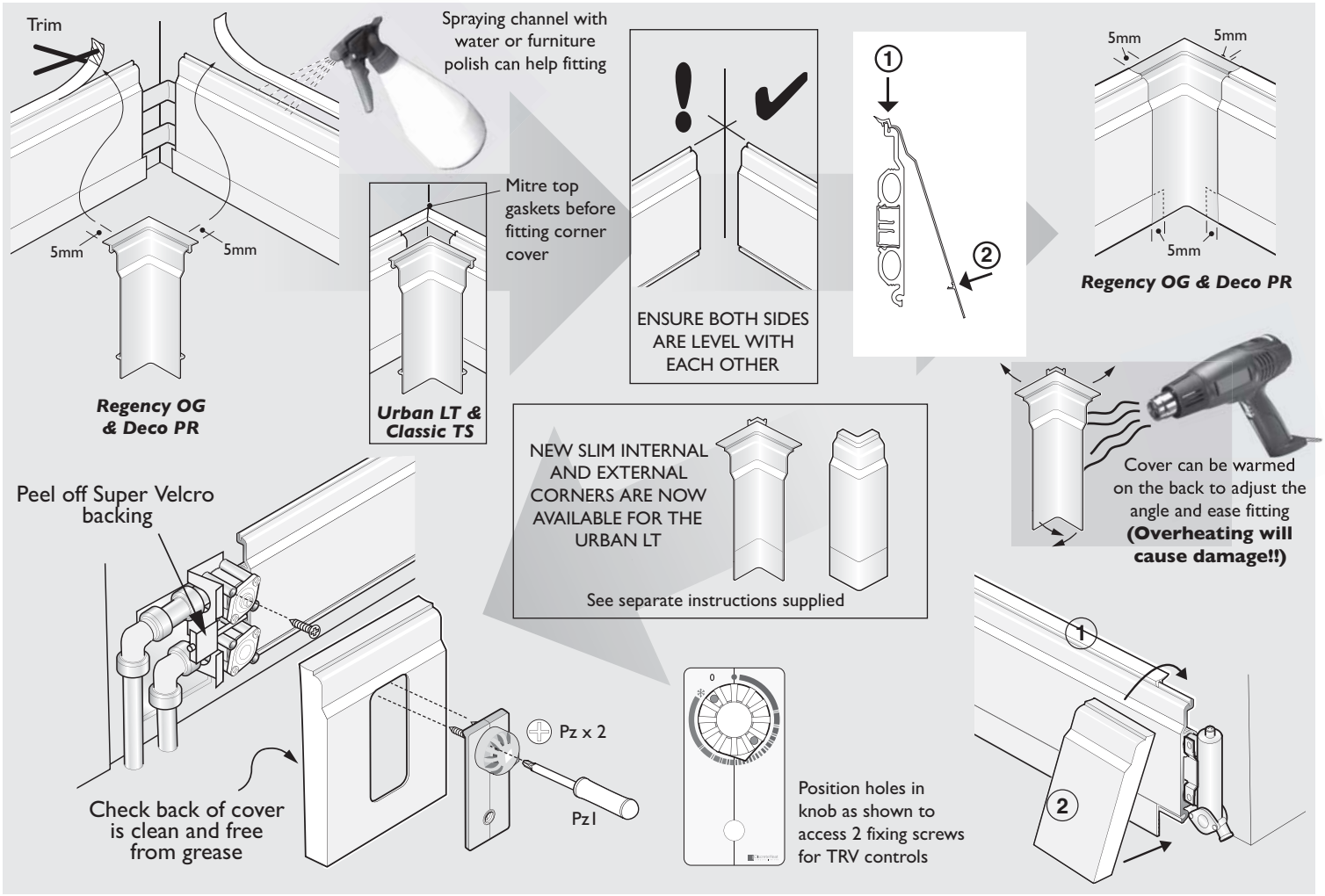
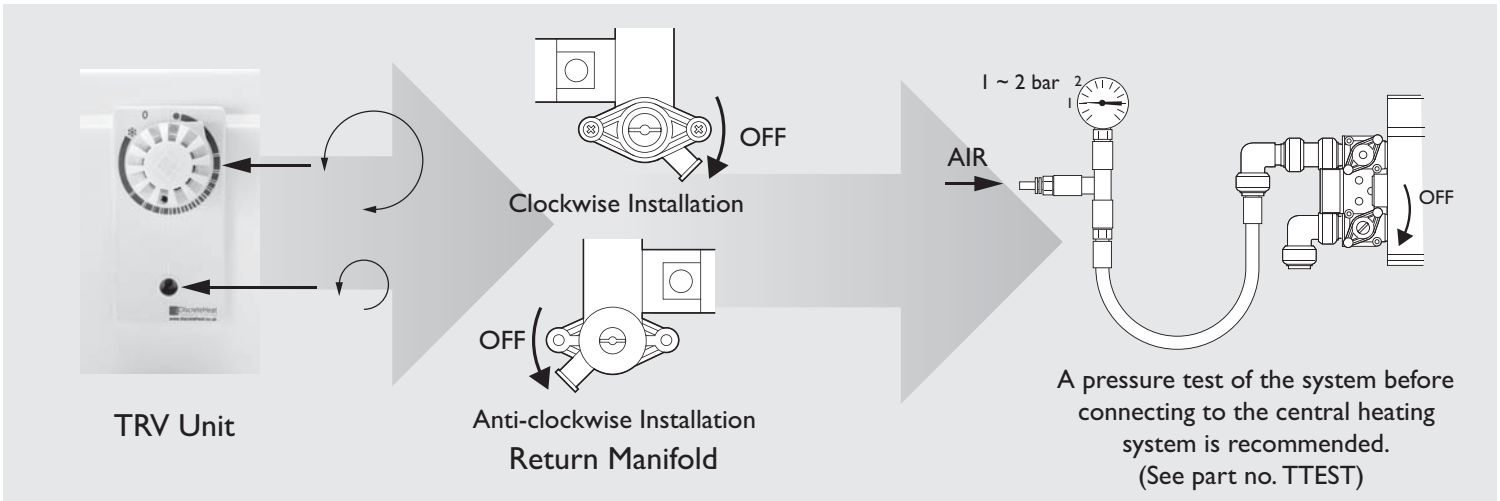
5. CORNERS AND COVERS



6. FINAL CHECKS



TECHNICAL SPECIFICATION

Material	*Output (per M @ dT50°C) BTU / W*	*Feed & Return Pipe*	*Weight Kg per m*	*Capacity Litres per m*	*Corrosion Resistance*	*Min. Flow Rate*	*Surface Finish*	*Complies with*	*Recommended Max. Operating Temp.*
Unique Polymer & Aluminium Alloy	LT > 500BTU / 150W OG > 700BTU / 210W PR > 450BTU / 135W	15mm 16mm to order	1.4kg LT 1.7kg OG 1.2kg PR	0.5 l/m	Excellent See Section 7 'Running your system'	10 c.c. per sec 0.6 litre/min	Epoxy Powder to BS-EN 12206-1	BS-EN 442	≤80°C

7. RUNNING YOUR SYSTEM

Run the system at fully open, maximum temperature for 1 hour, to expel any air in the system. Release any air that may be trapped at appropriate radiator bleed points and return manifold bleed point. Turn off TRV/flow manifold and allow to cool. Set to desired room setting and run normally.
NOTE: DiscreteHeat recommend flushing the system with ThermaSkirt Cleanser TS3 or alternatively Scalemaster SM3 (check dosage carefully) and running with ThermaSkirt corrosion inhibitor TS5 or alternatively Scalemaster SM1 (check dosage carefully) to ensure maximum longevity and reliability. Hard water areas may require additional precautions. Chemically softened water must NOT be used. This is a standard precaution for ALL wet heating systems. Contact DiscreteHeat for specific application advice.

8. TROUBLE SHOOTING

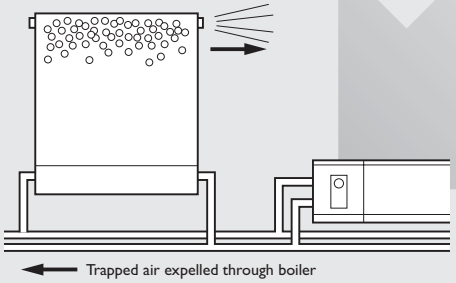
PROBLEM	CAUSE	SOLUTION
Leak at joint.	Faulty / incorrect installation.	Drain and replace fitting or 'O" ring from spares kit.
ThermaSkirt not hot.	Check boiler. Lockshield valve closed. TRV valve closed / off. Air trapped in pipework.	Is heating 'ON' and pressure OK? Open Lockshield valve ( ). Open TRV valve ( ). See 9 below.
Water from return manifold	Manifold not closed fully.	Turn to 'OFF' position.
Noise - ticks & clicks when heat on	Connectors & fittings rubbing on wall.	Relieve plasterwork at Feed & Return and/or corner fittings.
Sudden 'bangs'	ThermaSkirt length(s) cut too long, expanding and jumping off the bracket. Internal corners clipped both sides.	Check lengths & refit if necessary. Check & remove/unclip unecessary clip.

9. BLEEDING YOUR SYSTEM

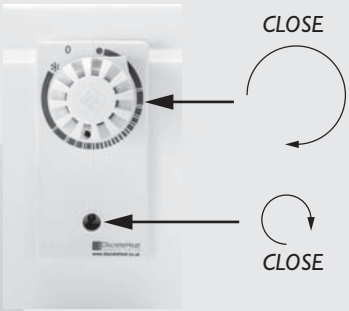
As ThermaSkirt® acts like a pipe, in normal operation air does not get trapped. However, on existing systems, to which ThermaSkirt® is added, air may get trapped in the existing pipework to and from the skirting.
Follow these simple steps if you discover cold sections of the ThermaSkirt® which do not heat up.

1. System with ThermaSkirt® & Conventional Radiators.

Turn off all radiators and ThermaSkirt® thermostatic and lockshield valves.
Make sure your system is fully pressurised and the pump is set to max.
Run the system for a few minutes, and, starting from the lowest point in the house, open each radiator/ThermaSkirt® system, one at a time.
Run for a further 2 minutes (approx) , close again and move to the next ThermaSkirt® or radiator, moving upwards in the house.
Any air will be expelled through the boiler or trapped in a conventional radiator. Bleed the radiator as normal.



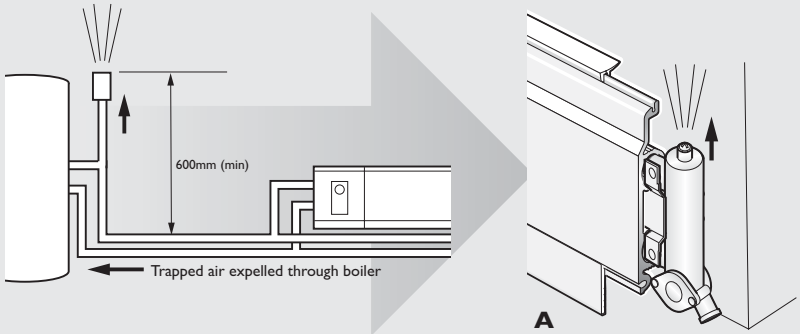
Existing System with Conventional Radiators



TRV Unit

2. New Installation with ThermaSkirt® Only.

On installation, in a convenient place at the highest point of the system, 'T' off into a vertical leg 600mm high and install an automatic/manual air vent.
Following the procedure above, close and open each ThermaSkirt® system in turn.
Any air forced round the system will be expelled through the boiler or through the air vent.
Air can also be bled from the bleed screw on top of the return manifold (**A**).



New Installation with ThermaSkirt® Only