

MODEL	MAX RUNNING CURRENT	MCB
PUHZ–HW140–YHA–2–BS	13A	16A
PAC–IF062B–E	10A	10A
PAC–SIF051B–E	10A	10A

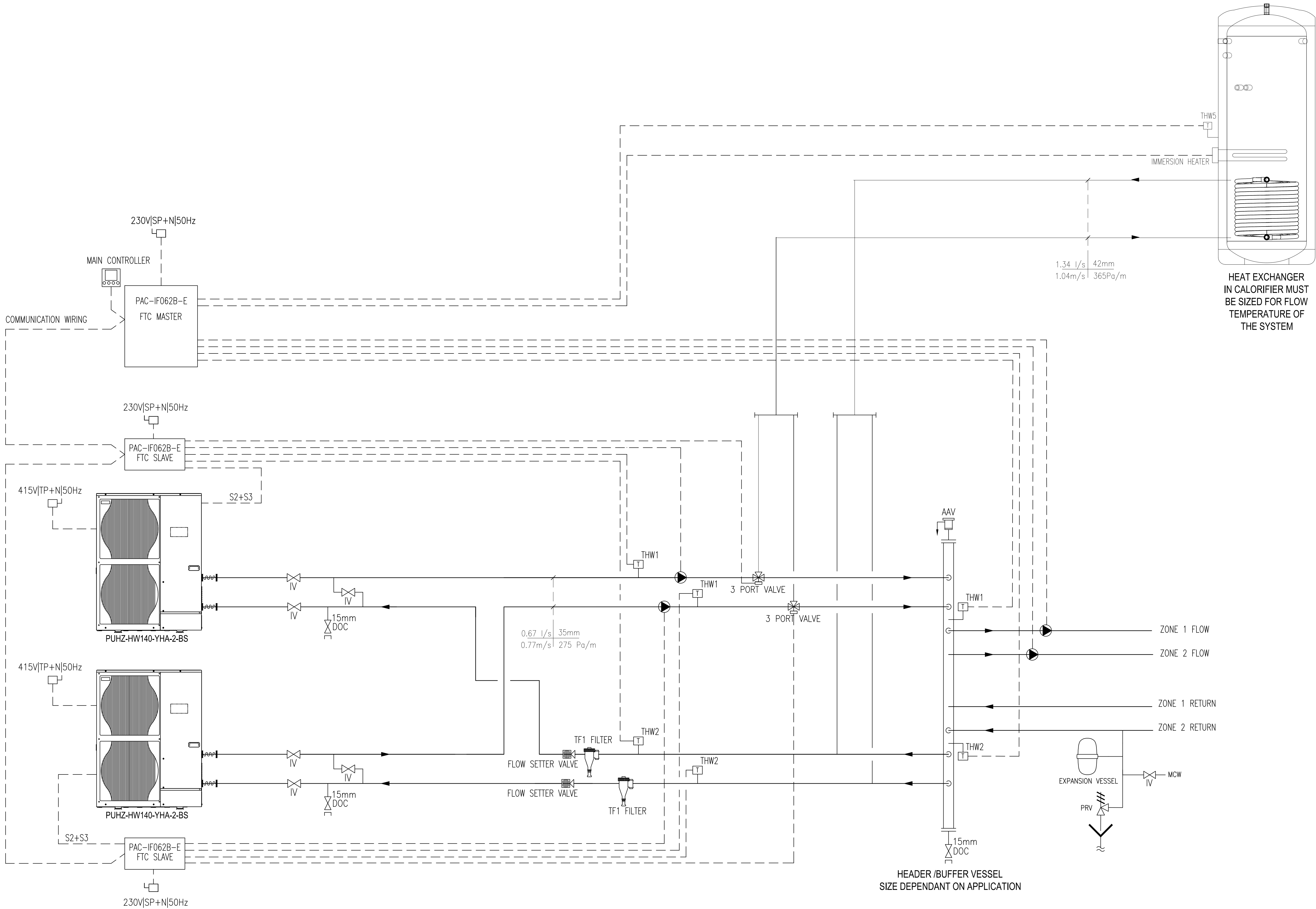
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All dimensions are in mm unless otherwise stated

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



NOTES

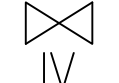
- The Ecodan outdoor unit must be installed on anti-vibration mounts. Rubber mounting blocks are recommended.
- Adequate provision should be made to prevent condensate from collecting around the outdoor units. A soak away or drip tray can be used.
- Flexible hoses shall be used to connect the Ecodan unit to the primary pipe work.
- There must be provision to measure the flow rate through each Ecodan outdoor unit. This can be achieved using mechanical commissioning sets or flow meters installed in the return pipe work to each unit.
- Adequate filtration must be used on the return pipework to each Ecodan outdoor unit. This can be either; Magentic filter (TF1 supplied by MEUK) or strainer with air dirt separator.
- 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 meet the requirement of the application and where possible follow industry guidelines and best practice.
- This schematic must be used in conjunction with the corresponding technical submission document issued by Mitsubishi Electric.

LEGEND

 AAV

AAV

AUTOMATIC AIR VENT

 IV

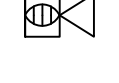
IV

ISOLATING VALVE

 DOC

DOC

DRAIN OFF COCK*

 FS

FS

FLOW SETTER

 TF1

TF1

MAGNETIC FILTER

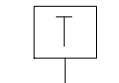
 FC

FC

FLEXIBLE CONNECTION

 PUMP

PUMP

 TEMPERATURE SENSOR

TEMPERATURE SENSOR

 MCW

MCW

MAINS COLD WATER

HYDRAULIC COMPONENTS SUPPLIED BY MEUK

FLEXIBLE PIPES

OPTIONAL HYDRAULIC COMPONENTS SUPPLIED BY MEUK

TF1 FILTER, FLOW SETTER

REV	DESCRIPTION	DESN	CHKD	DATE
 MITSUBISHI ELECTRIC LIVING ENVIRONMENTAL SYSTEMS				
CLIENT				
PROJECT PUHZ–HW140YHA2 STANDARD SCHEMATIC ECODAN CASCADE				
TITLE MECHANICAL SERVICES 2X ECODAN UNITS 2 ZONE DUAL CYLINDER TO LOW LOSS HEADER				
SCALE NTS	ORIGINAL SIZE A1	DATE MAY 2016		
DRAWN R. VENG	DESIGNED R. VENG	INIT	CHECKED J. JEEWOOD	INIT
DRAWING NUMBER MEUK/FTC5/14/2/2Z/2C				REVISION 5