298	1017	1.22	8.7	0.8
VIP-125-060	1250	600	white	115	50	60	641	2187	345	1177	1.21	10.5	0.9
VIP-160-040	1570	400	white	115	50	60	546	1863	296	1010	1.20	9.3	0.7
VIP-160-050	1570	500	white	115	50	60	676	2307	364	1242	1.21	11.4	0.9
VIP-160-060	1570	600	white	115	50	60	806	2750	434	1481	1.21	13.6	1.0
VIP-190-040	1890	400	white	115	50	60	673	2296	363	1239	1.21	10.9	0.9
VIP-190-050	1890	500	white	115	50	60	834	2846	450	1535	1.21	12.7	1.1
VIP-190-060	1890	600	white	115	50	60	994	3392	536	1829	1.21	14.6	1.3

Max. Working Pressure: 10 bar Max. Working Temperature: 80°C Test House: WSP-LAB Test House No: 1428

Zehnder Yucca Asym (page 98)

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	Max. Immersion Rating
					radiator	from wall	Watts	Btu	Watts	Btu				
Single tube														
YA-090-050	872	478	white/colour	82 to 97	50	48 to 63	351	1198	185	631	1.26	9.2	2.82	200
YA-130-040	1304	378	white/colour	82 to 97	50	48 to 63	430	1467	225	768	1.27	11.1	3.68	300
YA-130-050	1304	478	white/colour	82 to 97	50	48 to 63	517	1764	271	925	1.27	13.3	4.16	300
YA-130-060	1304	578	white/colour	82 to 97	50	48 to 63	599	2044	314	1071	1.27	15.8	4.36	400
YA-170-040	1736	378	white/colour	82 to 97	50	48 to 63	571	1948	298	1017	1.27	14.8	4.89	400
YA-170-050	1736	478	white/colour	82 to 97	50	48 to 63	686	2341	358	1222	1.27	17.9	5.61	500
YA-170-060	1736	578	white/colour	82 to 97	50	48 to 63	795	2713	415	1416	1.27	21.1	6.29	500
YAC-090-050	872	478	chrome	82 to 97	50	48 to 63	254	867	131	447	1.29	9.2	2.82	150
YAC-130-040	1304	378	chrome	82 to 97	50	48 to 63	308	1051	159	543	1.3	11.1	3.68	200
YAC-130-050	1304	478	chrome	82 to 97	50	48 to 63	371	1266	191	652	1.3	13.3	4.16	200
YAC-130-060	1304	578	chrome	82 to 97	50	48 to 63	432	1474	222	757	1.3	15.8	4.36	300
YAC-170-040	1736	378	chrome	82 to 97	50	48 to 63	408	1392	209	713	1.31	14.8	4.89	300
YAC-170-050	1736	478	chrome	82 to 97	50	48 to 63	492	1679	252	860	1.31	17.9	5.61	300
YAC-170-060	1736	578	chrome	82 to 97	50	48 to 63	572	1952	293	1000	1.31	21.1	6.29	300
Double tube														
YAD-130-040	1304	378	white/colour	124 to 139	50	92 to 107	628	2143	326	1112	1.29	19.4	5.87	400
YAD-130-060	1304	578	white/colour	124 to 139	50	92 to 107	893	3047	463	1580	1.29	28.7	8.25	600
YAD-170-040	1736	378	white/colour	124 to 139	50	92 to 107	825	2815	426	1454	1.3	25.4	7.81	500
YAD-170-050	1736	478	white/colour	124 to 139	50	92 to 107	1002	3419	517	1764	1.3	32	9.13	600
YAD-170-060	1736	578	white/colour	124 to 139	50	92 to 107	1173	4002	605	2064	1.3	38.9	10.43	750

Max. Working Pressure: 12 bar Max. Working Temperature: 120°C Test House: WSP-LAB Test House No: 1428



ZEHNDER

LEICHTMOTORRAD

Modell Export

fr. 650.-

Zehnder celebrates 125 years of making history and shaping a sustainable future

Zehnder, the indoor climate solutions specialist, celebrates 125 years in business by proudly looking back at memorable milestones – including many industry firsts - that have seen the company play a leading role in shaping the indoor climate solutions industry.

Pioneering spirit

The Zehnder story started in 1895, when Jakob Zehnder established a small workshop in Gränichen in Switzerland, marking the first page in a success story that the fourth generation of the Zehnder family continues to write to this day. Whether as a workshop or as the producer of the legendary “Zehnderli” light motorcycle, the name Zehnder has always been synonymous with innovation. Over the years, Zehnder has undergone an impressive process of change, reinventing itself in line with the times.

Revolutionising the indoor heating market

In the 1930s the Zehnder brothers found their forte, designing and developing the world's first ever steel tube radiator - The Zehnder Charleston - which quickly established its place on the market. Since then, the Charleston has played a leading role in the company's success with continuous advances in the quality of production methods and technology keeping the Charleston multi-column at the forefront of the radiator market.

Innovation and technology

The company didn't stop at decorative radiators

and the range has since expanded to include heating and cooling ceiling systems, comfortable indoor ventilation and clean air solutions.

In 1979, Zehnder demonstrated its pioneering spirit once again, developing the first bathroom radiator. A year later (1980), Zehnder expanded its portfolio to include radiant ceiling panels.

Global growth and industry expansion

At the turn of the millennium, Zehnder joined the comfort ventilation business and in 2007 established a fourth business field with clean air solutions for industry, logistics and the food and beverage sectors. 2013 saw the opening of the Zehnder logistics centre in Lahr, Germany, providing a hub for European deliveries.

Tony Twohig, Managing Director at Zehnder, said: “From humble beginnings as a small family business, Zehnder has grown to employ around 3,500 people across 70 countries, providing customers around the world with a range of energy-efficient solutions for a healthy, comfortable indoor climate.



“Our 125th anniversary is a proud moment in our history and an important opportunity to thank our people, business partners and customers. As we look forward to the next chapter, Zehnder will continue to pair passion with market leading knowledge to drive sustainable action in the indoor climate solutions arena.”

zehnder

MAKING HISTORY. SHAPING THE FUTURE.

since 1895

zehnder
always the
best climate

1895

Repairs of all kinds

The Zehnder family of entrepreneurs begins with Jakob Zehnder (born in 1855). He builds a house and small mechanical workshop in Gränichen, Switzerland.



1923

A light motorcycle conquers Switzerland

The Zehnder brothers develop and sell the legendary “Zehnderli” light motorcycle.



1964

Start of global expansion

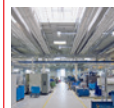
In view of growing competition in Germany, the Zehnder company decides to open its own dedicated production plant near Freiburg in Basiglio.



1980

Entry into radiant ceiling panel market

Zehnder expands its portfolio to include radiant ceiling panels, which are ideal for heating industrial halls and commercial buildings.



1996

First production site in China

Zehnder becomes the first foreign company to enter the Chinese radiator market.



2007

Industry in its sights

Zehnder establishes a fourth business field with clean air solutions for industry, logistics and the food and beverage sectors.



2020

A service provider and pioneer

Today, Zehnder is a leading international provider of complete solutions for a healthy and comfortable indoor climate, and employs approximately 3,500 people.



The J. Zehnder & Söhne company is founded by Jakob Zehnder and his three sons.

1912



The innovative Zehnder Charleston radiator, a design classic, establishes its place on the market.

1930



Zehnder demonstrates its pioneering spirit once again by developing the first bathroom radiator – a product that remains popular to this day.

1979



Zehnder goes public and lists its shares on the Zurich stock exchange. The family retains a majority share to this day.

1986



Zehnder joins the comfort ventilation business, an area that undergoes regular expansion in subsequent years.

2001



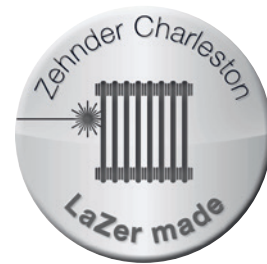
Opening the Zehnder logistics centre in Lahr, Germany, provides a hub for European deliveries and a huge step forward in developing the company's customer service activities.

2013

Notes

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!

Typical two column radiator

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



Typical three column radiator

Header:

LaZer welding seam is visible on the side

Header Tube Connection:

Projection welding - silver coloured

Occurrence:

Each section / some sections / no section

Height:

400mm or over

Reason for appearance:

The seam is due to the LaZer welding process



Typical four column radiator

Header:

Marks at the top of the header

Occurrence:

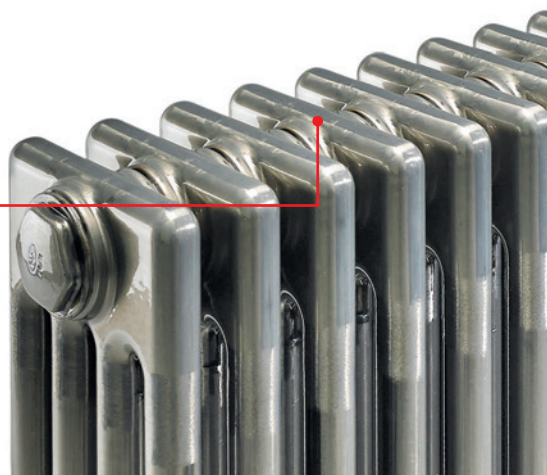
Each header / some headers

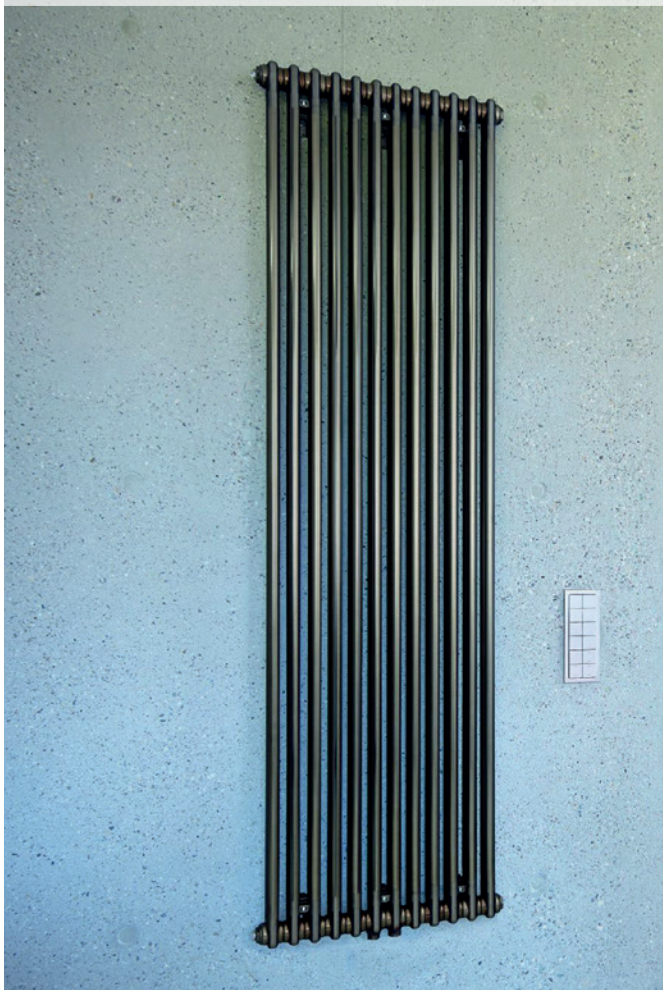
Height:

For all heights

Reason for appearance:

Securing of the sections during welding processes





Typical four column radiator under 350mm

Header:

Silver coloured

Header Tube Connection:

Soldering – darker coloured (brown/blue)

Occurrence:

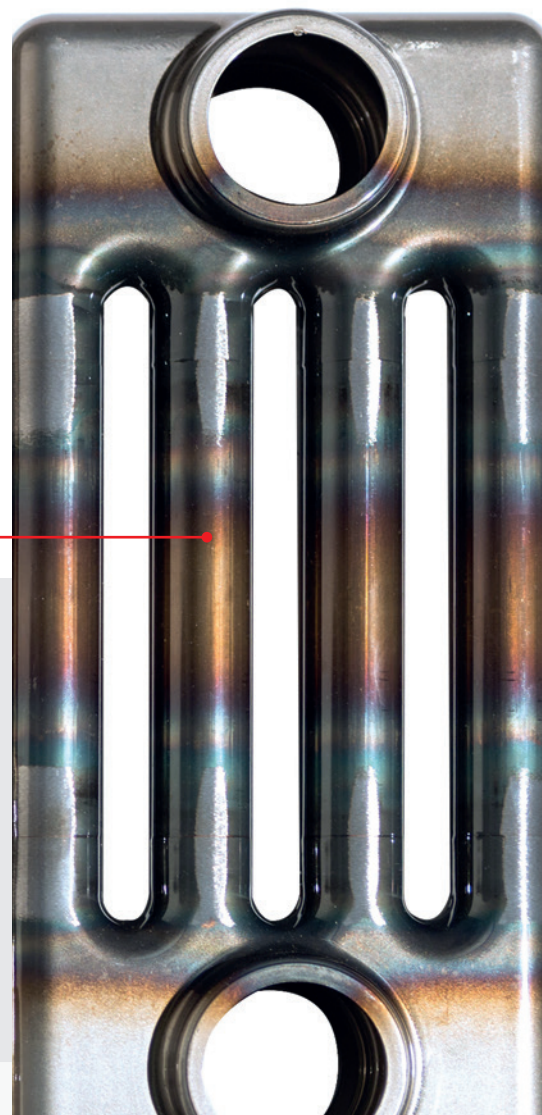
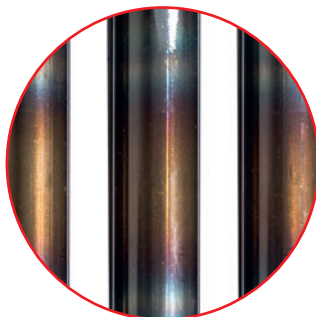
2-6 Columns

Height:

350mm or under

Reason for appearance:

Soldering



Header:

Silver coloured

Header Tube Connection:

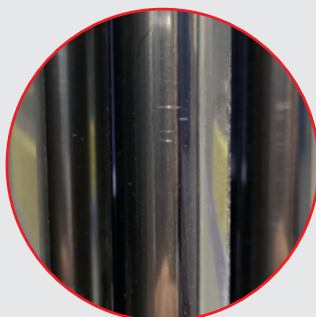
Scratches on the radiator visible beneath the clear lacquer

Occurrence:

Each section / some sections / no section

Reason for 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 technology standards 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 non conformities. 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.

3 WEEKS



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





Lazer made

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.
- 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.
- All VAT calculated at 20%

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.

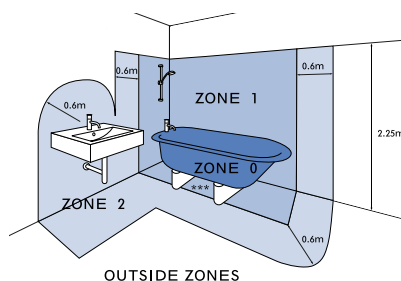
Zone 2: Area stretching 0.6m from zone 1. Minimum rating of IPX4 should be used here.

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

IP Rating: "X" denotes level 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.

Colours & Finishes

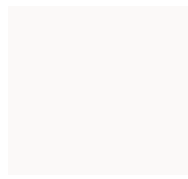


**Roda Spa in Flame Red
(Electric)**

Zehnder's new Architectural, Tonic and Natural categories provide three coherent colour schemes encompassing all the related colours and shades. Organised variety, which helps you to find the right colour for your designer radiator, your environment and your personality.

Colours & Finishes

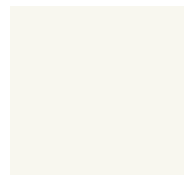
Architectural



0556 White (matt)



0521 White Quartz (quartz)



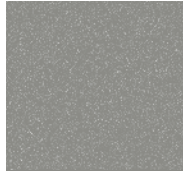
RAL 9010 Pure White (gloss)



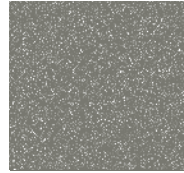
0332 Inox Look (gloss)



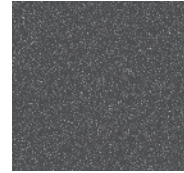
9006 White Aluminium (gloss)



0335 Titane (gloss)



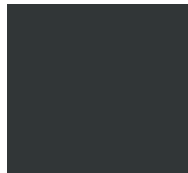
9007 Grey Aluminium (gloss)



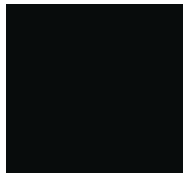
0346 Anthracite (matt)



0336 Volcanic (matt)



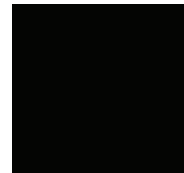
RAL 7016 Anthracite Grey (gloss)



RAL 9017 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)



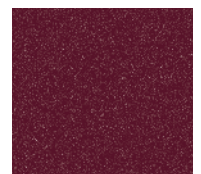
0518 Violet (gloss)



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



0848 Dark Purple (matt)



0516 Amethyst Quartz (quartz)



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



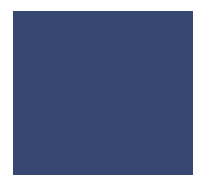
0846 Spring Green (matt)



0519 Pacific Blue (matt)

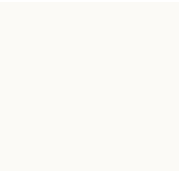


0520 Horizon Blue (gloss)

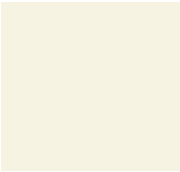


0555 Prussian Blue (gloss)

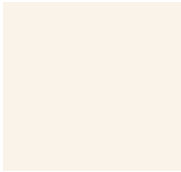
Natural



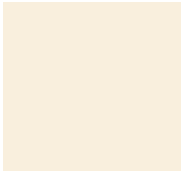
0067 Edelweiss
(matt)



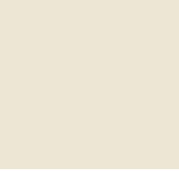
RAL 9001 Cream
(gloss)



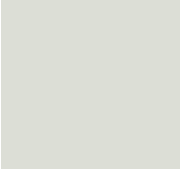
0081 Pergamon
(gloss)



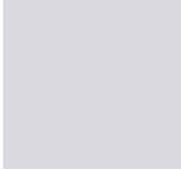
0072 Jasmine (matt)



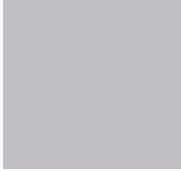
RAL 1013 Oyster White
(gloss)



RAL 9002 Grey White
(gloss)



0064 Chinchilla
(matt)



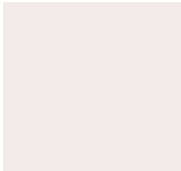
0077 Manhattan
(gloss)



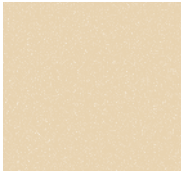
0035 Natura (gloss)



0054 Bahama (gloss)



0510 Petal (gloss)



0522 Sand Quartz
(quartz)



0523 Beige Quartz
(quartz)



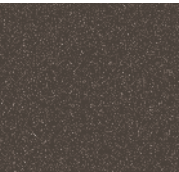
0511 Caramel Quartz
(quartz)



0512 Terracotta Quartz
(quartz)



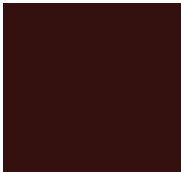
0514 Gold Look
(gloss)



0529 Brown Quartz
(quartz)

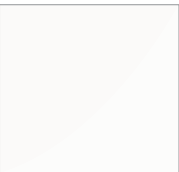


0847 Dark Brown
(matt)

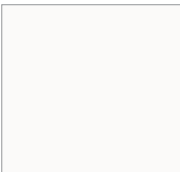


RAL 8017 Chocolate Brown
(gloss)

Standard



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



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

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

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 your local Zehnder stockist or Zehnder sales team.

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.

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