THERMOREGULATION OF DIES – MANAGEMENT AND CONTROL SYSTEM FOR PROCESS WATER (PREHEATING AND COOLING)

MULTIPAD 16 ZONES 160°C

IECI S.r.l.
Thermoregulators
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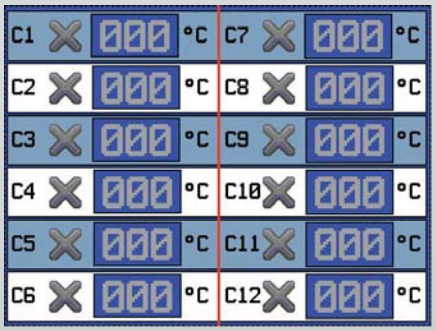
Management and control system for process water (preheating and cooling)

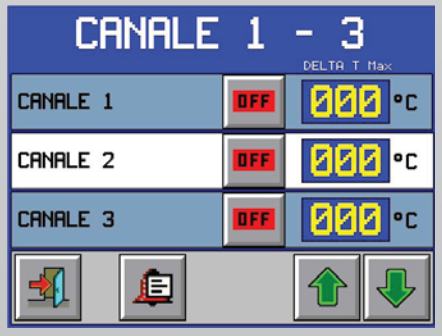
The PAD system offers the possibility of managing and individually controlling several cooling and preheating channels, whether they are fountains or mold thermoregulation channels. In the MULTI version, it is possible to manage modularly groups of 16 channels. The supplied software allows you to choose the desired pressure and to check the passage of water for each individual connection. The system provides the possibility to regulate the delivery temperature, modulating the return water, even in synchrony with the injection phase.

The hydraulic system is equipped with two pumps and managed with a frequency converter on the main circulator.

The simplicity of use and the robust construction make the machine suitable for any production environment. The system allows the pre-heating of the mold, with open circuit, up to 85 ° C and subsequently, with closed circuit, up to 85 - 160 ° C.

STANDARD – 16 VERSION
- Maximum water temperature 160 °C;
- Pressure/vacuum working from 0 to 85 °C, with open circuit;
- Pressure working from 85 to 160 °C, with closed circuit;
- 16 zones for temperature distribution;
- Stainless steel hydraulic circuit;
- Magnetic coupling circulation pump; - High pressure peripheral cooling / pressurizing pump;
- Power supply 380V+3F+PE, aux 24V/DC;
- Cooling system with DIRECT and proportional exchange 0-10V;
- Water storage tank for the circuit in stainless steel AISI 316;
- Indication of presence of flow and temperature of each individual channel by the use of temperature probes and flow switches; - The system allows to report possible circuit clogging;
- Electronic temperature control instrument PLC Touch Screen;
- Epoxy painted frame RAL5024;
- Dimensions h850x440x800 - 140 kg.





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