



ASE 400 ADSORPTION AIR DEHUMIDIFIER

UNMATCHED DEHUMIDIFICATION PERFORMANCE IN ITS CLASS

PORTABLE DRYING

HIGH-PERFORMANCE ADSORPTION DRYER FOR LOW TEMPERATURE AREAS



ASE 400

Ideally suited for dehumidification of large spaces with low temperatures, the portable ASE 400 is an extremely compact, sturdy and light-weight adsorption dryer. Due to its high-performance at low temperatures, the easily installed ASE 400 will deliver fast results in drying out all kinds of construction and emergency situations, thereby minimising the risk of long-term damage caused by for instance flooding. Application examples include cellars, garages, warehouses, storage rooms, archives, production facilities, waterworks and more.



Benefits

- 20% higher air capacity than similar units on the market
- Air capacity of 480m³/h
- For environments of up to 450m³
- Low temperature operation -10 to +35°C
- Low humidity operation down to 10% relative humidity
- Ventilation only mode available – if preset humidity level is exceeded, normal dehumidification mode starts (only with optional external hygostat)
- Sturdy unit made of stainless steel and powder coated sheet steel, supported by four rubber non-marking feet
- Integrated lifting handle and stackable design for easy use
- The rotor unit is easy to remove for cleaning purpose
- Dynamic, safe and self-regulating PTC heating element
- Energy-efficient radial fan
- High-performance ECODRY G3-MH rotor for maximum water absorption
- Air filter on the process air inlet
- Noise reduced via integrated silencer: 60 dB
- Connection for external hygostat
- Non-resettable hour counter
- Optional MID approved kWh meter

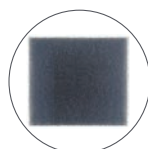
Optional accessories



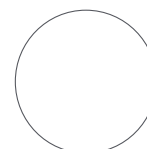
Regeneration air outlet
Thermaflex hose
80 mm
6000-0004



Dry air outlet
Superflextract
hose 125
6000-0012



Spare filter
5107-0073



External
hygostat

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Despite weighing out at just 25 kilos, the ASE 400 is the right choice for applications that require an air change of up to 480m³/h (environments of up to 450m³). That's 20% more than other units of comparable size that are currently on the market.

With its integrated lifting handle and stackable design, the unit has been designed for easy handling and transportation. It comes with a built-in hour counter with an optional MID-approved energy counter. The portable adsorption dehumidifiers can run continuously, or they can be controlled by an external hygrostat.

Specifications	Units	ASE 400
Capacity (20°C/60% RH)	kg/24h	36
Efficiency	l/kWh / kWh/l	0.80/1.26
Air volume – dry air/regeneration air	m ³ /h	480/185
Ext. pressure – dry air	Pa/m ³ /h	100/465, 150/406, 200/350
Ext. pressure – regeneration air	Pa/m ³ /h	100/172, 150/155, 200/128
Operating temperature range	°C	-10 – +35
Operating humidity range	%	10-95
Nominal power consumption	W	2200 (nominal)
Power supply	V/Hz	230/1ph/50
Power cord	m	4.5
Sound level	dB(A)	60
Protection		IP23
Duct sizes:		
Air inlet		Process and regeneration air together with air filter
Dry air outlet	Ømm	125
Regeneration air outlet	Ømm	80
Product size (h x w x d)	mm	510/395/560
Weight	kg	25

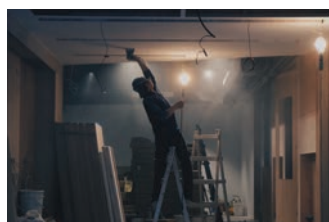
Applications



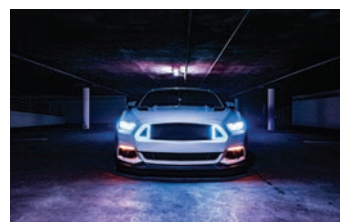
Archives



Cellars



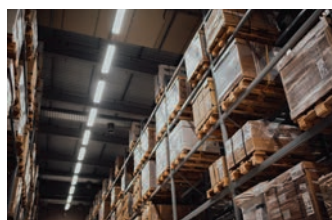
Construction sites



Garages



Production facilities



Warehouses & storage facilities



Waterworks



Water Damage Restoration

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