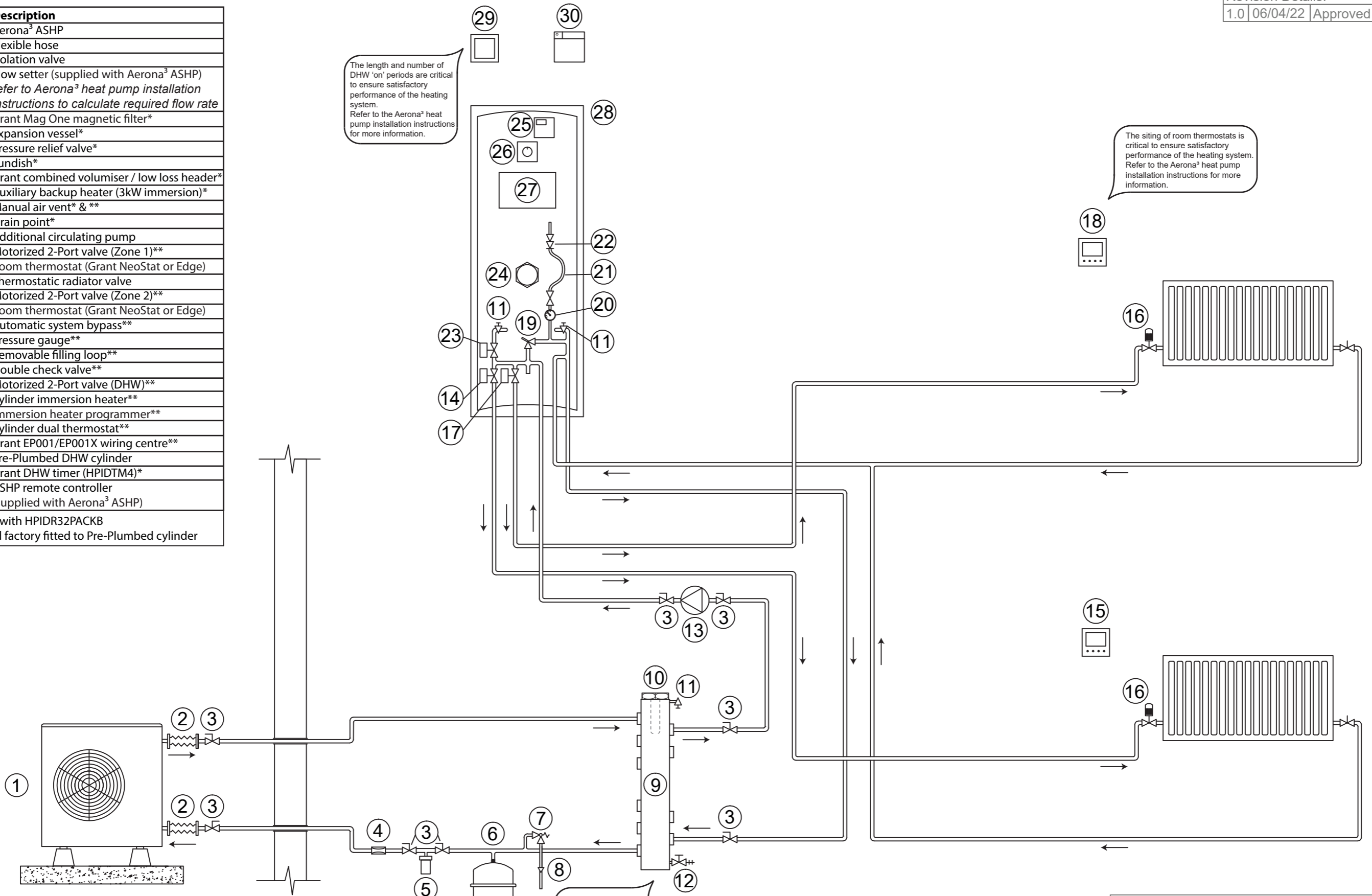


| Item | Description |
|------|--|
| 1 | Aerona ³ ASHP |
| 2 | Flexible hose |
| 3 | Isolation valve |
| 4 | Flow setter (supplied with Aerona ³ ASHP) <i>refer to Aerona³ heat pump installation instructions to calculate required flow rate</i> |
| 5 | Grant Mag One magnetic filter* |
| 6 | Expansion vessel* |
| 7 | Pressure relief valve* |
| 8 | Tundish* |
| 9 | Grant combined volumiser / low loss header* |
| 10 | Auxiliary backup heater (3kW immersion)* |
| 11 | Manual air vent* & ** |
| 12 | Drain point* |
| 13 | Additional circulating pump |
| 14 | Motorized 2-Port valve (Zone 1)** |
| 15 | Room thermostat (Grant NeoStat or Edge) |
| 16 | Thermostatic radiator valve |
| 17 | Motorized 2-Port valve (Zone 2)** |
| 18 | Room thermostat (Grant NeoStat or Edge) |
| 19 | Automatic system bypass** |
| 20 | Pressure gauge** |
| 21 | Removable filling loop** |
| 22 | Double check valve** |
| 23 | Motorized 2-Port valve (DHW)** |
| 24 | Cylinder immersion heater** |
| 25 | Immersion heater programmer** |
| 26 | Cylinder dual thermostat** |
| 27 | Grant EP001/EP001X wiring centre** |
| 28 | Pre-Plumbed DHW cylinder |
| 29 | Grant DHW timer (HPIDTM4)* |
| 30 | ASHP remote controller (supplied with Aerona ³ ASHP) |

* Supplied with HPIDR32PACKB
** Supplied factory fitted to Pre-Plumbed cylinder

The length and number of DHW 'on' periods are critical to ensure satisfactory performance of the heating system. Refer to the Aerona³ 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.



For more information on the Grant Combined Volumiser / Low Loss Header, please refer to the Aerona³ heat pump installation instructions.

! NOTE !
Please refer to the Aerona³ 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 Aerona³ ASHP installation instructions and wiring diagram HPCS-B002E.

| | |
|---|---------------------|
| Project Title: Aerona ³ ASHP Installation Pack B - Pre-Plumbed Cylinder S-Plan Plus type system with legionella protection Radiators downstairs and upstairs HW priority provided by EP001 wiring centre (system schematic) | |
| Drawing Set: Aerona ³ Control System Schematics | Dwg. No: HPCS-B002S |
| Status: Approved | Revision: 1.0 |
| Rev Date: 06/04/22 | Drawn By: CG |
| Checked By: NS | |

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