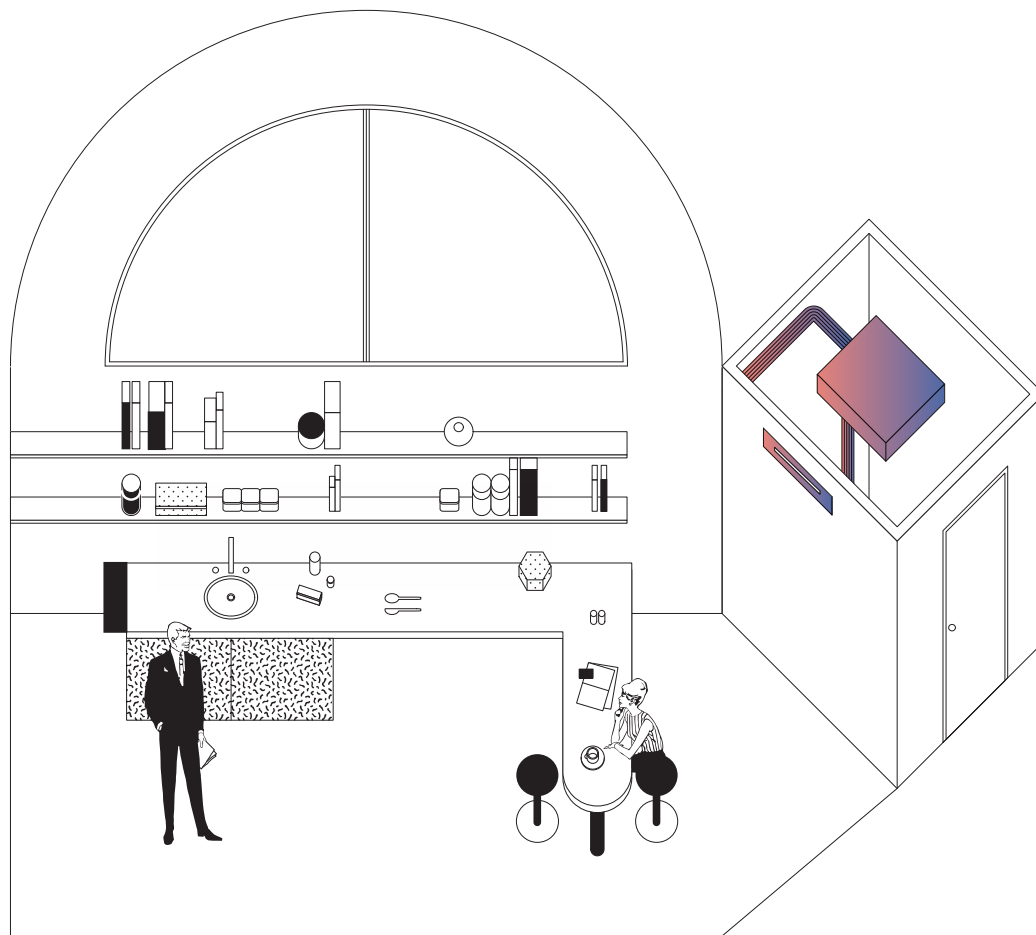


MORE DEA

RAPID COMFORT REGULATOR



RAPID COMFORT REGULATOR

- It is particularly suitable for the completion of radiant air conditioning systems because it provides quick adaptation of the system to the conditions required by the user.
 - The control system is capable of managing the MORE DEA functions either in stand-alone mode or in combination with the more advanced Kilma Set 2 system or any third-party system.
 - Automatic control of only the relative humidity detected in the served rooms without altering the comfort temperature value.
 - The system favours radiant air conditioning to create ideal conditions for living comfort. Following an instantaneous alteration of comfort conditions, the system activates integration for immediate correction of thermal drift.
 - Maintenance-free.
 - High-pressure fans of the "constant flow rate" type to maintain the delivered flow rate over time.
-


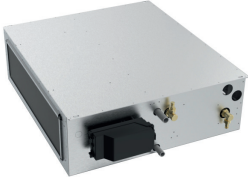
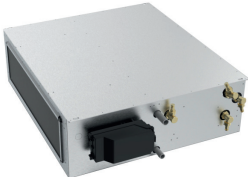

WHAT IS DEA?

MORE DEA is an air-conditioning system that complements conventional radiant systems: thanks to discreet, unobtrusive ventilation, it quickly restores the desired climatic comfort conditions in the room, especially in summer and in connecting rooms between indoors and outdoors.

When the environmental thermo-hygrometric parameters deviate from the desired ones, the system is automatically activated to supplement the radiant system and, once optimal conditions have been restored, MORE DEA simply controls the humidity, leaving the radiant system to maintain the indoor temperature.

In this way, the building's occupants will no longer feel restricted in their use by the system, but will be able to use the rooms in complete freedom without compromising the level of climatic comfort.

PRODUCT TABLE

| | Series | Description |
|---|----------|---|
|  | 39590022 | DEA 500: Micro thermodynamic air handling unit, 2-pipe version with integrated isothermal dehumidifier. |
|  | 39590002 | DEA 600 2 PIPES Micro air handling unit, 2-pipe isothermal version without compressor. |
|  | 39590012 | DEA 600 4 PIPES Micro air handling unit, 4-pipe isothermal version without compressor |
|  | 39600002 | STAND-ALONE MODULE User interface for command, control and diagnostics via BUS of DEA SERIES air handling units. |

TECHNICAL FEATURES

DEA 500

| | | |
|---|-------------|-------------------|
| dimensions | 805x320x680 | mm |
| weight | 55 | kg |
| air connections (LxH) | 520x250 | mm |
| hydronic pre-post cooling connections | 1/2 | F |
| hydronic connections integration | 3/4 | F |
| condensate drain connection | Ø18 | mm |
| min/max air flow rate | 250/500 | m ³ /h |
| max. head at min. flow rate | 500 | Pa |
| nominal air flow rate | 450 | m ³ /h |
| sound power at min. flow rate LWA | 58 | dB(A) |
| sound pressure at min. flow rate LpA | 36.8 | dB(A) |
| pre-post cooling water flow rate (13°C) | 300 | l/h |
| flow rate of water integration summer/winter (7/45°C) | 500 | l/h |
| condensing humidity summer (24°C 60%RH) | 29 | l/24h |
| condensed humidity winter (18°C 70%RH) | 17 | l/24h |
| summer integration (24°C 60%RH) | 2.100 | W |
| winter integration (W45°C A22°C) | 2.500 | W |
| electrical power supply | 240 | VAC |
| power absorbed | 1300 | W |
| electrical protection | PI | 20 |

**DEA 600
2 PIPES**

| | | |
|---|-------------|-------------------|
| dimensions | 750x240x700 | mm |
| weight | 27 | kg |
| air connections (LxH) | 660x150 | mm |
| hydraulic battery connections | 3/4 | F |
| condensate drain connection | Ø18 | mm |
| min/max air flow rate | 230/600 | m ³ /h |
| max. head at min. flow rate | 340 | Pa |
| nominal air flow rate | 450 | m ³ /h |
| sound power at min. flow rate LWA | 53 | dB(A) |
| sound pressure at min. flow rate LpA | 32 | dB(A) |
| flow rate of water integration summer/winter (7/45°C) | 500 | l/h |
| condensing humidity summer (20/24/26°C 60%RH) | 13/29/41 | l/24h |
| sensitive summer integration (20/24/26°C 60%RH) | 1,571,9/2,1 | kW |
| sensitive winter integration (W45°C A22°C) | 2,500 | W |
| electrical power supply | 230 | VAC |
| power consumption ventilation only | 270 | W |
| electrical post-heating protection | 2,000 | W |
| electrical protection | PI | 20 |

**DEA 600
4 PIPES**

| | | |
|---|-------------|-------------------|
| dimensions | 750x240x700 | mm |
| weight | 40 | kg |
| air connections (LxH) | 660x150 | mm |
| hydraulic battery connections | 3/4 | F |
| condensate drain connection | Ø18 | mm |
| min/max air flow rate | 230/600 | m ³ /h |
| max. head at min. flow rate | 340 | Pa |
| nominal air flow rate | 450 | m ³ /h |
| sound power at min. flow rate LWA | 53 | dB(A) |
| sound pressure at min. flow rate LpA | 32 | dB(A) |
| flow rate of water integration summer/winter (7/45°C) | 500 | l/h |
| condensing humidity summer (20/24/26°C 60%RH) | 13/29/41 | l/24h |
| sensitive summer integration (20/24/26°C 60%RH) | 1,571,9/2,1 | kW |
| sensitive winter integration (W45°C A22°C) | 2,500 | W |
| electrical power supply | 230 | VAC |
| power consumption ventilation only | 270 | W |
| electrical post-heating protection | 2,000 | W |
| electrical protection | PI | 20 |

**STAND-ALONE
MODULE**

| | | |
|-----------------------------|-----------|-----|
| number of DIN modules | 6 | |
| dimensions | 107X90X73 | mm |
| operating temperature | -20...55 | °C |
| storage temperature | -20...55 | °C |
| humidity of use and storage | 10...90 | % |
| electrical power supply | 230 | VDC |
| electrical absorption | 400 | mA |
| electrical protection | PI | 00 |

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