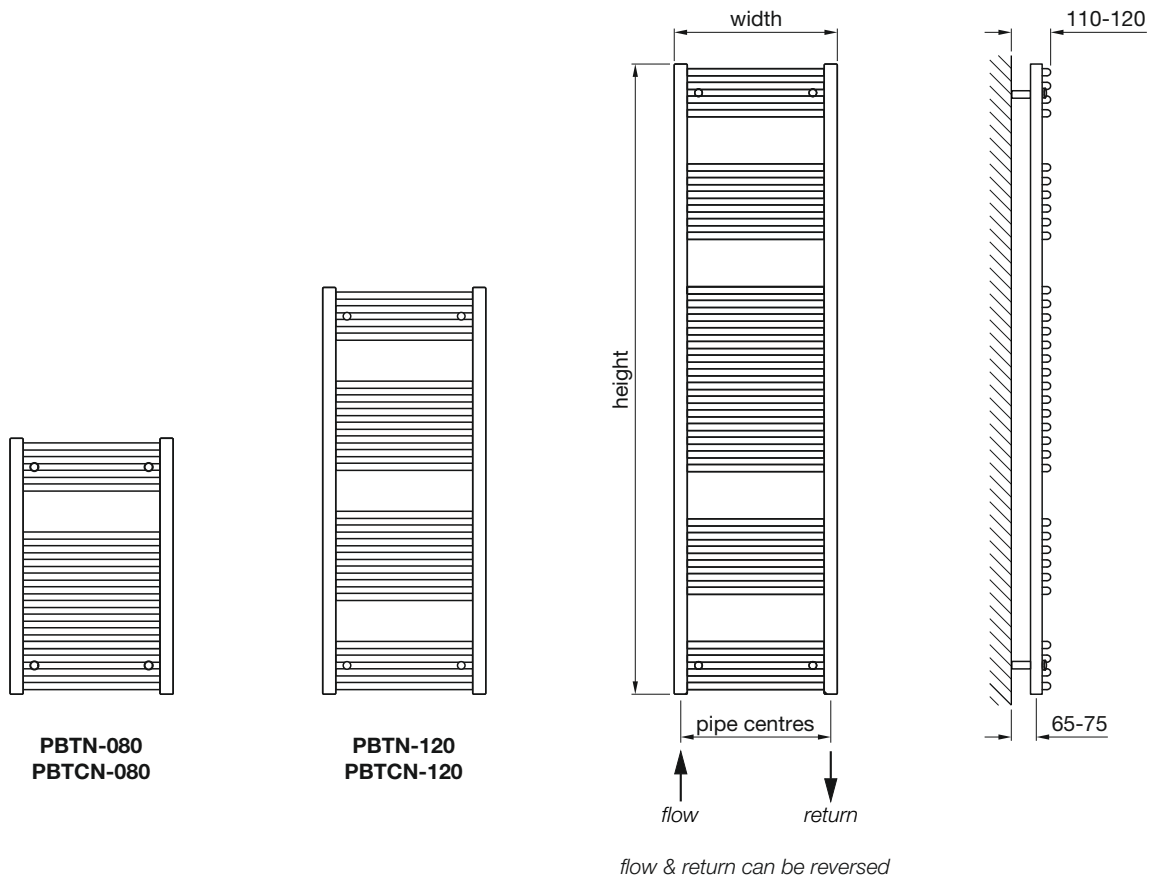




All dimensions shown are in millimetres

Test pressure: **13 BAR**
 Max working pressure: **10 BAR**
 Max working temperature: **120° C**
 All steel construction: **dia 22mm horizontal tubes**
D profile 30mm x 40mm headers
 Connections: **½ inch BSP underside tappings**

Not suitable for use on domestic hot water system

Heat output determined in accordance with EN 442
 Test Laboratory: WSP-LAB, Test Lab Registration No: 1428

* rating for simple immersion/CTEC or CTEW in Watts

Model	Height ± 2mm	Width ± 2mm	Finish	Pipe Centres ± 2mm	Output ΔT=50K		Output ΔT=30K		n	Weight kg	Water Content litres	Max. Immersion Rating*
					Watts	Btu	Watts	Btu				
PBTN-080-050	775	494	painted	444	358	1221	194	662	1.20	5.7	3.6	250/200
PBTN-080-060	775	595	painted	545	418	1426	228	777	1.19	6.5	4.1	300
PBTN-120-050	1217	494	painted	444	512	1747	273	932	1.23	8.1	5.2	300
PBTN-120-060	1217	595	painted	545	598	2040	319	1089	1.23	9.2	5.9	400
PBTN-180-050	1856	494	painted	444	788	2689	418	1427	1.24	12.1	8.0	500/400
PBTN-180-060	1856	595	painted	545	925	3156	491	1675	1.24	13.7	9.1	600
PBTCN-080-050	775	494	chrome	444	230	785	125	425	1.20	5.7	3.6	150/120
PBTCN-080-060	775	595	chrome	545	271	925	148	503	1.19	6.5	4.1	200
PBTCN-120-050	1217	494	chrome	444	330	1126	176	601	1.23	8.1	5.2	200
PBTCN-120-060	1217	595	chrome	545	390	1331	208	710	1.23	9.2	5.9	250/200
PBTCN-180-050	1856	494	chrome	444	513	1750	272	929	1.24	12.1	8.0	300
PBTCN-180-060	1856	595	chrome	545	607	2071	322	1099	1.24	13.7	9.1	400

Issue 1.0

Tools & Material Required

Suitable valves
PTFE tape
Silicone thread sealant
Tape measure
Allen key - 13mm & 12mm (when installing Zehnder valves)
Electric drill
Masonry drill bit - 10mm diameter
Spirit level
Stepladder (for taller radiators)

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

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).

Accurately mark out bracket holes on wall using spirit level.

Drill four 10mm diameter holes to a minimum depth of 65mm & insert wall plugs (C).

Screw brackets (D) into wall plugs (C) with screws (E) & washers (F).

Loosely fit inner clamps (G) and outer clamps (H) to rungs of radiator using countersunk screws (I).

Offer radiator up to wall and slide inner clamps (G) into brackets (D).

Adjust radiator to desired projection from wall and secure in position by tightening grub screws (K) with allen key (L).

Push cover caps (J) into outer clamps (H).

Plumb radiator to heating circuit with flow opposite air vent.

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.

