



Duct units DUCTIMAX and DUCTIMAX i



Wired plenum with motorized dampers

DMP



AC Motor



EC Motor



2 pipes
systems



4 pipes
systems

PLUS

- » Independent control of the air set point in each zone
- » Sizing of Ductimax according to the actual simultaneous usage
- » Wireless connection between controls and control unit
- » Automatic configuration of command parameters
- » Thermally and acoustically insulated PAL plenums, 85% lighter than using galvanized sheet metal.

The Importance of Zoning

In recent years, it has become increasingly evident that energy savings are not only achieved through the introduction of components, systems, or installations aimed at improving mere energy performance but also through other factors such as the efficient and effective control of their correct use.

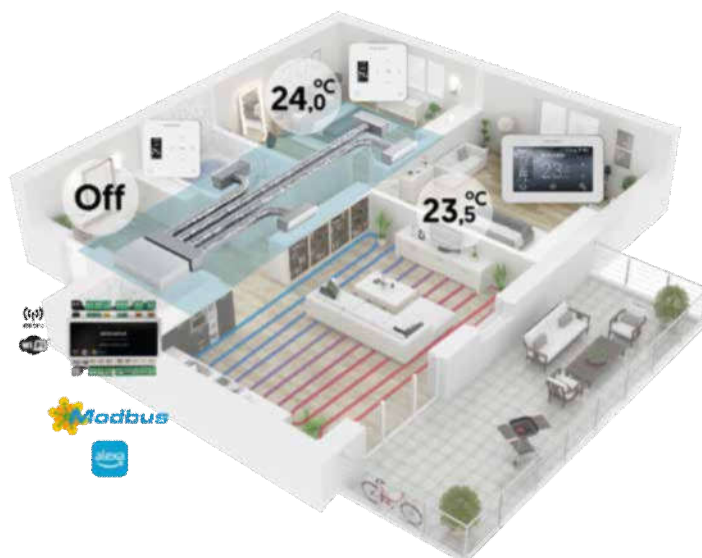
It is very important that the building's energy consumption is based on actual needs, taking into account the real occupancy of the premises by people.

According to this philosophy, Galletti has introduced DMP, the wired plenum with a control unit and motorized dampers for advanced air management in ducted air conditioning systems.

Thanks to the integrated control unit, it is possible to precisely and automatically control the opening and closing of the dampers, optimizing the distribution of air in the different zones of the building.

This configuration improves energy efficiency, ensures customized comfort, and reduces installation times, making it ideal for complex and high-performance systems.

In fact, most of the electrical connections are already made at the factory on the plenum, and thanks to the radio wave touch screen controls, no wiring to the control unit is necessary. The setting of operating parameters is automatic and instantaneous.

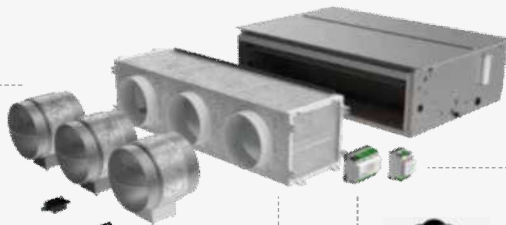


MAIN COMPONENTS



Motor-driven louver

Motorized steel duct damper with galvanized finish.



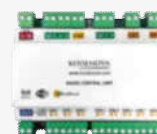
PAL panel plenum

Made of thermally and acoustically insulated expanded polyurethane. Compatible with 2, 3, and 4 motorized dampers Ø 200 mm.



Interface for managing the fan coil

This device allows the management of the following fan coil functions: on-off and fan speed with AC and EC motors; operating modes; 230 V on-off valves; connection to supervision systems via Bus.



Control unit for managing motorized dampers

Universal configurable control unit for system management via radio interfaces. Includes Wi-Fi module for managing all functions through the application (APP KOOLNOVA), allowing remote viewing and management of air-conditioned rooms.

CONTROL PANELS

RC1M master touch screen control with radio waves

Graphic interface with 4.3" screen and metallic and glass finishes, radio communication.

- Radio communication without wiring (range 50 meters).
- Control of operating modes (hot, cold).
- Selection of room temperature in 0.5°C intervals.
- Zone On-Off.
- System Stop (MASTER).
- Temperature and fan speed control of the unit.
- Monitoring of ambient temperature and relative humidity per zone.
- SLEEP Function.
- Time schedules
- Powered by a rechargeable lithium-ion battery with USB cable, includes mounting base and a Micro USB to USB cable.



RC1S slave touch screen control with radio waves

1.3" OLED screen, backlit capacitive buttons, and metallic color finishes.

- Radio communication without wiring (range 50 meters)
- Selection of nominal temperature in 0.5°C intervals.
- Zone On-Off.
- Reading of ambient temperature and relative humidity of the zone.
- SLEEP Function.
- Powered by a rechargeable lithium-ion battery with USB cable.





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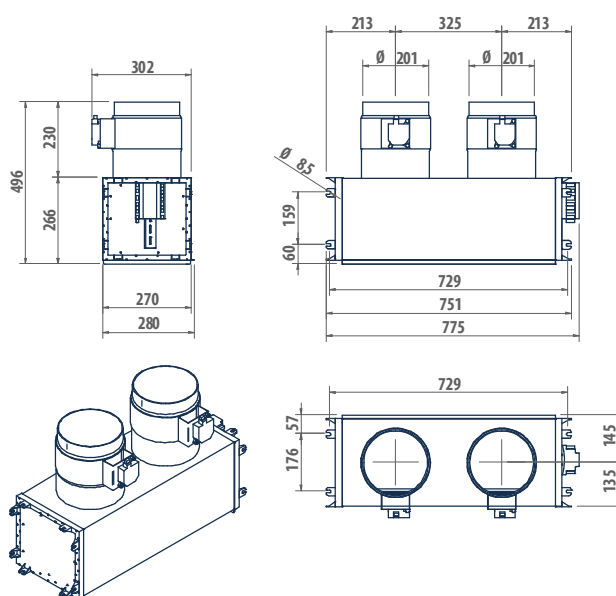
COMPATIBILITY TABLE BETWEEN:

Ductimax/Ductimax i and DMP plenum

Compatibility	Galletti code	Description	Galletti code	Description
Ductimax frame 1÷2 DM13-DM14-DM23-DM24	DMP2MD1	Plenum with 2 motorized dampers + electronic board for damper management and radio antenna + fan coil interface	EYRC1M1S	2 touch screen radio wave commands (1 master, 1 slave)
Ductimax frame 3÷4 DM33-DM34-DM43-DM44	DMP3MD3	Plenum with 3 motorized dampers + electronic board for damper management and radio antenna + fan coil interface	EYRC1M2S	3 touch screen radio wave commands (1 master, 2 slaves)
Ductimax frame 5÷6 DM53-DM54-DM63-DM64	DMP4MD5	Plenum with 4 motorized dampers + electronic board for damper management and radio antenna + fan coil interface	EYRC1M3S	4 touch screen radio wave commands (1 master, 3 slaves)

DIMENSIONAL DRAWINGS

DMP2MD1



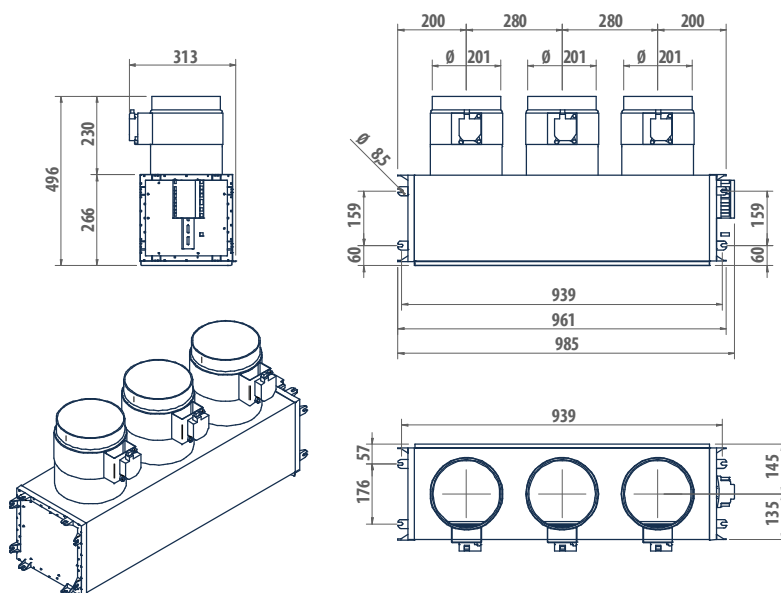
LEGEND

Available for Ductimax frame 1÷2 (DM 13-14); (DM 23-24)

DMP2MD1: Plenum with 2 motorized dampers + electronic board for damper management and radio antenna + fan coil interface

EYRC1M1S: 2 touch screen radio wave commands (1 master, 1 slave)

DMP3MD3



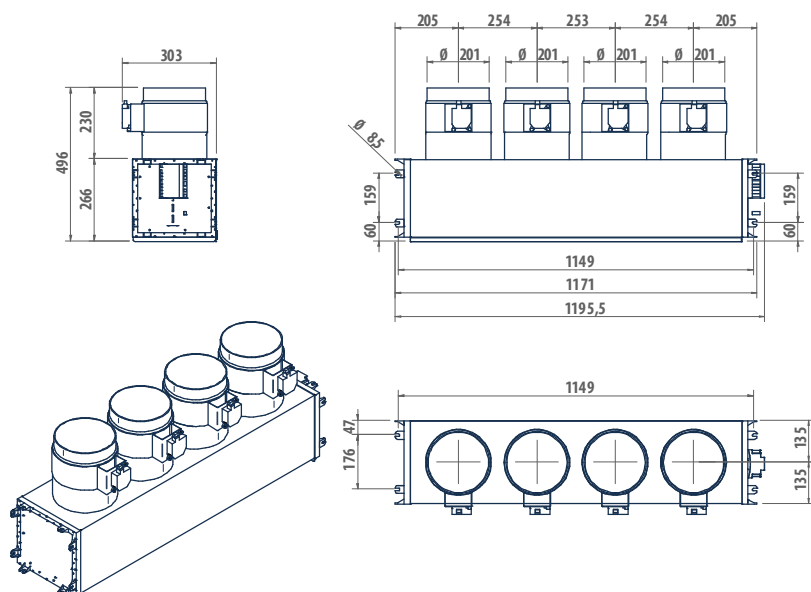
LEGEND

Available for Ductimax frame 3÷4 (DM 33-34); (DM 43-44)

DMP3MD3: Plenum with 3 motorized dampers + electronic board for damper management and radio antenna + fan coil interface

EYRC1M2S: 3 touch screen radio wave commands (1 master, 2 slaves)

DMP4MD5



LEGEND

Available for Ductimax frame 5÷6 (DM 53-54); (DM 63-64)

DMP4MD5: Plenum with 4 motorized dampers + electronic board for damper management and radio antenna + fan coil interface

EYRC1M3S: 4 touch screen radio wave commands (1 master, 3 slaves)