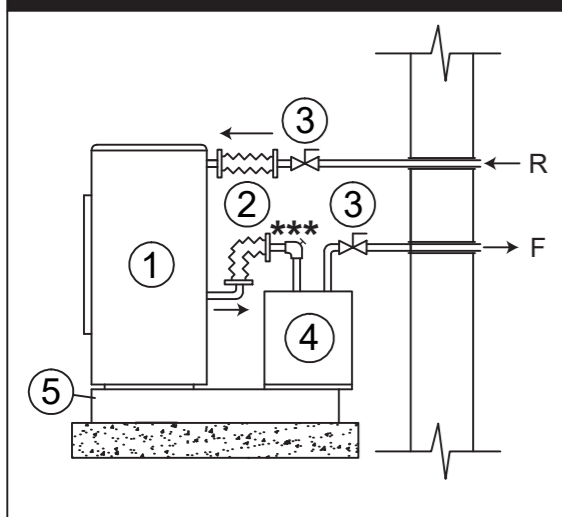


Item	Description
1	Aerona ASHP
2	Flexible hose ¹
3	Isolation valve ¹
4	30L Grant External Volumiser**
5	Flow setter ¹ <i>refer to Aerona heat pump installation instructions to calculate required flow rate</i>
6	Grant Mag One magnetic filter ²
7	Expansion vessel ²
8	Tundish ²
9	Pressure relief valve ²
10	Motorised 2-Port valve (Radiator circuit) ³
11	Motorised 2-Port valve (UFH circuit) ³
12	Motorized 2-Port valve (DHW) ³
13	Automatic system bypass ³
14	Cylinder immersion heater ³
15	Manual Air vent ² & ³
16	Pressure gauge ³
17	Removable filling loop ³
18	Double check valve ³
19	Grant EP001/EP001X wiring centre ³
20	Cylinder dual thermostat ³
21	Immersion heater programmer ³
22	Pre-Plumbed DHW cylinder
23	Grant DHW timer (HPIDTM4) ²
24	ASHP remote controller ¹
25	Thermostatic mixing valve
26	UFH pump
27	UFH manifold
28	Grant UH8 wiring centre
29	Room thermostat (Grant NeoStat or Edge)
30	Thermostatic radiator valve
31	Room thermostat (Grant NeoStat or Edge)
32	Isolation valve

* Outputs available: 6, 10, 13 & 17kW
¹ Supplied with HPIDCON*
² Supplied with HPIDR32PACKL
³ Supplied factory fitted to Pre-Plumbed cylinder

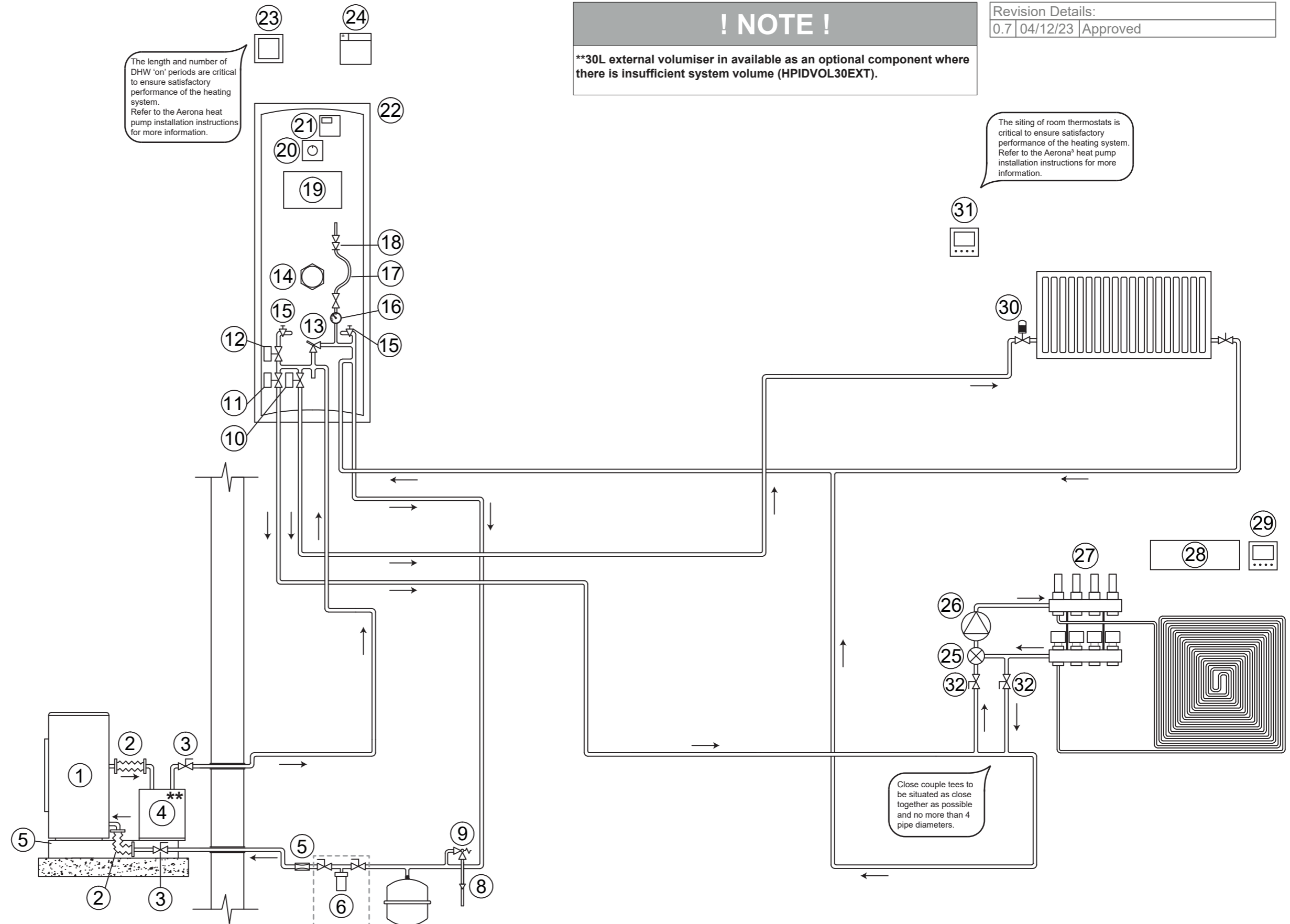
IMPORTANT
The below diagram shows the Flow (outlet) and Return (inlet) connection positions for HPID6R32 models ONLY.



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



Scale: NTS
Paper Size: A3



The length and number of DHW 'on' periods are critical to ensure satisfactory performance of the heating system. Refer to the Aerona heat pump installation instructions for more information.

The siting of room thermostats is critical to ensure satisfactory performance of the heating system. Refer to the Aerona³ heat pump installation instructions for more information.

! NOTE !
**30L external volumiser in available as an optional component where there is insufficient system volume (HPIDVOL30EXT).

Revision Details:		
0.7	04/12/23	Approved

IMPORTANT
For positions of the Flow (outlet) and Return (inlet) connections on HPID10R32, HPID13R32 and HPID17R32 models, see above.

! 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-L001E.

Project Title: Aerona³ ASHP
Installation Pack L
S-Plan Plus type system with legionella protection
UFH downstairs & Radiators upstairs
HW priority provided by EP001 Wiring centre (system schematic)

Drawing Set: Aerona Controls System Schematics	Dwg. No: HPCS-L001S
Status: Approved	Revision: 0.7
Rev Date: 04/12/23	Drawn By: AC & DB
Checked By: NS & SM	

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. Hopton House, Hopton Industrial Estate, Devizes, Wiltshire, SN10 2EU, tel: 01380 736920