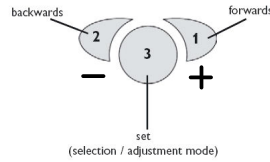


RESOL, SOLAR SETTINGS PURE ENERGY (MODEL BS/4-SO) V0.0 6-Feb-08

Adjustment keys



**Model BS/4.
Pump Speed
Control Version**

**With Solar Spill
Off (Dump)**

To View the Readings such as Solar Collector Temperature.

Press & Release 'Release' '+' button to scroll down, Press & Release button '-' to scroll up

To View the Settings.

Press & Hold '+' button for 2 seconds. To Scroll Down, Press & Release '+' button, '-' to Scroll up.

To Change the set value that is displayed.

(NOTE: Do NOT change any Settings unless advised to do so by a Professional)

Press 'OK' button until the "SET" word on the display flashes, now press + or - button to change the value. Press SET again to save and exit set mode.

SETTINGS

(N/A means that there is no settable value here, E.G. Collector Temperature is just a readout value.)

| SETTING NAME | FUNCTION | RANGE | SETTING VALUE |
|--------------|--|---------------|----------------------------|
| COL | Collector Temperature, Information only, No Setting | N/A | Information Readout |
| TST | Temperature Store(Cylinder) , Information only, No Setting | N/A | Information Readout |
| n % | Current pump speed | 30-100% | Information Readout |
| HP | Operating Hours, Information only, No Setting | N/A | Information Readout |
| ARR | Arrangement | 1-2 | 2 |
| DT 0 | Switch-ON, Temperature Difference | 1.0-20.0 °C | 4.5 °C |
| DT F | Switch-OFF, Temperature Difference | 0.5- 19.5 °C | 2.5 °C |
| DT S | Nominal Temperature Difference | 1.5-30.0 °C | 1.5 °C |
| RIS | Raise | 1.0-20.0 °C | 1.0 °C |
| SMX | Maximum Store Temperature | 2.0-95.0 °C | 85°C |
| EM | Limit Collector Temperature | 110 °C- 200°C | 170 °C |
| OCX | System Cooling Option | On/Off | ON |
| CMX | Maximum Collector Temperature | 100-190 °C | 140 °C |
| OCN | Minimum Collector Temperature | On -off | Off |
| OCF | Antifreeze Function | On -off | Off |
| OREC | Option Re-cooling | On-Off | On |
| OTC | Tube Collector Special | On-Off | On |
| AH O | Thermostat Switch ON Temp | 0-95C | 85 oC |
| AH F | Thermostat Switch OFF Temp | 0-95C | 80 oC |
| OHQM | Heat Quantity Balancing | On -off | Off |
| nMN | Pump Speed Control | 30 - 100 | 30 |
| HND1 | Solar Pump Control | On/Off/Auto | AUTO |
| HND2 | 2 nd Relay Output (Not Used) | On/Off/Auto | AUTO |
| LANG | Language | | EN |
| PROG | Program No | N/A | 69.30 |
| VERS | Program Version | N/A | 1.05 |

- The control unit records the temp differential between the collector temp and the cylinder temp, and compares that differential with start-up temp differential "DT 0". The solar circuit pump is started if that value is exceeded, and the display shows "(I)". The pump will be switched off if the actual temp falls below the shutdown temp differential "DT F".