Installation Guide

Connecting Danfoss Composite Pipes to FHF Manifold

1 Connecting Danfoss Composite Pipes to FHF Manifold

Fig. 1: Before connecting the heating circuit to manifold cleanly cut off FH composite pipe in the correct length.

Fig. 2: Centre pipe and bevel with bevelling tool - 2 mm all round bevel on inner pipe.

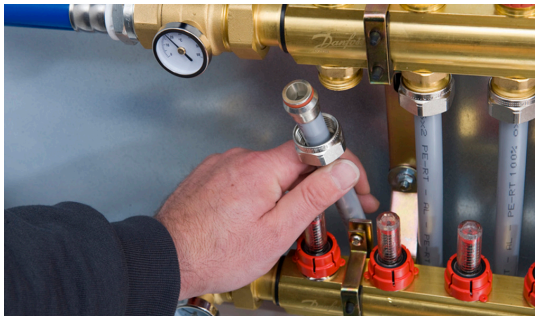

Fig. 3: Slip compression fitting nut over FH composite pipe and push down fitting insert (Eurocone) until it meets end stops.

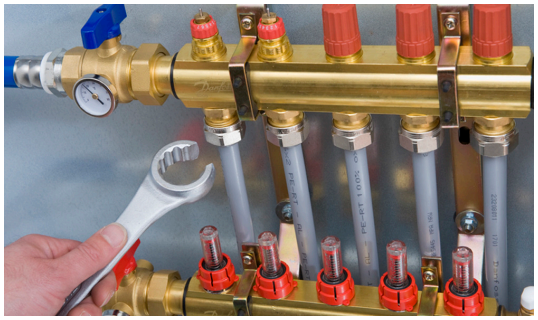

Fig. 4: Tighten compression fitting nut with a 30 mm open ended spanner.

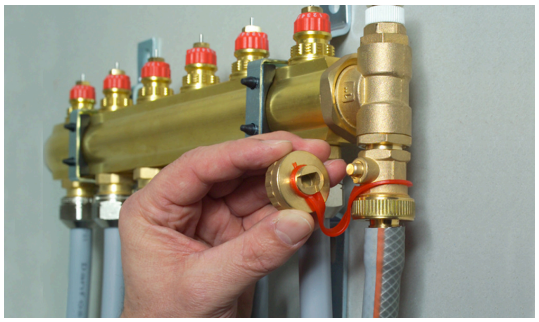

Fig. 5: Shut off main supply and return ball valves. Heating circuits are individually flushed via fill and drain valves mounted on respectively supply and return manifold.

Fig. 6: Label the individual heating circuits. Carry out pressure test in accordance with the pressure test protocol.

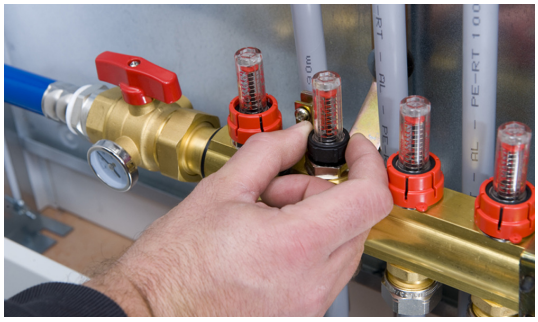

Fig. 7: Open ball valves and all flow meters completely.

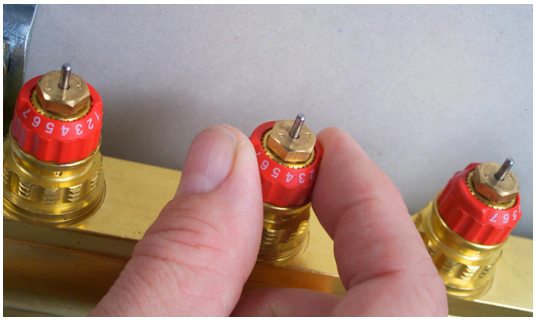

Fig. 8: Preset manifold valve for each heating circuit according to calculations and manifold data sheet.

Fig. 9: Fix actuator to valve with a 2 mm Allen key and connect actuator and room thermostats via wiring centre or master controller.

Fig. 10: Finally, fit cabinet door.

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