

### 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 six 8mm diameter holes to a minimum depth of 65mm & insert wall plugs (C).

Screw brackets (D & E) into wall plugs (C) with 5mm diameter x 60mm screws (F).

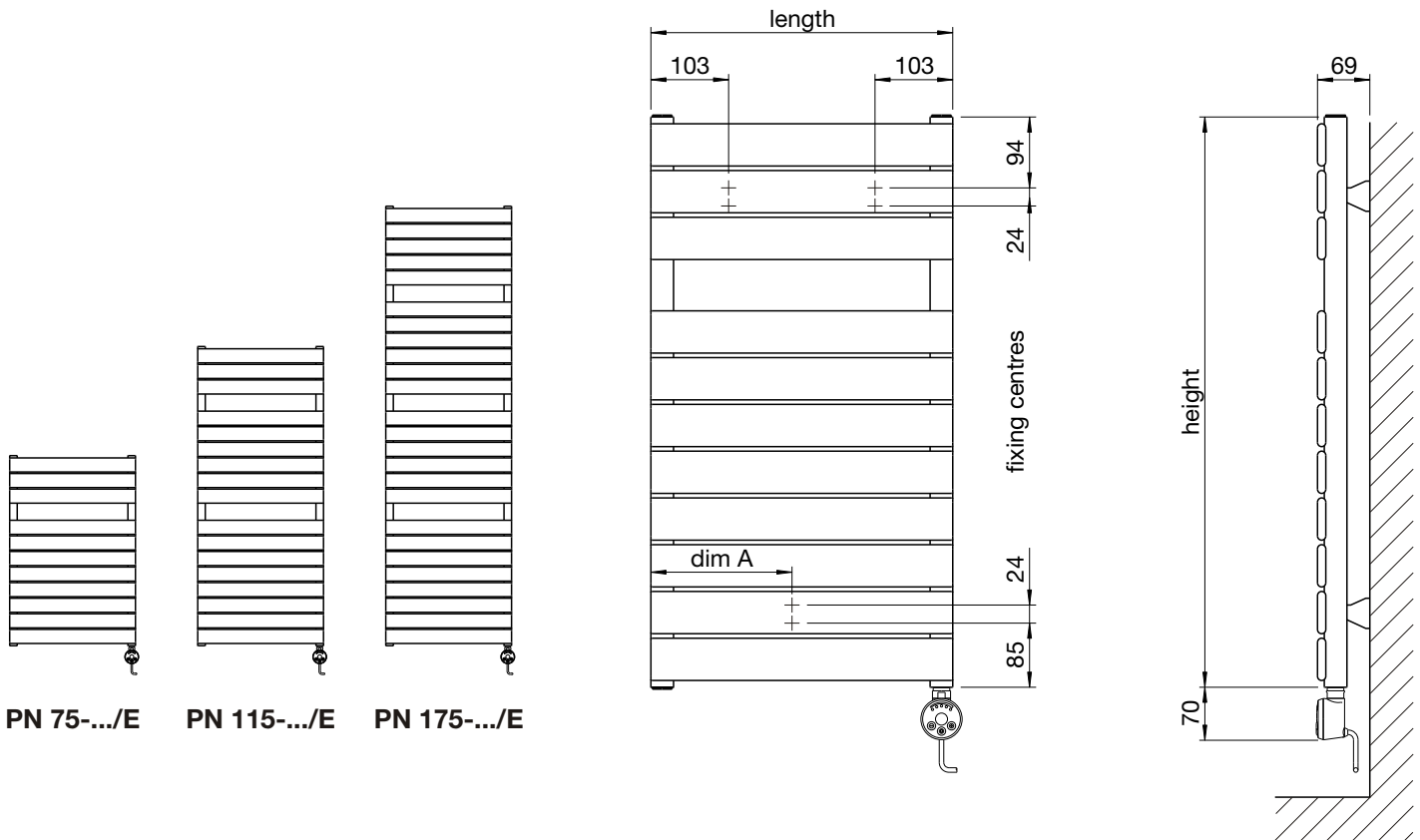
Hang radiator onto brackets (D & E).

Plumb radiator to heating circuit with flow opposite air vent.

### Tools & Material Required

Suitable valves  
 PTFE tape  
 Silicone thread sealant  
 Tape measure  
 Allen key - 12mm (when installing Chatsworth valves)  
 Adjustable spanner  
 Screwdriver - crosshead  
 Electric drill  
 Masonry drill bit - 8mm diameter  
 Spirit level  
 Stepladder (for taller radiators)

Key	Component	Qty
A	Air Vent - 1/2"	1
B	Blanking Plug	1
C	Wall Plug	6
D	Bracket - LH	1
E	Bracket - RH	2
F	Screw - Csk Head, 5mm dia x 60mm	6
G	Air Vent Key	1



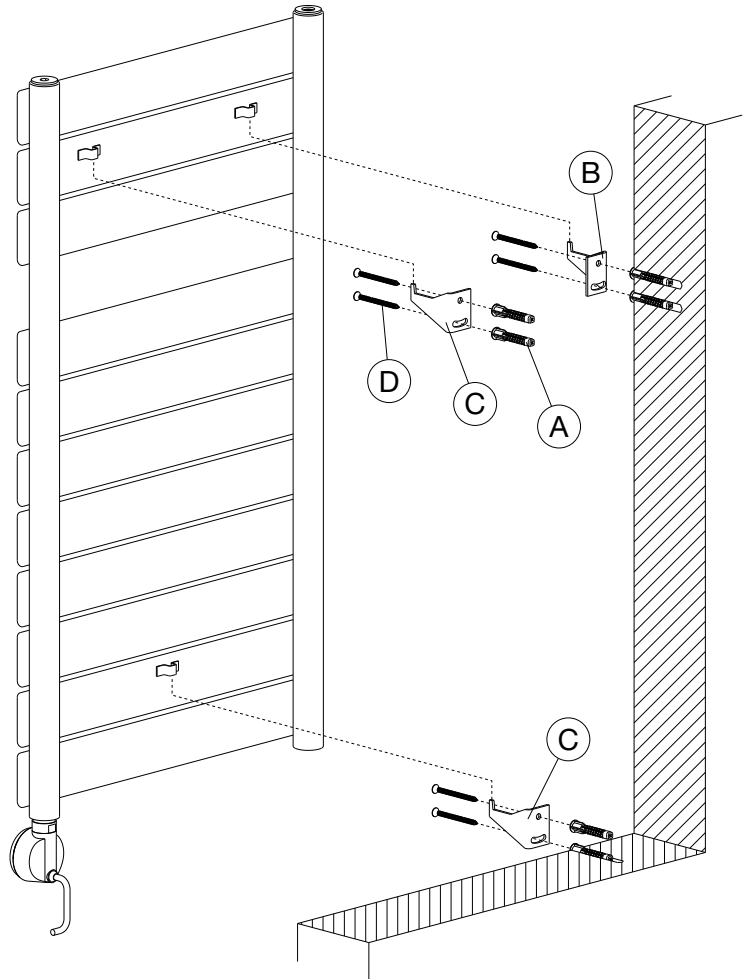
All dimensions shown are in millimetres

All steel construction: **dia 30mm x 1.5mm headers**  
**11mm x 56 x 1.5mm ribs**

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

Immersion heater rating: **IPX4 or better**

Model	Output		Weight kg	Height ± 2mm	Length ± 2mm	dim A ± 2mm
	Watts	BTU				
PN 75-40/E	300	1023	15	756	400	187
PN 115-40/E	600	2046	23	1190	400	187
PN 175-40/E	600	2046	34	1748	400	187
PN 75-50/E	600	2046	18	756	500	237
PN 115-50/E	600	2046	28	1190	500	237
PN 175-50/E	1000	3410	42	1748	500	237



**Assembly Instructions**

Accurately mark out bracket holes on wall using spirit level.

Drill six 8mm diameter holes to a minimum depth of 65mm & insert wall plugs (A).

Screw brackets (B & C) into wall plugs (A) with 5mm diameter x 60mm screws (D).

Hang radiator onto brackets (B & C).

Key	Component	Qty
A	Wall Plug	6
B	Bracket - LH	1
C	Bracket - RH	2
D	Screw - Csk Head, 5mm dia x 60mm	6