NICKEL PLATED TEMPERATURE CONTROL FOR ICE MAKING EQUIPMENT

Maintains Desired Ice Level on Bin Type Ice Making Machines

FEATURES

- Sensing bulb and capillary nickel plated to meet sanitary requirements.
- Temperature dial graduated in °F and °C and can be adjusted through cover.
- · Dustproof steel case with top and bottom knockouts.
- Hydraulic action element No leveling required.
- Easy to wire screw terminals.
- · Adjustable differential.

SPECIFICATIONS

Finish Grey

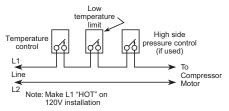
Bulb Finish Nickel plated

Agency U.L. listed and C.S.A. certified

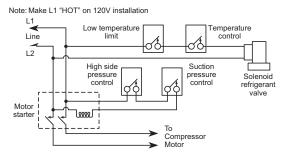
Model			Capillary	Bulb	Switch	Full Electrical	Motor Rating (Full Load)	
Number	Range	Differential	Length	Size	Action	Rating	120 VAC	240 VAC
1609-94	35 to 57°F	Adj. 3 to 20°F	6 ft.	7 ¹ / ₄ " x ³ / ₈ "	Close on	FGH	16.0A	8.0A
	(2 to 13°C)	(2 to 11°C)			Rise	see page 416		

Controls with one circuit (two terminals) -

Typical Refrigeration Pump Down Circuit



Circuit showing temperature control controlling compressor directly.



Circuit showing temperature control to open and close refrigerant valve. Suction pressure control starts and stops compressor through motor starter.

Controls with two circuits (three terminals)

The blue terminal is common. The table below shows the maximum load allowed between terminals.



limit control

This diagram shows a typical two-circuit							
application. Several zones receive re-							
frigeration from the same compressor,							
but each zone requires its own solenoid							
refrigerant valve, temperature control and							

