

**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.

This system is your commitment to **continuous operation and a safer working environment**. The SA CYCLONE EX Dehumidifier actively prevents equipment degradation caused by moisture and controls humidity in zones where substances like certain powders or flammable liquids are stored or processed. Rely on this solution to maintain optimum conditions and safeguard your operation.

### BENEFITS

- EX certified for Zones 1 & 2 (gas) and 21 & 22 (dust)
- 200 litres per 24 hours
- Highly Mobile
- IP65 Rated
- Reduces costly downtime
- Plug & play
- Fits through a standard doorway



### 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

#### OPERATING TEMPERATURE

-20°C to +50°C

#### INGRESS PROTECTION

IP65

#### PROTECTION

Refrigerant overpressure protection

Refrigerant leak protection Coil frost protection

Tipping protection

Vibration protection

Motor overcurrent protection

Phase rotation protection

#### DIMENSIONS

800mm(l) x 700mm(w) x 1290mm(h) – not including duct adapters

#### WEIGHT

200kg exc. cable

#### CURRENT DRAW @ 440VAC

Start Up: 22A Run: 15A

#### FREE AIRFLOW (COLD)

690m<sup>3</sup>/h (406cfm) @50Hz

#### DUCTING SIZE

20cm, 30cm, or 40cm

#### 3 PHASE SUPPLY

3Ph+E or 3Ph+N+E

#### TYPICAL WATER REMOVAL

200 litres per day / 8 litres per hour

#### NOISE LEVEL @ 1M

83dBa

#### CABLE LENGTH

20m (or as required)



AIR