

# HOWE®

## Howe Ice Flaker Warranty Registration

It is Howe Corporation's requirement that the refrigeration contractor insert the following information when installing Howe Flake Ice Equipment. This form is required to initiate the factory warranty. Once this form is completed in full, please email to [service@howecorp.com](mailto:service@howecorp.com). Any questions, please call 773.687.4940

Howe Ice Flaker Model # \_\_\_\_\_ Serial # \_\_\_\_\_

Name of Ultimate User \_\_\_\_\_

Refrigeration Company Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ St. \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_

Technician's name (PRINT) \_\_\_\_\_

Installation Date: \_\_\_\_\_

Refrigerant (check one) **R-404a** \_\_\_\_\_ **R-22** \_\_\_\_\_ **R-507** \_\_\_\_\_ **Other** \_\_\_\_\_

Ice Machine Connected to: **Rack** \_\_\_\_\_ **Condensing Unit** \_\_\_\_\_

Refrigeration Charge in **lbs** if connected to a split system \_\_\_\_\_

Location of EPR Valve (check or list one below).

At Rack \_\_\_\_\_ At Ice Flaker \_\_\_\_\_ List other location \_\_\_\_\_

EPR Valve Model # \_\_\_\_\_

Heat Exchanger installed **Yes** \_\_\_\_\_ **No** \_\_\_\_\_

Are there bubbles in the sight glass **Yes** \_\_\_\_\_ **No** \_\_\_\_\_

Sight glass indicator: **Green / Yellow / Other**

Water level in distribution pan 1/2 - 3/4 full? (Check ball valve) **Yes** \_\_\_\_\_ **No** \_\_\_\_\_

Temperature of location of installation \_\_\_\_\_°F or \_\_\_\_\_°C

Suction pressure of Flaker's evaporator, measured at Schrader valve on suction line at outlet of evaporator \_\_\_\_\_ **PSIG**

**Note:** The Howe Flaker's TXV adjustment needs to be made while looking at the evaporator's freezing surface, through the opening at the top of the ice flaker barrel. When TXV is adjusted properly, the freezing surface should be uniformly covered by one continuous sheet of ice, from the top of the evaporator, all the way to the bottom. Often times, TXV must be opened for proper adjustment.

After TXV is adjusted per factory setting, place a check mark on the photo below which most closely resembles the look of the sheet of ice on the Ice Flaker's evaporator.

**Improperly adjusted**



**Check here**

**Properly adjusted**



**Or check here**

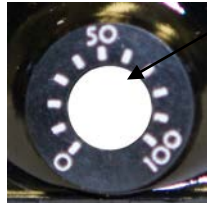
Once TXV is adjusted, determine the superheat setting of the evaporator. \_\_\_\_\_ **Degrees F.**

**Superheat doesn't necessarily indicate the TXV is adjusted correctly. However, it can confirm TXV is not adjusted correctly.**

Refer to Quick Step Guide and or Installation & Service Manual for recommended factory settings



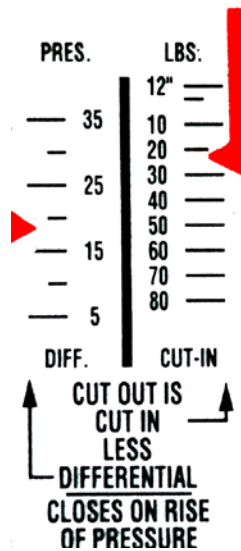
After proper adjustment (referenced on the Quick Step Guide)  
Record approximate dial indicating the approximate “Hi Amperage  
Overload” setting. (0-100)



After proper adjustment (referenced on the Quick Step Guide) Record approximate dial  
indicating the approximate “Off-Delay Timer”  
setting. (30-1)

### Condensing unit settings for split systems

#### Low Pressure Control



Cut in setting \_\_\_\_\_ Lbs

Differential setting  
\_\_\_\_\_ Pressure

#### Condenser Fan Switch (When applicable)



Set @ \_\_\_\_\_ °F

Suction Pressure \_\_\_\_\_

Discharge Pressure \_\_\_\_\_

Sight glass indicator: **Green** /  
**Yellow** / **Other**

Refer to Quick Step Guide and or Installation & Service Manual  
for recommended factory settings