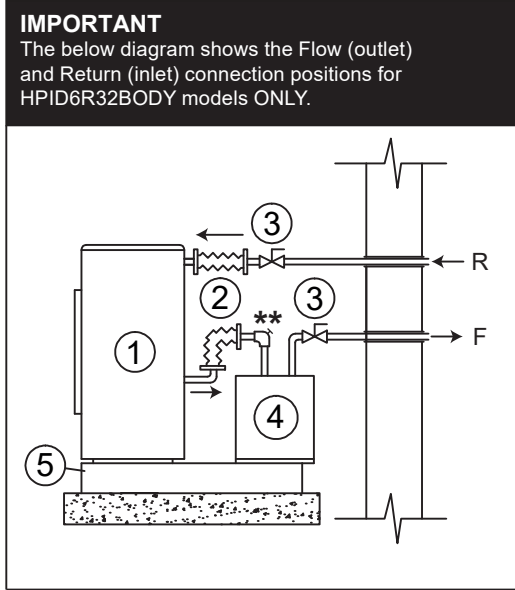


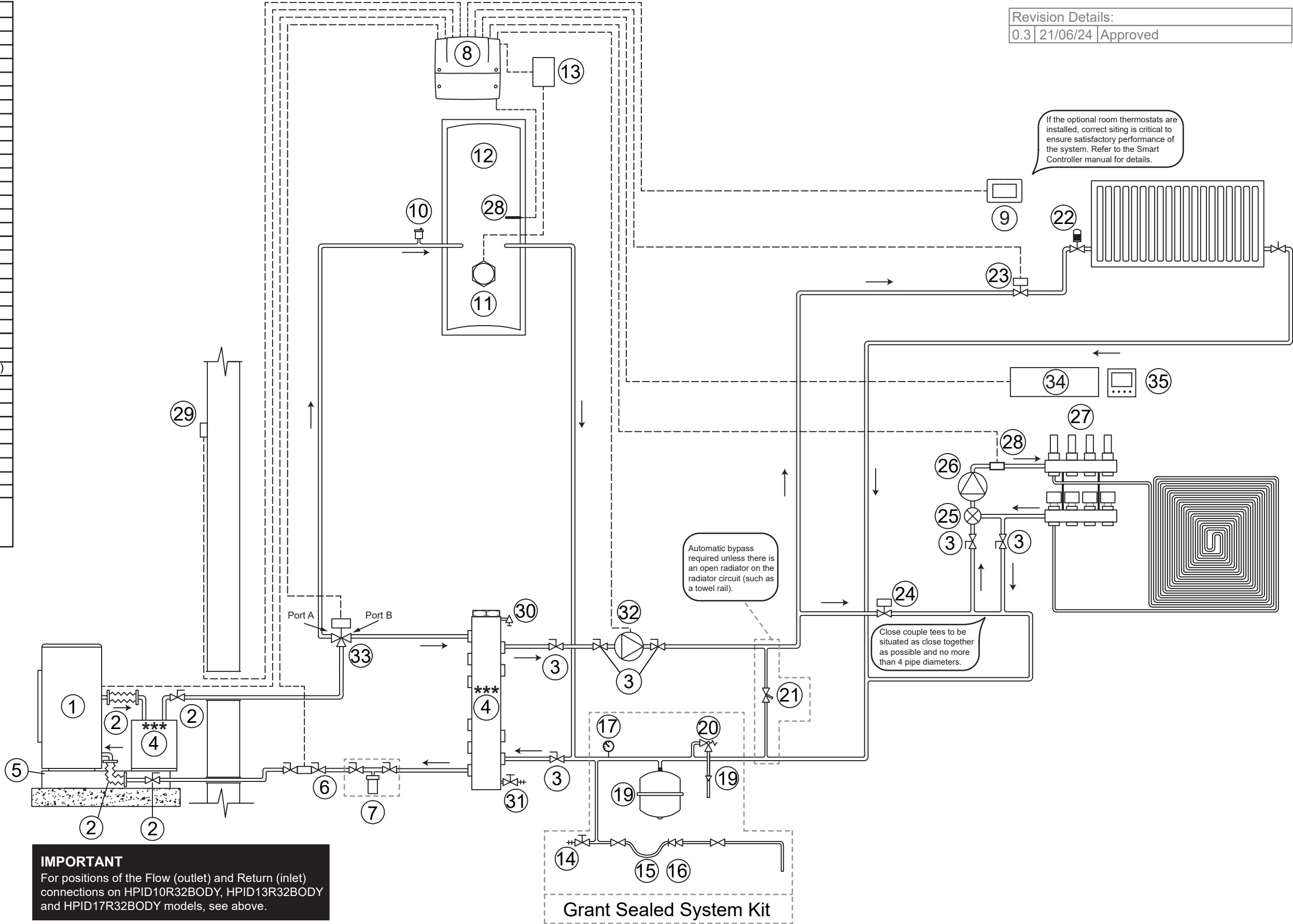
Item	Description
1	Aerona ³ ASHP
2	Flexible hose & Isolation Valves ¹
3	Isolation valve
4	Grant Volumiser or Low loss header*** (optional)
5	Anti-Vibration Mounts ²
6	Flow sensor ¹
7	Grant Mag One magnetic filter kit ²
8	Wiring Centre ¹
9	Touchscreen Display ¹
10	Automatic air vent
11	Cylinder immersion heater
12	DHW cylinder
13	Immersion heater relay ²
14	Drain point
15	Removable filling loop ²
16	Double check valve
17	Pressure gauge ²
18	Expansion vessel ²
19	Tundish
20	Pressure relief valve ²
21	Automatic bypass
22	Thermostatic Radiator valve
23	Motorized 2-Port valve (Radiator circuit)
24	Motorized 2-Port valve (UFH circuit)
25	Thermostatic mixing valve
26	UFH pump (Optional depending on system design)
27	UFH manifold
28	Water temperature sensor ¹
29	Outdoor weather sensor ¹
30	Manual air vent
31	Drain point
32	Master circulating pump
33	3-Port Diverter Valve ²
34	UH8 Wiring centre
35	Room thermostat (Grant NeoStat or Edge)
¹ Supplied with the HPIDR32SMART* Smart Controller Kit	
*Outputs available: 6, 10, 13 & 17 kW	
² Supplied with the HPIDR32PACKR	



**Compression elbow c/w air vent
(supplied with HPIDVOL30EXT6)



Scale: NTS
Paper Size: A3



IMPORTANT
For positions of the Flow (outlet) and Return (inlet) connections on HPID10R32BODY, HPID13R32BODY and HPID17R32BODY models, see above.

***** ! 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 (HPIDVOLEXT30/HPIDSYSLLHKIT).

! 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 Aerona Smart Controller installation manual and Schematics HPCS-BUHS and HPCS-BUHE.

! NOTE !

This system schematic should be read in conjunction with the Grant Aerona Smart Control installation instructions and wiring diagram HPCS-R004ER32.

Project Title: Grant Aerona Smart Controls Installation Pack R W-Plan Plus type system with Low Loss Header UFH downstairs (UH8) - Radiators upstairs HW priority & Legionella protection from Smart Controller (system schematic)	
Drawing Set: Aerona Smart Control System Schematics	Dwg. No: HPCS-R004SR32
Status: Approved	Revision: 0.3
Rev Date: 21/06/24	Drawn By: AC&DB
Checked By: NS	
<small>This drawing and its content is subject to copyright. Use other than for its original intended purpose must be arranged with an employee of Grant UK Ltd. Frankland Road, Blagrove Industrial Estate, Swindon, SN5 8YG, tel: 01380 736920</small>	