

AIR MOVER

SAF35/SAF35D



SAFE VENTILATION FOR HAZARDOUS ENVIRONMENTS

The SA CYCLONE Air Mover is a high-power portable ventilation fan designed for safe and reliable extraction of dangerous vapours, gases and dusts in hazardous environments. The exceptionally tough design and construction of the air mover means it performs with ease even in harsh and extreme conditions. The unit is designed with interchangeable adaptors allowing 20cm, 30cm or 40cm flexible ducting to be used.

Fully certified to the latest EX standards, the SAF35 is safe for explosive gases and substances to be directly extracted through the air mover.

To further add to the versatility, there are 2 main versions. The standard SAF35 is suitable for EX Zones 1 & 2 gases, and the SAF35D is suitable for both Zones 1 & 2 gases, and Zones 21 & 22 dusts.



BENEFITS

- EX Certified for Zones 1 & 2 (gas) and Zones 21 & 22 (dust - option)
- INMETRO Certified
- Configurable for use with 30cm & 40cm ducting
- High airflow
- Operates on 50 or 60Hz
- 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 Air Mover c/w 30cm adaptors

110V, ATX plug and 10m braided cable
Order Code: SAF35/110-30/ATX/10HRE
 110V, CEAG plug and 10m braided cable
Order Code: SAF35/110-30/CEA/10HRE
 230V, ATX plug and 10m braided cable
Order Code: SAF35/230-30/ATX/10HRE
 230V, CEAG plug and 10m braided cable
Order Code: SAF35/230-30/CEA/10HRE

SA CYCLONE EX Air Mover c/w 40cm adaptors

110V, ATX plug and 10m braided cable
Order Code: SAF35/110-40/ATX/10HRE
 110V, CEAG plug and 10m braided cable
Order Code: SAF35/110-40/CEA/10HRE
 230V, ATX plug and 10m braided cable
Order Code: SAF35/230-40/ATX/10HRE
 230V, CEAG plug and 10m braided cable
Order Code: SAF35/230-40/CEA/10HRE

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

SA CYCLONE EX Air Mover (Dust Certified) c/w 30cm adaptors

110V, ATX plug and 10m braided cable
Order Code: SAF35D/110-30/ATX/10HRE
 110V, CEAG plug and 10m braided cable
Order Code: SAF35D/110-30/CEA/10HRE
 230V, ATX plug and 10m braided cable
Order Code: SAF35D/230-30/ATX/10HRE
 230V, CEAG plug and 10m braided cable
Order Code: SAF35D/230-30/CEA/10HRE

SA CYCLONE EX Air Mover (Dust Certified) c/w 40cm adaptors

110V, ATX plug and 10m braided cable
Order Code: SAF35D/110-40/ATX/10HRE
 110V, CEAG plug and 10m braided cable
Order Code: SAF35D/110-40/CEA/10HRE
 230V, ATX plug and 10m braided cable
Order Code: SAF35D/230-40/ATX/10HRE
 c230V, CEAG plug and 10m braided cable
Order Code: SAF35D/230-40/CEA/10HRE

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

-40°C to +55°C

RUN TIME

Continuous

MOTOR PROTECTION

Thermal cut-out

FAN CASING

Anti-static polyethylene
 Flame retardant &
 chemical resistant

CABLE LENGTH

10m (or as required)

VOLTAGE OPTIONS

110VAC, 230VAC (50/60Hz)

FREE AIRFLOW – 30CM VERSION

(Independently tested)
 1953cfm [3319 m³/hr] @50Hz
 2185cfm [3712 m³/hr] @60Hz

FREE AIR FLOW – 40CM VERSION

(Independently tested)
 2683cfm [4559 m³/hr] @50Hz
 3048cfm [5179 m³/hr] @60Hz

START UP CURRENT

110V: 50Hz: 21A, 60Hz: 17A
 230V: 50Hz: 12A, 60Hz: 12A

RUN CURRENT

110V: 50Hz: 6A, 60Hz: 7A
 230V: 50Hz: 3A, 60Hz: 5A

DIMENSIONS

458mm (l) x 349mm (w) x 590mm (h)
 458mm (l) x 498mm (w) x 590mm (h)
 (with adaptors)

WEIGHT

22kg (without cable)

NOISE LEVEL @ 1 METRE

78dBA – 50Hz
 81dBA – 60Hz

You may also need...

Product Directory 102 - 111

