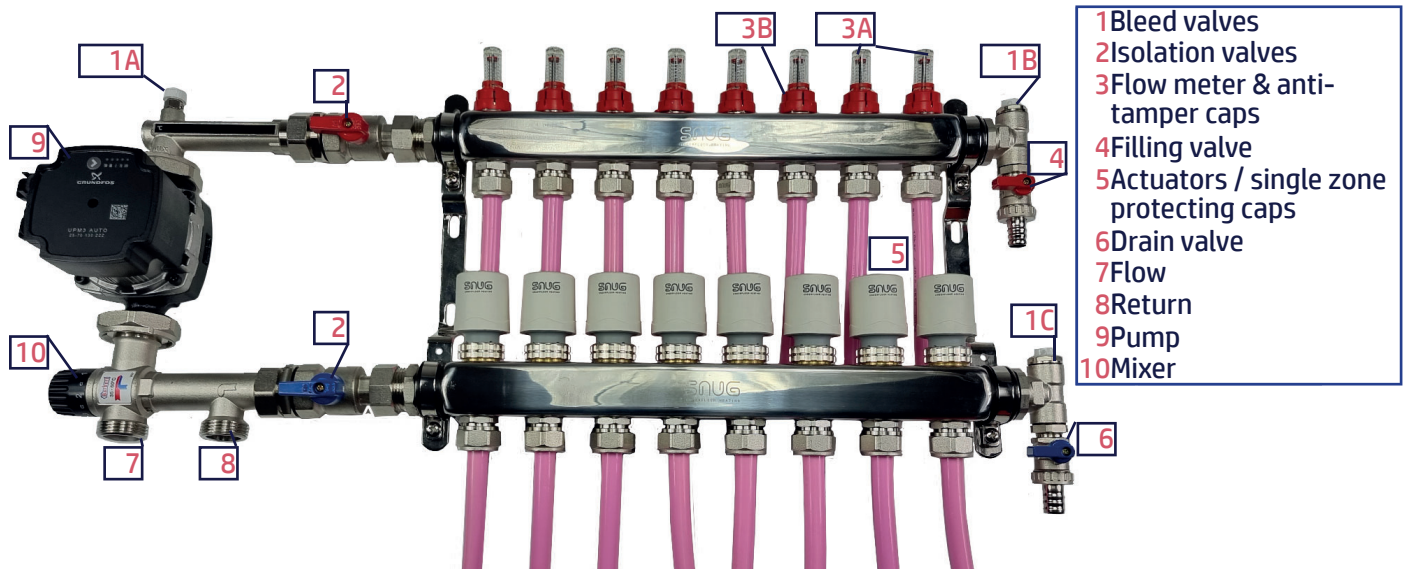


COMMISSIONING GUIDE SNUG MANIFOLD

SNUG
UNDERFLOOR HEATING



- 1 Bleed valves
- 2 Isolation valves
- 3 Flow meter & anti-tamper caps
- 4 Filling valve
- 5 Actuators / single zone protecting caps
- 6 Drain valve
- 7 Flow
- 8 Return
- 9 Pump
- 10 Mixer

- 1 Close both isolation valves.
- 2 Manually open the two port valve using the manual override switch located on the side of the valve.
- 3 Open the bleed valve above the pump. (1A)
- 4 Turn on the boiler filling tap. Once all the air has been evacuated, close the bleed valve above the pump and turn off the boiler filling tap, release the two port valve override switch.
- 5 Remove the red anti-tamper cover on the flow meters. (3B)
- 6 Close all the flow meters (Rotate the black collar clockwise until fully closed, do not twist the glass). (3A)
- 7 Ensure all actuators or protective caps are attached and closed. (5)
- 8 Attach a hose pipe to the filling valve and connect the other end to a mains pressure tap, open the valve. (4)
- 9 Attach a second hose pipe to the drain valve, this should empty into a drain/bucket, open the valve. (6)
- 10 Now fully open the tap.
- 11 Slowly open the air vent located above the filling valve to evacuate the air. Once fully evacuated, close the valve. (1B)
- 12 Fully open the first flow meter, rotating anti-clockwise, remove the corresponding actuator / protective cap.
- 13 Run the water through the loop until all the air is expelled from the pipe. This will take approximately 5 minutes. Clear even flow must be achieved through the drain hose pipe.
- 14 Reattach the actuator / protective cap and then fully close the flow meter.
- 15 Repeat steps 12 to 14 until each loop has been filled.
- 16 Open all the flow meters and remove all the actuators / protective caps, to allow any air that may still be trapped to escape.
- 17 Close the drain valve (6). Slowly open the air vent located above the drain valve to evacuate the air. Once bled close the valve. (1C)
- 18 Slowly open the air vent located above the filling valve to evacuate the air. Once complete, close the valve. (1B)
- 19 Reattach the actuators / protective caps, close the filling valve and flow meters, open the isolation valves.
- 20 Make all the controllers call for heat.
Note: There is a 3 minute delay on the pump operating to allow time for the actuators to open.
- 21 Ensure the pump is set to proportional pressure. Hold the button on the pump down for 5 seconds until the display flashes, tab through until this image is displayed.
- 22 Adjust the flow meters to the designed specification, this can be found on the design and the system summary sheet with your order.

For additional help, call 01772 761333 and speak to a member of our friendly technical team.