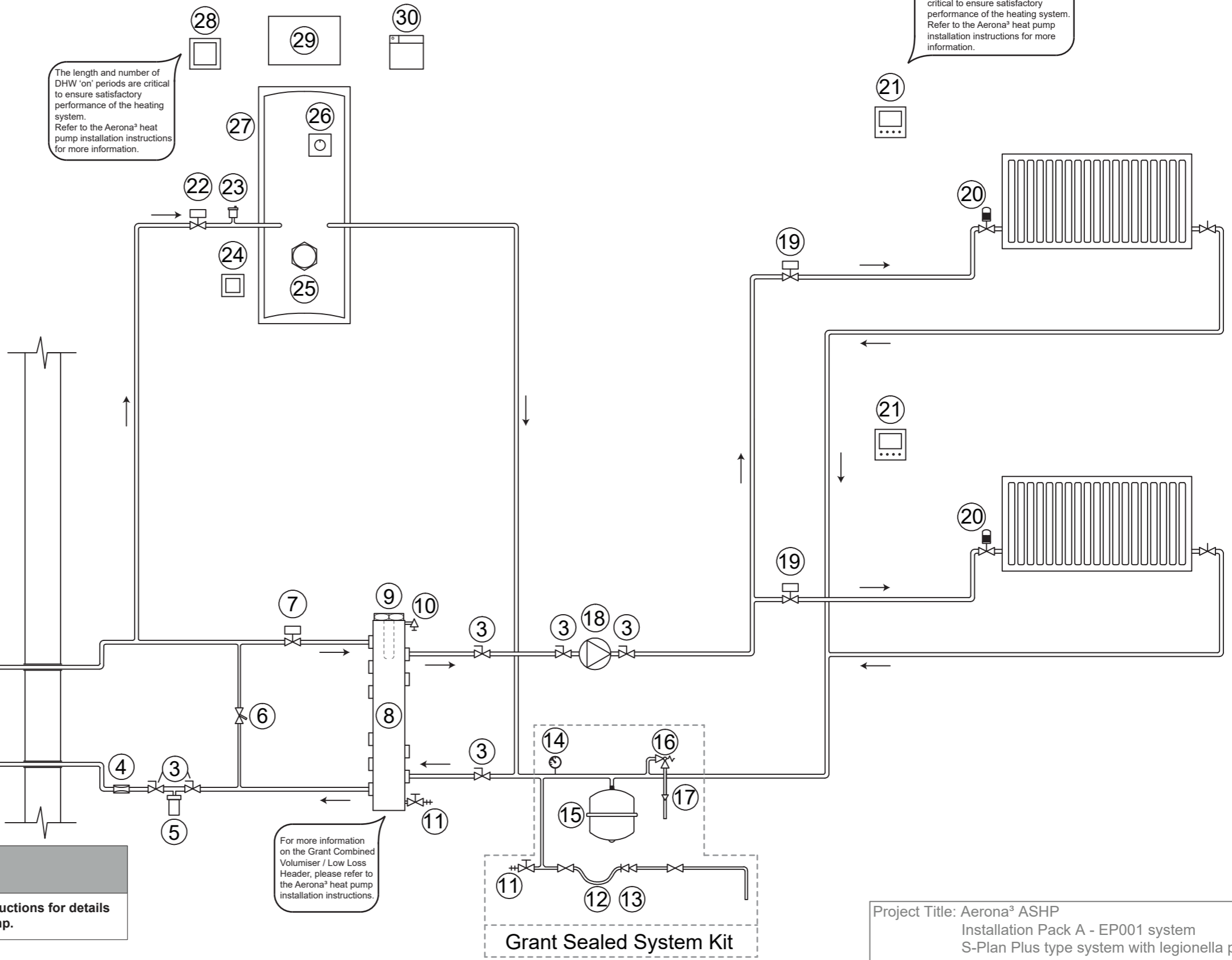


Item	Description
1	Aerona ³ ASHP
2	Flexible hose
3	Isolation valve
4	Flow setter (supplied with Aerona ³ ASHP) <i>refer to Aerona³ heat pump installation instructions to calculate required flow rate</i>
5	Grant Mag One magnetic filter*
6	Automatic system bypass
7	Motorized 2-Port valve (master)
8	Grant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

* Supplied with HPIDR32PACKA



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.

Grant Sealed System Kit

! NOTE !
 This system schematic should be read in conjunction with the Aerona³ ASHP installation instructions and wiring diagram HPCS-A001E.

Project Title: Aerona ³ ASHP Installation Pack A - EP001 system S-Plan Plus type system with legionella protection Radiators downstairs and radiators upstairs HW priority provided by EP001 wiring centre (system schematic)	
Drawing Set: Aerona ³ Control System Schematics	Dwg. No: HPCS-A001S
Status: Approved	Revision: 1.1
Rev Date: 25/01/22 Drawn By: CG	Checked By: NS & PS
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Scale: NTS
 Paper Size: A3