

SOLARSAVE

Pre-plumbed Solar Units

HEAT PUMP UNITS
AVAILABLE

GRANT APPROVED



Hot Water Storage Solutions
for Renewable Energy



ME McDONALD ENGINEERS
HOT WATER SYSTEMS

SOLARSAVE

Pre-plumbed Solar Units

The range of SOLARSAVE units has been designed to give a simplicity to Solar installations not previously available. A Resol "Flowcon" unit, attached to a McDonald Engineers Dual Coil copper cylinder, controls the Solar System. The unit has all the major solar components pre-fitted and pre-wired and is supplied with a 10m long solar collector sensor, ready fitted. Connect this and the flow and return pipe-work from the "Flowcon" unit to the Solar Panels and the Solar System is ready to use. This drastically reduces installation time, costs and potential problems.

Advantages

- Quick and easy to install, reducing costs.
- Major components pre-fitted and pre-wired.
- Suitable for Flat Plate or Evacuated Tube collectors.
- High Efficiency Dual Coil Cylinder
- Attractive White Casing
- Vented and WRc approved Unvented available
- Custom made units readily available

SIZING GUIDE*

Capacity	No. of People	Panel Area	Overall Dimensions
150 Litre	1 - 2	2 – 2.5m. square	1125 x 530 x 750mm
165 Litre	2 - 3	2.5 – 3m. square	1225 x 530 x 750mm
180 Litre	2 - 4	3 – 4m. square	1325 x 530 x 750mm
210 Litre	3 - 5	4+ m. square	1525 x 530 x 750mm

*These are only our standard sizes. Specials can also be manufactured - smaller, larger, different height, diameter etc. Please contact us with your requirements.

RESOL FLOWCON UNIT

- Differential Temperature Controller
- Wilo ST20/6 Solar Thermal Pump (Grundfos available on request)
- 3 Bar Safety Valve (6 Bar on request)
- Pressure Gauge
- Flowsetting Valve: 1-13 litres/minute
- Flow and Return thermometers
- Non-return valve
- Max. working temperature 150°C
- Brass fittings
- Insulation 0.04IWmK.
- Seals EPDM/Teflon

MCDONALD ENGINEERS CYLINDERS

- High efficiency Solar Coil
- Manufactured in copper – tried and tested
- Cylinders 100% recyclable
- The best quality and service
- Quick recovery Boiler Coil
- Compression connections.
- Solar Probe Pockets
- CFC free, foam insulated with high quality white Plastisol cased finish
- Vented and Unvented units available
- Individually tailored units

McDonald Engineers, Queensway Industrial Estate, Glenrothes, Fife KY7 5QF.

Tel: 01592 611123 Fax: 01592 611166

E-mail: sales@mcdonald-engineers.com Internet: www.mcdonald-engineers.com