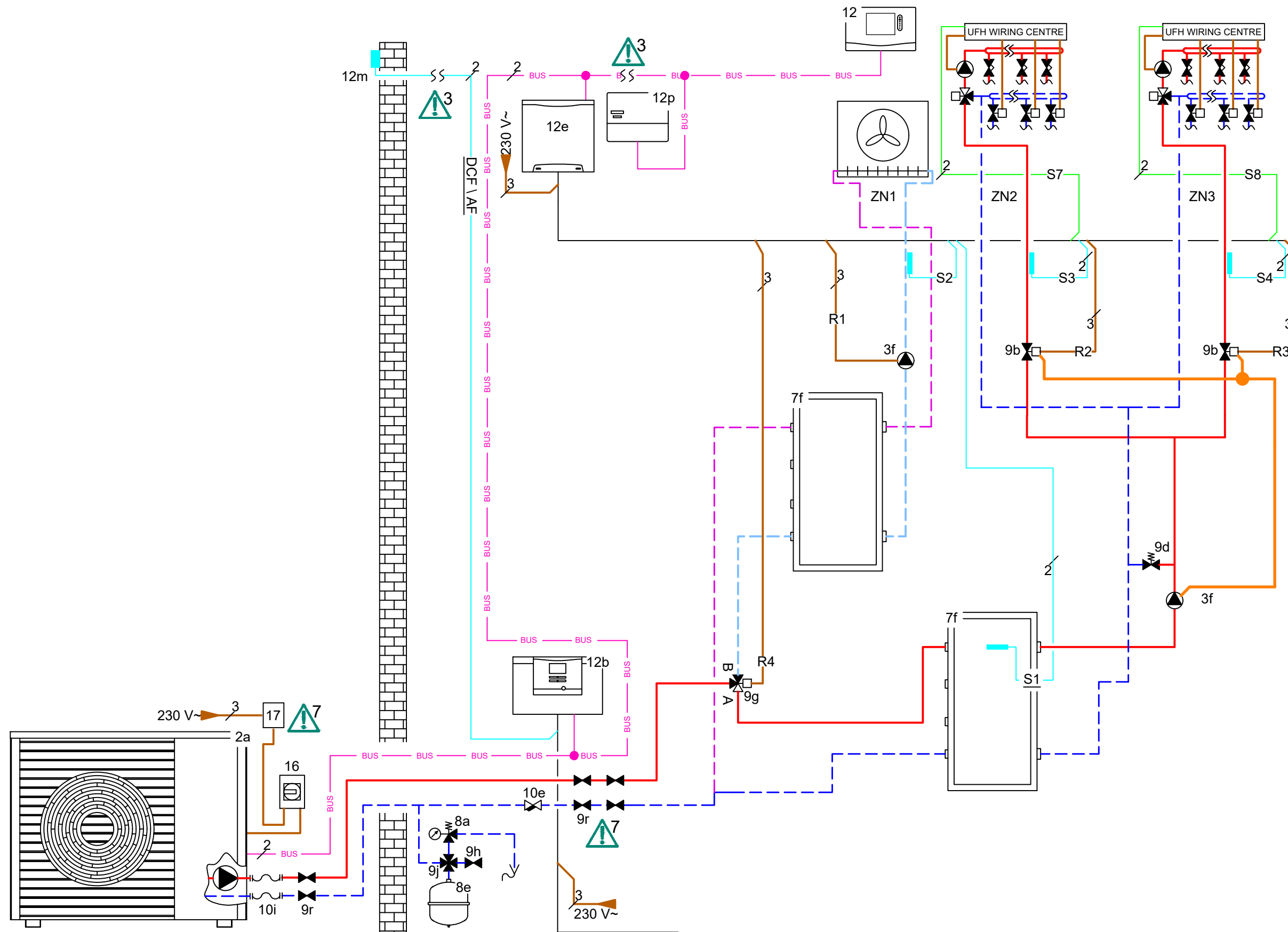



- See page 2 for detailed wiring.
- 1. See page 3 for relevant controller system configuration settings.
 - 3. Controls and outdoor sensor can be wired or wireless.
 - 4. Link required (not factory fitted).

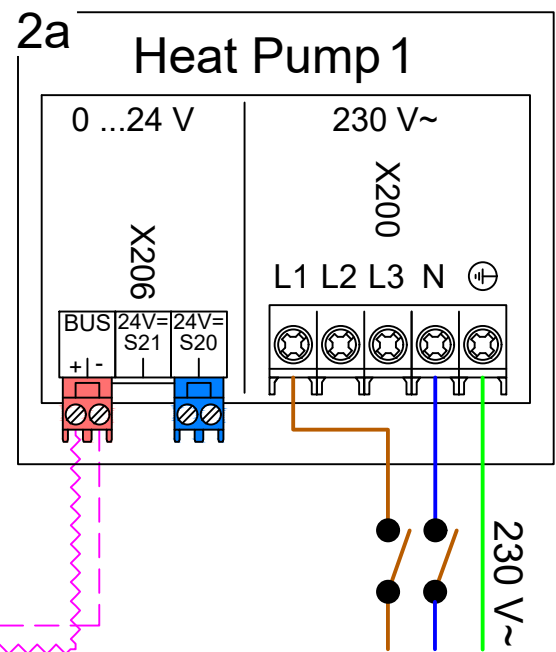
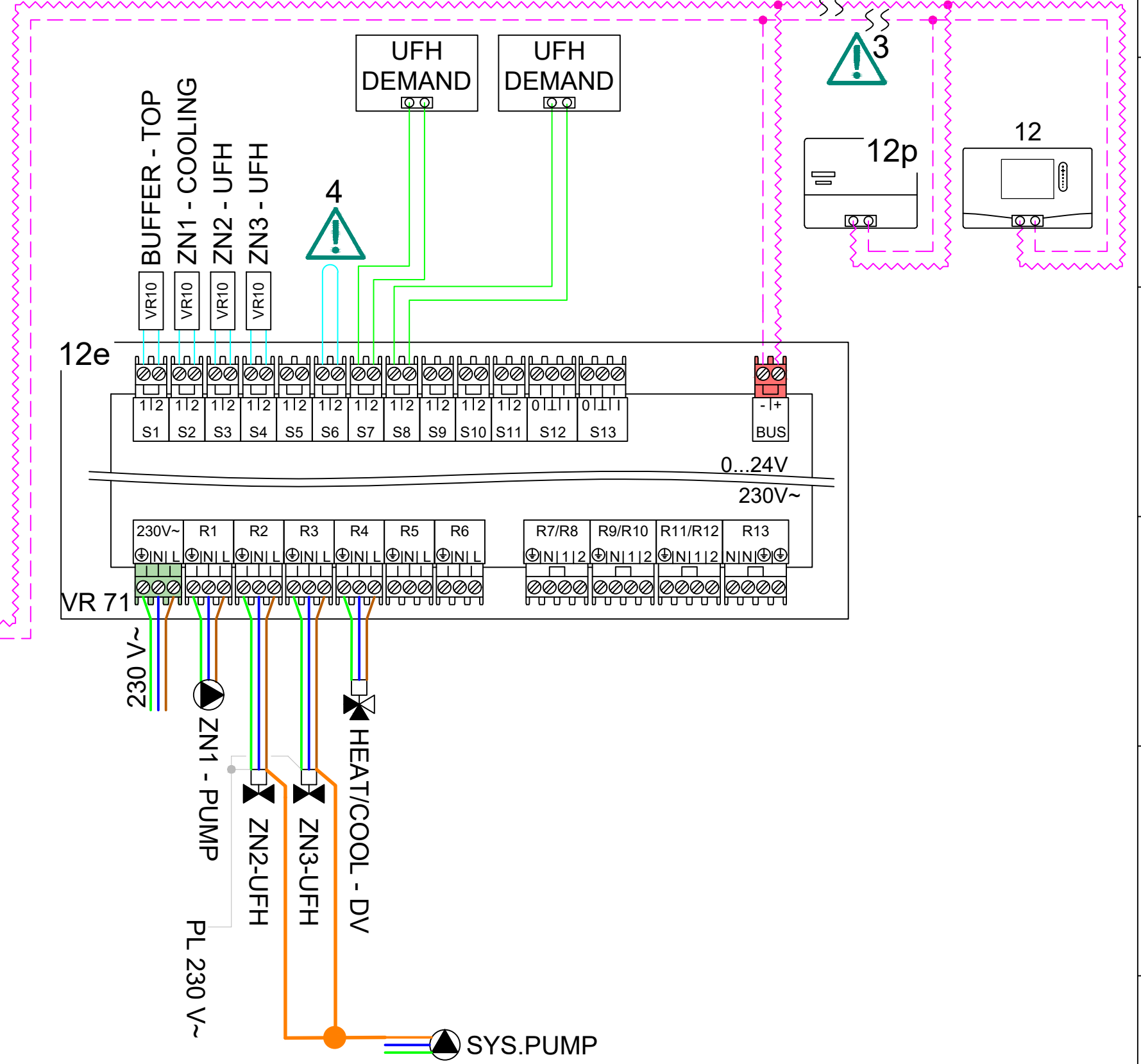
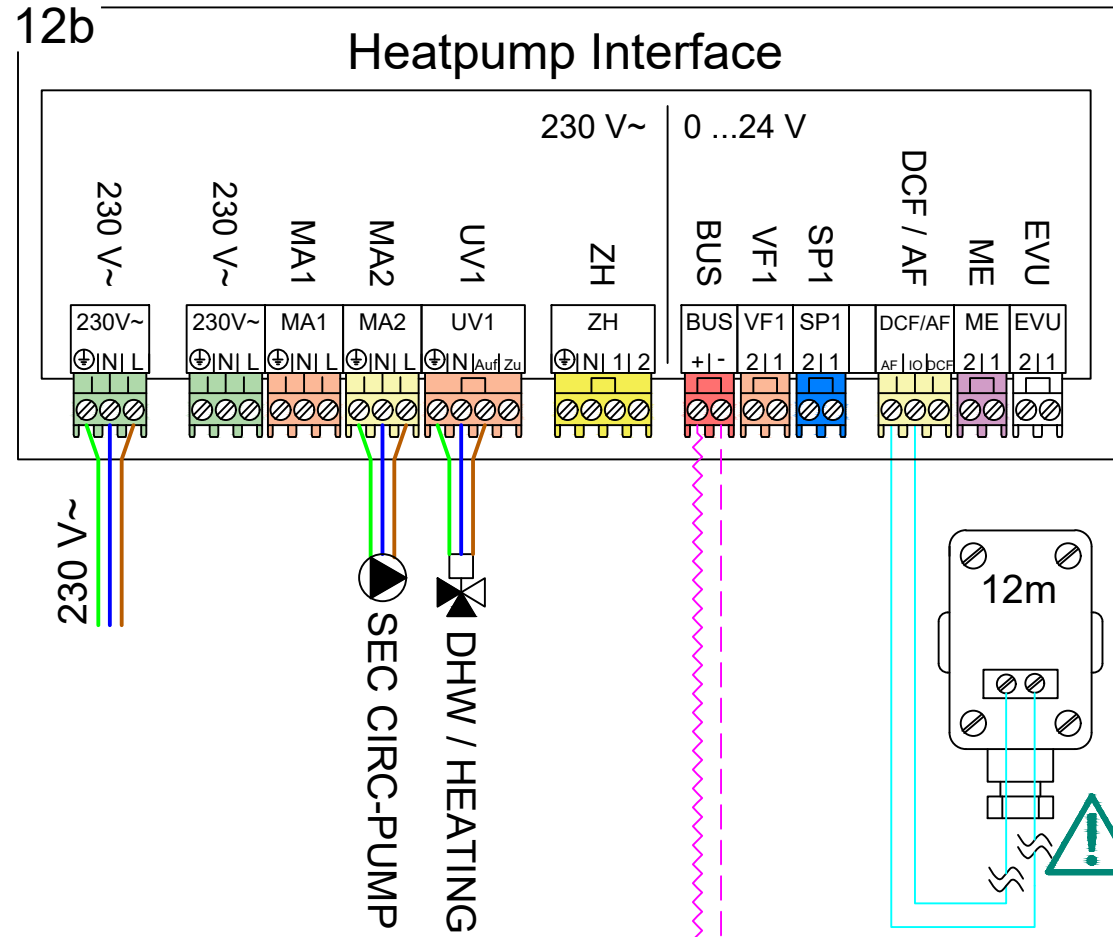
- 7. Optional for heat meters.
- 8. Coil flow rate MUST meet requirements of **COMBINED** HP flow rates
- 15. At least 1 radiator required to be open at ALL times to allow bypass / thermostat zone reference.



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Drawn: A.RICE
04/10/2022 REV: A

Appliance(s): 1x aroTHERM Mono, Buffer 40L
Control(s): sensoCOMFORT

HTG. Circuit(s): 1x Cooling - Direct, 2x UFH - 3rd Party, ----
Domestic Hot Water: ----

30713-1002

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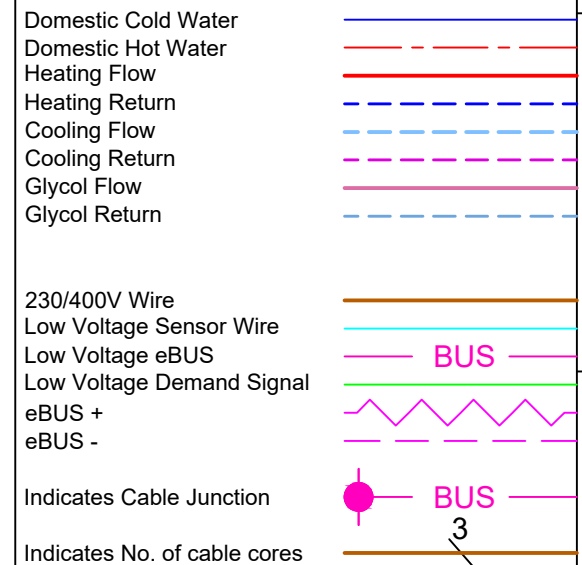
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- 02 aroTHERM Monoblock
- 03f General Pump
- 07f 45L Buffer
- 08a Pressure Relief Valve
- 08e Heating / DHW Expansion Vessel
- 09b Zone Valve
- 09d Bypass Valve
- 09g Diverter Valve
- 09h Fill / Drain Valve
- 09j Expansion Vessel Service Valve
- 09r Isolation Valve
- 10e Y Strainer
- 10i Flexible Connection
- 12 sensoCOMFORT
- 12b Heat Pump Interface
- 12e Wiring Centre - VR 71
- 12m Outdoor Temperature Sensor
- 12p Wireless Reciever
- 16 Rotary Isolator
- 17 Electric Meter

sensoCOMFORT / VRC 700 System Configuration

Not all settings are displayed, commissioning of the controller should be done diligently; going through each adjustable option with consideration to the property and system requirements.

Setting	Value	Setting	Value
Installation		Circuit 2	
Adapt. heat curve:	Deactivated	Circuit type:	Heating
Hybrid manager:	Bivalence pt	OT switch-off threshold:	30°
Heating bivalence point:	-20°	Heat curve:	**Site specific
DHW bivalence point:	-20°	Min. target flow temperature:	15°
Alternative point:	Off	Max. target flow temperature:	45°
Back-up boiler:	Off	Set-back mode:	Eco
Conf. ext. input:	Open, deactiv.	Room temp. mod.:	Inactive
Actuation reversal:	On	Circuit 3	
Basic system diagram config.		Circuit type:	Heating
Basic system diagram code:	16	OT switch-off threshold:	30°
FM5 configuration:	3	Heat curve:	**Site specific
FM5 MO:	Cooling Signal	Min. target flow temperature:	15°
HP control module configuration		Max. target flow temperature:	45°
MO 2:	Secondary Circ Pump	Set-back mode:	Eco
Circuit 1		Room temp. mod.:	Inactive
Circuit type:	Heating	Zone 1	
OT switch-off threshold:	10°	Zone activated:	Yes
Heat curve:	0.1	Zone assignment:	Control
Min. target flow temperature:	10°	Zone 2	
Max. target flow temperature:	10°	Zone activated:	Yes
Set-back mode:	Normal	Zone assignment:	No assignmt
Room temp. mod.:	Expanded	Zone 3	
Cooling Possible	Yes	Zone activated:	Yes
		Zone assignment:	No assignmt



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