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## UNIVERSAL STRIP HEATERS

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### FEATURES

*These rugged stainless steel heaters are simple to install, readily controlled and provide an even spread of low intensity heat - hence their versatility in solid, liquid and air heating.*

### APPLICATIONS

\* **INDIRECT "THROUGH WALL" HEATING**

Melting solids, improving flow of viscous or hygroscopic materials, heating temperature sensitive and corrosive substances (waxes, asphalt, tallow, greases, resins, paint, acids, fly-ash etc) by transmitting heat through the container wall.  
As well as clamping to regular shaped vats, tanks and large pipes, they also fix readily to difficult conical surfaces, sides of dust and sand hoppers, around grease kettles outlets, filter bodies etc.

\* **LOW TEMPERATURE AIR HEATING**

"Hot Boxes" for storing containers of viscous substances e.g. honey, molasses, inks, resins, petroleum-based chemicals.  
Ovens, cabinets, incubators etc. where the air temperature does not exceed 150°C if heaters are mounted internally.  
Anti-condensation protection of electric motors and switchboards.

\* **CONTACT HEATING & PRE-HEATING OF SOLIDS**

Platens, dies, moulds castings, sealing bars, thermo-forming machines, hotplates etc.

### SPECIFICATIONS

Heater body consists of a heavy gauge stainless steel channelling heat sink, with 8 x 13mm securing slots provided each end.

Alloy 840 sheathed tubular element, with a maximum sheath operating temperature of 650°C .

Terminated with threaded studs, nuts and cup washers, all stainless steel.



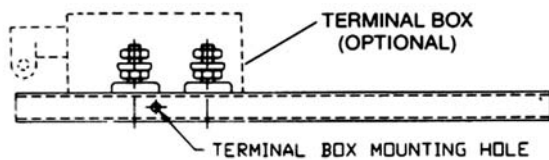
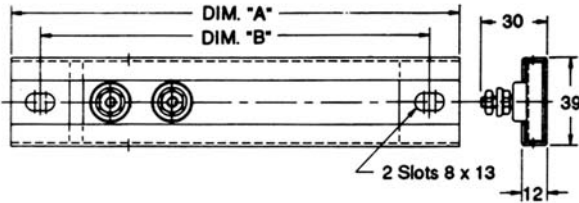
Universal strip heater

**Cat No. SH025268**



Stainless terminal cover  
(56 x 52 x 41 mm)  
available as an optional  
extra:

**Cat No. KE75B0**



CAT No.	WATTS	DIM. "A"	DIM. "B"
SH015203	150	203	177
SH025268	250	268	241
SH032388	325	388	361
SH035450	350	450	424
SH050268	500	268	241
SH050388	500	388	361
SH050388A	500 (415V)	388	361
SH050534	500	534	507
SH050600	500	600	574
SH075388	750	388	361
SH075534	750	534	507
SH075680	750	680	653
SH100534	1000	534	507
SH100680	1000	680	653
SH100915	1000	915	888
SH1001220	1000	1220	1194
SH1251083	1250	1083	1057
SH150915	1500	915	888
SH1501340	1500	1340	1314

**INSTALLATION**

The termination end should be secured firmly, with additional fixing at other points allowing sufficient slack for expansion/ contraction.

When mounting vertically, locate the terminations at the lower (cooler) end. Note that when bottom heating is used for melting solids in tanks, a line of heaters should be applied up to the surface level to melt a vertical track for pressure relief.

**\* CLAMPING**

Use the slotted holes with 8mm studs screwed in or welded on.

For large cylinders, clamping bands can be employed.

Recesses milled into a clamping plate can be used to locate heaters when screwed to platens etc.

**\* AIR HEATING**

Use 8mm stand-off studs to give a minimum of 25mm clearance.

**CONNECTIONS**

**Cat. No. QB95W0:** 50/0.25mm stranded nickel wire glass lapped and braided, rated 15A to 150°C max.

**Cat. No. PS1900WH:** 12.7 x 1.6 brass busbar, 13 x 5mm perforations rated 69A to 90°C max.



**PS1900WH**