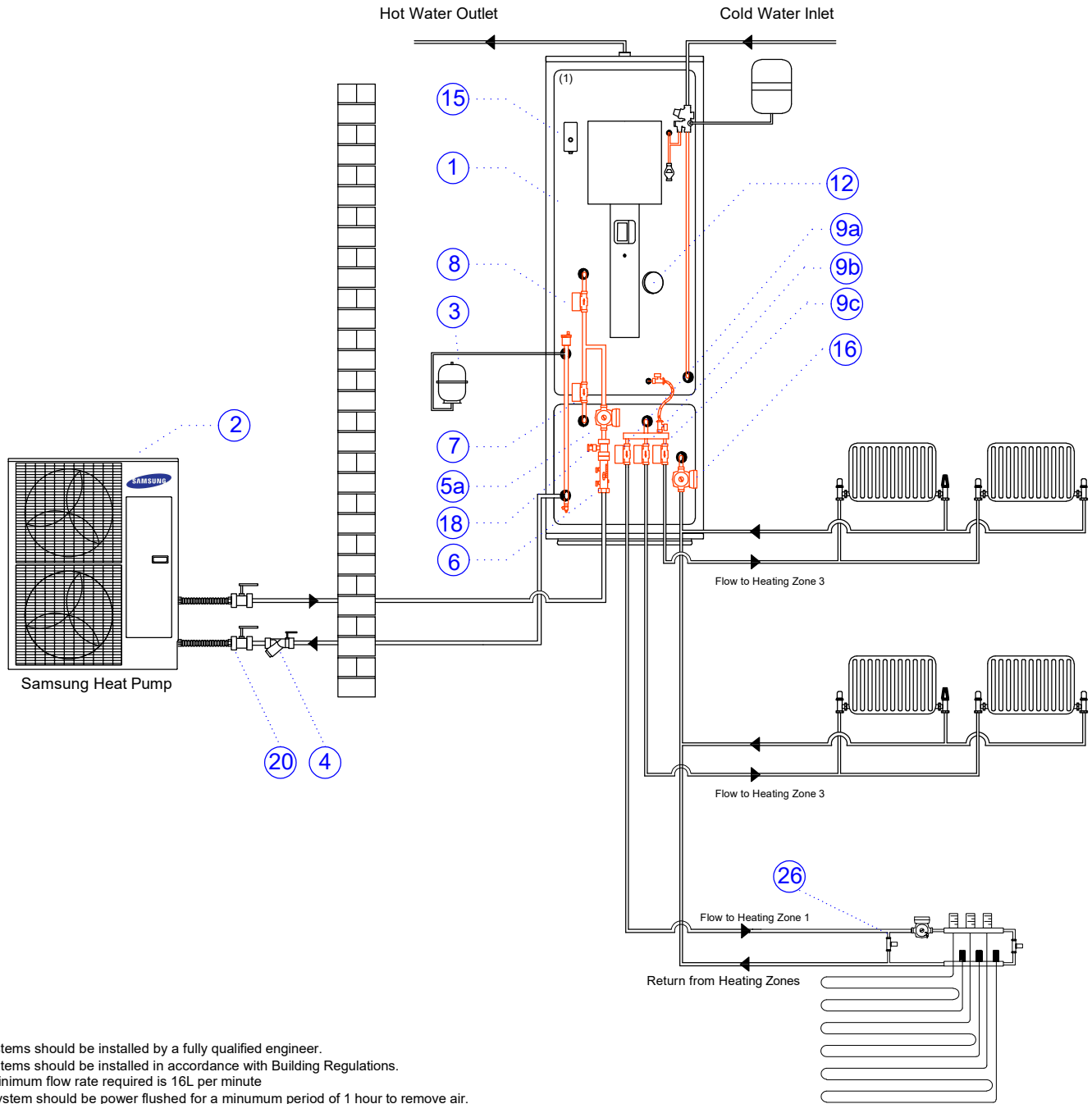


Smartplumb High Gain DHW / Buffer Cylinder



Notes: All systems should be installed by a fully qualified engineer.
All systems should be installed in accordance with Building Regulations.
The minimum flow rate required is 16L per minute
The system should be power flushed for a minimum period of 1 hour to remove air.

— Preplumbed Pipework

— Pipework to be installed by Installer

- (1) Joule Smartplumb DHW/ Buffer Cylinder
- (2) Samsung Heat Pump
- (3) Heating Expansion Vessel (Not Supplied)
- (4) 28mm Y-Strainer
- (5a) Primary Pump Flow from Heat Pump
- (5b) Primary Pump Return to Heat Pump (Where Required)
- (6) Flow Regulator / Flush and Fill Unit
- (7) 28mm Buffer 2 Port Zone Valve

- (8) 28mm DHW 2 Port Zone Valve
- (9a) 22mm 2 Port Zone Valve Heating Zone 1
- (9b) 22mm 2 Port Zone Valve Heating Zone 2
- (9c) 22mm 2 Port Zone Valve Heating Zone 3
- (10) DHW Heat Pump Stat Pocket
- (11) Solar Probe Stat Pocket (Where applicable)
- (12) DHW Immersion
- (13) Buffer Tank Immersion (Where applicable)

- (14) Buffer Tank Stat (Where applicable)
- (15) DHW High Limit Stat
- (16) Heating Zone Circulating Pump
- (17) UFH Circulation Pump
- (18) Samsung Heat Pump Flow Switch
- (19) 2 Pole 20A NO Relay
- (20) Isolation Valves
- (25) ELCB
- (26) Automatic Bypass Valve

CHKD: DN	DATE: 03/03/2020	CUSTOMER:	
DRN: DN	DATE: 03/03/2020	INTERNAL CODE: PP_ASHP_SP_1UFH_2RAD_M	
APP'D: DN	DATE: 03/03/2020	SCALE:	REV.: 00

Samsung Gen 6 Heat Pump
Smartplumb 4 Zone
1UFH_2RAD_1DHW

joule
manufacturing excellence

