



# ATON DeltaSOL BS Controller

- Specially designed RESOL controller for use with a drainback system.
- Backlit LCD display with 3 push buttons.
- Temperature difference controller (also known as Delta T, or DT controller).
- Pump hours run and heat meter functions.
- Attractive design casing.
- User friendly operation and set-up.
- System diagram with flashing symbols for temperature sensors and pump.
- Readouts of all temperatures available.

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## How it works:

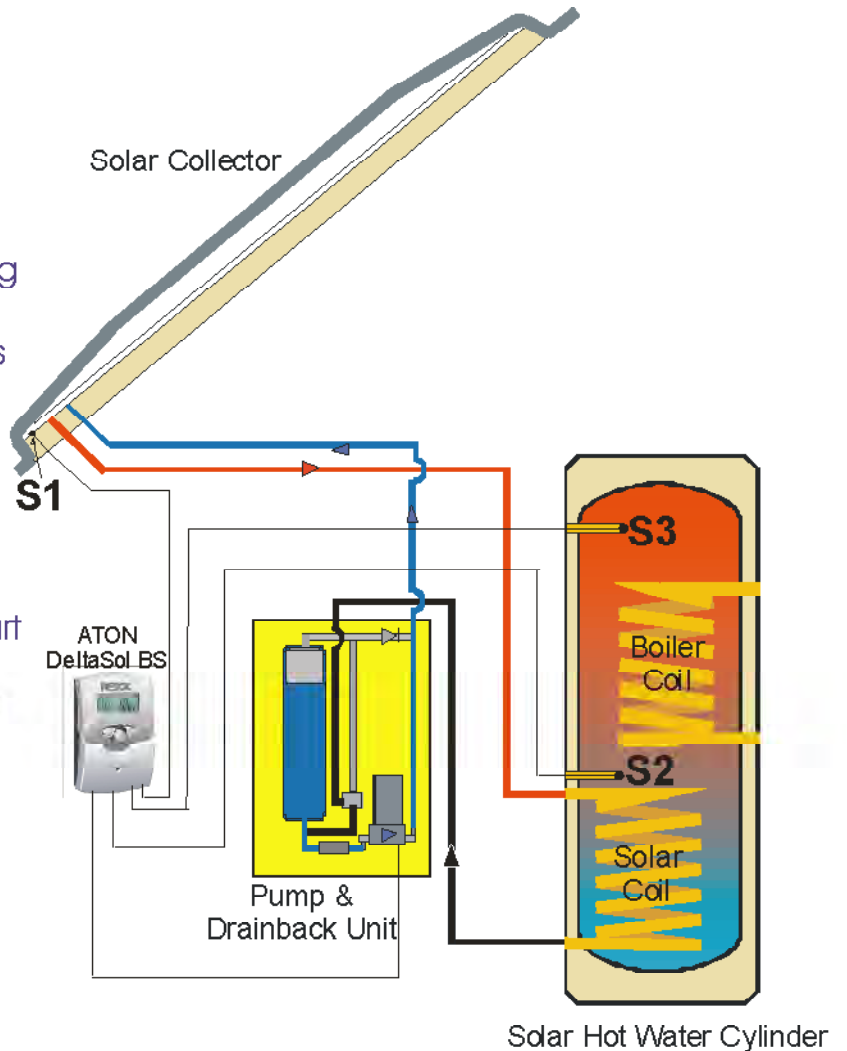
Once there is a temperature difference (DT) detected between the collector and the cylinder, the controller unit turns the pump on and the solar circuit becomes effective. Once this temperature difference falls below a certain level the pump is turned off, optimising system effectiveness (Typically this DT on will be 4°C and DT off will be 2°C).

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# ATON Deltasol BS Controller

## Specification:

- Supplied with three PT1000 temperature sensors.
- One sensor is designed for mounting onto the ATON solar collector.
- Special DC powered controller, plus
- Phone charger style mains power supply unit.
- Suitable for use with drainback systems - has a fill delay and a drainback time delay, normally set to 4 minutes.
- Variable deltaT settings for pump start and stop.
- Maximum store temperature setting (20-95°C).
- Replaceable fuse (plus spare fuse supplied)
- Additional features and functions available - see full RESOL installation manual for details.
- Simple to wire.



## Symbol Specification

S1	Collector sensor
S2	Store sensor lower
S3	Store sensor top

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