

Startup Record: R-Series Size 25-80 Two-Stage R410a & RH- Series Size 25-80

Installation Site		Startup Date	Installer	
City			Company	
Province			Model	
Country			Serial #	
Homeowner Name		Homeowner Phone #		

Check boxes unless asked to record data. Circle data units.

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 and free of debris						
	Plenum heater is securely fastened (if applicable)						
Ground Loop System	All shut-off valve are open (full flow available)						
	Loop is full and purged of air						
	Antifreeze type						
	Antifreeze concentration		% Volume	% Weight			
	Loop static pressure		psi	kPa			
Ground Water System	Water Valve installed in return line						
	Flow control installed in return line						
Domestic Hot Water	All shut-off valves are open						
	Lines are full and purged						
	Desuperheater pump wire is disconnected						
Electrical	High 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.		kW
	Low voltage connections are correct and securely fastened						

STARTUP DATA

Preparation	Voltage across L1 and L2, L1 and L3, L2 and L3								VAC
Heating Mode (10 minutes)	Suction Pressure / Discharge Pressure					psi	kPa		
	Duct Return, Duct Supply, and Delta T		In		Out		°F	°C	
	Outdoor In (Supply In), Outdoor Out (Supply Out), and Delta T		In		Out		°F	°C	
	Outdoor Flow		lgpm		gpm		L/s		
	Compressor L1 (black wire) current		A						
	Domestic Hot Water functioning								
	Thermostat setpoint, suction and discharge pressures at cycle end		°F	°C				psi	kPa
Cooling Mode (10 minutes)	Suction Pressure / Discharge Pressure					psig	kPa		
	Duct Return, Indoor Out, and Delta T		In		Out		°F	°C	
	Outdoor In (Supply In), Outdoor Out (Supply Out), and Delta T		In		Out		°F	°C	
	Thermostat setpoint, suction and discharge pressures at cycle end		°F	°C				psi	kPa

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 on to be sent to Maritime Geothermal Ltd.