

**AIR SOURCE HEAT PUMP & UFH
OVERALL PLANT & WIRING LAYOUT**

2 CORE
OUTSIDE SENSOR

32 AMP TYPE C MCB 240V 8-12kW
40 AMP TYPE C MCB 240V 18 kW

13 AMP
SUPPLY

11 CORE

ROTARY
ISOLATOR

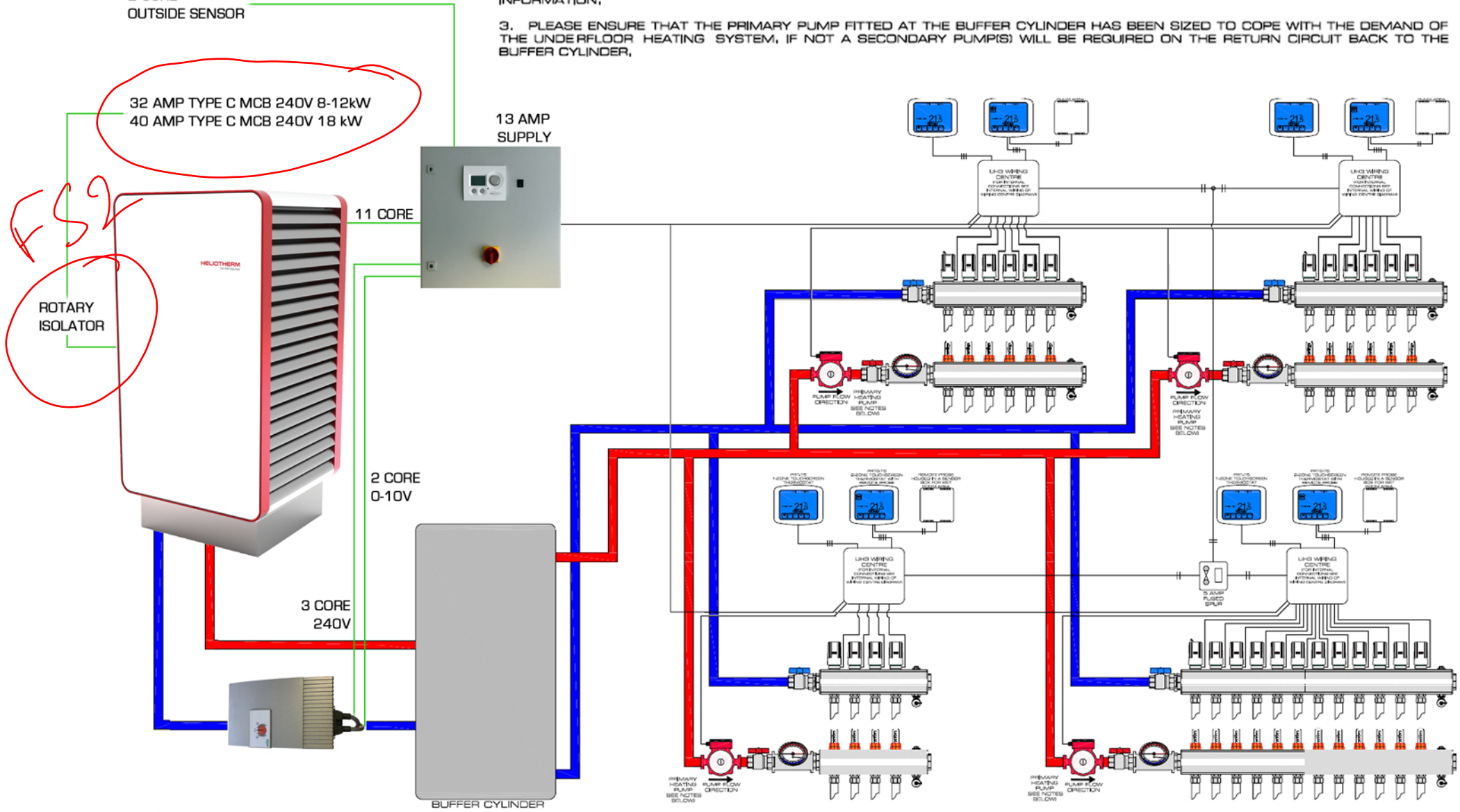
2 CORE
0-10V

3 CORE
240V

BUFFER CYLINDER

IMPORTANT NOTES:

1. PLEASE ENSURE THAT THE CORRECT FLOW & RETURN PIPE SIZING IS INSTALLED. DO NOT SIZE PIPE IN ACCORDANCE WITH THE TAPPINGS ON THE VALVES, PUMPS, ETC. ALL PIPES SHOULD BE SIZED IN ORDER TO COPE WITH THE LOADING OF THE SYSTEM, PLEASE CONTACT OUR OFFICE IF IN ANY DOUBT.
2. ALL NON-RETURN VALVES, 2-PORT MOTORISED VALVES ETC. CAN BE SUPPLIED, PLEASE CONTACT OUR OFFICE FOR FURTHER INFORMATION.
3. PLEASE ENSURE THAT THE PRIMARY PUMP FITTED AT THE BUFFER CYLINDER HAS BEEN SIZED TO COPE WITH THE DEMAND OF THE UNDERFLOOR HEATING SYSTEM, IF NOT A SECONDARY PUMP(S) WILL BE REQUIRED ON THE RETURN CIRCUIT BACK TO THE BUFFER CYLINDER.



EarthSaveProducts UK Distributor
Renewable Energy Solutions **ESP HELIOTHERM**
The Heat Pump

