

# Ecoline Twin Coil - RI TC / Ecoline Solar Direct - RI SD



Heating coils in OSO cylinders are made of smooth coil that will not encourage limescale deposits and offer longer and more efficient life than finned or rippled coils. OSO coils have increased length compared to finned coils, carry more heating fluid (8 litres) and therefore have a greater heat transfer capacity.

## Providing free solar heated hot water

**The Ecoline Solar Direct is a purpose-designed solar ready unvented cylinder, providing high solar input from the large heating coil and substantial dedicated solar volume. The Solar Direct has back-up heating with twin electric immersion heaters. High performance fully flooded design, with expansion vessel supplied with the cylinder.**

The Solar Direct is able to provide up to 60% of annual domestic hot water requirements from free solar energy captured by roof panel collectors.

**The EcolineTwin Coil is a purpose-designed unvented cylinder for combining alternative heat sources. A low temperature heat source in combination with a high temperature heat source is the optimal combination.**

OSO Solar cylinders are able to provide up to 60% of annual domestic hot water requirements from free solar energy captured by roof panel collectors. Ecoline Twin Coil contains a large high efficiency solar coil in the base.

Solar or heat pump installations using the Ecoline can be eligible for government backed Renewable Heat Incentive. Ecoline RI SD and TC are ideal for connection with all types of solar collectors and should be connected with a differential controller to complete a high performance system. Both are supplied with twin bosses and dry pockets at low and high levels for insertion of temperature sensor probes. Expansion vessel supplied.

### ADVANTAGES

- Large heating coil(s) specifically designed for solar collectors
- Low heat loss from OSO ECO Foam insulation.
- High dedicated solar volume.

### PRODUCT DATA

|                 |                            |
|-----------------|----------------------------|
| Guarantee       | Tank 25 yrs* - parts 2 yrs |
| Insulation      | ECO Foam - water based     |
| Certification   | CE / KIWA                  |
| El. element     | 5/4" thread                |
| Thermostat      | 40-70°C (preset 60°C)      |
| Exp. vessel     | External                   |
| Safety valve    | 10 bar/90-95°C - fitted    |
| *Subject to T&C |                            |

### Technical Data Fiche

| Prod. No. | Product code:                                     | Dedicated Solar Vol. Vs | Capacity persons | Weight kg. | DiaxHeight mm. | Upper coil rating kW | Upper rec. time min. | Volume L | Heat loss kWh/d | Heat loss W | Rating ErP |
|-----------|---|-------------------------|------------------|------------|----------------|----------------------|----------------------|----------|-----------------|-------------|------------|
| 132 6530  | RI SD 250 - 3+3kW/1x240V+coil 0.8m <sup>2</sup>   | 97                      | 2.5              | 53         | ø580x1400      | N/A                  | N/A                  | 230      | 1.95            | 81          | C          |
| 132 6630  | RI SD 300 - 3+3kW/1x240V+coil 0.8m <sup>2</sup>   | 97                      | 3.5              | 56         | ø580x1600      | N/A                  | N/A                  | 268      | 2.19            | 91          | C          |
| 132 6410  | RI TC 200 - 3kW/1x240V+coil 0.8+0.5m <sup>2</sup> | 97                      | 2.5              | 50         | ø580x1150      | 10.8                 | 22                   | 183      | 1.77            | 73          | C          |
| 132 6510  | RI TC 250 - 3kW/1x240V+coil 0.8+0.5m <sup>2</sup> | 97                      | 3.5              | 54         | ø580x1400      | 11.0                 | 29                   | 230      | 2.00            | 84          | C          |
| 132 6610  | RI TC 300 - 3kW/1x240V+coil 0.8+0.5m <sup>2</sup> | 97                      | 4.5              | 57         | ø580x1600      | 10.8                 | 39                   | 268      | 2.20            | 92          | C          |
| 132 6710  | RI TC 380 - 3kW/1x240V+coil 0.8+0.8m <sup>2</sup> | 128                     | 5.5              | 83         | ø580x2100      | 16.4                 | 32                   | 361      | 2.50            | 104         | C          |