



**Any doubt of the content of these drawings,
please contact AUX UK desing office via:
www.auxuk.com or info@auxuk.com**

Please note that the diagram is for general information only and may be subject to alteration at any time. The advice and input of a professional, qualified, Gas Safe / MCS installer must be sought. Any reproduction of the design must have the prior permission of AUX UK and all applicable laws and regulations must be followed.

Hydraulics:

- 3 - AUX R290 Monoblock HP
- 4 - DHW Cylinder
- 5 - Buffer Tank
- 6 - Expansion Vessel
- 7 - DWH Inlet Safety Group
- 8 - Non-return Valve
- 9 - Magnetic Filter
- 10 - Bypass Valve
- 11 - Isolation Valve
- 11.a - Isolation Valve (optional)
- 12 - Y Strainer
- 13 - Radiator

- 1.a - Controller LV
- 1.b - Room Thermostat (3rd party) LV
- 1.c - Diverter Valve 230 V
- 1.d - Central Heating Pump 230V
- 1.e - DHW Secondary Circulation Pump 230V
- 1.f - DHW Cylinder Temperature Sensor LV
- 2.a - Rotary Isolator
- 2.b - ElectricMeter

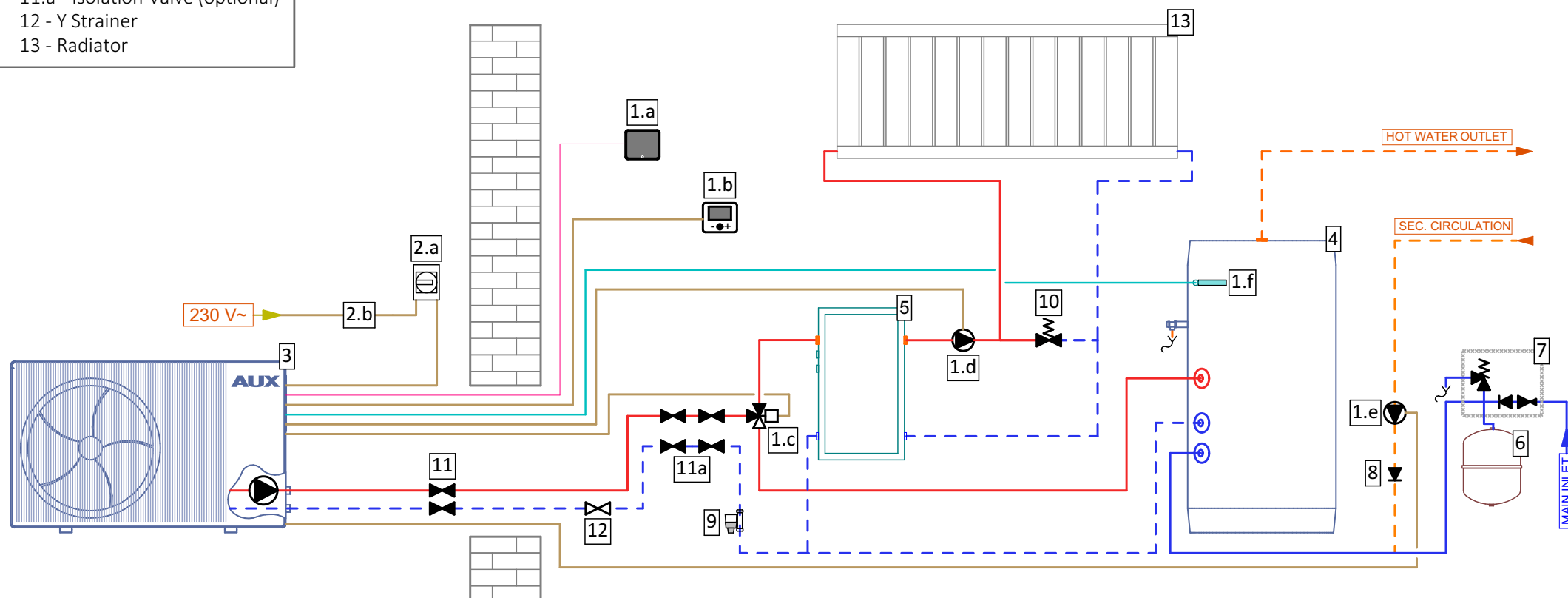
Mains Cold Water —————

Domestic Hot Water - - - - -

Heating Flow —————

Heating Return - - - - -

230/400V Wire
Low Voltage Sensor Wire
Low Voltage Controller Wire



AUX UK Disclaimer: AUX UK is not responsible for any inaccuracies or omissions in the information and drawings provided to it and it relies on these when constructing the diagram, as these drawings are supplied for information purpose and general guidance only.

Page 1 / 2

Domestic Hot Water: 1x Cylinder

Electrical Principle Diagram

Components Description

Room-C1: Cool Zone1 Room thermostat (low voltage)
Room-H1: Heat Zone1 Room thermostat (low voltage)
Room-C2: Cool Zone2 Room thermostat (low voltage)
Room-H2: Heat Zone2 Room thermostat (low voltage)

BK: Black; **BU:** Blue; **BN:** Brown;
YE: Yellow; **YG:** Yellow/Green.

KM1: Zone 1 Pump AC Contactor 2
KM2: DHW Pipe Pump AC Contactor 1
KM3: Electrail Heating for Water Tank AC Contactor 3
KM4: Solar Pump AC Contactor 4
KM5: Zone 2 Pump AC Contactor 5
KM6: Additional Heat Source AC Contactor 6

RT: Room Thermostat
DV: Diverter Valve
CHP: Central Heating Pump
TWT: Tank Water Temperature Sensor
C: DHW Controller on the PCB



AUXUK

Any doubt of the content of these drawings, please contact AUX UK desing office via: www.auxuk.com or info@auxuk.com

