

Dehumidifier AD 790

Technical data:



General

Drying capacity / power consumption

at 30°C / 80%r.h.	= 90,0 l./day	1.700 Watt
at 27°C / 60%r.h.	= 58,3 l./day*	1.400 Watt
at 20°C / 60%r.h.	= 41,0 l./day*	1.150 Watt
at 10°C / 70%r.h.	= 20,0 l./day*	950 Watt

Air volume

1400 cbm/h

Operational range

temperature: + 3°C + 32°C
humidity: 40 95 %r.h.

Noise level

65 dB(A)

Control + signal lamps

On- / Off-switch (0/1), orange, illuminated
Operation-time-counter, humidistat with knob

Case

Impact resistant and shockproof epoxy (PE Polyethylen DIN 16776).
Operating tableau and air inlet and outlet: Sheet metal, flux coated.

Technology

Completely protectingly put in shockproof epoxy case: Axial fan with impeller (with winding protection). Hermetically sealed rotary compressor, protected against overload, free of oscillation. Condenser and evaporator of copper-tubes, laminated with aluminium. Cooling-circuit of copper tube with expansion valve and filter dryer. Service connector on induction-side. Automatic hot-gas-defrosting, controlled by Dry-Logic.

Refrigerant

R407c (1200 g) CFC-free

Electric connection

Electrical supply

1 x 230 V / 50 Hz

Fusing

10 A slow

Power consumption

Max. 1.700 watt **

Connecting cable

cable 4,5 mtr. with Schuko coupler

* Values according to DIN EN 810

** In the case of 32°C ambient temperature

*** standard value / empirical value

Installation and dimensions

Operation-field

Closed rooms

Suitability for

heated rooms to approx. 1200 cbm ***
unheated rooms to approx 700 cbm ***

Mode of operation

Condensation principle
(heat pump with energy recovery)

Deployment / mobility

On the floor. 2 wheels (Ø= 250 mm), ergonomic formed case with grip to carry and move.

Air input

On reverse side passed over easy changeable air filter

Air output

Front side

Handling

Turn coupler into the socket, switch on (at 0/1-switch) and adjust at the humidistat the humidity-level you feel comfortable with.

Water output

Hose connection in high position (D= 15 mm), so that the hose (accessory) can be guided with slope.
Water tank is as accessory available.
Pump solution is optionally available.

Dimensions

height / width / depth:
1.000 mm / 640 mm / 580 mm

Weight

61 kg

Service

Empty the water container, clean / change filter

Guarantee

2 years