

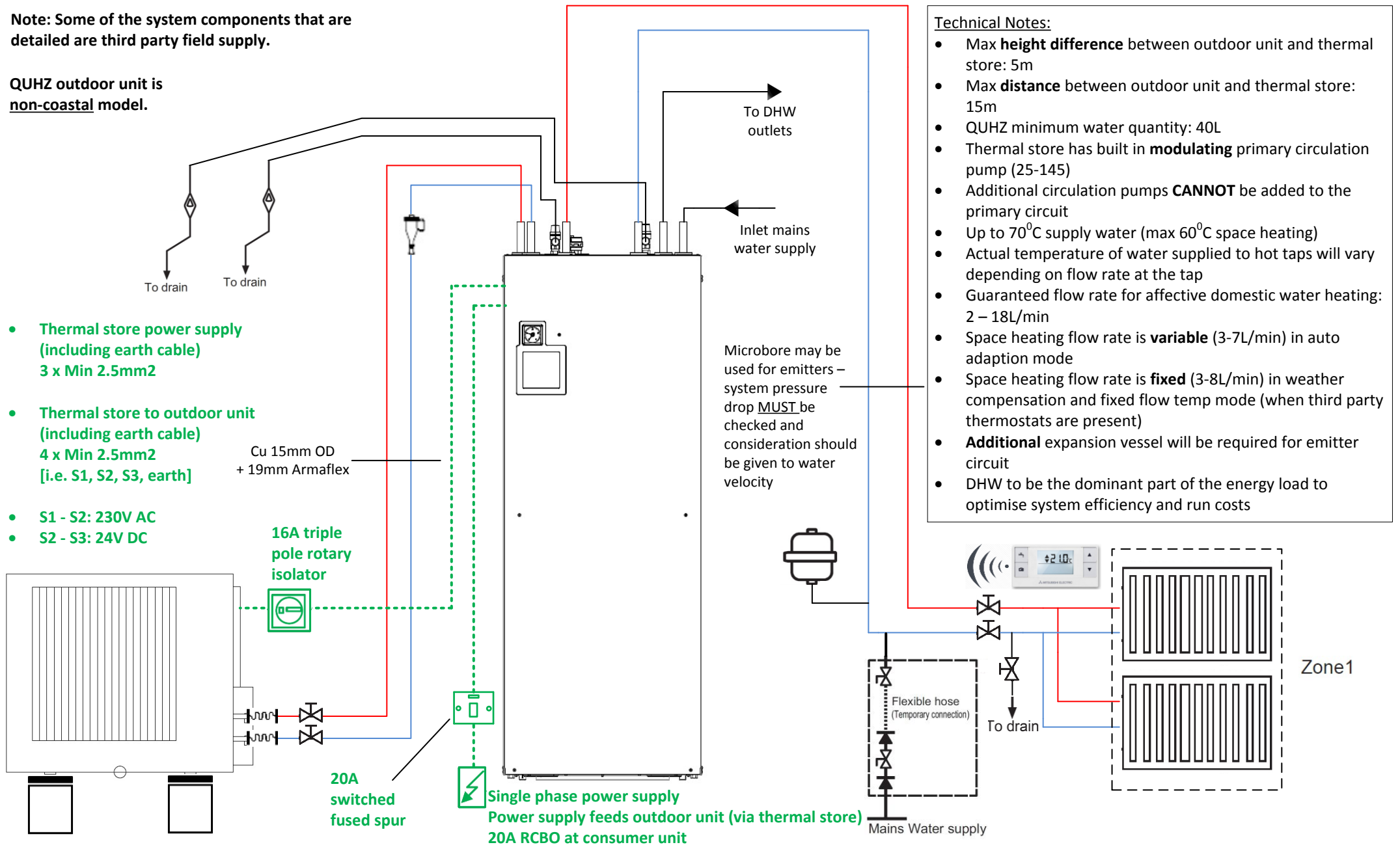
Note: Some of the system components that are detailed are third party field supply.

QUHZ outdoor unit is non-coastal model.

- Thermal store power supply (including earth cable)
3 x Min 2.5mm²

- Thermal store to outdoor unit (including earth cable)
4 x Min 2.5mm²
[i.e. S1, S2, S3, earth]

- S1 - S2: 230V AC
- S2 - S3: 24V DC



Technical Notes:

- Max **height difference** between outdoor unit and thermal store: 5m
- Max **distance** between outdoor unit and thermal store: 15m
- QUHZ minimum water quantity: 40L
- Thermal store has built in **modulating** primary circulation pump (25-145)
- Additional circulation pumps **CANNOT** be added to the primary circuit
- Up to 70°C supply water (max 60°C space heating)
- Actual temperature of water supplied to hot taps will vary depending on flow rate at the tap
- Guaranteed flow rate for affective domestic water heating: 2 – 18L/min
- Space heating flow rate is **variable** (3-7L/min) in auto adaption mode
- Space heating flow rate is **fixed** (3-8L/min) in weather compensation and fixed flow temp mode (when third party thermostats are present)
- **Additional** expansion vessel will be required for emitter circuit
- DHW to be the dominant part of the energy load to optimise system efficiency and run costs



Project: N/A		Client: N/A		Drawing number: QUHZ/W40/20Q/01	Key:	Isolating valve
Scale: NTS @ A4	Date: 10/05/16 Drawn / Checked: RT / JJ	Title: Ecodan QUHZ system 1 x heating (no booster heater)				Revision: 1
					Magnetic filter	Flexible hose