Residential Package Unit Cooling / Gas Heat Start-Up Sheet

Proper start-up is critical to customer comfort and equipment longevity

Start-Up Date	Company Name		Start-Up Technician								
Owner Information											
Name	A	ddress	5			Daytime Pl	none				
City		State or Province				Zip or Postal Code					
Equipment Data											
Unit Model #			Unit Serial #								
General Information (Check all that apply)											
Residential	<u> </u>		pry) nstruction		O Down flow						
Commercial		w Construction Roof level				○ Side flow					
Unit Location and Connections (Check all that apply)											
Unit is level and installed on: Slab Roof curb Duct connections are complete: Supply Return											
Condensate drain properly connected per the installation instructions											
Filters											
Filters installed Number of filters Filter size Filter located inside Filter located outside											
Additional Kits & Accessories Installed (Check all that apply)											
Refrigerant safety kit Low ambient kit Anti-recycle timer Crank case heater Filter frame kit											
☐ Transformer kit ☐ Economizer ☐ Roof curb kit ☐ Burglar bar kit ☐ Hail guard kit											
☐ Manual fresh air damper kit ☐ Motorized fresh air damper kit											
Electrical Connections & Inspection (Check all that apply)											
○ Single phase ○ Three phase ○ 208 volts AC ○ 230 volt AC ○ 460 volts AC ○ 575 volts AC											
☐ Inspect wires and electrical connections ☐ Transformer wired properly for primary supply voltage ☐ Ground connected										cted	
Low voltage present a	t control board	I "R & C	" Meası	ured voltag	ge "R" and '	"C" outdoor i	unit cont	rol board			
Line voltage present at disconnect Measured voltage "L1 to L2" "L2 to L3" "L1 to L3"											
Compressor amperes "L1"	"L2	2"	"L3"	Tot	tal ampere	s "L1"	"L2"		"L3"		
○ Single stage compressor ○ Two stage compressor											
Air Flow Setup / Cooling											
	C	В	○ C		(D)					
DI T	\bigcirc ECM	ADJUST A			B						
Blower Type &		DI	ELAY OA	С	В	○ C		(D)		
Set-Up	○ X-13	<u> </u>	<u>2</u>	С	3	<u> </u>		<u> </u>			
	○ PSC	○ Lo	ow	ow C	Medium	○ Med	dium Hig	h OH	ligh		
Supply static (inches of water column) Supply air dry bulb temperature Outside air dry bulb temperature											
Return static (inches of water column)			Return air dry bulb temperature Return air wet bulb temperature					re			
Total external static pressure			Temperature drop			Supply air wet bulb temperature					

Refrigerant Charge and	d Metering Device											
○ R-410A ○ R-22	Data plate - lbs / Oz	!	uction lin	e temperature [Discharge pressure						
○ TXV ○ Fixed Orifice	Discharge line		Suctio	n pressure		Liquid line temperature						
TXV# / Orifice size	temperature		Superheat			Subcooling						
Gas Heat												
○ Single Stage ○ Two Stage ○ Natural Gas ○ Propane LP (Requires LP Conversion Kit)												
LP Gas Conversion Kit # LP Conversion Kit Installed By Inlet Gas Pressure (w.c.")												
Manifold Pressure at 100% Firing Rate (w.c.") Measured BTU/H (Clock Gas Meter Nat Gas) Rated BTU/H												
Manifold Pressure / Low Fire Rate (w.c.") Return Air Dry Bulb Temp Supply Air Dry Bulb Temp Temp Rise												
Burner Flame Inspection - Blue flames extending directly into the primary heat exchanger cells												
Clean Up Job Site												
Job site has been cleaned,	indoor and outdoor debris	removed f	om job sit	te								
Tools have been removed from unit												
All panels have been installed												
Unit Operation and Cycle Test												
Operate the unit through continuous fan cycles from the thermostat, noting and correcting any problems												
Operate the unit through cooling cycles from the thermostat, noting and correcting any problems												
Owner Education												
Provide owner with the ov	wner's manual											
Explain operation of syste	m to equipment owner											
Explain thermostat use and programming (if applicable) to owner												
Explain the importance of regular filter replacement and equipment maintenance												
Comments and Additional Job Details												