



Ice Flaker Start and Adjust Warranty Form

Ice Flaker Model # _____ Howe S.O # _____ Serial Number _____ Date Installed ____/____/____ Type Refrigerant _____ Owners Name _____ Type of Business _____ Address _____ City _____ State _____ Zip _____	Start-up technician Information: Start-up Date ____/____/____ Co. Name _____ Tech. Name _____ Installer Information: Company Name _____ Address _____ City _____ State _____ Zip _____ Telephone (____) _____ Contact _____
--	---

Physical

1. Verify ice machine is level.
2. Verify bin opening is sealed to prevent airflow.

Water

3. Actual water pressure _____ PSI
4. R.O. water supply
 Howe water filter system
 Other: _____; _____ MICRONS
5. Water inlet temperature _____ °F

Ice machine.

6. Verify float valve shuts off when sump is full.
7. **Adjust** Water level in distribution pan to 1/2 full during normal operation.

Refrigeration

8. Flaker
 a). Multirack branch.
 b). Indoor condensing unit.
 c). Indoor compressor with outside condenser.
 d). Outdoor condensing unit.
 e). Water-cooled condensing unit.
 f). Refrigerant:
 R-404A, R-22, Other _____
9. **Adjust** back pressure control to maintain suction temperature at flaker
 a). 0°F to +5°F on 1000# units. _____ PSIG **NOTES:** _____
 b). -5°F to 0°F on all other units. _____ PSIG _____
10. Verify solid column of liquid refrigerant feeding ice flaker.
 Adjust TXV valve (If Necessary)
11. Record room ambient temperature _____ °F

Electrical

12. Ice level control:
 a). Howe infrared photo eye located in bin top pockets.
 b). Howe infrared photo eye bracket mount – no pockets.
 c). Remote device.
 d). None.
 Adjust alignment of emitter & receiver. (If Necessary)
13. Verify ice level control shuts off liquid solenoid (simulate full bin).
14. **Adjust** off-delay timer so that water pump and drive motor shuts off 1 minute after Evaporator is clear of ice.
15. Record amperage draw:
 a). Drive Motor:
 Volts _____ Ph ____ Cycle ____ Amps _____
 b). Complete unit:
 Volts _____ Ph ____ Cycle ____ Amps _____
16. Verify rotation of Flaker CCW from top.
- Ice
17. TXV adjusted so that ice is freezing, and harvesting top to bottom on evaporator
18. Verify ice blades are removing all ice on each rotation leaving surface clean.

For Howe corporation use only		Fill out & return this form to Howe Via Fax (773) 235-0269 or Mail.		
Received completed form	Verified form	Use backside for additional notes.		
Date / /	Date / / by :	Date / / By:	Acct #	Name:

fold here

Place
First Class
Stamp
Here

fold here

**Howe Corporation
Warranty Registration Dept.
1650 N Elston Ave
Chicago, IL. 60622-1530**

fold here