

SA CYCLONE

DEHUMIDIFIER SADH11440



CRITICAL DEHUMIDIFICATION MAXIMUM SAFETY

The SA CYCLONE EX Dehumidifier provides powerful, essential moisture control for the toughest workplaces, delivering a high capacity of 200 litres per 24 hours. This mobile unit is built for performance and safety where it counts. It is fully ATEX, IECEx, and UKCA Certified for zones 1 & 2 (gas) and zones 21 & 22 (dust). The unit's compact size and plug & play design allow for immediate and flexible use, ensuring you can quickly meet climate requirements.

The SA Dehumidifier is exceptionally compact and lightweight, allowing one operator to move it into place and power it up. The small size also allows it to be placed in difficult to access areas, so that you can provide drying right where it is needed. Whether you need to dry surfaces to allow painting or coating, protect sensitive equipment or stop corrosion, the SA Dehumidifier is a highly effective tool.

BENEFITS

- EX certified for Zones 1 & 2 (gas) and 21 & 22 (dust)
- Fully EX tested and certified as complete system
- Extracts 200 litres of water per 24 hours
- Exceptionally compact and lightweight
- IP65 Rated
- Reduces costly downtime
- Plug & play
- Deployable by one person



CORE PRODUCT INFORMATION

SA CYCLONE EX Dehumidifier
30cm 440V c/w 10m HOFr cable and CEAG 440V
32A 4P plug
SADH11440/30/10HR/CEA32/4P



SA CYCLONE EX Dehumidifier
40cm 440V c/w 10m HOFr cable and CEAG 440V
32A 4P plug
SADH11440/40/10HR/CEA32/4P



CEAG 5P & STAHL 5P plugs and different cable lengths also available – please contact SA Equip for more details.

SPECIFICATIONS

CERTIFICATION

II 2 G D

Ex db eb ib mb pb IIB T4 Gb

Ex db ib mb tb pb IIIC T135°C Db

TYPICAL MOISTURE EXTRACTED

200 litres per day (8 litres per hour)

FREE AIRFLOW

690m³/h (406cfm) @50Hz

OPERATING TEMPERATURE

-20°C to +50°C

PROTECTION

Refrigerant overpressure protection

Refrigerant leak protection Coil frost protection

Tipping protection

Vibration protection

Motor overcurrent protection

Phase rotation protection

DIMENSIONS

800mm(l) x700mm(w) x
1290mm(h) – not including
duct adapters

WEIGHT

200kg exc. cable

INGRESS PROTECTION

IP65

CURRENT DRAW @ 440VAC

Start Up: 22A Run: 15A

3 PHASE SUPPLY

3Ph+E or3Ph+N+E

DUCTING SIZE

20cm, 30cm, or 40cm

NOISE LEVEL @ 1M

83dBa

CABLE LENGTH

20m (or as required)



AIR