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DURATHERM™

In northern climates, production does not stop in cold weather. At hi-Q, we understand the demands of an industrial environment. That is why we designed the DURATHERM -- a cast aluminum electric heater that solves the problem of heating large equipment exposed to severe vibration.

BUILT TO LAST

The CSA certified DURATHERM withstands extreme thermal conditions, and severe vibration and shock associated with heavy industrial use. The cast aluminum body houses and protects the stainless steel heating element, ensuring efficient heat transfer in the most punishing conditions. Stainless steel extensions secure the built-in junction box.

TWO KINDS OF HEAT

DURATHERM distributes heat evenly over a wide area using both conduction and convection. Heat transfers from the element to the equipment by conduction. A series of conical projections heats the surrounding air that then heats other sections of the equipment by convection.

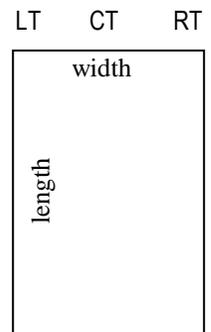
EASY TO INSTALL

DURATHERM has multiple mounting slots, so it bolts easily into place on secured mounting studs. The conical projections ensure smooth air flow regardless of the vertical orientation of the heater. Since the junction box is an integral part of the DURATHERM, there is no need to find a location for a separate junction box.

SPECIFICATIONS

To generate a catalogue number use: **HQ2011 - WATTS - VOLTS - LENGTH - WIDTH - BOX - CONE - BEND - SP**

- WATTS:** up to **1500** Watts/sq ft with cones, up to **1000** Watts/sq ft without cones
VOLTS: **120** VAC - **600** VAC
LENGTH: from **4"** up to **96"**
WIDTH: from **4"** up to **96"**
BOX: **LT** for junction box located at the left top side of width
CT for junction box located at the center top side of width
RT for junction box located at the right top side of width
CONE: **C** for cones, **NC** for no cones
BEND: **S** for 0° junction box bend
90 for 90° junction box bend
180 for 180° junction box bend (comes with integral insulation and S.S. cover plate)
SP: ****** for special requirements contact the factory



Approvals: CSA ordinary locations, NEMA 4X

Notes: 110°C cable may be required if the junction box is oriented directly above the heater plate when the Duratherm is in the mounted position (not applicable for 180° bend model). Contact the factory for design recommendations.

hi-Q specializes in custom applications, if you require non-standard selections please contact our engineering design group. Guaranteed against defects in materials and workmanship for life.