



Multicomp II

MASTER CONTROLLER



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Today most compressed air systems are managed by master controllers.

Multicomp II is the master controller developed by Mattei which allows to optimise the functioning of a compressed air installation of up to 6 compressors, of different makes and models and with different control systems; mechanical (equipped with a pressure switch) or electric (equipped with a card that allows remote start up procedures).

The system optimises the start-ups, the offload cycles, and the shutdowns of the connected compressors to meet the air demand imposed by the client.

The control of the different compressors by specifying a pressure band ensures lowest possible system pressures avoiding unnecessary high compression which in turn leads to energy wastage.

Effectively, reducing system pressure by just one bar results in 8% less compressor power consumption for similar air deliveries.

Hardware

- ▶ Master controller with LCD display (2 lines, 16 characters) and LEDs
- ▶ 230 Vac power supply
- ▶ Serial interface (optional) RS-485
- ▶ 7 Digital inputs and 8 outputs
- ▶ Probe signal 4÷20 mA

Software

- ▶ Up to 6 different compressors (piston, screw, vane, scroll...)
- ▶ Weekly programming
- ▶ Reduced working pressure
- ▶ Display of information in 6 languages
- ▶ Sends any reports of system irregularities via SMS, e-mail or fax

MULTICOMP II

- ▶ reliable
- ▶ economical
- ▶ FIFO
- ▶ LIFO
- ▶ capacity control
- ▶ easy to use



Capacity Control

The capacity control mode is unique in such that it adopts a control algorithm which, based on the data input in the initial programming phase, will control the startups and shutdowns of the individual compressors to match the air demand, selecting the order of the machines as a function of their capacity and the installed receivers.

Operating Modes

CASCADE
last-in-first-out

SEQUENCE
first-in-first-out

EQUAL RUNNING HOURS
it adds to the standard sequence mode the option of keeping the same amount of operating hours for all the compressors in the system

UNI EN ISO 9001:2008



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