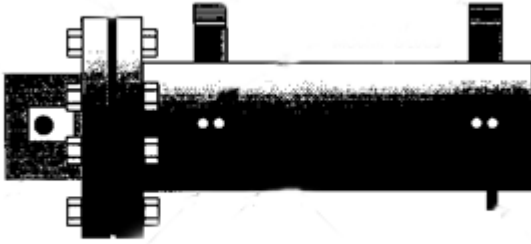


CIRCULATION HEATERS



APPLICATION

Circulation heaters are suitable for use in forced flow and natural flow heating loops where a safe, clean, reliable, and efficient heating source is required.

Virtually any liquid or gas may be heated provided that the system design ensures that the heater vessel remains completely full when in use.

SPECIFICATIONS

Watts: 0.5 to 800 KW
Volts: 120 to 600 Volts, (50 or 60 Hz)
Flange Size: up to 24 in. ANSI 150 to 1200 PSI
Flange Material: Carbon Steel, various Stainless Steel(s)
Pressure Vessel Sizes: up to 24 in. Pipe and Flange Size
Pressure Vessel Material: Carbon Steel, various Stainless Steel(s)
Insulated Heating Chamber
Overall Length "A" dimension up to 360 in.
Sheath Materials: refer to "Element Sheath Materials"

ELEMENT SHEATH MATERIALS

STEEL ELEMENT SHEATH:
12, 18 & 24 watts per square in. (WSI)

COPPER ELEMENTS SHEATH:
Up to 55 watts per square in. (WSI)

STAINLESS STEEL ELEMENT SHEATH

INCOLOY ELEMENT SHEATH

SPECIAL FEATURES – AVAILABLE

SPECIAL MATERIALS:

- *Stainless steel housing construction.
- *Free standing frame
- *Multistage units
- *Valves – P.R. - bleed and drain
- *Differential pressure switch
- *Built-in controls – mechanical or electronic hi-limits
- *Flanged or threaded inlet and outlet – 180° from each other
- *Factory mounted control panel
- *Cross flow baffles
- *Flow switch
- *Thermocouple – type J or K

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