

# HEATER

SAPH18440

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## WHERE POWERFUL PERFORMANCE MATTERS

THE SA FLEXIHEAT EX HEATER withstands the harshest conditions offering robust, reliable and powerful performance for a range of industry applications. The lightweight, ergonomic design offers increased portability across work sites. Fully certified for use in hazardous zones classified as 1 or 2, the Heater comes as 'Plug & Play' enabling efficient implementation and use of the system. Hosting optimised heating element design and a solid state electronic control system, our 440V Heater allows you to meet temperature requirements effectively and maintain optimum working conditions in temperatures as low as -40°C. If you're not using the SA FLEXIHEAT EX Heater, you're out in the cold.

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**SA FLEXIHEAT**

# HEATER

## SAPH18440

### BENEFITS

- ATEX certified for Zones 1 & 2 (gas)
- 400-440VAC (+/-10%)
- Compact, portable and lightweight
- Operational in temperatures as low as -40°C
- IP65 Rated
- 18kW Output at 440V
- Produces Airflow at 2560m<sup>3</sup>/HR
- Solid state electronic control system
- Marine grade materials
- Multiple lifting handles
- Optimised heating element design
- Can be used with or without ducting
- Compatible with SA CYCLONE DUCTING
  
- Compatible with SA POWERNET MDU



### SPECIFICATIONS

#### CERTIFICATION

Ex II 2 G c IIB T3  
Ex db e mb IIB T3 Gb

#### OPERATING TEMPERATURE

-40°C to +40°C

#### INGRESS PROTECTION

IP65

#### DIMENSIONS

760mm x 560mm x 560mm  
(l x w x h)

#### WEIGHT

55kg exc. cable

#### CURRENT DRAW @ 440VAC

Start Up: 32A

Run: 26A

#### FREE AIRFLOW

2130m<sup>3</sup>/h (1253cfm) @ 50Hz

2560m<sup>3</sup>/h (1506cfm) @ 60Hz

#### DUCTING SIZE

300mm diameter

#### 3 PHASE SUPPLY

3Ph+E or 3Ph+N+E

#### AIR SPEED

15.5m/s (51ft/s) @ 50Hz

16.3m/s (54ft/s) @ 60Hz

#### TYPICAL TEMPERATURE RISE

Approx. 20°C above ambient

#### NOISE LEVEL @ 1M

83dba

#### CABLE LENGTH

10m (or as required)

PATENT PROTECTED GB2524076

### CORE PRODUCT INFORMATION

SA FLEXIHEAT EX Heater 18kW 400V-440V (+/-10%)  
3Ph 50/60 Hz c/w 4p 32A CEAG Plug and 10m of braided cable  
**Order Code: SAPH18440/10HR/CEA32/4P**



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