

DOS

HORIZONTAL DEHUMIDIFIERS FOR DUCTED INSTALLATION



HEATING



R-410A

OZONE FRIENDLY



DEHUMIDIFICATION



RS485
PROTOCOL

CONNECTION LINK



LOW NOISE



SCROLL COMP.

The new **DOS** series dehumidifiers with advanced control are completely autonomous, and are designed for use in private swimming pools where a ducted machine for under ceiling installation is required.

DOS dehumidifiers are perfect for all wet environments such as museums, libraries, archives, cellars.

Designed for suspended ceiling installation, they can also be supplied with all the air distribution accessories such as plenums, grilles, ducts. The series consists of 8 models, from 52 up to 225 L/day.

The dehumidifiers of the DOS series are completely autonomous in the management of humidity and ambient temperature: the probes are supplied on board as standard and the control manages the compressor and the heating coil, if supplied.

The installation of these units is therefore particularly simple.

| Technical sheet of the range | | DOS | | | | | | | |
|------------------------------|---------|------------------|-------|-------|-------|-------------------|-------|----------------|-------|
| | | 050 | 070 | 090 | 100 | 160 | 190 | 210 | 230 |
| Dehumidifying capacity | L/Day | 52 | 67 | 92 | 99 | 161 | 182 | 213 | 225 |
| Refrigerant | Type | R410A | R410A | R410A | R410A | R410A | R410A | R410A | R410A |
| Air flow | m³/h | 450 | 600 | 700 | 800 | 1000 | 1200 | 1500 | 1500 |
| Available static pressure | Pa | 250 | 200 | 175 | 150 | 230 | 200 | 150 | 150 |
| Hot water coil capacity | kW | 5,2 | 6,1 | 6,8 | 7,5 | 10,4 | 11,9 | 13,3 | 13,3 |
| Electrical heaters capacity | kW | 1,5 | 2 | 3 | 3 | 4 | 4 | 4 | 4 |
| Power supply | V/ph/Hz | 230 / 1+N / 50 | | | | | | 400 / 3+N / 50 | |
| Sound level | dB(A) | 45 | 46 | 47 | 48 | 50 | 52 | 53 | 54 |
| Dimensions L x P x H | mm | 1105 x 800 x 410 | | | | 1105 x 1050 x 510 | | | |
| Weight | kg | 84 | 84 | 84 | 84 | 147 | 147 | 168 | 168 |

All the values refer to the following conditions: inlet air: 30°C - 80% RH; inlet/outlet water: 80/70°C

Options:

- High efficiency air filter, Class G4
- Hot water coil with 3-ways valve
- Coils with epoxy coating
- Electrical heaters
- Hot gas defrost
- Silent version
- Cable for display connection
- RS485 Serial board
- Kit supply flange for circular ducts
- Kit extraction flange for circular ducts

Display mounted on board

