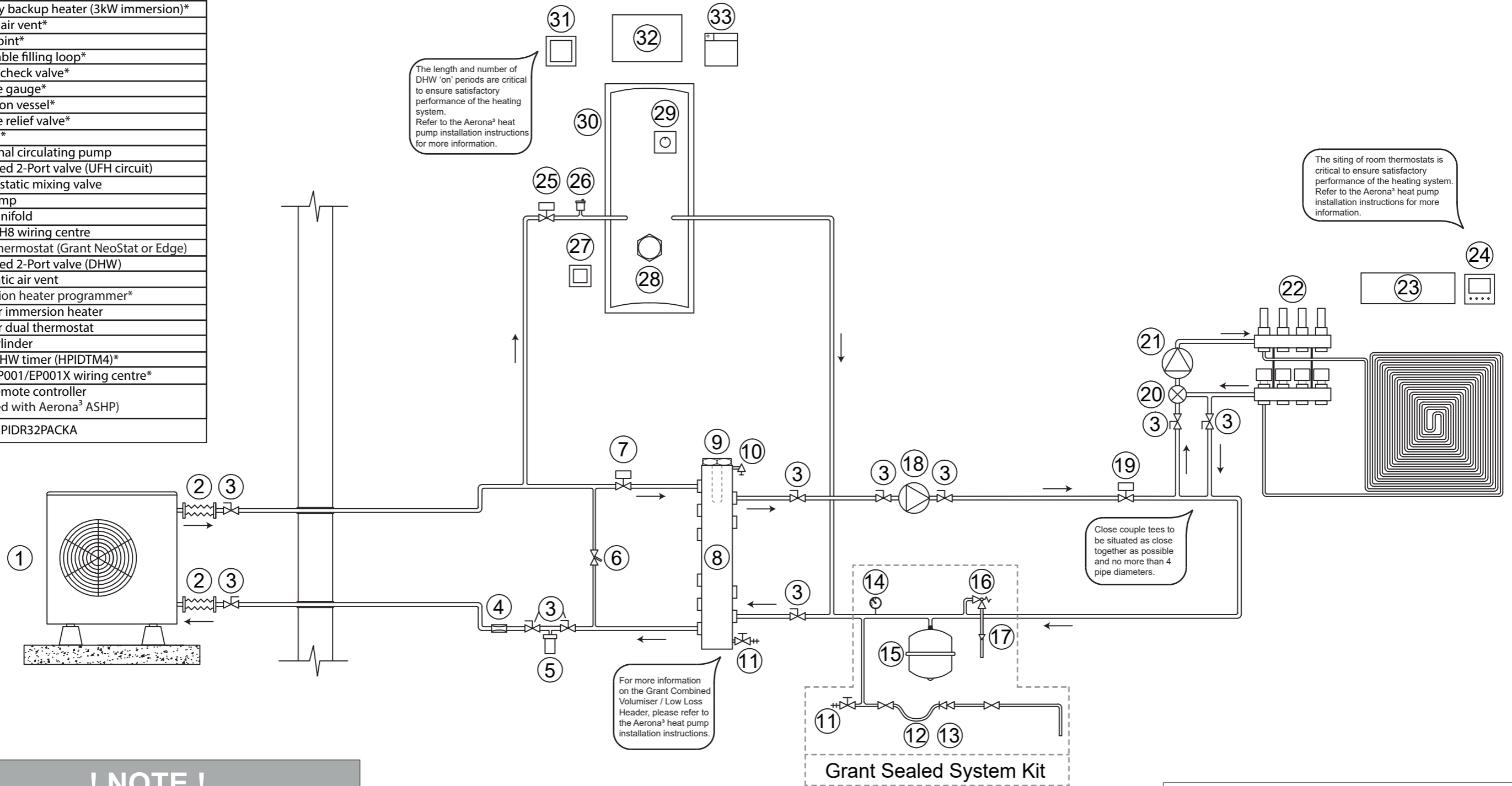


Item	Description
1	Aerona <sup>3</sup> ASHP
2	Flexible hose
3	Isolation valve
4	Flow setter (supplied with Aerona <sup>3</sup> ASHP) <i>refer to Aerona<sup>3</sup> heat pump installation instructions to calculate required flow rate</i>
5	Grant Mag One magnetic filter*
6	Automatic system bypass
7	Motorized 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 (UFH circuit)
20	Thermostatic mixing valve
21	UFH pump
22	UFH manifold
23	Grant UH8 wiring centre
24	Room thermostat (Grant NeoStat or Edge)
25	Motorized 2-Port valve (DHW)
26	Automatic air vent
27	Immersion heater programmer*
28	Cylinder immersion heater
29	Cylinder dual thermostat
30	DHW cylinder
31	Grant DHW timer (HPIDTM4)*
32	Grant EP001/EP001X wiring centre*
33	ASHP remote controller (supplied with Aerona <sup>3</sup> ASHP)

\* Supplied with HPIDR32PACKA



**! 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 !**  
This system schematic should be read in conjunction with the Aerona<sup>3</sup> ASHP installation instructions and wiring diagram HPCS-A003E.

Project Title: Aerona <sup>3</sup> ASHP Installation Pack A - EP001 system S-Plan type system with legionella protection UFH only (single storey) HW priority provided by EP001 wiring centre (system schematic)	
Drawing Set: Aerona <sup>3</sup> Control System Schematics	Dwg. No: HPCS-A003S
Status: Approved	Revision: 1.0
Rev Date: 08/04/22	Drawn By: CG
	Checked By: NS

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