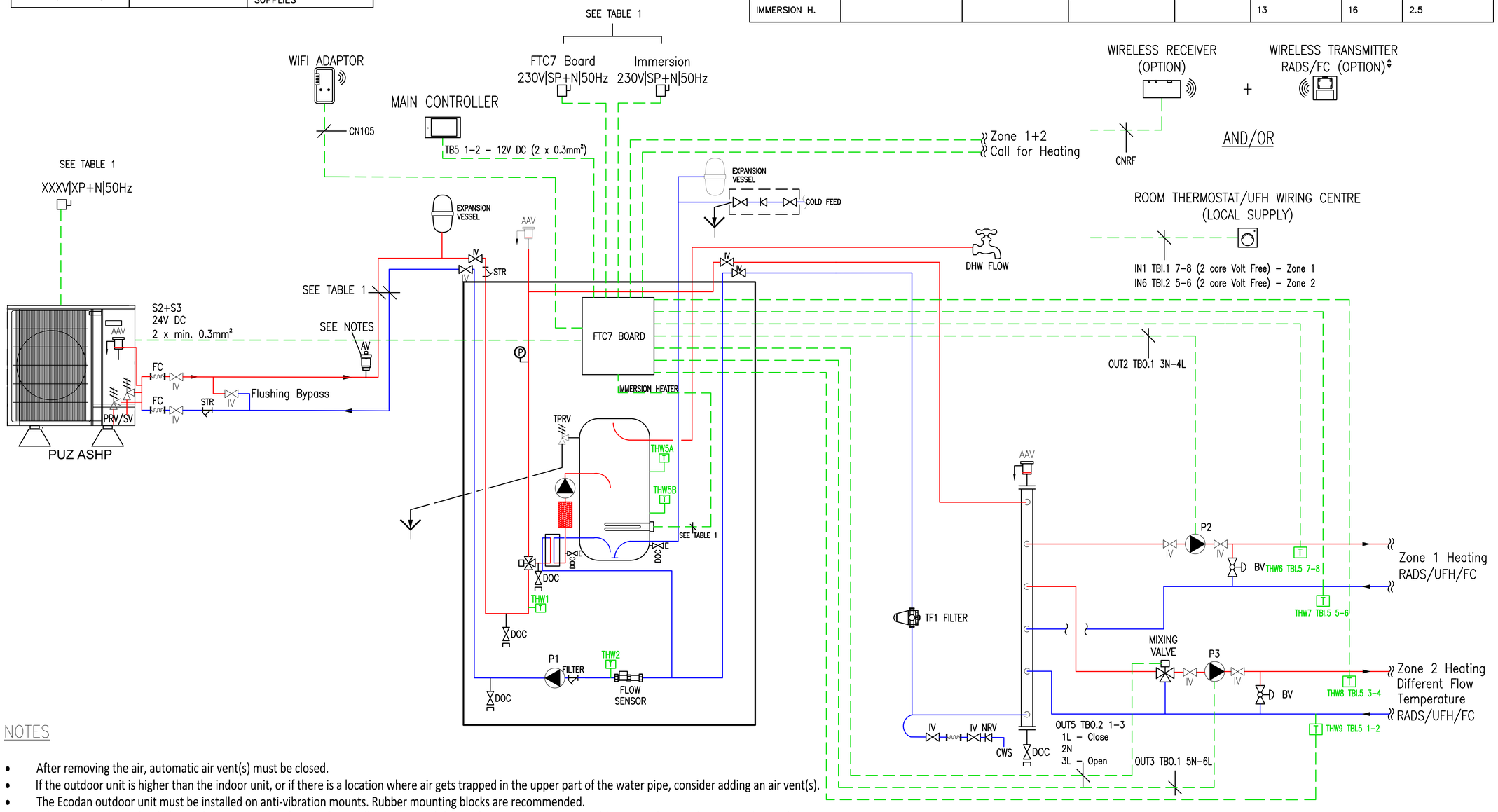
DRAWING NUMBER	REVISION
MEU-UK/FTC7/WZXXX/PKG/2ZM	1

Configuration Settings (from default)

DIP SWITCH	SETTING	FUNCTION
SW2-1 (FTC7)	ON	ZONE1 OPERATION STOP AT THERMOSTAT OPEN
SW2-6 (FTC7)	ON	WITH MIXING TANK
SW2-7 (FTC7)	ON	2-ZONE TEMPERATURE CONTROL
SW3-1 (FTC7)	ON	ZONE2 OPERATION STOP AT THERMOSTAT OPEN
SW7-1 (FTC7)	OFF	MIXING VALVE SETTING
SW8-3 (OUTDOOR)	ON	INDEPENDENT POWER SUPPLIES

TABLE 1

EQUIPMENT	RECOMMENDED PRIMARY PIPE WORK (mm)	FLOW RATE RANGE (L/MIN)	MIN. SPACE HEATING CIRCUIT VOL. (L)	STARTING CURRENT (A)	MAX CURRENT (A)	MCB (A)	MIN. CABLE (mm²)
PUZ-WZ50VAA	22	6.5-14.3	7	2	13	16	1.5
PUZ-WZ60VAA	22	6.5-17.2	9	2	13	16	2.5
PUZ-WZ85VAA	28	7.2-27.2	12	2	23	25	2.5
PUZ-WZ85YAA	28	7.2-27.2	12	2	12	16	1.5
PUZ-WZ100VAA	35	10.0-34.4	13	2	30	32	4
PUZ-WZ100YAA	35	10.0-34.4	13	2	12	16	1.5
PUZ-WZ120VAA	35	10.0-34.4	17	2	37	40	6
PUZ-WZ120YAA	35	10.0-34.4	17	2	12	16	1.5
FTC7 BOARD					10	16	1.5
IMMERSION H.					13	16	2.5



NOTES

- After removing the air, automatic air vent(s) must be closed.
- If the outdoor unit is higher than the indoor unit, or if there is a location where air gets trapped in the upper part of the water pipe, consider adding an air vent(s).
- The Ecodan outdoor unit must be installed on anti-vibration mounts. Rubber mounting blocks are recommended.
- Adequate provision should be made to prevent condensate from collecting around the outdoor units. A soak away, drip tray or drain socket set can be used.
- Flexible connections shall be used to connect the Ecodan unit to the primary pipe work.
- It is the responsibility of the installing contractor to provide adequate protection against freezing of pipe work. MEUK recommend 25% glycol dosage of the primary circuit. If the water circuit freezes and damages the equipment the warranty will become void.
- All water systems should be designed, installed and commissioned in accordance with industry good practice guidelines; such as, but not limited to: BSRIA Guide BG2/2010 - Water System Commissioning, BSRIA Guide BG29/2011 - Pre-Commissioning of Pipework Systems, BSRIA Guide BG50/2013 - Water Treatment for Closed Heating & Cooling Systems, CIBSE Commissioning Code W - Water distribution systems.
- Isolation valves and flushing bypass circuit are recommended for the outdoor unit. This is best practice and not required for warranty purposes.
- The contractor should make the necessary arrangements to ensure the design of the system meets the requirement of the application and comply with all current building regulations.
- All electrical work must be carried out in accordance with the current version of BS7671.
- A back flow prevention device may include check valves, a water meter or an additional PRV.
- If a device that prevents backflow is installed on the cold water supply to the PRV then a means of accommodating expansion due to local warming of the pipe is recommended to be fitted between the device and PRV.
- Refer to 'Installation Manual' and 'Instruction Book' for further 'Technical Information'.

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All dimensions are in mm unless otherwise stated

For information only, DO NOT SCALE drawing

All works shall be carried out in accordance with the Specification

Contractor must verify all dimensions on site before commencing any work or shop drawings

LEGEND

- AAV/AV AUTOMATIC AIR VENT (After removing the air, automatic air vent(s) must be closed)
- IV ISOLATING VALVE
- DOC DRAIN OFF COCK
- NRV NON RETURN VALVE
- DRV DOUBLE REGULATING VALVE
- PRV/SV PRESSURE RELIEF VALVE/SAFETY VALVE
- STR STRAINER
- BV BYPASS VALVE
- FC FLEXIBLE CONNECTION
- INLET CONTROL GROUP
- PG PRESSURE GAUGE
- P PUMP
- TEMPERATURE SENSOR
- TF1 FILTER/STRAINER
- FS FLOW SENSOR
- SCALE TRAP
- DRAIN PIPE

REV	DESCRIPTION	DESN	CHKD	DATE

MITSUBISHI ELECTRIC

CLIENT

PROJECT

FTC7 Packaged 2 x Heating Mixed

TITLE

MECHANICAL SERVICES
MITSUBISHI ECODAN FTC7
WITH PACKAGED CYLINDER
2 HEATING ZONES
DIFFERENT FLOW TEMPERATURES

SCALE	ORIGINAL SIZE		DATE	
NTS	A0		MARCH 2025	
DRAWN	DESIGNED	INIT	CHECKED	INIT
M. G.	M. G.		A. S.	

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