



## SAN-HEF Hazardous Area Anti Condensation & Space Heaters

### Application

The self-regulating properties of the HEF enclosure heaters eliminate the requirement for a thermostat. Coupled with the compact design, this makes the HEF ideal for anti condensation, frost protection and temperature control where the enclosure is located within Zone 1 and Zone 2 Hazardous Areas.

Certified to ATEX Directive 94/9/EC IECEx, they are suitable for use where the flammable atmosphere is Group IIA, IIB or IIC Gas.

### Features

- Certified to meet the requirements of the ATEX Directive 94/9/EC, Gost and IECEx.
- Compact, low profile, stainless steel case, requires minimal space.
- Self-regulating - can be used without a thermostat.
- Suitable for ambient temperatures from -60° to +80°C.
- Mounting of the heater can be in any orientation.
- Design allows installation close to internal components and cables without fear of damage by overheating.

### Typical Applications

Control / monitoring panels  
Instrumentation cabinets  
Condensation prevention  
Temperature fluctuations  
Frost protection

### Certification

ATEX certified Ex II 2 G  
IECEX & ATEX certified Ex'e' T4  
EN/IEC60079-0 & EN/IEC60079-7

### Casing

Perforated stainless steel

### Element

Self-regulating

### Controls

The HEF is self-regulating, automatically reducing its output as the ambient temperature rises if overall enclosure temperature control is required it is recommended that the HEF heater is used in conjunction with one of the Ex'd' thermostats.

### Mounting

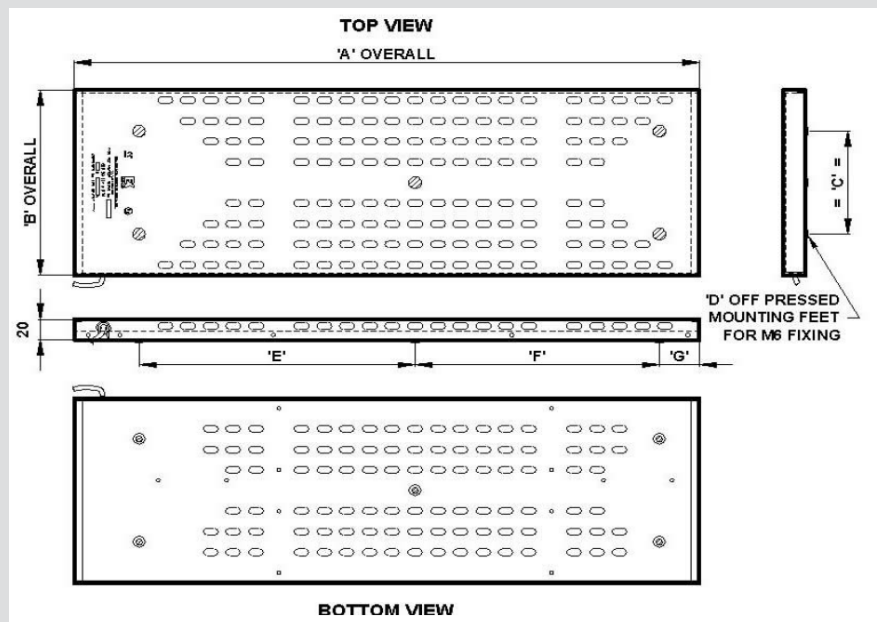
The heater may be mounted in any orientation, using appropriate securing bolts through the mounting feet.

### Rating

The HEF range is available in a nominal 30, 50, 100, 200 & 500 Watt outputs, models available for 110V or 230-240V single phase supplies.



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Model	A	B	C	D	E	F	G	
HEF30	130	73	Single foot in centre of case base					
HEF50	266	100	68	4	N/A	191	26	
HEF100	290	180	158	4	N/A	191	35	
HEF200	550	180	180	4	N/A	399	76	
HEF500	700	340	238	4	N/A	589	56	