

# REFRIGERATION DEFROST HEATERS

Since 1959, Heatrex has been an industry leader in the design and manufacturing of electric defrosting heaters. Heatrex can meet your defrosting requirements.



[www.heatrex.com](http://www.heatrex.com)

814-724-1800

## STRAIGHT LENGTH



### Uses

Electric defrosting of coils and evaporator pans for commercial refrigeration equipment. May be clamped to pipes or tanks to promote drainage and prevent freezing.

### Construction

Straight length .250 diameter stainless steel sheath with molded water proof terminals. Leads are 24" of 600 v 105°C appliance wire with 7" cold section each end. Heaters are fully annealed to permit bending to shape in the field. UL listed Valox® mold is rated at 140°C. for wet locations. Approximately 11 watts per square inch.

### Installation

Heaters can be clamped directly to evaporator coils and operated by time clock or manual defrost controls. Heaters can be formed into drain pans to prevent freezing of condensate. Molded terminals should be located above standing water.

Watts	Volts	Sheath Length In.	Heated Length In.	Catalog Number
300	120	45	31	308100
450	120	68	54	308101
675	120	91	77	308102
675	240	91	77	308103
850	120	105	91	308104
850	240	105	91	308105
1000	240	118	104	308106
1250	240	188	174	308107
1350	240	150	136	308108
1500	240	216	202	308109

Stock

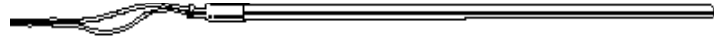
### Special Applications

Contact factory for element diameters, wattages and sheath lengths not listed above. Heaters are also available with many value added options:

- Custom cold sections
- Elements available in copper, incoloy or stainless steel
- Factory installed wire terminations
- Inline fusing
- Grounding wire welded to element sheath
- Single ended or double ended molded waterproof terminals
- Bimetal automatic limit control and/or fusible link molded in a waterproof mold for sheath temperature sensing

Contact factory for OEM quantity discount.

## CARTRIDGE TYPE



### Uses

Electric defrost heaters designed for insertion directly into holes provided in coil fins.

### Construction

Single ended straight length heater .490 diameter copper or stainless steel sheath. Filled with MgO and swaged to compact material around heating coil. End opposite terminal is sealed watertight. Molded watertight terminals with 2-1/2" cold section and 10" leads.

NOTE: also available in .430 diameter upon special order.

### Installation

Insert in .500 min. diameter hole. Locate mold above standing water.

Wattage		Volts	Sheath Length In.	Catalog Number	
Total	Sq. In.			Copper	Stainless
220	9	240	18	308114	308124
400	14	240	22	308115	308125
500	13	240	28	305116	308126
600	11	240	40	308117	308127
750	10	240	52	308118	308128
1000	11	240	60	308119	308129
1500	11	240	90	308120	308130

Custom

