

"I have used SA for lighting and have always found it to be the best. When I discovered that the Flexiheat Heater was made by SA, I knew it would be truly excellent. As expected, it did the job quickly and saved the company thousands of pounds. We now set you as a benchmark for how products should be."

Electrical Engineer, North Sea platform

HEAT
LIGHT
AIR
POWER



32 **Heater**

36 **Pipe Heating Jackets**

40 **HeatBox**



HEAT

Low temperatures slow you down. And when work is restricted or stopped by the cold, you lose money. That’s why an efficient, reliable, safe heat source can pay for itself in no time.

Our range includes a comprehensive system of EX certified heaters and pipe heating jackets, together with all the accessories and ancillary equipment you’ll ever need to put them to work. For painting, coating, curing, composite repairs and other temperature-critical jobs, in temperatures as low as -20°C, the SA FLEXIHEAT EX Heater is the rugged, portable answer. As for pipework and instruments, SA FLEXIHEAT EX Jackets provide near-instant protection, precisely where you need it.

When you’re battling cold, you need SA FLEXIHEAT on your side.



HEATER

SAPH15/400



POWERFUL, FLEXIBLE, PORTABLE, FULLY CERTIFIED

The powerful SA FLEXIHEAT EX Heater gets directly to your work area and heats it fast, whatever the conditions. With a compact, lightweight, ergonomic design, you can put it precisely where you need it, in minutes, with or without ducting, **with no need for a standby man**. It lets you get on with the job where and when you need to, at temperatures as low as -20°C, saving you time, risk and money on tasks like painting, coating and composite repairs. If you're not using the SA FLEXIHEAT EX Heater, you're out in the cold.



HEATER

SAPH15/400

BENEFITS

- ATEX Certified for Zones 1 and 2 (gas)
- Compact, portable, and lightweight
- Operational in temperatures as low as -20°C
- IP65 rated
- Produces airflow of 2130m³/hour
- 15kW output
- Efficient heating
- Optimised heating element design
- Marine grade materials
- Multiple lifting handles
- Can be used with or without ducting
- Compatible with SA CYCLONE Ducting (see page 104)
- Compatible with SA POWERNET MDU (see page 116)

You may also need...

Anti-static Ducting & Duct Couplers – see page 104

MDU – see page 116

Pipe Heating Jackets – see page 36



SPECIFICATIONS

CERTIFICATION

II 2 G c IIB T3
Ex d e IIB T3 Gb

OPERATING TEMPERATURE

-20° to +40°C

INGRESS PROTECTION

IP65

DIMENSIONS

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

WEIGHT

55kg exc. cable

CURRENT DRAW @ 400VAC

Start Up: 29A
Run: 23A

FREE AIRFLOW

2130m³/h (1253cfm) @ 50Hz
2560m³/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 15kW 400V (+/- 10%)
3 Ph 50/60 Hz c/w 4P 32A CEAG plug and 10m of braided cable
Order Code: SAPH15/400CEA



CEAG 5P & STAHL 5P plugs 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.



HEAT

PIPE HEATING JACKETS

SAFH150 / SAFH050



INSTALLED IN SECONDS, ANYWHERE YOU NEED THEM

SA FLEXIHEAT EX Pipe Heating Jackets give you a safe, effective and super-fast alternative to expensive and complex systems – they're perfect for use where trace heating fails, or is difficult to install. They simply and quickly wrap around pipes wherever low temperatures cause the contents to wax and solidify and can be installed by one worker within seconds. With three different sizes and linkable sections, they work with valves, instruments and complex manifold systems as well as straight and curved pipework. Effective in temperatures as low as -40°C, they keep compressors and pumps running to enable you to get on with those important maintenance jobs. **The potential cost savings are huge.**

PIPE HEATING JACKETS

SAFH150 / SAFH050

BENEFITS

- ATEX and IECEx Certified for Zones 1 and 2 (gas), 21 and 22 (dust)
- Operational in temperatures as low as -40°C
- Tough and durable
- Highly portable and lightweight
- Rapid and easy to install
- Different size options – 400mm, 700mm, & 1000mm (narrow)
- Available in 110V & 230V versions
- Self-regulating heat output
- No additional equipment required
- Options allow for virtually any sized pipe
- Suitable for straight or curved pipework
- Linkable

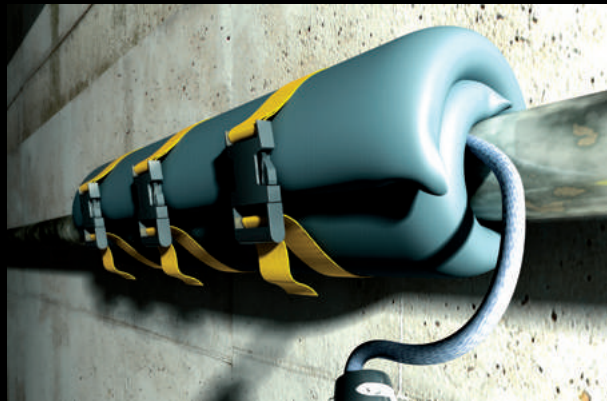
You may also need...

Heaters – see page 32

Extension Leads – see page 136

Transformers – see pages 120 & 124

Splitter Boxes – see page 128



SPECIFICATIONS

CERTIFICATION

Ex II 2 GD
Ex e IIC T5 Gb
Ex tb IIIC T95°C Db IP65

OPERATING TEMPERATURE

-40°C to +65°C

SELF REGULATING TEMPERATURE

65°C

VOLTAGE OPTIONS

110VAC, 230VAC

JACKET MATERIAL

Rubber coated glass cloth
Anti-static and Non-flammable

HEATING CABLE MATERIAL

Fluoropolymer

INGRESS PROTECTION

IP65

POWER (WATTS)

See product descriptions.
Measurements taken at 10°C

CURRENT DRAW (AMPS)

See product descriptions.
Measurements taken at -15°C

JACKET SIZES

SAFH150P/400C
400mm long x 600mm wide
Maximum pipe dia. 150mm

SAFH150P/700C
700mm long x 600mm wide
Maximum pipe dia. 150mm

SAFH050P/1000C
1000mm long x 300mm wide
Maximum pipe dia. 50mm

WEIGHT

2.2kg [SAFH150P/400C]
3.5kg [SAFH150P/700C]
3.0kg [SAFH050P/1000C]

FIXING METHOD

Adjustable tensioning belts with
snap-lock buckles

CORE PRODUCT INFORMATION

SA FLEXIHEAT EX 400mm Long Pipe Heating Jacket
110VAC Linkable 80W 0.96A for use with pipes up to
150mm dia. c/w CEAG plug & coupler and braided cable

Order Code: SAFH150P/400C110CEA



SA FLEXIHEAT EX 400mm Long Pipe Heating Jacket
230VAC Linkable 80W 0.46A for use with pipes up to
150mm dia. c/w CEAG plug & coupler and braided cable

Order Code: SAFH150P/400C230CEA



SA FLEXIHEAT EX 700mm Long Pipe Heating Jacket
110VAC Linkable 104W 1.25A for use with pipes up to
150mm dia. c/w CEAG plug & coupler and braided cable

Order Code: SAFH150P/700C110CEA



SA FLEXIHEAT EX 700mm Long Pipe Heating Jacket
230VAC Linkable 104W 0.60A for use with pipes up to
150mm dia. c/w CEAG plug & coupler and braided cable

Order Code: SAFH150P/700C230CEA



SA FLEXIHEAT EX 1000mm Long Pipe Heating Jacket
110VAC Linkable 72W 0.87A for use with pipes up to
50mm dia. c/w CEAG plug & coupler and braided cable

Order Code: SAFH050P/1000C110CEA



SA FLEXIHEAT EX 1000mm Long Pipe Heating Jacket
230VAC Linkable 72W 0.40A for use with pipes up to
50mm dia. c/w CEAG plug & coupler and braided cable

Order Code: SAFH050P/1000C230CEA



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

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HEATBOX

SAHB



PAINT & FLUID TEMPERATURES MAINTAINED

This portable SA FLEXIHEAT EX HeatBox will store containers of paint, PFP, grease and other substances at their optimum temperature right next to your application, even in a Zone 1 Hazardous area. This has been proven to deliver **extensive financial savings** as there is no longer the need to constantly carry product between heated stores and work site. It also means that the entire contents of the containers can be used, rather than wasting a percentage due to product solidifying. The HeatBox is air powered, exceptionally simple to use and virtually maintenance free.

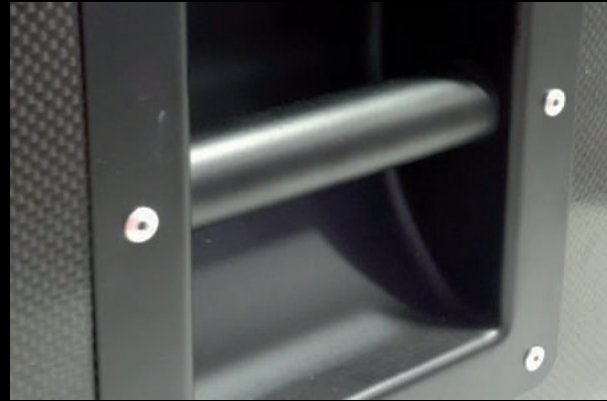


HEATBOX

SAHB

BENEFITS

- ATEX Certified for Zones 1 & 2 (gas)
- Saves you time, risk, and money on tasks
- Compressed air powered – no electricity required
- Portable and lightweight
- Easy product application
- Takes standard 20 Ltr containers
- Higher quality application
- Temperature indicator
- Safe and simple temperature regulation
- Fast and safe heating to over 40°C



SPECIFICATIONS

CERTIFICATION

EX II 2 G c T4

MAXIMUM CONTAINER DIAMETER

280mm

DIMENSIONS

860mm x 400mm x 400mm

RECOMMENDED WORKING PRESSURE

5 bar

MIN/MAX PRESSURE

4 bar minimum, 8 bar maximum

AIR CONSUMPTION

280l/min @ 24 bar

WARRANTY

2 years

WEIGHT

15kg

CORE PRODUCT INFORMATION

SA FLEXIHEAT EX HeatBox

Order Code: SAHB/2-AP



Please contact SA Equip should you require further details.



'The Heatbox quickly becomes warm and works well in the environment it is intended to. It is user friendly and functional.'

Assistant Drilling Manager, Global Drilling Company