



MULTI PAD SYSTEM

System for management and control of cooling water



The PAD system offers the possibility to manage and control individually different cooling channels, whatever are spot cooling or tempering channels of the mold. In MULTI version, you can manage modular groups of 12 channels. The system allows you to choose the desired pressure and check the flow of water for every single channel. The system provides the ability to adjust the temperature of the supply water and monitor the temperature of return water for each channel. The hydraulic system is equipped with two pumps and operated with a frequency converter on the main pump. Ease of use and robust construction make the unit suitable for any production environment.

STANDARD – 12 VERSION
- Main water, max 90 °C (194°F);
- 12 zones of temperature distribution;
- Stainless steel hydraulic circuit;
- Circulation pump vertical multistage, mechanical seal, 75 l/m (19.8 gpm), 16 bar (232 psi), 2,2 kW;
- Operation in curve 13 bar (189 psi) for 33 l/m (8.7 gpm), with adjustment to inverter;
- Power supply 400V+3Ph+PE/50hz or 480V+3Ph+PE/60hz; auxiliary 24V/DC
- Cooling system by DIRECT EXCHANGE;
- Reservoir storage of water in stainless steel AISI 316 circuit;
- Indication of the presence of flow and temperature of each individual channel by using temperature sensors and flow switches;
- The system allows you to report any clogging of the circuits;
- Temperature control on the delivery, through a direct cooling;
- Electronic temperature control instrument TD240 PLC, Touch Screen 3.5";
- Compressed air system for venting and drying at the end of the cycle; (optional)
- Frame: Epoxy paint RAL5024;
- Dimensions h1300x500x1280 – 140 Kg.

