

DANTHERM GROUP

AERIAL[®] CLIMATE SOLUTIONS

ASE 200-300

Adsorption dehumidifiers

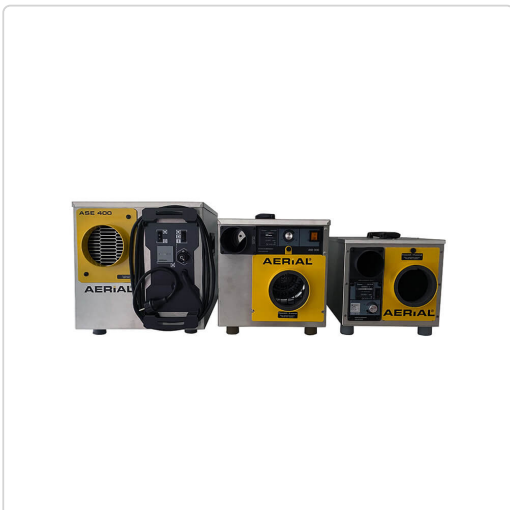
Ideally suited for dehumidification of large spaces with low temperatures, the portable ASE dehumidifiers are extremely compact, sturdy and light-weight adsorption dryers. Due to its high-performance at low temperatures, the easily installed ASE's will deliver fast results in drying out all kinds of 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.



Aerial ASE 300



Aerial ASE 200



Key features

- ✓ Low temperature operation -10 to +35°C
- ✓ Low humidity operation down to 10% relative humidity
- ✓ Sturdy units made of stainless steel and powder coated sheet steel, supported by four rubber non-marking feet
- ✓ Ergonomically-friendly design with handles
- ✓ High-performance ECODRY G3-rotor for maximum water absorption
- ✓ The rotor unit is easy to remove for cleaning and maintenance
- ✓ Dynamic, safe and self-regulating PTC heating element
- ✓ Energy-efficient radial fan
- ✓ Air filter on the process air inlet
- ✓ Noise reduced via integrated silencer

Operation elements

- ✓ On/Off-switch
- ✓ Built-in hygostat for variable humidity control
- ✓ Operation hour and energy counter (MID approved)

Advantages

- ✓ Aerial ASE dehumidifiers are available with your logo and in your colour – minimum order quantity, 15 pieces
- ✓ Energy consumption is displayed via the calibrated, non-resettable, MID-compliant energy meter
- ✓ Adsorption principle with one common fan for process and regeneration air
- ✓ ASE 200: Suitable for environments up to 200m³ and can be perfectly combined with Aerial AB- and VP-series
- ✓ ASE 300: Suitable for environments up to 300m³ and can be perfectly combined with Aerial AB- and VP-series

Product specifications

Specifications	Units	ASE 200
Capacity (20°C/60% RH)	kg/24h	18.75
Air volume – dry air/regeneration air	m ³ /h	210/110
Ext. pressure – dry air/regeneration air	Pa	150/50
Operating temperature range	°C	-10 – +35
Operating humidity range	% RH	10-95
Nominal power consumption	W	694
Power supply	V/Hz	230/1ph/50
Sound level	dB(A)	48
Duct sizes:		
Air inlet	Ømm	125
Dry air outlet	Ømm	1 x 80 or 2 x 50
Regeneration air outlet	Ømm	80
Power cord	m	4.5 with plug
Protection class		IP23
Product size (h x w x d)	mm	285 x 290 x 395
Weight	kg	14
Specifications	Units	ASE 300
Capacity (20°C/60% RH)	kg/24h	25.7
Air volume – dry air/regeneration air	m ³ /h	300/110
Ext. pressure – dry air/regeneration air	Pa	150/50
Operating temperature range	°C	-10 – +35
Operating humidity range	% RH	10-95

Specifications	Units	ASE 300
Nominal power consumption	W	1040
Power supply	V/Hz	230/1ph/50
Sound level	dB(A)	57
Duct sizes:		
Air inlet	Ømm	125
Dry air outlet	Ømm	1 x 100 or 2 x 50
Regeneration air outlet	Ømm	80
Power cord	m	4.5 with plug
Protection class		IP23
Product size (h x w x d)	mm	370 x 335 x 430
Weight	kg	18