

FTC5 Dip Switch with 2 heating circuits				Setting
SW2-7	2 Zone Temperature Control	Inactive	Active	ON

Minimum Circuit Flow rates:

5 KW Unit: 7 l/min  
8.5 KW Unit: 10 l/min  
11.2 KW Unit: 15 l/min  
14 KW Unit: 18 l/min

Minimum Circuit Water Content:

5 KW Unit: 40 L  
8.5 KW Unit: 60 L  
11.2 KW Unit: 80 L  
14 KW Unit: 100 L

Notes:

- Recommended pipe sizes for internal pipework are indicative, these should be calculated based on flow rates and pipe lengths as per CIBSE guides
- Minimum cold water mains pressure of 2 Bar or 25 l / min for unvented cylinders
- A buffer tank might be needed to avoid cycling if circuits volume do not meet the recommended minimum water content

Indoor unit Fuse Rating:

16 A MCB at Consumer unit feeding a 13 A switched fused spur

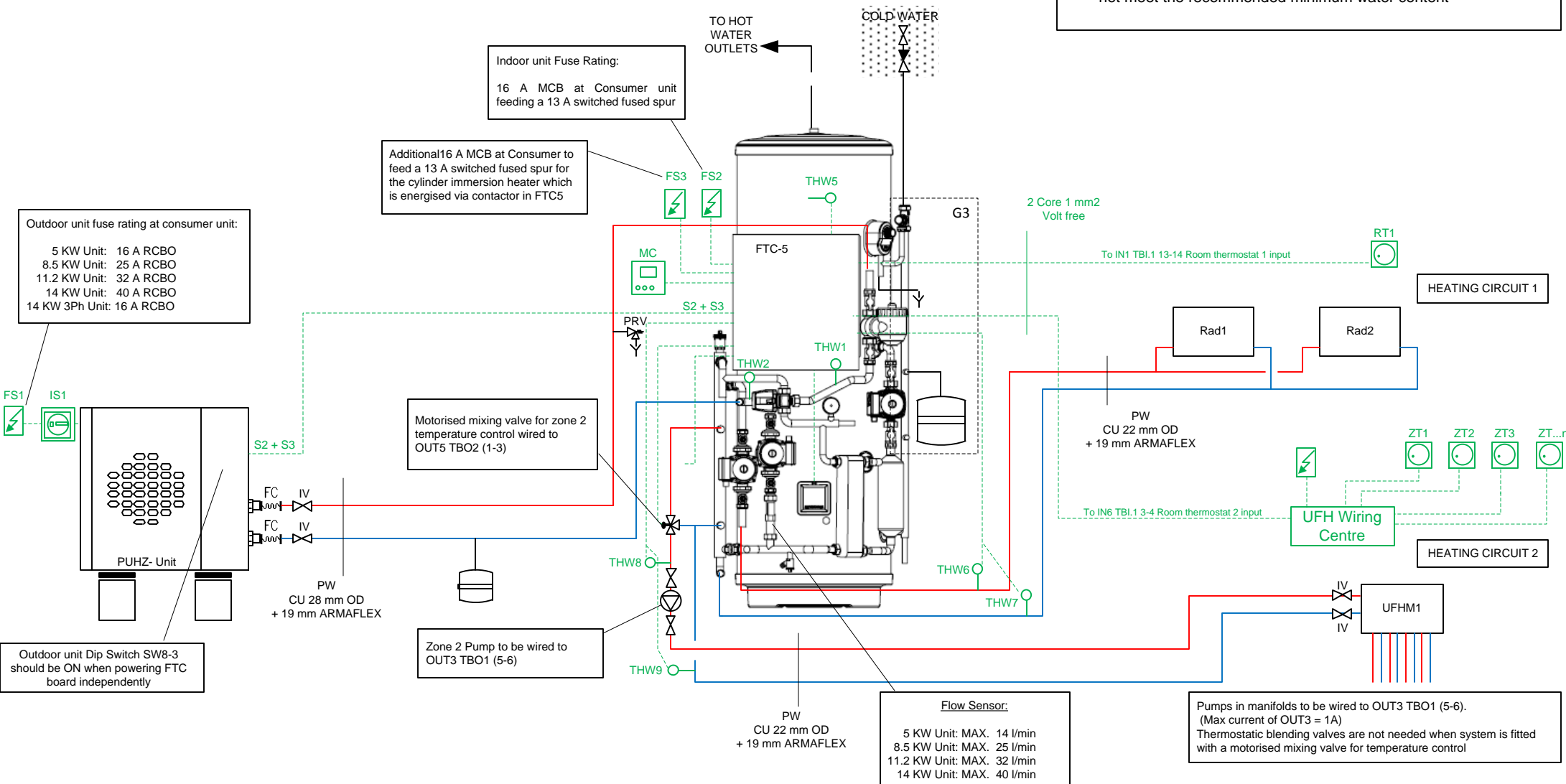
Additional 16 A MCB at Consumer to feed a 13 A switched fused spur for the cylinder immersion heater which is energised via contactor in FTC5

Outdoor unit fuse rating at consumer unit:

5 KW Unit: 16 A RCBO  
8.5 KW Unit: 25 A RCBO  
11.2 KW Unit: 32 A RCBO  
14 KW Unit: 40 A RCBO  
14 KW 3Ph Unit: 16 A RCBO

Motorised mixing valve for zone 2 temperature control wired to OUT5 TBO2 (1-3)

Outdoor unit Dip Switch SW8-3 should be ON when powering FTC board independently



Project:

Client:

Drawing number:

PUHZ/FTC5/WXXX03SPP

Revision: 1

Key:

- Isolation Valve
- Pressure Relief Valve
- Tundish
- Filling Set
- Drain Valve

- Zone Valve
- Commissioning Set
- Magnetic Filter
- Expansion Vessel
- Flexi Connection

No:

Scale / Size:  
NTS @ A4

Date: 01/06/2015

Drawn / Checked  
DS / GT

Title:

FTC5 Pre plumbed 2 x heating mixed

Bypass Valve

Pump

Flow Sensor