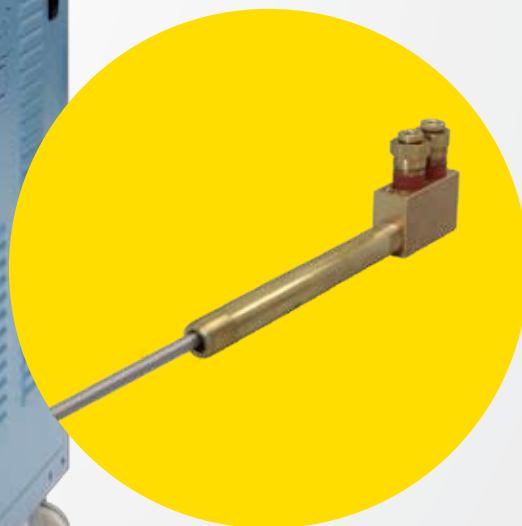


*THERMOREGULATION OF MOLDS  
SYSTEM FOR MANAGEMENT AND CONTROL OF CORE PINS COOLING*

# JET-PAD SYSTEM





# JET-PAD SYSTEM



The JET-PAD system is a closed loop jet cooling unit, available in different sizes.

The closed loop allows the recovery of the water circulating in the core pins, decreasing the cost of chemically treated water that is discharged in conventional jet cool systems.

Temperature of core pins cooling water is also controlled; It allows avoiding any seasonal change and decreasing thermal shocks.

JET-PAD has two standard sizes: M1 and M4. Other sizes can be designed according to particular needs.

The M1 is a small system with one zone, but complete with all the features of the bigger M4, including control of pressure, temperature and broken pin test.

The JET-PAD system can be easily integrated within the die casting cell, communicating with the DCM through discrete signals as well as the most common fieldbuses (Profinet, Profibus and Ethernet/IP).

|                                  | JET-PAD M1              | JET-PAD M4              |
|----------------------------------|-------------------------|-------------------------|
| N. independent zones             | 1                       | 4                       |
| Delivery pressure                | Adjustable up to 16 Bar | Adjustable up to 35 Bar |
| Max delivery flow rate           | 16 l/min                | 34 l/min                |
| Max delivery temperature         | 60 °C                   | 60 °C                   |
| User Interface                   | 4" touchscreen          | 7" touchscreen          |
| Delivery pressure control        | Included                | Included                |
| Broken pin test                  | Included                | Included                |
| Flow rate and volume measurement | Optional                | Optional                |
| Communication on fieldbus        | Optional                | Optional                |

