

UNIT START-UP CHECKLIST

(Remove and Store in Job File)

MODEL NO.: _____

SERIAL NO.: _____

I. PRE-START-UP

- VERIFY THAT ALL PACKAGING MATERIALS HAVE BEEN REMOVED FROM UNIT
- VERIFY INSTALLATION OF OUTDOOR AIR HOOD
- VERIFY INSTALLATION OF FLUE EXHAUST AND INLET HOOD
- VERIFY THAT CONDENSATE CONNECTION IS INSTALLED PER INSTRUCTIONS
- VERIFY THAT ALL ELECTRICAL CONNECTIONS AND TERMINALS ARE TIGHT
- VERIFY GAS PRESSURE TO UNIT GAS VALVE IS WITHIN SPECIFIED RANGE
- CHECK GAS PIPING FOR LEAKS
- CHECK THAT INDOOR-AIR FILTERS ARE CLEAN AND IN PLACE
- CHECK THAT OUTDOOR AIR INLET SCREENS ARE IN PLACE
- VERIFY THAT UNIT IS LEVEL
- CHECK FAN WHEELS AND PROPELLER FOR LOCATION IN HOUSING/ORIFICE AND VERIFY SETSCREW IS TIGHT
- VERIFY THAT FAN SHEAVES ARE ALIGNED AND BELTS ARE PROPERLY TENSIONED
- VERIFY THAT SCROLL COMPRESSORS ARE ROTATING IN THE CORRECT DIRECTION
- VERIFY INSTALLATION OF THERMOSTAT
- VERIFY THAT CRACKCASE HEATERS HAVE BEEN ENERGIZED FOR AT LEAST 24 HOURS

II. START-UP

ELECTRICAL

SUPPLY VOLTAGE	L1-L2 _____	L2-L3 _____	L3-L1 _____
COMPRESSOR AMPS 1	L1 _____	L2 _____	L3 _____
COMPRESSOR AMPS 2	L1 _____	L2 _____	L3 _____
SUPPLY FAN AMPS	L1 _____	L2 _____	L3 _____

TEMPERATURES

OUTDOOR-AIR TEMPERATURE	_____ °F DB (DRY BULB)
RETURN-AIR TEMPERATURE	_____ °F DB _____ °F WB (WET BULB)
COOLING SUPPLY AIR TEMPERATURE	_____ °F
GAS HEAT SUPPLY AIR	_____ °F

PRESSURES

GAS INLET PRESSURE	_____ IN. WG
GAS MANIFOLD PRESSURE	STAGE 1 _____ IN. WG
	STAGE 2 _____ IN. WG
REFRIGERANT SUCTION	CIRCUIT A _____ PSIG
	CIRCUIT B _____ PSIG
REFRIGERANT DISCHARGE	CIRCUIT A _____ PSIG
	CIRCUIT B _____ PSIG

- VERIFY REFRIGERANT CHARGE USING CHARGING CHARTS

GENERAL

- ECONOMIZER MINIMUM VENT AND CHANGEOVER SETTINGS TO JOB REQUIREMENTS (IF EQUIPPED)
- VERIFY SMOKE DETECTOR UNIT SHUTDOWN BY UTILIZING MAGNET TEST

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