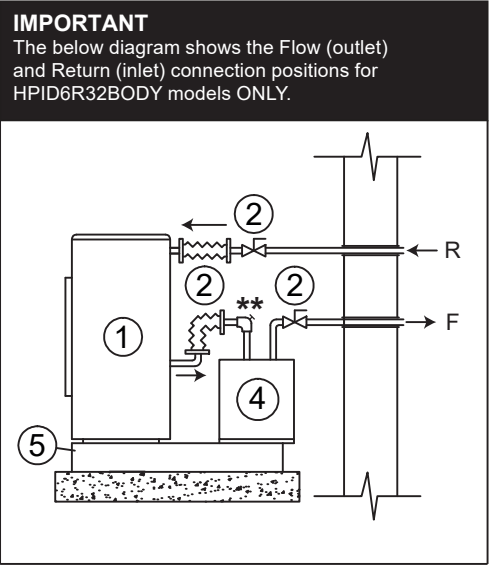


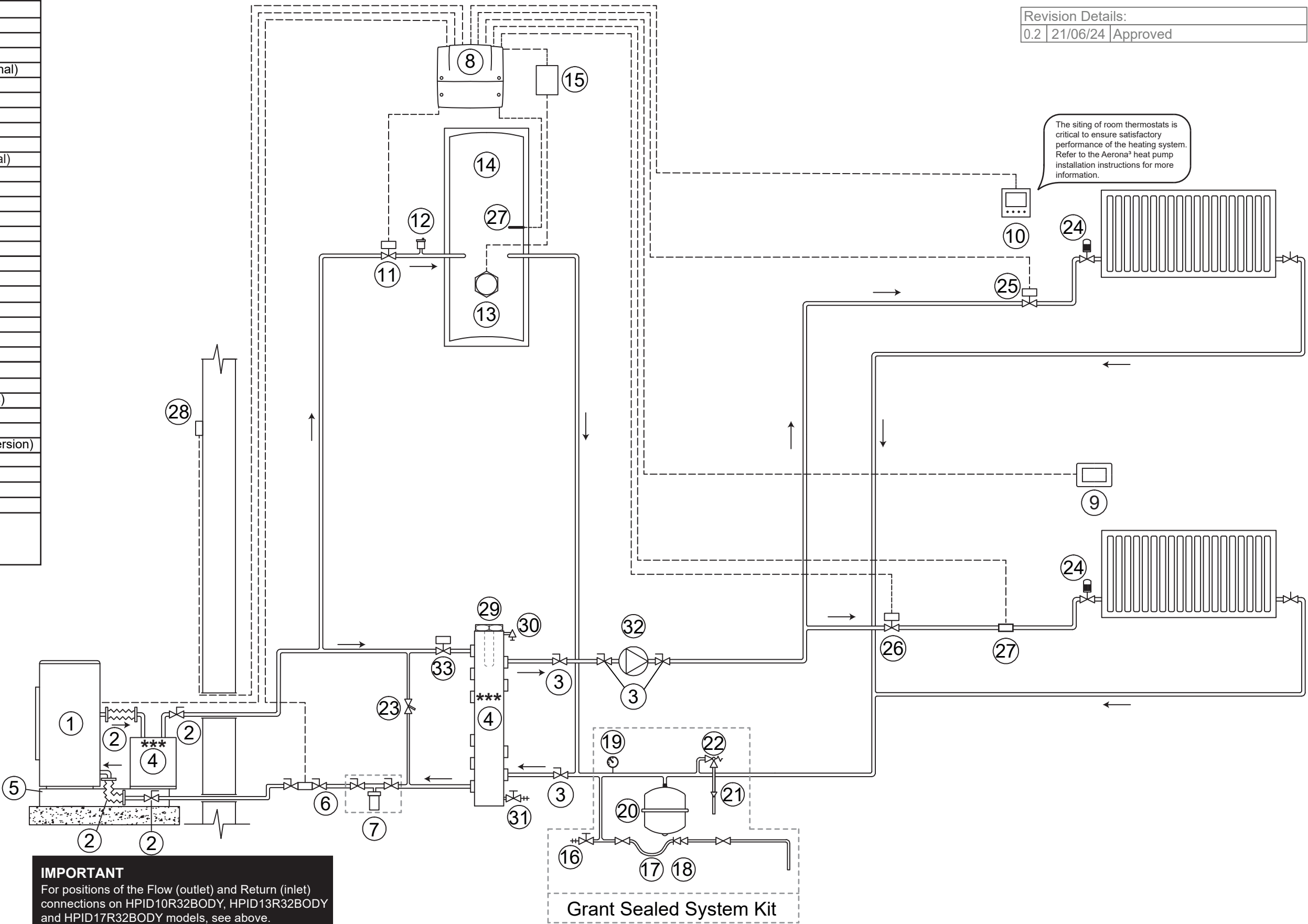
| Item  | Description                                      |
|---|--|
| 1   | Aerona <sup>3</sup> ASHP                         |
| 2   | Flexible hose & Isolation Valves <sup>1</sup>    |
| 3   | Isolation valve                                  |
| 4   | Grant Volumiser or Low loss header*** (optional) |
| 5   | Anti-Vibration Mounts <sup>2</sup>               |
| 6   | Flow sensor <sup>1</sup>                         |
| 7   | Grant Mag One magnetic filter kit <sup>2</sup>   |
| 8   | Wiring Centre Smart Controls <sup>1</sup>        |
| 9   | Touch Screen Display <sup>1</sup>                |
| 10  | Room thermostat - HPIDSMARTHRT (optional)        |
| 11  | Motorized 2-Port valve (DHW)                     |
| 12  | Automatic air vent                               |
| 13  | Cylinder immersion heater                        |
| 14  | DHW cylinder                                     |
| 15  | Immersion heater relay <sup>2</sup>              |
| 16  | Drain point                                      |
| 17  | Removable filling loop <sup>2</sup>              |
| 18  | Double check valve <sup>2</sup>                  |
| 19  | Pressure gauge <sup>2</sup>                      |
| 20  | Expansion vessel <sup>2</sup>                    |
| 21  | Tundish  |
| 22  | Pressure relief valve <sup>2</sup>               |
| 23  | Automatic bypass                                 |
| 24  | Thermostatic radiator valve                      |
| 25  | Motorized 2-Port valve (Radiators Upstairs)      |
| 26  | Motorized 2-Port valve (Radiators Downstairs)    |
| 27  | Water temperature sensor <sup>1</sup>            |
| 28  | Outdoor Weather Sensor <sup>1</sup>              |
| 29  | Low Loss Header Auxiliary heater (3kW immersion) |
| 30  | Manual air vent                                  |
| 31  | Drain point                                      |
| 32  | Additional circulating pump                      |
| 33  | Motorized 2-Port valve (Master)                  |
| <sup>1</sup> Supplied with the HPIDR32SMART* Smart Controller Kit |  |
| *Outputs available: 6, 10, 13 & 17 kW                             |  |
| <sup>2</sup> Supplied with the HPIDR32PACKP                       |  |



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



Scale: NTS  
Paper Size: A3



|                   |          |          |
|-------------------|----------|----------|
| Revision Details: |          |          |
| 0.2               | 21/06/24 | Approved |

**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/HPIDSYSLHKIT).

**! NOTE !**

Please refer to the Aerona<sup>3</sup> 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-P007ER32.

|  |                           |
|--|---------------------------|
| Project Title: Grant Aerona Smart Controls<br>Installation Pack P<br>S-Plan Plus type system with Low Loss Header<br>Radiators Downstairs & Upstairs<br>HW priority & Legionella Protection<br>from wiring centre (System schematic)                         |                           |
| Drawing Set: Aerona Smart Control<br>System Schematics   | Dwg. No:<br>HPCS-P007SR32 |
| Status: Approved   | Revision: 0.2             |
| Rev Date: 21/06/24   | Drawn By: AC&DB           |
| Checked By: NS   |                           |
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