■ SOLAR & HEATING CONTROLLERS

The RESOL product range includes a range of high-class solar thermal and heating controllers as well as a broad variety of accessories for the efficient use of energy.

All RESOL products are future-oriented, sophisticated and unique in their design. Just like our ideal: nature!

RESOL controllers measure the temperatures of collectors, stores and other heat generators. By evaluating these measurements, the hot water distribution is efficiently controlled via pumps and valves.

* The cTUVus / cLCus certification confirms that the controller meets the demands of the UL 60730-1:2009 and CSA B60730.1:2002 standards.

■ SOLAR PUMP STATIONS

RESOL controllers are also among the main components of the RESOL pump stations which provide all the vital electronic and hydraulic components of a solar thermal system in one pre-assembled unit.

EEI < 0.23 The Ecodesign Directive is coming. From August 1, 2015 on, solar thermal pumps must have an EEI (Energy Efficiency Index) of < 0.23.

With RESOL you are well-prepared! (Applies only to pump stations with integrated high-efficiency pump only)

■ DATALOGGER & VBUS® ACCESSORIES

The RESOL VBus® enables the communication between controllers and additional modules. In our broad range of accessories, system visualisation plays a major role.

In order to meet the need to make the solar heat gained visible, RESOL offers a number of different display units.

Solar-nu.nl

RESOL®
CONTROL TECHNOLOGY

DeltaSol® MX

- 14 sensor outputs & 12 relay inputs
- Data logging, storing and firmware updates via SD memory card
- Up to 5 extension modules via VBus® (45 sensors and 39 relays in total)
- Speed control of high-efficiency pumps

cLCus certified!*

DeltaSol® BX

- 4 relay outputs & 7 sensor inputs
- Data logging onto SD memory card
- 26 systems to choose from
- Drainback option
- Speed control of high-efficiency pumps

cTUVus certified!*

DeltaSol® BX Plus

- 5 relay outputs & 8 sensor inputs
- Data logging, storing and firmware updates via SD memory card
- Automatic function control according to the VDI directive 2169
- Speed control of high-efficiency pumps

FlowSol® S

- Pre-assembled single-line pump station
- Standard or high-efficiency pump
- Safety assembly with connection for the diaphragm-type expansion vessel, safety valve and pressure gauge
- Fill and drain valves

FlowSol® B

- Pre-assembled twin-line pump station
- Standard or high-efficiency pump
- Innovative hinged controller panel for quick and easy access to the hydraulic components
- Safety assembly with connection for the diaphragm-type expansion vessel, safety valve and pressure gauge

SBS 2000

- Filling and flushing station for heat transfer fluids and cleaning fluids
- Extra large opening
- Easy-access connection
- Powerful pump

DL2 Datalogger

- Visualisation of system states
- Yield monitoring
- LAN socket for connection to a network
- Easy configuration by integrated Web interface for standard internet browsers

DL3 Datalogger

- BACnet functionality for BACnet-conform transmission and reception of data
- Data logging and parameterisation of up to 6 VBus® master devices
- Temperature measurements and logging via integrated sensor-/impulse inputs possible

SD3 Smart Display

- Visualisation of collector & store temperature as well as of heat quantity
- Simple connection & power supply via VBus®
- One 6-digit and two 4-digit 7-segment LED displays