

Startup Record Sheet - ATF-Series Two-Stage R410a

Installation Site		Startup Date	Installer	
City			Company	
Province		Check boxes unless asked to record data. Circle data units.	Model	
Country			Serial #	
Homeowner Name		Customer Phone #		

PRE-START INSPECTION

Outdoor Unit	Unit is securely mounted at least 8" from building, fans facing out						
	Fan outlet is clear of obstructions						
Line Set	Line set length, extra charge added (only if needed)		ft.	m		lb	kg
	System is pressure tested, vacuumed						
	All inter-connect piping is insulated and properly supported						
	Wiring is neat and securely fastened						
	Service valves are open and caps installed with torque wrench						
Ductwork	Ductwork completed, dampers adjusted, registers open						
	Air filter and end cap are installed						
	Condensate drain is connected, properly vented, & free of debris						
	Plenum heater is securely fastened (if applicable)						
Indoor Loop (Hydronic)	All shut-off valves are open, loop is full and purged of air						
	Loop static pressure		psig	kPa			
Domestic Hot Water	All shut-off valves are open, lines are full and purged						
	Desuperheater pump wire is disconnected						
Electrical	High/low voltage connections are correct and securely fastened						
	Circuit breaker size and wire gauge for heat pump		A		Ga.		
	Circuit breaker size, wire gauge, and size for Plenum Heater		A		Ga.		kW

STARTUP DATA

Preparation	Voltage across L1 and L2, L1 and L3, L2 and L3						VAC
Air Heating Mode (10 minutes)	Suction Pressure / Discharge Pressure				psig	kPa	
	Duct Return, Duct Supply, and Delta T		In		Out		°F °C
	Outdoor Air Temperature		°F	°C			
	Compressor L1 (black wire) current		A				
	Domestic Hot Water functioning						
Air Cooling Mode (10 minutes)	Suction Pressure / Discharge Pressure				psig	kPa	
	Duct Return, Duct Supply, and Delta T		In		Out		°F °C
	Outdoor Air Temperature		°F	°C			
Water Heating Mode (10 minutes)	Suction Pressure / Discharge Pressure				psig	kPa	
	Indoor In (Hot In), Indoor Out (Hot Out), and Delta T		In		Out		°F °C
	Outdoor Air Temperature		°F	°C			
	Compressor L1 (black wire) current		A				

Date:		Startup Personnel Signature:		Witness/Site Signature:	
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A total of three copies are required, one for the site, one for the installer/startup and one to be sent to Maritime Geothermal Ltd.