

**SA CYCLONE**

## EX HIGH POWER AIR MOVER

SAF35HP



## POWERFUL VENTILATION FOR CONFINED SPACES

The SA CYCLONE High Power Air Mover is a highly effective portable ventilation fan certified for use in hazardous areas. With the ability to move large quantities of air over long distances, the SAF35HP works effectively as a blower or fume extractor and can be used with a number of different duct configurations, including multiple 10cm ducts for LEV type set ups. The powerful motor is highly efficient and the unit copes extremely well with the back pressure created by long duct lengths, ensuring optimum air movement, whether pushing fresh air into a space, or removing contaminated air or gas.

EX certified for Zones 1 and 2, 21 and 22 the SAF35HP meaning it is covered for both explosive gases and dusts, has an extremely durable construction with twin wall polymer housing. The Air Mover is further enhanced by the fact that different size duct adaptors can be fitted, effectively providing several different units in one product. The SAF35HP is fully compatible with SA CYCLONE Ducting, Connectors, Filtration Units and Manway Adaptors.



### BENEFITS

- EX Certified for Zones 1 & 2 (gas) and Zones 21 & 22 (dust)
- Configurable for use with 10cm, 20cm, 30cm & 40cm ducting
- Capable of providing long distance airflow through small duct sizes
- Powerful Air Flow
- Ergonomic design
- Easy carry handles
- Integral cable storage
- Stackable
- Used as blower or exhauster
- Tough and durable
- Lightweight
- Anti-static polyethylene housing

### CORE PRODUCT INFORMATION

**SA CYCLONE EX HP Air Mover c/w 20cm adaptors**  
110v, ATX 32A plug and 10m braided cable  
**Order Code: SAF35HP/110-20/ATX/10HRE**  
230v, ATX 16A plug and 10m braided cable  
**Order Code: SAF35HP/230-20/ATX/10HRE**  
230v, CEAG 16A plug and 10m braided cable  
**Order Code: SAF35HP/230-20/CEA/10HRE**

**SA CYCLONE EX HP Air Mover c/w 30cm adaptors**  
110V ATX 32A plug and 10m braided cable  
**Order Code: SAF35HP/110-30/ATX/10HRE**  
230V, ATX 16A plug and 10m braided cable  
**Order Code: SAF35HP/230-30/ATX/10HRE**  
230V, CEAG 16A plug and 10m braided cable  
**Order Code: SAF35HP/230-30/CEA/10HRE**

**SA CYCLONE EX HP Air Mover c/w 40cm adaptors**  
110V ATX 32A plug and 10m braided cable  
**Order Code: SAF35HP/110-40/ATX/10HRE**  
230V, ATX 16A plug and 10m braided cable  
**Order Code: SAF35HP/230-40/ATX/10HRE**  
230V, CEAG 16A plug and 10m braided cable  
**Order Code: SAF35HP/230-40/CEA/10HRE**

**SA CYCLONE EX HP Air Mover c/w 4x10cm manifold**  
110v, ATX 32A plug and 10m braided cable  
**Order Code: SAF35HP/110-410/ATX/10HRE**  
230v, ATX 16A plug and 10m braided cable  
**Order Code: SAF35HP/230-410/ATX/10HRE**  
230v, CEAG 16A plug and 10m braided cable  
**Order Code: SAF35HP/230-410/CEA/10HRE**

**STAHL** connectors and different cable types & lengths also available – please contact SA Equip for more details.

### SPECIFICATIONS

#### CERTIFICATION

EX II 2 G D  
Ex db eb h mb IIB+H2 T4 Gb  
Ex h mb tb IIIC T135°C Db

#### INGRESS PROTECTION

IP66

#### OPERATING TEMPERATURE

-40C to +50C

#### RUN TIME

Continuous

#### MOTOR PROTECTION

Thermal cut-out  
Vibration cut-out  
Over-current cut-out

#### FAN CASING

Anti-static polyethylene  
Flame retardant & chemical resistant

#### CABLE LENGTH

10m (or as required)

#### VOLTAGE OPTIONS

110VAC, 230VAC

#### TYPICAL PERFORMANCE

Airflow through 10cm duct over 200 metres - 122m<sup>3</sup>/hr

#### FREE AIRFLOW – 30CM VERSION

2481 cfm (4215 m<sup>3</sup>/hr)

#### FREE AIR FLOW – 40CM VERSION

2781cfm (4725m<sup>3</sup>/hr)

#### START UP CURRENT

110V: 50Hz: 88A

#### RUN CURRENT

110V: 50Hz: 22A

#### DIMENSIONS

458mm (l) x 420mm (w) x 590mm (h)  
458mm (l) x 650mm (w) x 590mm (h)  
(with adaptors)

#### WEIGHT

32kg (without cable)

#### NOISE LEVEL @ 1 METRE

90dBA



AIR