



HURRICHiLL Blast Chiller & Refrigeration Startup Checklist

To be returned to American Panel at the completion of start-up. Please complete one start-up form for each refrigeration system

Please complete the required fields below. Please note self-contained units do not require condensing unit model and serial number.

HURRICHiLL Model# _____

HURRICHiLL Serial# _____

Condensing unit model# _____ **Serial #** _____

Site address _____

City _____ **State** _____ **Zip** _____

Installing contractor _____

Start-up Technician _____ **Start-up Date** _____

Roll-In Units – Remote Refrigeration

The information below is required for HURRICHiLL blast chiller start-ups with remote refrigeration systems.

Voltage

Condensing Unit

Incoming voltage (3 phase units): L1-L2 _____ L1-L3 _____ L2-L3 _____

Running voltage (3 phase units): L1-L2 _____ L1-L3 _____ L2-L3 _____

Incoming voltage (1 phase units): L1-L2 _____

Running voltage (1 phase units): L1-L2 _____

HURRICHiLL Cabinet

Incoming voltage (3 phase units): L1-L2 _____ L1-L3 _____ L2-L3 _____

Running voltage (3 phase units): L1-L2 _____ L1-L3 _____ L2-L3 _____

Incoming voltage (1 phase units): L1-L2 _____

Incoming voltage (1 phase units): L1-L2 _____

Amperage

Cond. Fans: Rated amps _____ Running Amps Motor #1 _____ Motor #2 _____

Evaporator motor: Rated amps _____ Running amps _____

Compressor: Rated amps _____ Running amps _____

Defrost heaters: Rated amps _____ Running amps _____

Refrigeration

Measure after 15 minutes of run time

Suction pressure _____ Suction temperature _____ Superheat @evap _____ Superheat @ CU _____

Discharge pressure _____ Discharge temperature _____ Subcooling _____

Is sight glass clear: Yes No

Is suction line insulated from line set penetration in cabinet to compressor: Yes No

Defrost

Is "Enable Auto Defrost" checked in settings: Yes No

Auto defrost start time: _____

Additional Verifications

- Check integrity of unit once it is unpacked
- Verify chiller installed in proper location per the installation manual
- Verify proper clearances per the installation manual
- Confirm unit is level
- Confirm power supply to be in accordance with the manufacturer label on the right side of the unit
- Confirm proper installation of drain pan (reach-in units only)
- Confirm proper drainage
- Install wire shelves (if applicable)
- Confirm unit cycles 3 times at temperature in Hard Chill/Manual mode for blast chiller (does not require monitoring for entire duration of timed cycle)
- Confirm unit cycles 3 times at temperature in Shock Freeze/Manual mode for blast chiller freezers (does not require monitoring for entire duration of timed cycle)
- Set-up wi-fi connection (if applicable)
- Verify proper airflow direction

- Evaporator – front to back
- Condenser – front to back
- Inspect site glass to ensure clear and dry
- Check oil level in compressor base to a minimum of ½ full on indicator
- Engage, operate, and verify effectiveness of manual defrost cycle
- Verify UV light is operational (if applicable)
- Verify ozone is operational (if applicable)
- Verify USB operation (if applicable)

Verified by:

Installer Name: _____

Installer Signature: _____

General Contractor or End-User Name: _____

General Contractor or End-User Signature: _____

Please note that completion and submittal of start-up sheets are required for payment of installation and warranty registration. Failure to return start-up sheets will result in default warranty start date based on the date of shipping.

Please return completed checklist to American Panel Service Team at : **service@americanpanel.com**