

# Zehnder Deline

Formerly the Bisque Deline



Stocked Items

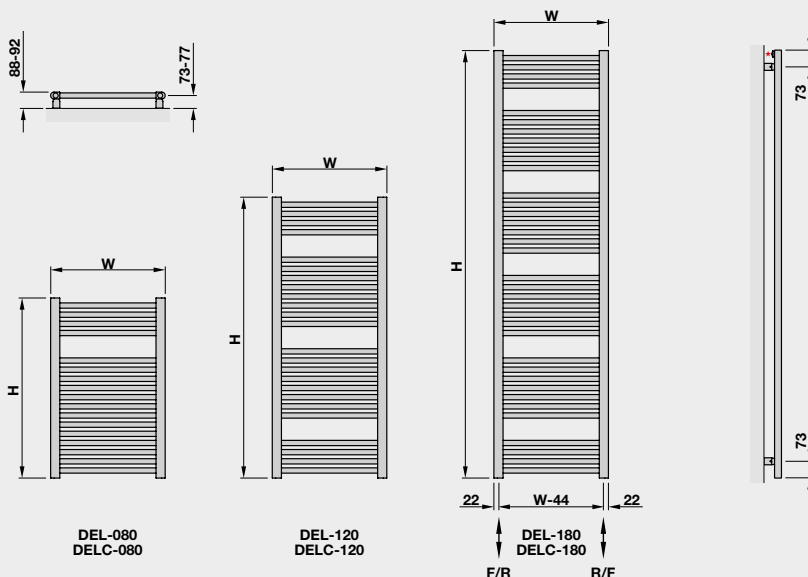
In stock items highlighted in black	Height mm	Width mm	Finish	Output $\Delta T=50^{\circ}C$ Watts/btu All outputs certified to EN 442	Dual Fuel Immersion Rating in Watts	RRP (ex VAT)	RRP (inc 20% VAT)
<b>DEL-080-050</b>	786	500	white*	379/1293	250	£180	£216.00
<b>DEL-080-060</b>	786	600	white*	448/1529	300	£193	£231.60
<b>DEL-120-050</b>	1226	500	white*	552/1883	300	£216	£259.20
<b>DEL-120-060</b>	1226	600	white*	648/2211	400	£235	£282.00
<b>DEL-180-050</b>	1866	500	white*	830/2832	500	£287	£344.40
<b>DEL-180-060</b>	1866	600	white*	978/3337	600	£312	£374.40
<b>DEL-080-050-0335</b>	786	500	titane	379/1293	250	£225	£270.00
<b>DEL-080-060-0335</b>	786	600	titane	448/1529	300	£241	£289.20
<b>DEL-120-050-0335</b>	1226	500	titane	552/1883	300	£270	£324.00
<b>DEL-120-060-0335</b>	1226	600	titane	648/2211	400	£294	£352.80
<b>DEL-180-050-0335</b>	1866	500	titane	830/2832	500	£359	£430.80
<b>DEL-180-060-0335</b>	1866	600	titane	978/3337	600	£390	£468.00
<b>DEL-080-050-0336</b>	786	500	volcanic	379/1293	250	£225	£270.00
<b>DEL-080-060-0336</b>	786	600	volcanic	448/1529	300	£241	£289.20
<b>DEL-120-050-0336</b>	1226	500	volcanic	552/1883	300	£270	£324.00
<b>DEL-120-060-0336</b>	1226	600	volcanic	648/2211	400	£294	£352.80
<b>DEL-180-050-0336</b>	1866	500	volcanic	830/2832	500	£359	£430.80
<b>DEL-180-060-0336</b>	1866	600	volcanic	978/3337	600	£390	£468.00
<b>DEL-080-050-0346</b>	786	500	anthracite	379/1293	250	£225	£270.00
<b>DEL-080-060-0346</b>	786	600	anthracite	448/1529	300	£241	£289.20
<b>DEL-120-050-0346</b>	1226	500	anthracite	552/1883	300	£270	£324.00
<b>DEL-120-060-0346</b>	1226	600	anthracite	648/2211	400	£294	£352.80
<b>DEL-180-050-0346</b>	1866	500	anthracite	830/2832	500	£359	£430.80
<b>DEL-180-060-0346</b>	1866	600	anthracite	978/3337	600	£390	£468.00
<b>DEL-080-050-0521</b>	786	500	white quartz	379/1293	250	£225	£270.00
<b>DEL-080-060-0521</b>	786	600	white quartz	448/1529	300	£241	£289.20
<b>DEL-120-050-0521</b>	1226	500	white quartz	552/1883	300	£270	£324.00
<b>DEL-120-060-0521</b>	1226	600	white quartz	648/2211	400	£294	£352.80
<b>DEL-180-050-0521</b>	1866	500	white quartz	830/2832	500	£359	£430.80
<b>DEL-180-060-0521</b>	1866	600	white quartz	978/3337	600	£390	£468.00
<b>DEL-080-050-0557</b>	786	500	matt black	379/1293	250	£225	£270.00
<b>DEL-080-060-0557</b>	786	600	matt black	448/1529	300	£241	£289.20
<b>DEL-120-050-0557</b>	1226	500	matt black	552/1883	300	£270	£324.00
<b>DEL-120-060-0557</b>	1226	600	matt black	648/2211	400	£294	£352.80
<b>DEL-180-050-0557</b>	1866	500	matt black	830/2832	500	£359	£430.80
<b>DEL-180-060-0557</b>	1866	600	matt black	978/3337	600	£390	£468.00
<b>DEL-080-050</b>	786	500	chrome	277/945	200	£376	£451.20
<b>DEL-080-060</b>	786	600	chrome	327/1116	200	£412	£494.40
<b>DEL-120-050</b>	1226	500	chrome	403/1375	250	£485	£582.00
<b>DEL-120-060</b>	1226	600	chrome	473/1614	300	£538	£645.60
<b>DEL-180-050</b>	1866	500	chrome	606/2068	400	£719	£862.80
<b>DEL-180-060</b>	1866	600	chrome	714/2436	500	£789	£946.80

\*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.

**Dual energy:** Self fit (additional cost to central heating model prices). For more information please scan the QR code on the following page.

\*1/2" air vent  
Width excludes air vent  
F = flow  
R = return  
H = height  
W = width  
Tube: Horizontal 30mm x 40mm D profile  
Tube: Vertical  $\varnothing 23$ mm  
All dimensions in mm



formerly the  
BISQUE DELINE

It's the considered details which make the **Deline** stand out from the crowd – discreet brackets, hidden air vents and a stock range of seven fabulous finishes which complement popular bathroom surfaces.



Zehnder recommends VALVE SET 28.




Discreet Airvent on the rear of the collector



For models in volcanic and matt black finish, manual valves sets 26, 27 & 28 are now available in a complementary finish.



The complete  compliant technical specifications can be viewed by scanning here.



# Zehnder Deline Electric

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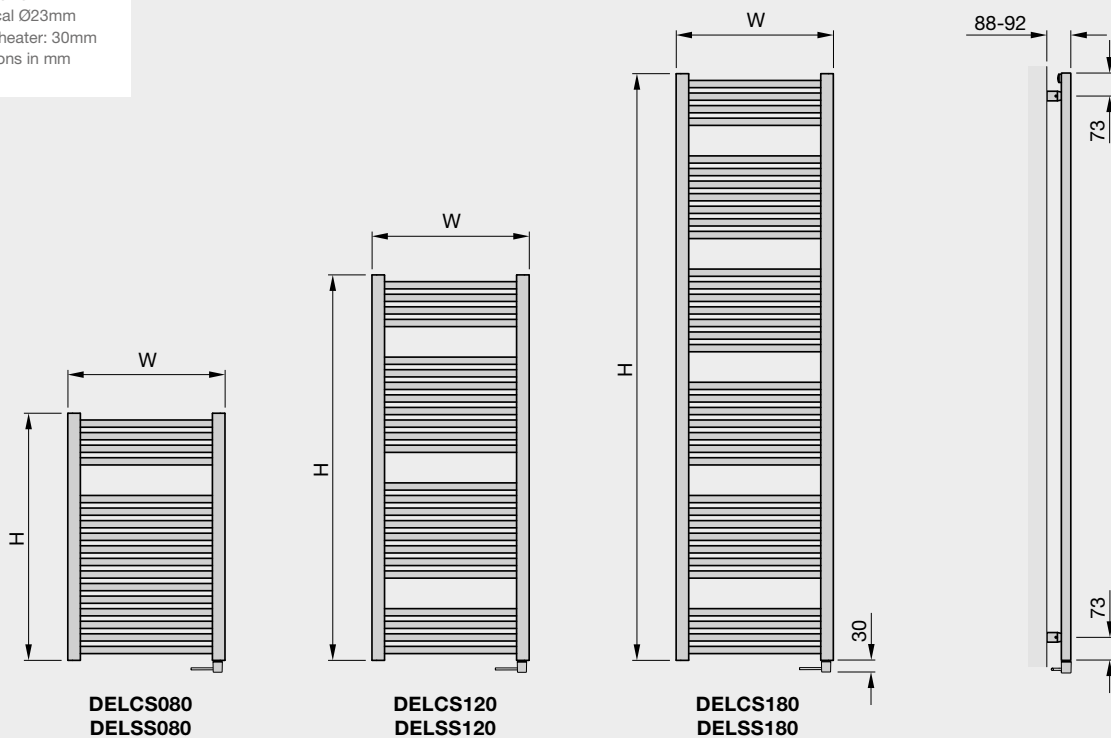
Stocked Items

In stock items highlighted in black	Height mm	Width mm	Finish	With factory fitted immersion heater, IPX4 Zone 1 Bath, Zone 2 Shower, Class II Electric Rating (Watts)	RRP (ex VAT)	RRP (inc 20% VAT)
<b>Zehnder Deline Electric</b>						
DELSS080050EAZK	786	500	white*	400	£292	£350.40
DELSS080060EAZK	786	600	white*	400	£314	£376.80
DELSS120050EAZK	1226	500	white*	500	£361	£433.20
DELSS120060EAZK	1226	600	white*	600	£399	£478.80
DELSS180050EAZK	1866	500	white*	600	£472	£566.40
DELSS180060EAZK	1866	600	white*	600	£515	£618.00
<b>DELCS080050EAZK</b>	<b>786</b>	<b>500</b>	<b>chrome</b>	<b>200</b>	<b>£509</b>	<b>£610.80</b>
<b>DELCS080060EAZK</b>	<b>786</b>	<b>600</b>	<b>chrome</b>	<b>200</b>	<b>£567</b>	<b>£680.40</b>
<b>DELCS120050EAZK</b>	<b>1226</b>	<b>500</b>	<b>chrome</b>	<b>400</b>	<b>£675</b>	<b>£810.00</b>
<b>DELCS120060EAZK</b>	<b>1226</b>	<b>600</b>	<b>chrome</b>	<b>400</b>	<b>£756</b>	<b>£907.20</b>
<b>DELCS180050EAZK</b>	<b>1866</b>	<b>500</b>	<b>chrome</b>	<b>500</b>	<b>£946</b>	<b>£1,135.20</b>
<b>DELCS180060EAZK</b>	<b>1866</b>	<b>600</b>	<b>chrome</b>	<b>600</b>	<b>£1,073</b>	<b>£1,287.60</b>

\*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.

H = height  
W = width  
Tube: Horizontal 30mm x 40mm D profile  
Tube: Vertical Ø23mm  
Immersion heater: 30mm  
All dimensions in mm



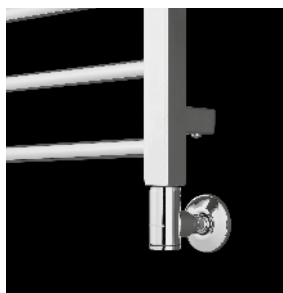
formerly the  
BISQUE DELINE ELECTRIC

It's the considered details which make the **Deline Electric** stand out from the crowd. With plenty of hanging space and available in White or Chrome this Deline Electric towel rail is supplied with a non-adjustable thermostat in white or chrome to complement the radiator.



#### Electric models


Rails supplied as standard with non-adjustable thermostat in chrome. Please allow 100 mm beneath the radiator for the flex.



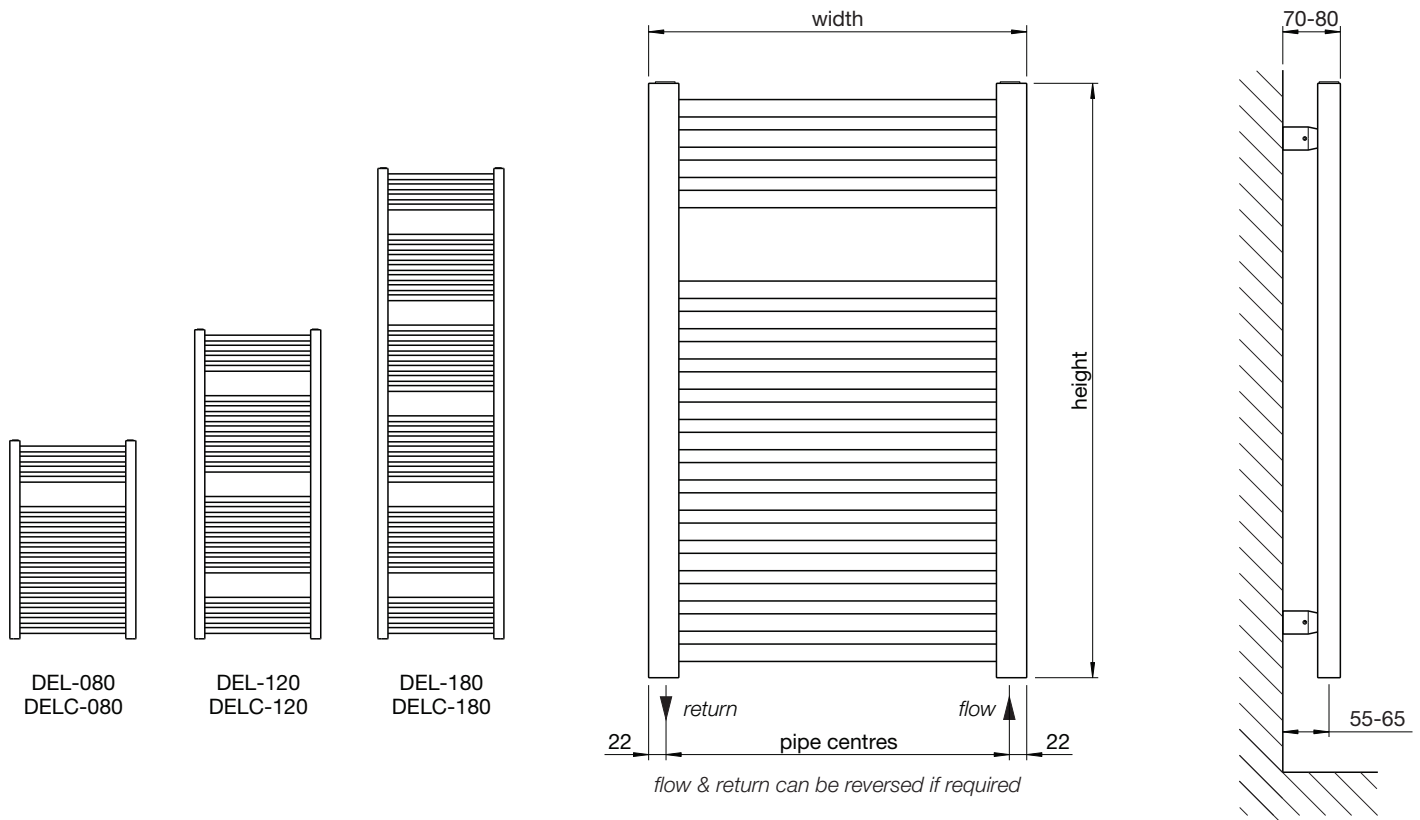
#### Cable Cover SHEC

(optional extra) This neat chrome cover hides the cable attached to the heater. Now available in matt black.



The complete  compliant technical specifications can be viewed by scanning here.





All dimensions shown are in millimetres

Test pressure: **14.9 BAR**  
 Max working pressure: **11.5 BAR**  
 Max working temperature: **90° C**  
 All steel construction: **dia 23mm x 1mm tubes**  
**30x40mm D-shaped headers**  
 Connections: **½ inch BSP underside tapings**

For optional **Supplementary Heater** see separate sheet as fitting this will affect pipe centres. Please check before drilling.

**Not suitable for use on domestic hot water system**

Heat output determined in accordance with EN 442  
 Test Laboratory:

Model	Height ± 2mm	Width ± 1.5%	Finish	Output ΔT=50K		Output ΔT=30K		n	Weight kg	Water Content litres
				Watts	Btu	Watts	Btu			
DEL-080-050	786	500	painted	379	1293	199	679	1.26	6	3.9
DEL-120-050	1226	500	painted	552	1883	288	983	1.27	9	5.7
DEL-180-050	1866	500	painted	830	2832	437	1491	1.26	14	8.7
DEL-080-060	786	600	painted	448	1529	235	802	1.26	7	4.6
DEL-120-060	1226	600	painted	648	2211	340	1160	1.26	10	6.6
DEL-180-060	1866	600	painted	978	3337	516	1761	1.25	16	9.9
DEL-080-050	786	500	chrome	277	945	145	495	1.26	6	3.9
DEL-120-050	1226	500	chrome	403	1375	210	717	1.27	9	5.7
DEL-180-050	1866	500	chrome	606	2068	319	1088	1.26	14	8.7
DEL-080-060	786	600	chrome	327	1116	172	587	1.26	7	4.6
DEL-120-060	1226	600	chrome	473	1614	248	846	1.26	10	6.6
DEL-180-060	1866	600	chrome	714	2436	377	1286	1.25	16	9.9

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## Tools & Material Required

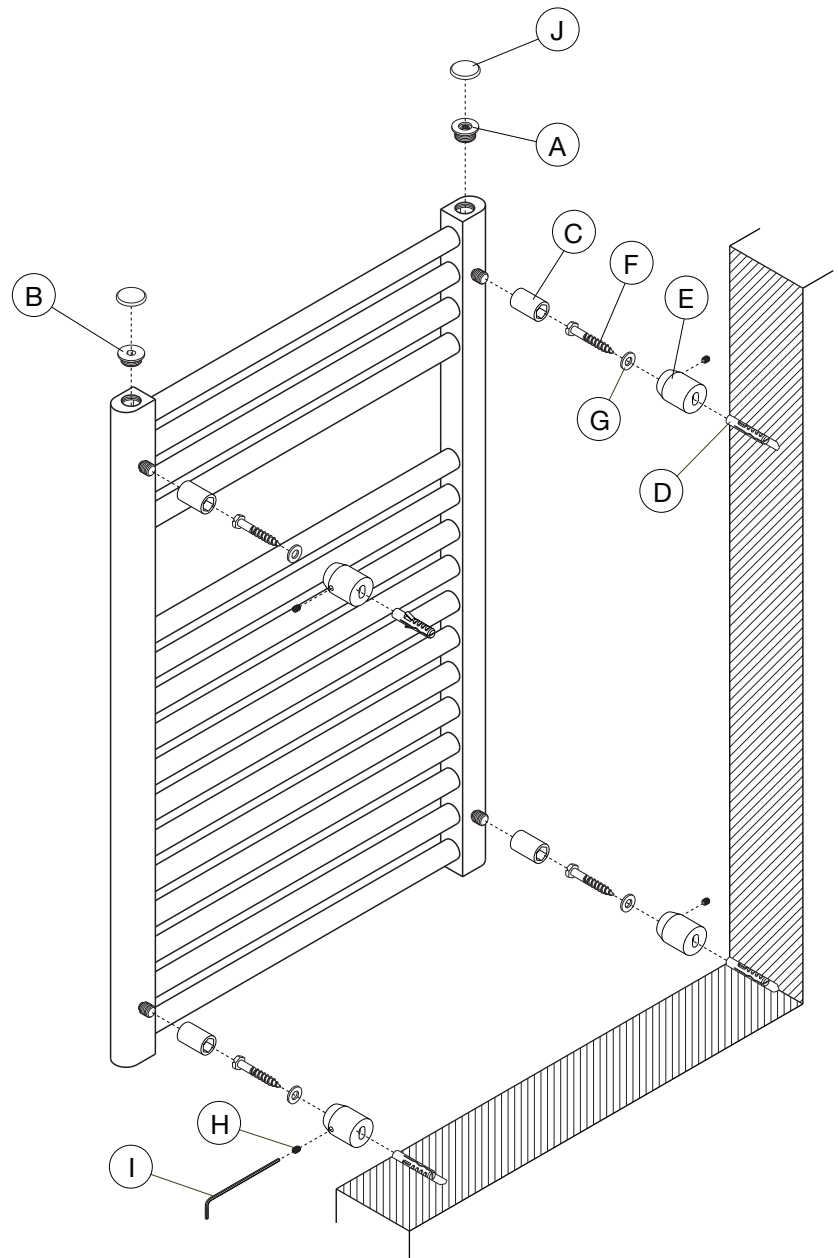
Suitable valves  
PTFE tape  
Silicone thread sealant  
Tape measure  
Allen key - 13mm & 12mm (when installing Zehnder valves)  
Spanner - 13mm & 14mm  
Screwdriver - crosshead & flathead  
Pliers  
Electric drill  
Masonry drill bit  
Spirit level  
Stepladder (for taller radiators)

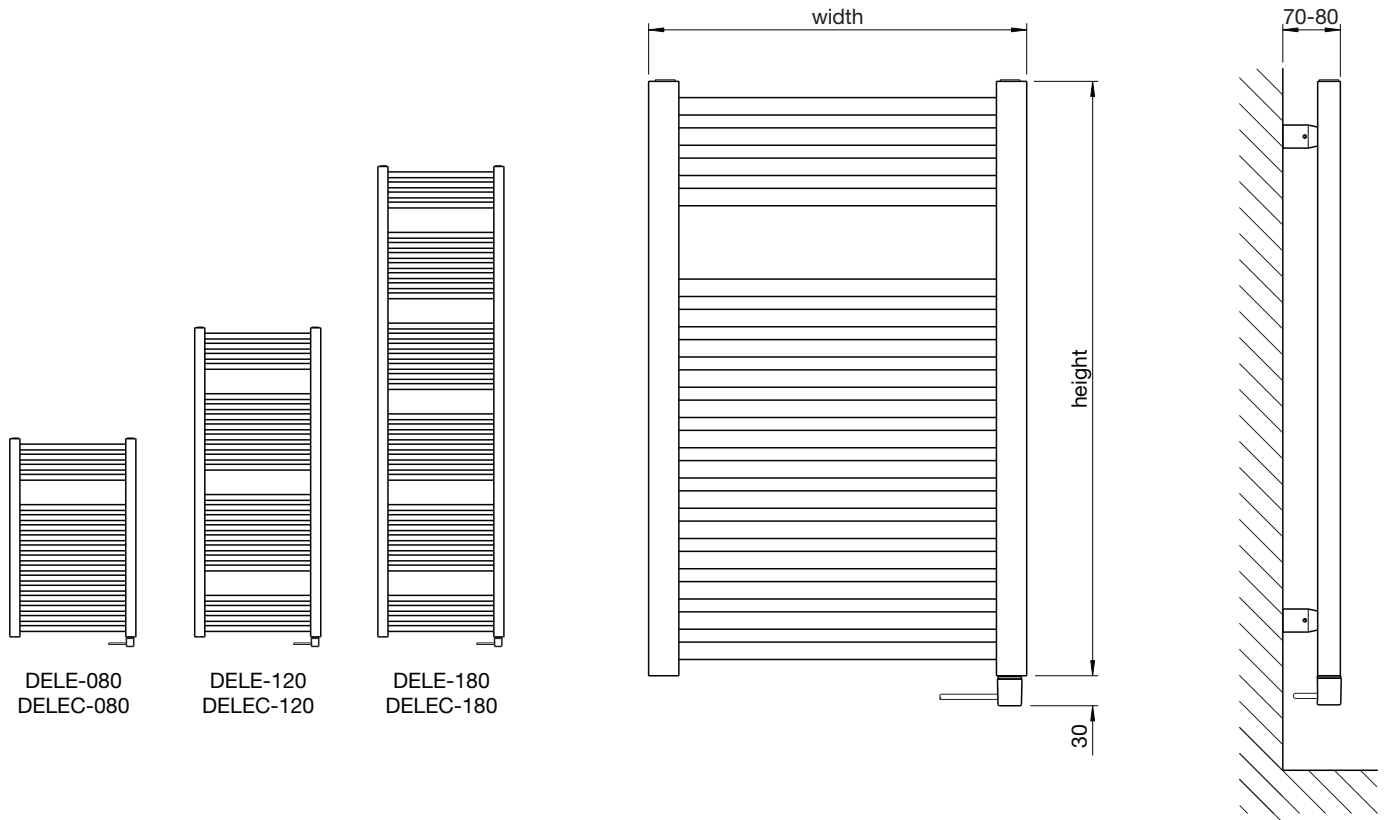
Key	Component	Qty
A	Air Vent - 1/2"	1
B	Blanking Plug	1
C	Boss	4
D	Wall Plug	4
E	Bracket	4
F	Screw, 6mm dia x 50mm	4
G	Washer	4
H	Grub Screw	4
I	Allen Key	1
J	Cover Cap	2

## Assembly Instructions

Sufficient PTFE tape must be applied to valve-tail threads prior to their installation.  
Silicone thread sealant should be applied to all threaded components manufactured with 'O-rings'.

- Fit valve tails, using correct size Allen key.
  - Fit air vent (A), blanking plug (B) & cover caps (J).
  - Screw bosses (C) to studs on the back of the radiator.
  - Accurately mark out bracket holes on wall using spirit level.
  - Drill four holes to a minimum depth of 65mm & insert wall plugs (D).
  - Attach brackets (E) to wall with screws (F) & washers (G).
  - Hang radiator onto wall by inserting bosses (C) into brackets (E).
  - Tighten grub screws (H) with Allen key (I).
  - Plumb radiator to heating circuit with flow opposite air vent.
  - Air vent is recessed so flathead screwdriver must be used to vent radiator.
- This radiator should be installed onto a central heating system that has been cleaned/flushed and contains water treatment and inhibitors in accordance with BS7593.





All dimensions shown are in millimetres

All steel construction: **dia 23mm x 1mm tubes**  
**30x40mm D-shaped headers**

Connections: **1.2m long flying lead (3 core)**

Immersion heater rating: **IPX4 or better**

Model	Height ± 2mm	Width ± 1.5%	Finish	Output Watts	Weight kg
DELE-080-050/F	786	500	painted	400	6
DELE-120-050/F	1226	500	painted	500	9
DELE-180-050/F	1866	500	painted	600	14
DELE-080-060/F	786	600	painted	400	7
DELE-120-060/F	1226	600	painted	600	10
DELE-180-060/F	1866	600	painted	600	16
DELEC-080-050/F	786	500	chrome	200	6
DELEC-120-050/F	1226	500	chrome	400	9
DELEC-180-050/F	1866	500	chrome	500	14
DELEC-080-060/F	786	600	chrome	200	7
DELEC-120-060/F	1226	600	chrome	400	10
DELEC-180-060/F	1866	600	chrome	600	16

Issue 1.0





## Tools & Material Required

Tape measure  
Screwdriver - crosshead  
Pliers  
Electric drill  
Masonry drill bit  
Spirit level  
Stepladder (for taller radiators)

Key	Component	Qty
A	Boss	4
B	Wall Plug	4
C	Bracket	4
D	Screw, 6mm dia x 50mm	4
E	Washer	4
F	Grub Screw	4
G	Allen Key	1

## Assembly Instructions

- Screw bosses (A) to studs on the back of the radiator.
- Accurately mark out bracket holes on wall using spirit level, to dimensions as shown on Technical Data Sheet.
- Drill four holes to a minimum depth of 65mm & insert wall plugs (B).
- Attach brackets (C) to wall with screws (D) & washers (E).
- Hang radiator onto wall by inserting bosses (A) into brackets (C).
- Tighten grub screws (F) with Allen key (G).

Electric radiators should be fitted only by a qualified electrician and must be earthed and connected to a cable outlet in the bathroom in accordance with I.E.E. wiring regulations. The electrical connection should be made to a '5 amp fused fixed spur' located outside the bathroom.

*Note: for maintenance purposes, cable outlets must remain accessible and cables must not be buried directly into walls.*

