



“HEAT & COOL” System

In order to respond to the needs of certain markets, SISE has applied all of its know-how of temperature control to answer the technological demands flowing from its customers. The new Heat & Cool System is a perfect example.



Back side

“HEAT & COOL” SYSTEM ADVANTAGES :

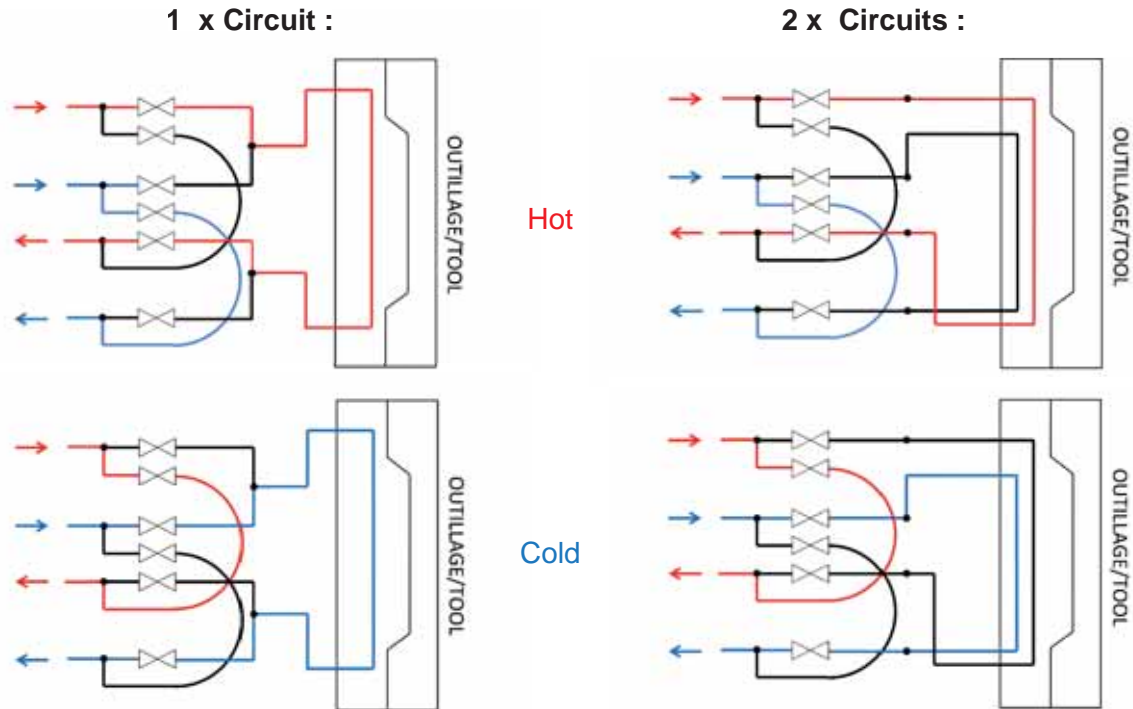
- Technical
 - 4 3-in-1 system/ Paired with 2 autonomous devices
 - 4 Versatile Use in hot-cold mode or with autonomous mold temperature controllers
 - 4 Process Use with 2 circuits or 1 circuit (choice)
 - 4 Reinforced safety with protective chassis
 - 4 Hot-cold closed-loop control with intuitive programming
 - 4 Optional Remote workstation near machine
 - 4 System with technology which sorts hot-cold fluids in order to optimize cycle time (for single circuit applications)

- Process
 - 4 Improve surface quality (ex. piano black)
 - 4 Improve material homogeneity notably for technical parts
 - 4 Sharply decrease knit lines
 - 4 Decrease the risk of deformed technical parts
 - 4 Better consistency for thinwall parts during the packing phase
 - 4 Better quality filling
 - 4 Improved cycle time

*Now Available for
Low Power Applications !*



HYDRAULIC SCHEMATICS :



The SISE system can operate with 1 circuit or 2 circuits, thus reducing cycle time resulting in a more energy efficient system (manages fluids separately).

Each circuit can operate independent temperatures.

The maximum process temperature for each circuit is 180°C.

To achieve this result the **Heat & Cool** System is equipped with a gate system which automatically alternates between the 2 circuits Hot – Cold.

Additionally, the Heat & Cool System has programmable automation developed by SISE.

Home Screen

Synoptic

Hot / Cold

Alarms

Date	Time	Message
19/05/2014	14:16:13	Level Low
19/05/2014	14:16:10	Level Low
19/05/2014	14:15:44	Defective th
19/05/2014	14:15:39	Level Defect
19/05/2014	14:15:30	Level Defect
19/05/2014	14:14:46	High tempera

