



Back boiler cooling valve
Jaspi TSK or similar

50L expansion vessel with a
pressure gauge and filling loop

Auto air vent

Woodburner flow

Gas boiler with internal pump

Gas boiler flow

Immersion heater 1

Solar
PV

Radiators

Circulation
pump

Radiator flow

Gas boiler return

Heat transfer pump.
Loading unit can also be used.

Woodburner return

Radiator return

2.5bar pressure
relief valve
Must be fitted !

Drain

Optional potable water
expansion vessel 5-8L

DHW mixing valve

House services

6-9bar Pressure relief valve. Must be fitted !

Connection point for the secondary
hot water return, if used.

Non-return valve

UHF Flow

Solar
PV

Immersion heater 2

Cold water feed

UHF Return

NOTE

The installer must ensure the incoming cold mains
feed has all the required safety devices fitted.

A pressure relief valve **MUST** be fitted into the domestic
hot water circuit.

A DHW expansion vessel and mixing valve are optional.

INSTALLATION NOTES

Please refer to a separate drawing for the radiator connection as a mixing valve can also be used.
Woodburner output is prioritised for the domestic hot water due to the limited power of 7kW.
Immersion 1 is for the domestic hot water, immersion 2 is for both, heating and domestic hot water.
Gas boiler heats up the whole store.
Solar coil is not needed for the woodburner as the burners back boiler is pressurised.
Please follow the woodburner installation instructions for the cooling valve and the heat transfer pump / loading unit.

JASPI UK www.jaspi.uk

Ultrastore 500
System drawing

DRAWN	VERSION	DATE	DRAWING REF.
SS	Bespoke		Customer