



OMEGA Central unit

Dehumidification > OMEGA > Central unit

- + Installation in the technical room
- + Available in 5 capacities (10 to 28 l/h)
- + "Air heating" option (electric heating or hot water battery)
- + "Water heating" option (water condenser)



2 YEAR
WARRANTY

| | OMEGA 10 three phase | OMEGA 14 three phase | OMEGA 16 three phase | OMEGA 20 three phase | OMEGA 28 three phase |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| PRODUCT REFERENCE | | | | | |
| Standard model | W28OM10 | W28OM14 | W28OM16 | W28OM20 | W28OM28 |
| Model with water condenser option | W28OM10C | W28OM14C | W28OM16C | W28OM20C | W28OM28C |
| Model with air heating option using electric heaters | W28OM10E | W28OM14E | W28OM16E | W28OM20E | W28OM28E |
| | 9 kW | 9 kW | 18 kW | 18 kW | 18 kW |
| Model with air heating option using electric heaters and condenser | W28OM10EC | W28OM14EC | W28OM16EC | W28OM20EC | W28OM28EC |
| | 9 kW | 9 kW | 18 kW | 18 kW | 18 kW |
| Model with air heating option using hot water battery | W28OM10B | W28OM14B | W28OM16B | W28OM20B | W28OM28B |
| | 24 kW | 34 kW | 42 kW | 53 kW | 76 kW |
| Model with air heating option using hot water battery and condenser | W28OM10BC | W28OM14BC | W28OM16BC | W28OM20BC | W28OM28BC |
| | 24 kW | 34 kW | 42 kW | 53 kW | 76 kW |

ACCESSORIES INCLUDED IN THE PACK



Hygro control box

| | OMEGA 10 three phase | OMEGA 14 three phase | OMEGA 16 three phase | OMEGA 20 three phase | OMEGA 28 three phase |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|

| TECHNICAL SPECIFICATIONS | | | | | |
|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Dehumidification capacity in (l/h*) | 10 | 14 | 16 | 20 | 28 |
| Absorbed power (W)* | 3 840 | 4 390 | 5 830 | 6 430 | 9 900 |
| Operating power (W)* | 9 210 | 10 530 | 13 990 | 15 430 | 23 760 |
| Air flow (m³/h) | 3 000 | 4 000 | 5 000 | 6 000 | 8 500 |
| Available pressure (mmCE) | 20 | 20 | 20 | 20 | 20 |
| Electric power supply | 400 V / 3N / 50 Hz | | | | |
| Absorbed intensity (A)**** | 7,6 | 9 | 12 | 16,4 | 19 |
| Nominal operating power (A)**** | 13 | 16 | 18,5 | 20,1 | 23,8 |
| Refrigerant fluid quantity (kg) | 3,5/3,8 ⁽¹⁾ | 3,5/3,8 ⁽¹⁾ | 3,5/3,9 ⁽¹⁾ | 3,5/3,8 ⁽¹⁾ | 8,2/8,5 ⁽¹⁾ |
| Sound power (dB(A))** | - | 83,6 | - | 82 | - |

For all orders a deposit of 30% will be requested with the order.

* In the following nominal conditions: Air 30°C Humidity 70%.

** Values measured and certified in compliance with standards EN ISO 3741 AND EN ISO 354 by the CTM (Centre de Transfert de Technologie du Mans).

*** An annual check of the sealing of the refrigerating circuit must be carried out for all refrigerating equipment with a load in refrigerating fluid (cf. Art 3 7/05/05 regulation, French decree n° 737-2007).

**** For an appliance without the electric heating option. (1) for devices with the water condenser option.

HOT WATER BATTERY SPECIFICATIONS

| | | | | | |
|---|-------------------|------|------|------|------|
| Power (kW) with primary at 90/70°C | 24 | 34 | 42 | 53 | 76 |
| Power (kW) with primary at 45/40°C | 9,5 | 11,6 | 13,6 | 15,2 | 23 |
| Water flow (m³/h) with primary at 45/40°C | 1,66 | 2,03 | 2,35 | 2,64 | 3,98 |
| Pressure loss (mCE) with primary 45/40°C | 0,93 | 1,34 | 1,76 | 2,17 | 1,41 |
| Connection (mm) | 20/27 male thread | | | | |

DIMENSIONS (MM) AND WEIGHT

| | OMEGA 10 three phase | OMEGA 14 three phase | OMEGA 16 three phase | OMEGA 20 three phase | OMEGA 28 three phase |
|---------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Weight (kg) (basic model) | 342 | 344 | 346 | 397 | 505 |

| | Oméga 10 to 20 | Oméga 28 |
|-----------------|----------------|----------|
| A | 1940 | 2170 |
| B | 1150 | 1734 |
| C | 625 | 652 |
| D | 70 | 102 |
| E | 445 | 413 |
| F | 410 | 908 |
| G | 295 | 413 |
| H | 240 | 190 |
| I | 345 | 387 |
| J | 75 | 240 |
| K | 225 | 216 |
| L | 655 | 673 |
| M | 630 | 824 |
| N | 60 | 50 |
| O | 20 | 0 |
| Extractor Width | 1060 | 1650 |

