



**POOL-CONTROL-30**

New comfortable **OSF** micro processor control for a modern swimming pool with 230V filter pump.

A digital display indicates both the water temperature and the time.

By pressing the information button „i“, the temperature sensor values, the counter for hours of operation, the language of the country and additional equipment information are indicated in the display. A back wash control for two rod valves (back wash and clear rinsing) and an anti-icing function for outdoor swimming pools have been integrated as a standard. The anti-icing function may be switched, if required.

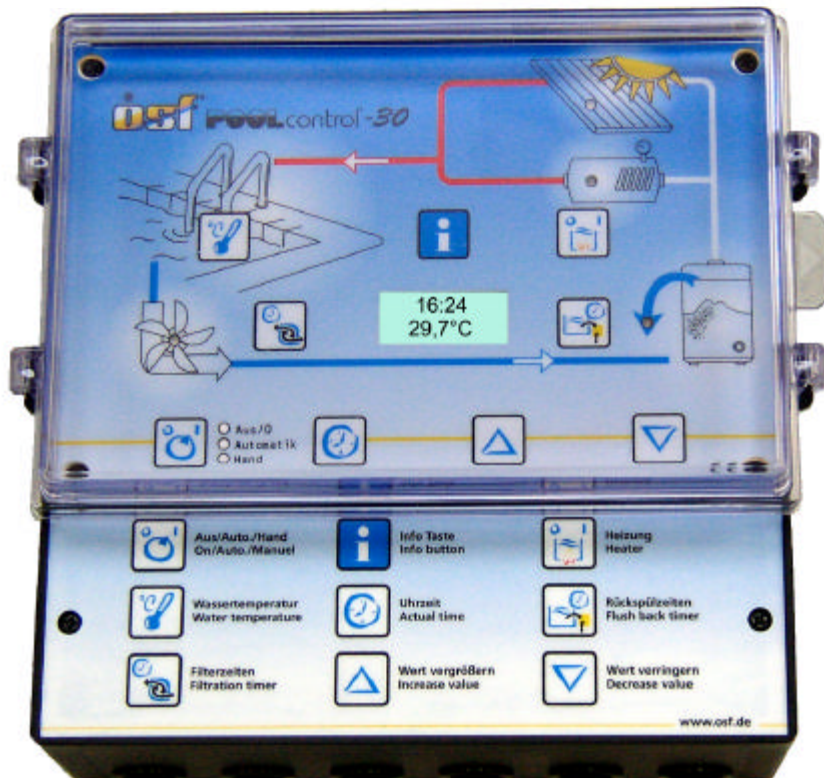
The control range of the temperature control ranges from 0°C to 40°C. By connecting a solar temperature sensor, the solar control is automatically activated. As a standard, the control is equipped with a counter for hours of operation for the filter pump, heating and solar heating and with a back wash counter thus facilitating system dependent energy management.

In addition to the 230V switching output, the heating can be switched by a potential-free relay output. With this contact a central heating can be switched. A potential-free relay output for the dosing equipment is also available.

Due to the integrated diagnostic connector on the circuit board, an **OSF** service terminal can be connected.

For the protection of the heating, the **after-running of the filter pump** – available as a standard – can be activated.

Furthermore, connecting options for our collecting tank control NR-12-TRS-2 and for the back wash control EUROTRONIK-10 are available.



**Connecting diagramm POOL-CONTROL-30**

L1	N	U1	N	U2	N	U3	N	U4	N	U5	U6	N	2	3	4	5	11	12	13	14	20	21	22	23	30	31	32	33	
mains 230V 50Hz		filterpump 230V		heating 230V		pneumatic backwash valve		pneumatic rinsing valve		solar-actuating drive 230V		OSF backwash automatic EUROTRONIK-10		OSF water level control NR-12-TRS-2		chemical control potential-free		heating potential-free		temperature sensor water		temperature sensor solar							

**Technical data POOL-CONTROL-30**

nominal voltage	1/N/PE 230V/50Hz
pumpe switching capacity	1,0kW AC3
heating switching capacity 230V	400W AC3
heating switching capacity potential-free	4A AC3
switching capacity chemical control	4A AC3
ingress protection	IP 40
housing size	220 x 220 x 100
temperature range	0°C bis +40°C
hysteresis	0,2K
sensor element	NTC

backwashing with pneumatic valve or 6-way-valve possible