

Complete For
Warranty Registration



Complete All
That Apply

FACTORY/FIELD START-UP

JOB SITE NAME	INSTALLING CONTRACTOR	
ADDRESS	ADDRESS	
CITY, STATE, ZIP	CITY, STATE, ZIP	
PHONE/FAX	PHONE/FAX	
PERSON TO CONTACT AND EXTENSION	PERSON TO CONTACT AND EXTENSION	
UNIT MODEL/SERIAL NUMBERS (ONE REPORT PER UNIT)	START-UP PERFORMED BY(print)	DATE

Preliminary unit checks (As outlined in the "Installation and Maintenance Manual")

INSPECTED UNIT UPON ARRIVAL FOR DAMAGE - UNIT DAMAGED OR UNIT ARRIVED FINE		
FOUND BOX(S) OF UNMOUNTED PARTS AND PACKETS OF TECHNICAL LITERATURE		YES/NO
BLOWER SECTION:	BEARINGS, SHEAVES AND/OR BUSHINGS, AND BELT TIGHT	YES/NO
	CENTER SHAFT COUPLING TIGHT(BACKWARD INCLINE FAN UNITS)	YES/NO
	VIBRATION ISOLATED FAN SECTIONS - TIEDOWNS REMOVED (PAINTED YELLOW)	YES/NO
UNIT ASSEMBLY:	RE-ASSEMBLY OF THE UNIT MATCHES GENERAL ARRANGEMENT DRAWING	YES/NO
	INLET AND/OR DISCHARGE DUCTWORK INSTALLED PER I/O MANUAL	YES/NO
	MARKED COMPONENTS DISASSEMBLED FOR SHIPMENT HAVE BEEN PROPERLY	
ELECTRICAL CHECKS:	REASSEMBLED IN CORRECT LOCATION (ie. Motor, Conduit, Temp. Controls, splice channels)	YES/NO
	ALL SCREW TERMINAL CONNECTIONS TIGHTENED	YES/NO
	FIELD INSTALLED WIRING IN COMPLIANCE WITH DIAGRAM	YES/NO
UNIT SPECIFICATIONS: DOES VOLTAGE, FUEL TYPE, AND GAS PRESSURE AGREE WITH NAMEPLATE		YES/NO

ELECTRICAL DATA (If single phase omit any readings including L3)

LINE VOLTAGE	L1-L2	L1-L3	L2-L3	STEPDOWN PRI/SEC	/
LINE VOLTAGE TO GROUND	L1	L2	L3	LOW VOLTAGE	

MOTOR OPERATING DATA

Blower	Nameplate	As Read	Burner	Nameplate	As Read
Make			Make		
HP/S.F.			HP/S.F.		
R.P.M.			R.P.M.		
Volts			Volts		
Amps			Amps		
Phase			Phase		
Motor rotation checked?	CW	CCW	Motor rotation checked?	CW	CCW

Exhauster	Nameplate	As Read	Oil Pump	Nameplate	As Read
Make			Make		
HP/S.F.			HP/S.F.		
R.P.M.			R.P.M.		
Volts			Volts		
Amps			Amps		
Phase			Phase		
Motor rotation checked?	CW	CCW	Motor rotation checked?	CW	CCW

BLOWER/FAN OPERATION

Main Blower/Fan Shaft		Fixed sheave(s) changed?	Variable sheave(s) adjusted?
R.P.M.		YES _____ NO _____	YES _____ T.O. _____ NO _____
Counter-Flo Exhauster Shaft		Fixed sheave changed?	Variable sheave adjusted?
R.P.M.	 	YES _____ NO _____	YES _____ T.O. _____ NO _____
Blower Motor Lubricated		Bearings Lubricated	Stack/Flue Installed Correctly? YES _____ NO _____
Exhauster Motor Lubricated		Bearings Lubricated	
Does Unit Vibrate?		Any objections to any noise by customer?	Unit Level?

MOTOR OPERATED DAMPER(S)

Fresh Air	Damper Adjusted Yes _____ No _____	End Switch Check Yes _____ No _____
Return Air	Damper Adjusted Yes _____ No _____	End Switch Check Yes _____ No _____
Discharge Air	Damper Adjusted Yes _____ No _____	End Switch Check Yes _____ No _____
Profile Plates	Damper Adjusted Yes _____ No _____	End Switch Check Yes _____ No _____

SYSTEM/DUCT FURNACE RECORD

System/Duct Furnace Model Number (Example: HRDV or RDV) _____
System/Duct Furnace Serial Number(s) Furnace 1 _____, Furnace 2 _____,
Furnace 3 _____, Furnace 4 _____, Furnace 5 _____,
Furnace 6 _____, Furnace 7 _____, Furnace 8 _____

COUNTER-FLO BURNER RECORD (Gordon-Piatt/Power Flame only)

Gordon-Piatt Model Number _____	Serial Number _____
MAXON Model Number _____	Serial Number _____

TYPE OF BTU INPUT (Circle one) Natural Gas Propane Methane Electric Oil

Pressure to Unit's Inlet _____ p.s.i. _____ oz. _____ " w.c.	
Type of oil piping system (Refer to I/S Manual)	Single Pipe Method - Pressure / Suction
	Two Pipe Method - Pressure / Suction

ELECTRICAL ELEMENT INSERT NAMEPLATE DATA

MANUFACTURED BY: _____	MODEL/ORDER NUMBER: _____	
PRIMARY VOLTAGE _____	CONTROL VAOLTAGE _____	NUMBER OF STAGES _____

BURNER OPERATIONAL CHECKS

Burner operating pressure _____ "w.c.	Condition of burner _____
Length/Appearance of Pilot Flame _____	
Length/Appearance of Main Flame @ High fire _____ Low fire _____	
Counter-Flo Draft (Exhauster on, Burner on, in Breaching) _____ "w.c.	Over Fire (Access Door)
Counter-Flo Draft (Exhauster on, Burner off, in Breaching) _____ "w.c.	Over Fire (Access Door)
Counter-Flo Combustion Analysis CO _____ ppm CO ₂ _____ % Excess Air _____ %	
Stack Temperature: Gas Fired _____ ° F Oil Fired _____ ° F	

FLAME SAFEGUARD CHECKS

Purge Time _____ seconds	Flame Sense Type (Circle One) Rectification Ultra violet
Micro-Amp/DCV Readings @: High fire _____ Mid-Range _____ Low fire _____	
Time required for Flame Safeguard to trip to Alarm _____ seconds	

TIMER SETTINGS (THESE TIMERS MAY BE PART OF THE WHOLE CONTROL)

Delay Timer (1 DT) min./sec.	(2 DT) min./sec.	(3 DT) min./sec.	(4 DT) min./sec.	(5 DT) min./sec.
Overriding Timer (1 OT) min./sec.	(2 OT) min./sec.	(3 OT) min./sec.	(4 OT) min./sec.	(5 OT) min./sec.

CONTROL SET POINTS (Use electrical diagram to identify ()) control)**

Auto Summer/Winter Switch	(AC)	° F	High Limit Switch	(HL)	° F
Air Proving Switch (non-ETL)	(AP)	"w.c.	Low Gas Pressure Switch	(LG)	"w.c.
Air Proving Switch low velocity (ETL)	(AP-L)	"w.c.	Low Limit Switch	(LL)	° F
Air Proving Switch over velocity (ETL)	(AP-H)	"w.c.	Low Oil Pressure Switch	(LP)	psi
Outside Air Control	(AT)	° F	Discharge Air Control	(MD)	° F
Auxiliary High Limit	(AX)	° F	Modulation High Limit	(MH)	° F
Bonnet Fan Switch	(BF)	On ° F /Off ° F	Modulation Low Limit	(ML)	° F
Blocked Vent Switch	(BV)	° F	Mixed Air Temperature	(MS)	° F
Combustion Air Switch	(CA)	"w.c.	Inlet Air Control	(OR)	° F
Clogged Filter Switch	(CS)	"w.c.	Pre-purge Timer	(PT)	sec.
Discharge Temperature Limit	(DC)	° F	Room Thermostat	(RT)	° F
Draft Switch	(DS)	"w.c.	Selector Dial	(SD)	° F
Duct Thermostat	(DU)	° F	Temperature Limit	(TL)	° F
Fire Thermostat	(FF)	° F	Other Controls not listed	()	
Freeze Thermostat	(FZ)	° F	Other Controls not listed	()	
High Gas Pressure Switch	(HG)	"w.c.	Other Controls not listed	()	
Adjustable Profile Plates: Photohelic set points - Low "w.c. / High "w.c.(Factory setpoints:Low .52"w.c. High .58"w.c.)					

EVAPORATIVE COOLING SECTION

INPSECTED MEDIA PADS, PIPING, PUMP, AND CONTROLS FOR DAMAGE	YES/NO
TIME CLOCK SETTINGS ENTERED FOR TIME OF DAY, DAY OF WEEK, AND AUTOMATIC DUMP CYCLE	YES/NO
DOES THE EVAPORATIVE SECTION OVERSPRAY PAST THE SUMP	YES/NO
HAS THE DRAIN BEEN INSTALLED PER DESIGN INCLUDING TRAP AND OVERFLOW	YES/NO

DIRECT EXPANSION COOLING

DIRECT EXPANSION COOLING								SERIAL NUMBER
MAKE AND MODEL OF CONDENSING UNIT								
MAKE AND MODEL OF COMPRESSOR 1								
MAKE AND MODEL OF COMPRESSOR 2								
MAKE AND MODEL OF COMPRESSOR 3								
MAKE AND MODEL OF COMPRESSOR 4								
UNIT CAME HOT GAS BY-PASS READY				YES/NO	HOT GAS PIPED WITH INVERTED TRAP			YES/NO
REFRIGERANT TYPE		TOTAL QUANTITY		LBS	DRYERS INSTALLED		YES/NO	
		COMPRESSOR 1	COMPRESSOR 2	COMPRESSOR 3	COMPRESSOR 4			
NAMEPLATE VOLTAGE / ACTUAL								
NAMEPLATE FLA / ACTUAL								
NAMEPLATE LRA / ACTUAL								
CONDENSER FAN DATA	FAN1	FAN 2	FAN 3	FAN 4	FAN 5	FAN 6	FAN 7	FAN 8
MAKE AND MODEL								
NAMEPLATE VOLTAGE / ACTUAL								
NAMEPLATE AMPS / ACTURAL								
CUT IN / CUT OUT (PSI OR °F)								
NUMBER OF CIRCUITS		SUPERHEAT		CIRCIUT 1	°F	CIRCUIT 2	°F	
		SUB COOLING		CIRCIUT 1	°F	CIRCUIT 2	°F	
		LIQUID LINE PRESSURE		PSI		PSI		
		SUCTION LINE PRESSURE		PSI		PSI		
		LOW PRESSURE CUTOOUT SAFTEY		PSI		PSI		
		HIGH HEAD CUTOOUT SAFTEY		PSI		PSI		
		LOW OIL PRESSURE CUTOOUT		PSI		PSI		

