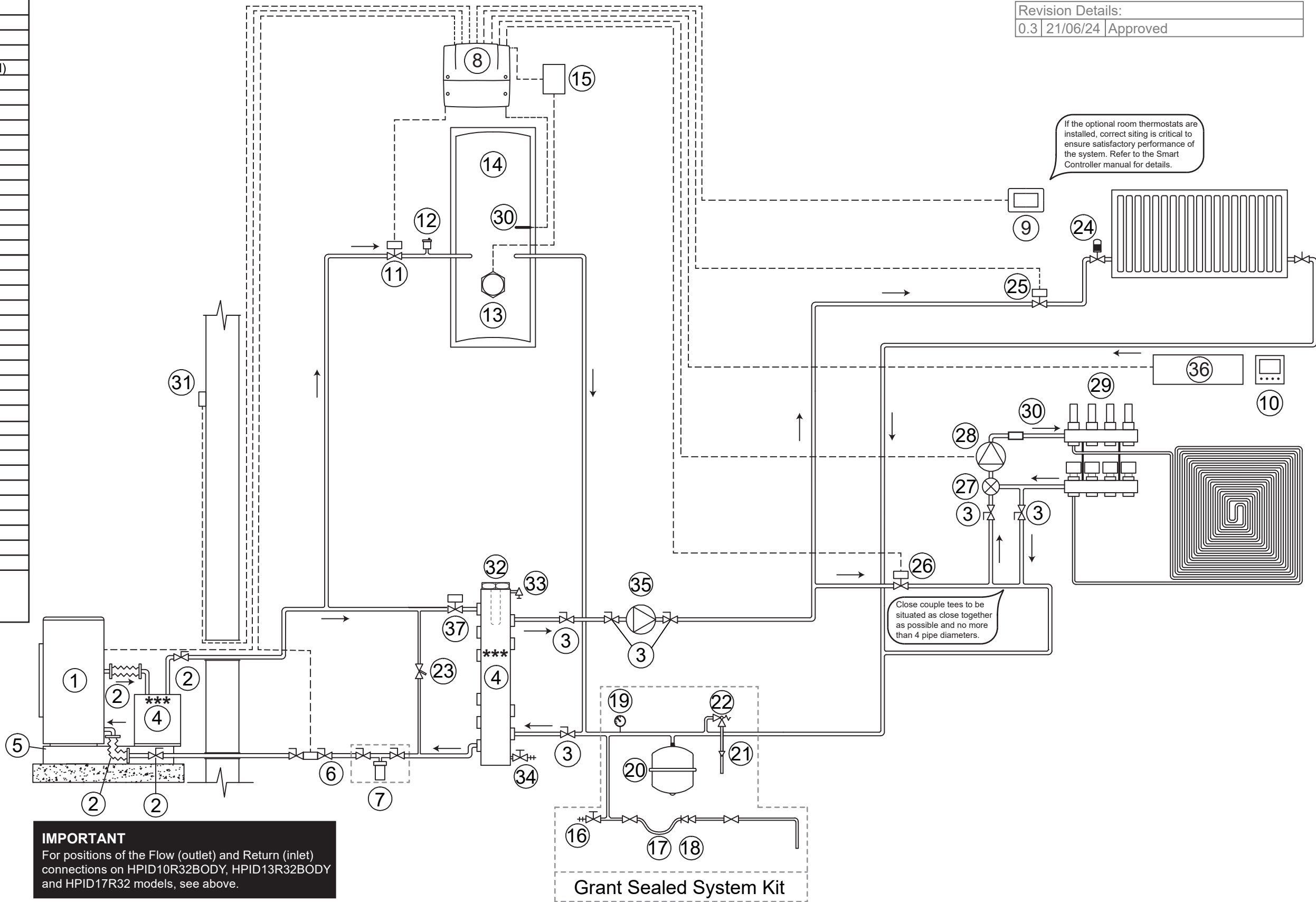
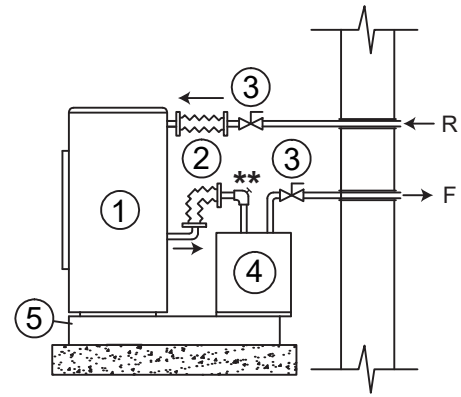


Item	Description
1	Aerona ³ ASHP
2	Flexible hose & Isolation Valves ¹
3	Isolation valve
4	Grant Volumiser or Low loss header*** (optional)
5	Anti-Vibration Mounts ²
6	Flow sensor ¹
7	Grant Mag One magnetic filter kit ²
8	Wiring Centre ¹
9	Touchscreen display ¹
10	Grant Neostat or NeoEdge thermostat
11	Motorized 2-Port valve (DHW)
12	Automatic air vent
13	Cylinder immersion heater
14	DHW cylinder
15	Immersion heater relay ²
16	Drain point
17	Removable filling loop ²
18	Double check valve ²
19	Pressure gauge ²
20	Expansion vessel ²
21	Tundish
22	Pressure relief valve ²
23	Automatic bypass
24	Thermostatic Radiator valve
25	Motorized 2-Port valve (Radiator circuit)
26	Motorized 2-Port valve (UFH circuit)
27	Thermostatic mixing valve
28	UFH pump
29	UFH manifold
30	Water Temperature Sensor ¹
31	Outdoor Weather Sensor ¹
32	Auxiliary backup heater (3kW immersion)
33	Manual air vent
34	Drain point
35	Additional circulating pump
36	Grant UH8 Wiring Centre
37	Motorized 2-Port valve (Master)

*Outputs available: 6, 10, 13 & 17 kW



The below diagram shows the Flow (outlet) and Return (inlet) connection positions for HPID6R32BODY models ONLY.



Scale: NTS
Paper Size: A3

! NOTE!

***30L external volumiser or low loss header are available as an optional component where there is insufficient system volume or where hydraulic separation is required (HPIDVOEXT30/HPIDSYLLHKIT).

! NOTE !

Please refer to the AERONA³ ASHP installation instructions for details of the flow and return connections at the heat pump.

! NOTE !

For additional heater support from Grant External Volumiser, Refer to Grant Aeron Smart Controller installation manual and Schematics HPCS-BUHS and HPCS-BUHE.

! NOTE !

This system schematic should be read in conjunction with the Grant Aeronautics Smart Control installation instructions and wiring diagram HPCS-P004ER32.

Project Title: Grant Aeron Smart Controls Installation Pack P S-Plan Plus type system with Low Loss Header Radiators Upstairs - UFH downstairs (UH8) HW priority & Legionella Protection from wiring centre (System schematic)

Drawing Set: AERONA Smart Control System Schematics	Dwg. No: HPCS-P004SR32
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Status: Approved	Revision: 0.4
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Rev Date: 21/06/24	Drawn By: AC&DB	Checked By: NS
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Frankland Road, Blagrove Industrial Estate, Swindon, SN5 8YG, tel: 01380 736920