



- NOTES
- All plumbing fittings and outlets must be fitted in accordance with manufacturers instructions and have isolating flow rate and pressure reducing valves as required.
  - The installation must be in accordance with all relevant regulations All products specified on this drawing must be fitted in accordance with all of the manufacturers installation instruction manuals
  - All final pipework to Manifold to be 22 mm diameter for flow and common return and all UFH Circuit must be 16 mm.
  - Primary pipework must be installed to sizes stated in relevant boiler manufacturers data and takes precedence over size stated on the drawings
  - The first meter of pipework from the Heat pump to be copper, all pipework in the airing cupboard and all exposed pipework to be copper.

- KEY
- Flow and Return - F & R Hot
  - Hot Water Supply - HWS
  - Cold Water Supply - CWS
  - Supply Mains Cold Water - MCW
  - Pipework Rise To Above - T/A
  - Pipework Drop To Below - T/B
  - Pipework Drop From Above - F/A
  - Pipework Rise From Below - F/B

- Space Heating Flow
- Common Return
- Domestic Hot Water Supply
- Domestic Cold Water Supply
- Drain

- 2 PORT VALVE (NON MOTORIZED)
- ISOLATION VALVE
- RELIEF VALVE
- PRESSURE REDUCING VALVE
- NON RETURN VALVE
- STAINER
- AUTOMATIC AIR VENT
- TEMPERATURE AND PRESSURE RELIEF VALVE
- PRESSURE GAUGE
- TEMPERATURE GAUGE
- 3 PORT VALVE

This drawing to be read in conjunction with the design specification & schedules and any discrepancies must be reported to Joule UK prior to installation

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# Modulair All-E with UFH

CLIENT	PROJECT	DRAWING TYPE	MODULAIR ALL E 2 ZONE	
JOULE HEATING SOLUTIONS	JOULE HEATING SOLUTIONS	DRAWING TITLE	NOT TO SCALE	
ON BEHALF OF	HOUSE TYPE	DRAWING NUMBER	01/01/2024	SCALE 1:50 @ A3
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