

Gain Heaters - MXS

Gain Heater

Application

These heaters are specifically designed to prevent ice build-up on sluice gate guides or bodies. The heater is usually installed in a vertical well or duct of round or square cross section having a round nozzle at the top for fastening.

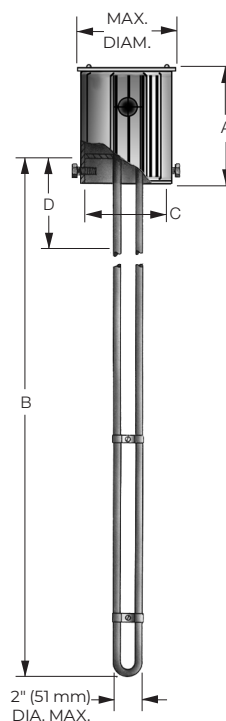
Construction

The heaters are available in single or dual wattage, customized to specifically suit the application.

The heating elements are silver brazed into a water tight terminal housing having recessed base for mounting. Element ends are hermetically sealed to prevent moisture ingress over prolonged periods when the heaters are not in service.

Unlike open wire heaters with ceramic supports, Type MXS heaters can be coiled to a six foot diameter to facilitate shipping and handling.

Type	Dimensions				Maximum Diameter	
	A		C			
	in	mm	in	mm	in	mm
1	5	127	3	76	3 5/8	92
2			4 1/8	105	4 5/8	117
3			4 3/8	111	4 7/8	124



To Order Specify

Voltage and Wattage - wattage may range from 6 to 18 watts per lineal inch depending on the conditions. For extra long heaters, utilize 480V or 600V to ensure that the heater can be built. If dual wattage is required, specify details.

Terminal Box - check the dimensions of the standard terminal box shown in the figure above, depicting the MXS series heater, for suitability. Other sizes and types are available.

Heating Element Dimensions - indicate insert length "B" and non-heated Section D. Allow 2% for manufacturing tolerance plus heater expansion when specifying "B" dimension.