Desiccant dryer ASE 300

Mode of operation

- The sucked room air is led by the turning sorption rotor (= process air). The humidity taken up by the rotor is led out by a heated towards air fl ow (= regeneration air).
- The air flow is heated by a dynamic, safe and self-regulating PTC heating element. That reg.-air must be led from the room / building.

Rotor ECODRY G3-MH / PTC heater

- The sorption rotor is a High performance rotor, coated with metal silicate optimized for maximum water absorption with different entrance conditions. The rotor offers a very large surface. The mechanical fi rmness of the surface is extremely high.
- The rotor is not infl ammable, maintenance-free and washable. Dynamic, safe and self-regulating PTC heating element.

Application & functioning

Mode of functioning
Adsorption / desiccant dryer

Area of use
Building drying, water damage drying, dry storage

Dimensions & installation

Installation / mobility
On the floor. Stability by four rubber bumpers (abrasion-resistant and not coloring)
A handle for simply carrying. The devices are stackable.

Initiation
Put plug into power socket. Switch the dryer on at On/ Off-switch and set the required humidity at the hygrostat. Guide the reg.-air-outlet-hose (opt. fitting) out of the room / building. Adjustment of air volumes is not necessary.

Air inlet
Common air inlet for process– and regeneration air on the front, D= 125 mm with silencer and air filter.

Air outlet

Dry air:	reverse side 1 x D= 100 mm or 2 x D= 50 mm (both standard)
Regeneration air:	front, D= 80 mm

Maintenance
Clean / change air filter

Dimensions
Height / width / depth: (incl. Connectors and feets)
370 mm / 335 mm / 430 mm
Height / width / depth: (case only)
323 mm / 335 mm / 360 mm

Weight
18 kg

Technical data

Casing
Made of high-grade steel and flux-coated steel sheet (RAL 1023). To dismantle very simply, easy to service
Protection class: IP 23

Capacity / Performance (at 20°C / 60% r.h.)

Capacity	=	25,7	kg/24h
Liter per kW/h	=	1,05	l/kWh
kW/h per Liter	=	0,97	kWh/l

Power consumption
nominal 1.040 Watts

Air volumes

Process air volume:	300 cbm/h
Regeneration air volume:	110 cbm/h

Operation range

Temperature:	-10°C up to +35°C
Humidity:	10%r.h. up to 95% r.h.

Noise level
57 dB (A)

Voltage
230 V / 50 Hz, fusing: 6 A slow

Conneting cable
approx. 3 mtr. with equipment plug and main plug.
Cable keeper

Control elements
On/Off-switch, included hygrostat in the inlet air flow, kW/h-counter

Guarantee
24 months from date of purchase

Optionally available accessories

- Connecting cable 5 or 10 mtrs

AERIAL®