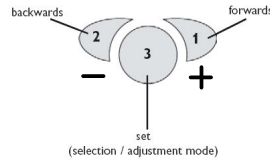
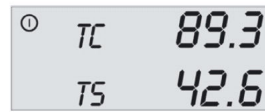


## **RESOL, SOLAR SETTINGS PURE ENERGY (MODEL BS/4-SO) V1.0 8-Feb-08**

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 '+' 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	<b>Information Readout</b>
TST	Temperature Store(Cylinder) , Information only, No Setting	N/A	<b>Information Readout</b>
n %	Current pump speed	30-100%	<b>Information Readout</b>
HP	Operating Hours, Information only, No Setting	N/A	<b>Information Readout</b>
ARR	Arrangement	1-2	<b>2</b>
DT 0	Switch-ON, Temperature Difference	1.0-20.0 °C	<b>4.5 °C</b>
DT F	Switch-OFF, Temperature Difference	0.5- 19.5 °C	<b>2.5 °C</b>
DT S	Nominal Temperature Difference	1.5-30.0 °C	<b>5 °C</b>
RIS	Raise	1.0-20.0 °C	<b>1.0 °C</b>
SMX	Maximum Store Temperature	2.0-95.0 °C	<b>85°C</b>
EM	Limit Collector Temperature	110 °C- 200°C	<b>170 °C</b>
OCX	System Cooling Option	On/Off	<b>ON</b>
CMX	Maximum Collector Temperature	100-190 °C	<b>140 °C</b>
OCN	Minimum Collector Temperature	On -off	<b>Off</b>
OCF	Antifreeze Function	On -off	<b>Off</b>
OREC	Option Re-cooling	On-Off	<b>On</b>
OTC	Tube Collector Special	On-Off	<b>On</b>
AH O	Thermostat Switch ON Temp	0-95C	<b>85 oC</b>
AH F	Thermostat Switch OFF Temp	0-95C	<b>80 oC</b>
OHQM	Heat Quantity Balancing	On -off	<b>Off</b>
nMN	Pump Speed Control	30 - 100	<b>30</b>
HND1	Solar Pump Control	On/Off/Auto	<b>AUTO</b>
HND2	2 <sup>nd</sup> Relay Output (Not Used)	On/Off/Auto	<b>AUTO</b>
LANG	Language		<b>EN</b>
PROG	Program No	N/A	<b>69.30</b>
VERS	Program Version	N/A	<b>1.05</b>

- 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".