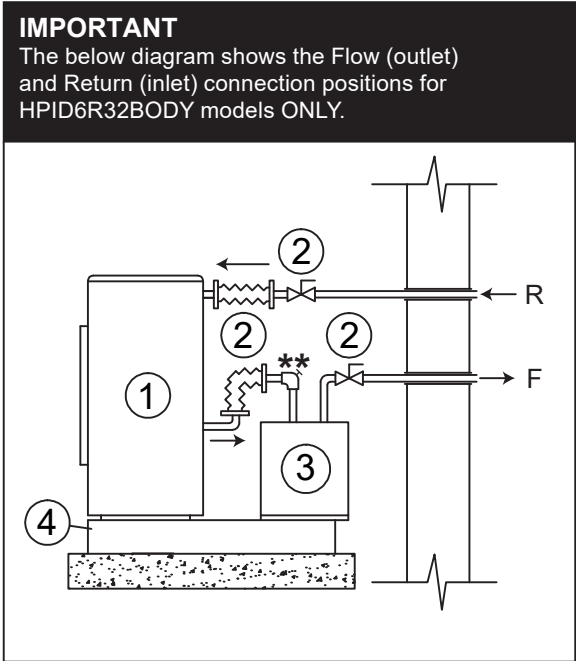


Item	Description
1	Aerona ASHP
2	Flexible hose & Isolation valve ¹
3	Grant volumiser or Low loss header*** (optional)
4	Anti-Vibration Mounts ²
5	Flow sensor ¹
6	Grant Mag One magnetic filter kit ²
7	Wiring centre ¹
8	Touchscreen display ¹
9	Room thermostat
10	Automatic air vent
11	Cylinder immersion 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 downstairs
22	UFH manifold Downstairs
23	3-Port diverter valve ²
24	3-Port mixing valve Downstairs ³
25	Water temperature sensor ¹
26	Outdoor weather sensor ¹
27	UFH pump upstairs
28	UFH manifold Upstairs
29	3-Port mixing valve Upstairs ³
¹ Supplied with the HPIDR32SMART* Smart Controller Kit	
[*] Outputs available: 6,10,13 & 17kW	
² Supplied with HPIDR32PACKQ	
³ One 3-Port mixing valve supplied in PackQ	



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

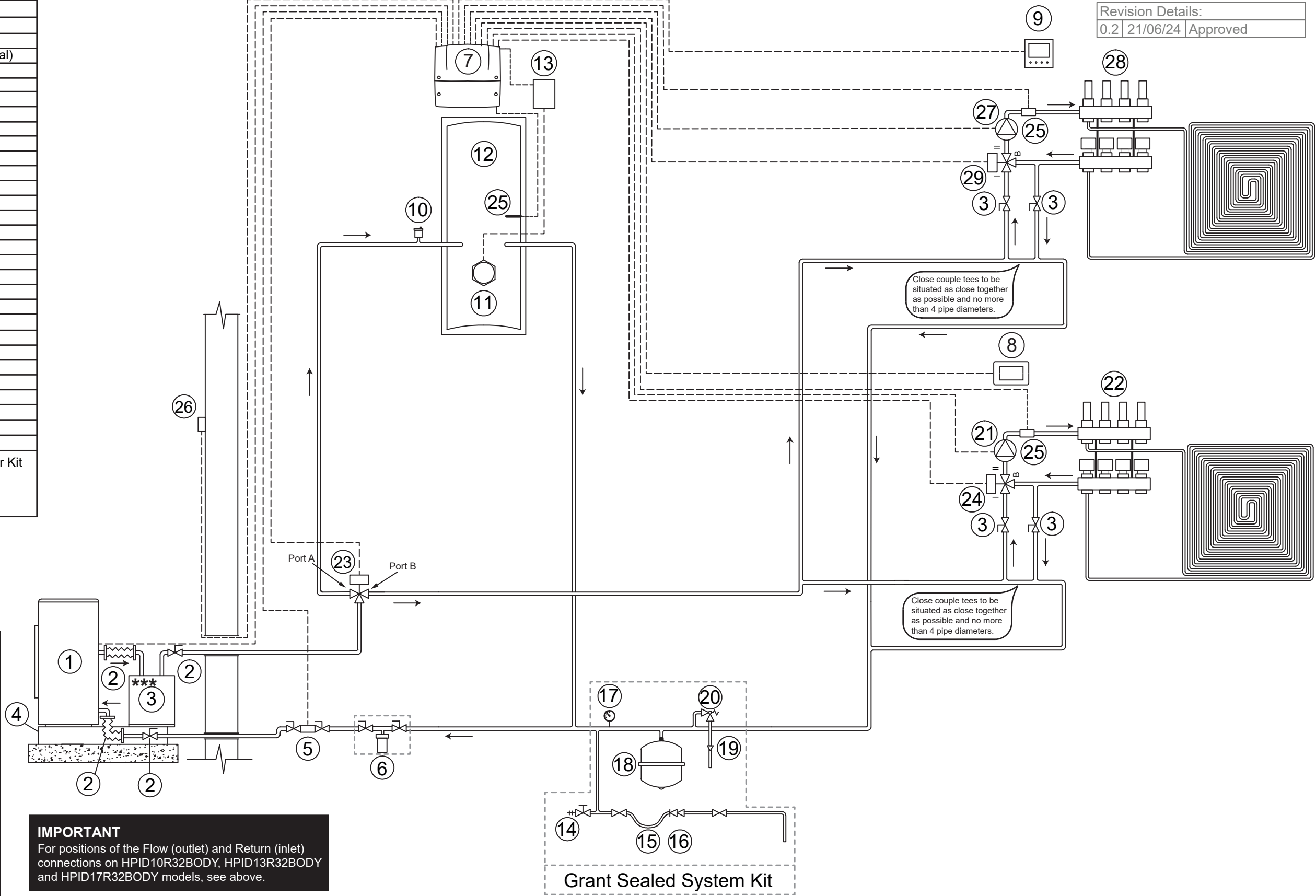


Scale: NTS
Paper Size: A3

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

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

! NOTE !
Please refer to the Aerona 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-Q002ER32.

Project Title: Grant Aerona Smart Controls Installation Pack Q W-Plan Plus type system UFH downstairs & 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-Q002SR32
Status: Approved	Revision: 0.2
Rev Date: 21/06/24	Drawn By: AC&DB
Checked By: NS	
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