

*“SA CYCLONE products are brilliant – lightweight,
easy to use and amazingly powerful for their size.
They are always my first choice.”*

Project Manager, Specialist Contractor

HEAT
LIGHT
AIR
POWER



- 92 **20cm Fan**
- 96 **30cm Fan**
- 100 **40cm Fan**
- 104 **Anti-static Ducting & Duct Couplers**
- 108 **Venturi Air Mover**



AIR

To work effectively and safely, you often have to move air. Good air in, bad air out. The SA CYCLONE range of fans, ducting, couplers and adaptors allow you to make an inhospitable, dangerous environment into a safe workplace. And because they're designed as plug-and-play devices, easily moved and installed in minutes precisely where you need them, they can be put to work quickly, without fuss.

The SA CYCLONE range includes Fans, Venturis and a comprehensive selection of ducting and accessories. Thousands of offshore workers, shipbuilders, utilities operatives, chemical maintenance crews and refurb teams around the world rely on the SA CYCLONE range of products to keep them working safely, comfortably and effectively, whatever the conditions.

The SA CYCLONE range gives you breathing space to work – with a direct and tangible financial benefit.



20CM FAN

SAF20



COMPACT, PORTABLE VENTILATION WITH A PHENOMENAL PUNCH

Weighing only 12kg and just 35cm wide, the SA CYCLONE EX 20cm Fan can be moved quickly and easily into the most cramped and restricted space, yet still manages to shift **1660m³ of air per hour**. Built from ultra-tough, anti-static polymer you can quickly connect a 5 or 10 metre duct, with couplers available for longer lengths where required.

20CM FAN SAF20

BENEFITS

- ATEX & IECEx Certified for Zones 1 and 2
- Extremely compact
- Operates on 50 or 60Hz
- Used as blower or exhauster
- Tough and durable
- Lightweight – only 12kg
- Anti-static polymer housing
- Heavy duty motor
- Quick-Couple Canister system available
- Compatible with the SA CYCLONE Anti-static Ducting

You may also need...
Anti-static Ducting & Duct Couplers – see page 104
MDU – see page 116
Transformers – see pages 120 & 124
Splitter Boxes – see page 128



SPECIFICATIONS

- CERTIFICATION**
II 2 G Ex de IIB T6 Gb
- OPERATING TEMPERATURE**
-20°C to +40°C
- RUN TIME**
Continuous
- MOTOR TYPE**
Heavy duty switched
- CABLE LENGTH**
10m (or as required)
- VOLTAGE OPTIONS**
110VAC, 230VAC
- FREE AIRFLOW**
980cfm (1666m³/hour) – 110V
819cfm (1392m³/hour) – 230V
- START UP CURRENT**
7 Amps (110V + 230V)
- RUN CURRENT**
2 Amps (110V)
1.2 Amps (230V)
- DIMENSIONS**
390mm (h) x 350mm (w) x 350mm (d)
- WEIGHT**
12.25kg
- NOISE LEVEL @ 1 METRE**
74dB

CORE PRODUCT INFORMATION

SA CYCLONE EX Portable Fan 20cm 110VAC
c/w CEAG plug and braided cable
Order Code: SAF20/110-EX/CEA



SA CYCLONE EX Portable Fan 20cm 230VAC
c/w CEAG plug and braided cable
Order Code: SAF20/230-EX/CEA



SA CYCLONE EX Portable Fan 20cm 110VAC
c/w ATX plug and braided cable
Order Code: SAF20/110-EX/ATX



SA CYCLONE EX Portable Fan 20cm 230VAC
c/w ATX plug and braided cable
Order Code: SAF20/230-EX/ATX



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

See page 26 for our Plug, Socket, and Cable guide.

See pages 142 – 145 for the complete Core Product Directory.



30CM FAN

SAF30



WORK FAST IN POTENTIALLY DANGEROUS ENVIRONMENTS

The mid-weight option in the SA CYCLONE range of portable fans, our 30cm model delivers an impressive rate of 4250m³ per hour with a **continuously rated heavy-duty motor**. You can quickly connect to flexible anti-static ducts at 5 or 10 metres – supplied individually in dedicated, easy-to-carry holdalls – or couple to longer duct lengths where necessary. It also incorporates further practical safety features including an **automatic thermal cutout** on the motor.

30CM FAN SAF30

BENEFITS

- ATEX & IECEx Certified for Zones 1 and 2
- High airflow
- Operates on 50 or 60Hz
- Used as blower or exhauster
- Tough and durable
- Lightweight
- Anti-static polymer housing
- Dynamically balanced fan blades
- Heavy duty motor
- Compatible with the SA CYCLONE Anti-static Ducting

You may also need...
Anti-static Ducting & Duct Couplers – see page 104
MDU – see page 116
Transformers – see pages 120 & 124
Splitter Boxes – see page 128



SPECIFICATIONS

- CERTIFICATION**
II 2 G Ex de IIB T6 Gb
- OPERATING TEMPERATURE**
-20°C to +40°C
- RUN TIME**
Continuous
- MOTOR TYPE**
Heavy duty switched
- FAN CASING**
Anti-static glass reinforced ABS
- CABLE LENGTH**
10m (or as required)
- VOLTAGE OPTIONS**
110VAC, 230VAC (50/60Hz)
- FREE AIRFLOW**
2118cfm (3600m³/hour) @ 50Hz
2500cfm (4250m³/hour) @ 60Hz
- START UP CURRENT**
37 Amps (110V)
27 Amps (230V)
- RUN CURRENT**
7.2 Amps (110V)
3 Amps (230V)
- DIMENSIONS**
410mm (h) x 410mm (d) x 380mm (w)
- WEIGHT**
20kg
- NOISE LEVEL @ 1 METRE**
89dB

CORE PRODUCT INFORMATION

- | | |
|--|--|
| SA CYCLONE EX Portable Fan 30cm 110VAC
c/w CEAG plug and braided cable
Order Code: SAF30/110-EX/CEA | |
| SA CYCLONE EX Portable Fan 30cm 230VAC
c/w CEAG plug and braided cable
Order Code: SAF30/230-EX/CEA | |
| SA CYCLONE EX Portable Fan 30cm 110VAC
c/w ATX plug and braided cable
Order Code: SAF30/110-EX/ATX | |
| SA CYCLONE EX Portable Fan 30cm 230VAC
c/w ATX plug and braided cable
Order Code: SAF30/230-EX/ATX | |

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40CM FAN

SAF40



HIGH POWER, LOW WEIGHT

The 40cm model is the big brother in our range of portable EX-certified fans. But despite a phenomenal maximum airflow of 7580m³ per hour, it still **weighs only 28kg** – so you can quickly and easily put it where you need it. Built from ultra-tough anti-static polymer and fitted with aluminium turbine fan blades, the SA CYCLONE EX 40cm Fan will provide reliable extraction or ventilation in the most demanding and potentially dangerous environments. Where you need to ventilate a really big area, **you can stack several units**. 5 and 10 metre ducts are available, with couplers allowing connection to longer ducts if you need them.

40CM FAN SAF40

BENEFITS

- ATEX & IECEx Certified for Zones 1 and 2
- High airflow
- Operates on 50 or 60Hz
- Used as blower or exhauster
- Tough and durable
- Lightweight
- Stackable
- Anti-static polymer housing
- Dynamically balanced fan blades
- Compatible with the SA CYCLONE Anti-static Ducting

You may also need...
Anti-static Ducting & Duct Couplers – see page 104
MDU – see page 116
Transformers – see pages 120 & 124
Splitter Boxes – see page 128



SPECIFICATIONS

- CERTIFICATION**
II 2 G Ex de IIB T6 Gb
- OPERATING TEMPERATURE**
-20°C to +40°C
- RUN TIME**
Continuous
- MOTOR TYPE**
Heavy duty switched
- FAN CASING**
Anti-static glass reinforced ABS
- CABLE LENGTH**
10m (or as required)
- VOLTAGE OPTIONS**
110VAC, 230VAC (50/60Hz)
- FREE AIRFLOW**
3765cfm (6400m³/hour) @ 50Hz
4459cfm (7580m³/hour) @ 60Hz
- START UP CURRENT**
80 Amps (110V)
40 Amps (230V)
- RUN CURRENT**
15 Amps (110V)
8 Amps (230V)
- DIMENSIONS**
480mm (h) x 460mm (w) x 410mm (d)
- WEIGHT**
28kg
- NOISE LEVEL @ 1 METRE**
90.2dB

CORE PRODUCT INFORMATION

SA CYCLONE EX Portable Fan 40cm 110VAC
c/w CEAG plug and braided cable
Order Code: SAF40HP/110-EX/CEA



SA CYCLONE EX Portable Fan 40cm 230VAC
c/w CEAG plug and braided cable
Order Code: SAF40HP/230-EX/CEA



SA CYCLONE EX Portable Fan 40cm 110VAC
c/w ATX plug and braided cable
Order Code: SAF40HP/110-EX/ATX



SA CYCLONE EX Portable Fan 40cm 230VAC
c/w ATX plug and braided cable
Order Code: SAF40HP/230-EX/ATX



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

See page 26 for our Plug, Socket, and Cable guide.

See pages 142 – 145 for the complete Core Product Directory.





ANTI-STATIC DUCTING & DUCT COUPLERS

SAFD



GOOD AIR IN, BAD AIR OUT – YOU’RE IN CONTROL

With our superbly flexible, adaptable ducting and couplers you can quickly design and **implement a system to your precise requirements**, in virtually any environment. Built from anti-static reinforced polymer with integrated steel helix wire for strength, this ducting is ATEX approved for Zones 1 and 2. It’s been **tested to extremes in independent laboratory trials**, and passed both anti-static and flammability tests. Designed to work seamlessly with both the SA CYCLONE EX Fans and the SA FLEXIHEAT EX Heaters.

AIR

ANTI-STATIC DUCTING & DUCT COUPLERS

SAFD

BENEFITS

- Anti-static
- Flame retardant
- High quality construction
- Various lengths and widths of Ducting available
- Very short lead times
- Straight, Y-piece, and reducing couplers available
- Compatible with the SA FLEXIHEAT Heater
- Compatible with the SA CYCLONE Fans

You may also need...
Fans – see pages 92, 96 & 100



SPECIFICATIONS

DUCT FITTING
Heavy duty tensioning strap

DUCT CONSTRUCTION
Anti-static vinyl coated polyester fabric with integrated steel helix wire

DUCT DIAMETERS
20cm, 30cm, 40cm

DUCT LENGTHS
5m, 10m

DUCT WEIGHTS
20cm(W) x 10m(L) – 8.2kg
30cm(W) x 5m(L) – 8kg
30cm(W) x 10m(L) – 16kg
40cm(W) x 5m(L) – 10.3kg
40cm(W) x 10m(L) – 19.8kg

STRAIGHT COUPLER & Y-PIECE MATERIAL
Stainless steel with location ribs, anti-slip bands, and safety edging

STRAIGHT COUPLER & Y-PIECE DIAMETERS
20cm, 30cm, 40cm

CORE PRODUCT INFORMATION

SA CYCLONE Anti-static Duct 20cmØ x 10m long c/w carry bag
Order Code: SAFD20/10-EX



SA CYCLONE Anti-static Duct 30cmØ x 5m long c/w carry bag
Order Code: SAFD30/05-EX



SA CYCLONE Anti-static Duct 30cmØ x 10m long c/w carry bag
Order Code: SAFD30/10-EX



SA CYCLONE Anti-static Duct 40cmØ x 5m long c/w carry bag
Order Code: SAFD40/05-EX



SA CYCLONE Anti-static Duct 40cmØ x 10m long c/w carry bag
Order Code: SAFD40/10-EX



SA CYCLONE Straight Duct Coupler 20cmØ
Order Code: SAFD20/CU



SA CYCLONE Straight Duct Coupler 30cmØ
Order Code: SAFD30/CU



SA CYCLONE Straight Duct Coupler 40cmØ
Order Code: SAFD40/CU



SA CYCLONE Y-Coupler 30cmØ
Order Code: SAFD30/YC



See pages 142 – 145 for the complete Core Product Directory.



VENTURI AIR MOVER

SAV



POWERFUL, SIMPLE AND TRULY PORTABLE

The market-leading air-driven ventilator, it has no moving parts, and instead uses high velocity compressed air to create a pulling action and a subsequent large volume displacement through a diffuser, connecting to ducting or hoses where required. The smallest unit **weighs just 2kg** – not much more than a large torch. With no moving parts, our Venturi units are exceptionally reliable and require virtually no maintenance.

VENTURI AIR MOVER SAV

BENEFITS

- Powered by compressed air or saturated steam
- Tough and durable
- Anti-static polymer housing
- Highly reliable
- Minimal maintenance
- Cylindrical mixing chamber delivers higher induction ratios
- Fits standard API openings
- Earth lead and clamp available
- 3 sizes available – 13cm, 20cm, 30cm
- Compatible with the SA CYCLONE Anti-static Ducting

You may also need...
Anti-static Ducting & Duct Couplers – see page 104
Fans – see pages 92, 96 & 100



SPECIFICATIONS

OPERATING TEMPERATURE
 -20°C to +40°C

RUN TIME
 Continuous

FAN TYPE
 Venturi Cone

FAN CASING
 Anti-static Polyethylene

POWER SOURCE
 Compressed Air / Saturated Steam

MAXIMUM PRESSURE
 100psi/6.895 bar

FREE AIRFLOW @ 40PSIG
 810cfm (1377m³/hour) – 13cm
 1000cfm (1702m³/hour) – 20cm
 2740cfm (4658m³/hour) – 30cm

FREE AIRFLOW @ 80PSIG
 1180cfm (2006m³/hour) – 13cm
 1439cfm (2446m³/hour) – 20cm
 3329cfm (5659m³/hour) – 30cm

AIR CONSUMPTION @ 40PSIG
 22cfm (37m³/hour) – 13cm & 20cm
 59cfm (100m³/hour) – 30cm

AIR CONSUMPTION @ 80PSIG
 58cfm (99m³/hour) – 13cm & 20cm
 124cfm (211m³/hour) – 30cm

INLET CONNECTION
 Claw coupling (or as required)
 13cm & 20cm – 1/2" NPT
 30cm – 1" NPT

FLANGE
 API 3" (6.56" BC) – 13cm & 20cm
 API 6" (10.5" BC) – 30cm

WEIGHT
 2kg – 13cm
 3kg – 20cm
 6.8kg – 30cm

DIMENSIONS
 410mm x 130mm Ø – 13cm
 840mm x 200mm Ø – 20cm
 1060mm x 300mm Ø – 30cm

CORE PRODUCT INFORMATION

SA CYCLONE Venturi Air Mover 13cm (3" flange)
Order Code: SAV13/AP



SA CYCLONE Venturi Air Mover 20cm (3" flange)
Order Code: SAV20/AP



SA CYCLONE Venturi Air Mover 30cm (6" flange)
Order Code: SAV30/AP



SA CYCLONE Venturi Air Mover 30cm (6" flange)
 c/w 30cm Duct Adaptor
Order Code: SAV30/DA30



SA CYCLONE Venturi Earth Lead & Clamp
Order Code: SAV/EC/AP



See pages 142 – 145 for the complete Core Product Directory.

