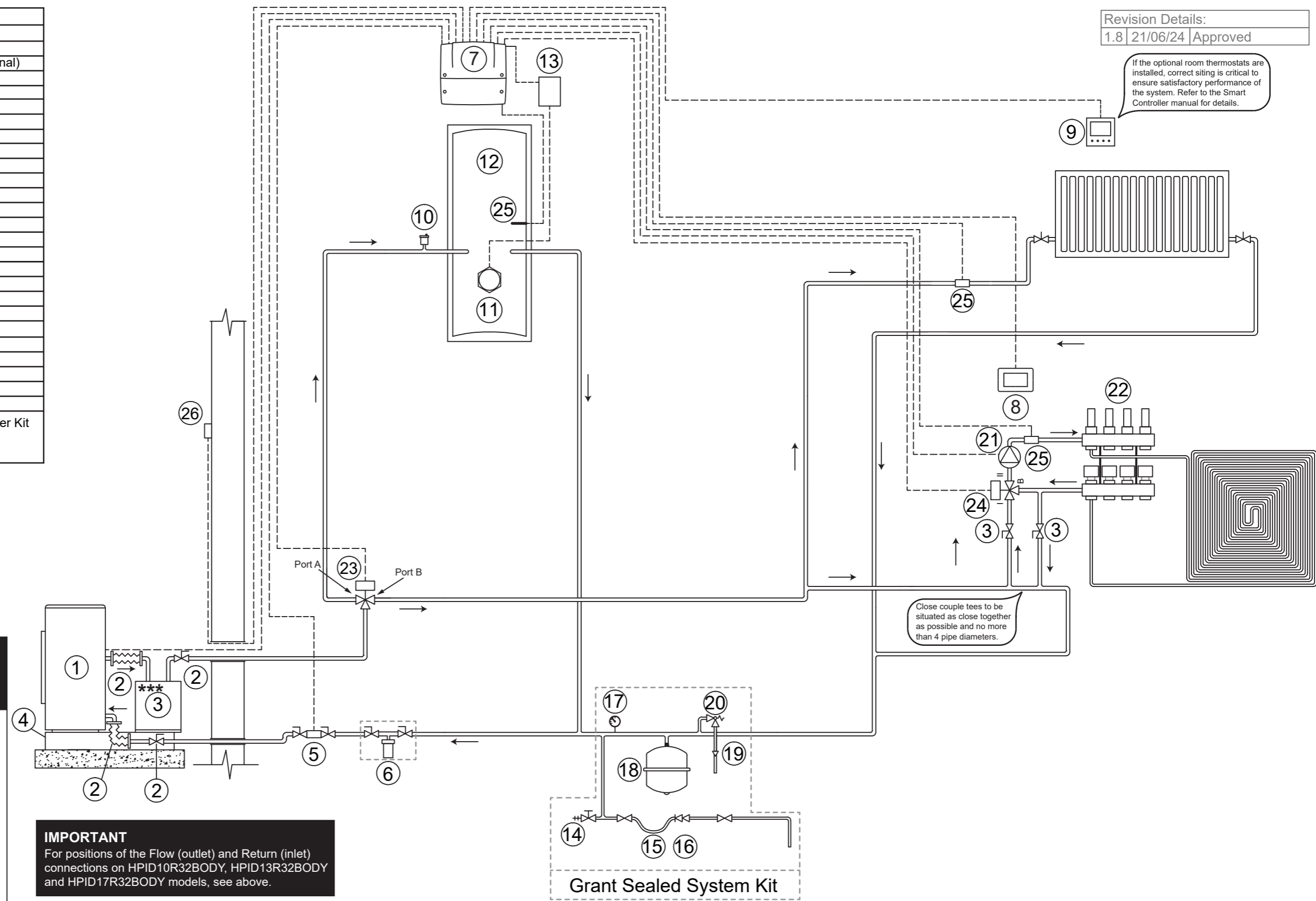


Item	Description
1	Aerona ASHP
2	Flexible hose & Isolation valve ¹
3	Grant volumiser or Low loss header ^{***} (optional)
4	Anti-Vibration Mounts ²
5	Flow sensor ¹
6	Grant Mag One magnetic filter kit ²
7	Wiring centre ¹
8	Touchscreen display ¹
9	Room thermostat
10	Automatic air vent
11	Cylinder immersion heater
12	DHW cylinder
13	Immersion heater relay ²
14	Drain point
15	Removable filling loop ²
16	Double check valve ²
17	Pressure gauge ²
18	Expansion vessel ²
19	Tundish
20	Pressure relief valve ²
21	UFH pump
22	UFH manifold
23	3-Port diverter valve ²
24	3-Port mixing valve ²
25	Water temperature sensor ¹
26	Outdoor weather sensor ¹

¹Supplied with the HPIDR32SMART* Smart Controller Kit
²Outputs available: 6, 10, 13 & 17kW
^{***}Supplied with HPIDR32PACKQ

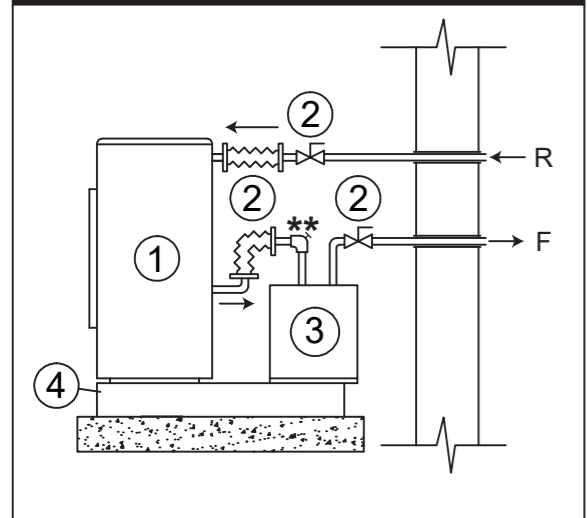
Revision Details:
 1.8 | 21/06/24 | Approved

If the optional room thermostats are installed, correct siting is critical to ensure satisfactory performance of the system. Refer to the Smart Controller manual for details.



Close couple tees to be situated as close together as possible and no more than 4 pipe diameters.

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



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

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

***** ! NOTE!**
 ***30L external volumiser or is available as an optional component where there is insufficient system volume (HPIDVOLEXT30).

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

! NOTE!
 This system schematic should be read in conjunction with the Grant Aerona Smart Control installation instructions and wiring diagram HPCS-Q001E.

Project Title: Grant Aerona Smart Controls
 Installation Pack Q
 W-Plan Plus type system with legionella protection
 UFH downstairs & Radiators upstairs - Open Loop
 Thermostatically controlled (Pump Blockage on)
 HW priority & Legionella Protection
 from wiring centre (System schematic)

Drawing Set: Aerona Smart Control System Schematics	Dwg. No: HPCS-Q001SR32
Status: Approved	Revision: 1.8
Rev Date: 21/06/24 Drawn By: AC&DB	Checked By: NS

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Scale: NTS
 Paper Size: A3