

Startup Record - TF-Series Two-Stage R410a

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

PRE-START INSPECTION

Ductwork	Ductwork is completed, dampers/ diverters are adjusted				
	Registers are open and clear of objects				
	Air filter and end cap are installed				
	Condensate drain is connected, properly vented, & free of debris				
	Plenum heater is securely fastened (if applicable)				
Closed Loop	All shut-off valve are open (full flow available)				
	Loop is full and purged of air				
	Antifreeze type & concentration				%
	Loop static pressure		psi	kPa	
Open Loop	Water valve & flow control installed in return line				
Indoor Loop (Hydronic)	All shut-off valves are open (full flow available)				
	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 (or fuse) size and wire gauge for Heat Pump		A		Ga.
	Circuit breaker (or fuse) size, wire gauge, and Plenum Heater size		A		Ga.

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 loop temperatures: In, Out, & Delta T		In		Out	°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 loop temperatures: In, Out, & Delta T		In		Out	°F °C
Hydronic Heating Mode (10 minutes)	Suction Pressure / Discharge Pressure				psig	kPa
	Indoor loop temperatures: In, Out, & Delta T		In		Out	°F °C
	Outdoor loop temperatures: In, Out, & Delta T		In		Out	°F °C
	Compressor L1 (black wire) current		A			

Date:		Installer Signature:		Homeowner Signature:	
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A total of three copies are required: one for the homeowner, one for the installer, and one to be sent to Maritime Geothermal Ltd.