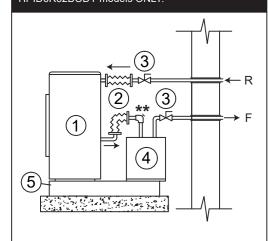
ltem	Description		
1	Aerona ³ ASHP		
	Flexible hose & Isolation Valves ¹		
3	Isolation valve		
4	Grant Volumiser or Low loss header***		
2 3 4 5 6 7	Anti-Vibration Mounts ²		
6	Flow sensor ¹		
7	Grant Mag One magnetic filter kit ²		
8	Wiring Centre ¹		
9	Touchscreen display ¹		
10	Room thermostat (optional)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



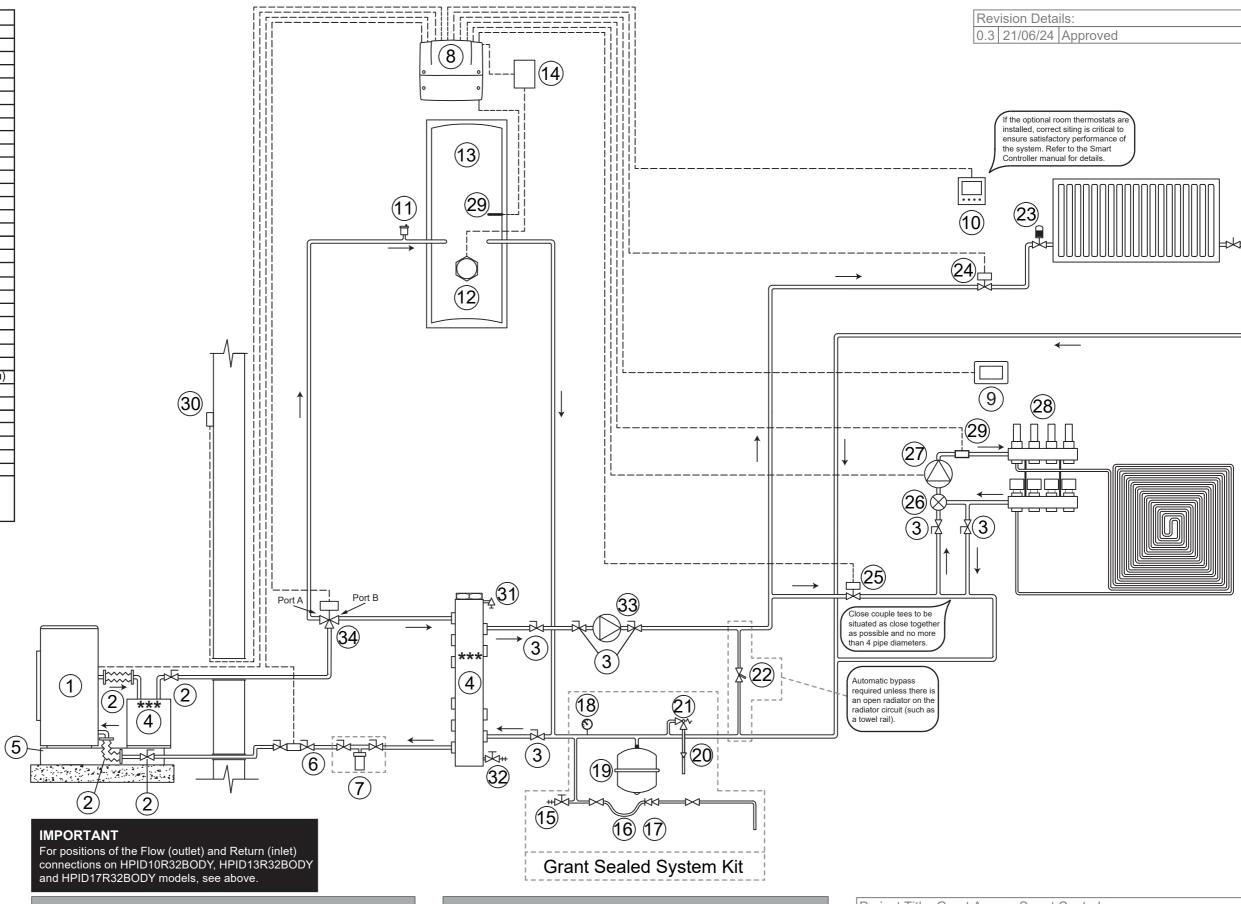
The below diagram shows the Flow (outlet) and Return (inlet) connection positions for HPID6R32BODY models ONLY.

*Outputs available: 6, 10, 13 & 17 kW ²Supplied with the HPIDR32PACKR



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





INOTE

***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.

INOTE

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-R003ER32.

Project Title: Grant Aerona Smart Controls				
Installation Pack R				
W-Plan Plus type system with Low Loss Header				
UFH downstairs - Radiators upstairs				
HW priority & Legionella protection from				
Smart Controller (system schematic)				

Drawing Set: Aerona System	Dwg. No: HPCS-R003SR32			
Status: Approved	Revision: 0.3			
Rev Date: 21/06/24	Drawn By: AC&DB	Checked By: NS		
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.				