

**Startup Record: R-Series Size 09-24 R410a**

<b>Installation Site</b>		<b>Startup Date</b>	<b>Installer</b>	
<b>City</b>			<b>Company</b>	
<b>Province</b>			<b>Model</b>	
<b>Country</b>			<b>Serial #</b>	
<b>Customer Name</b>		<b>Customer Phone #</b>		

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

**PRE-START INSPECTION**

<b>Ductwork</b>	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)					
<b>Ground Loop System</b>	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		
<b>Ground Water System</b>	Water Valve installed in return line					
	Flow control installed in return line					
<b>Electrical</b>	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**

<b>Preparation</b>	Voltage across L1 and L2, L1 and L3, L2 and L3					VAC
<b>Heating Mode (10 minutes)</b>	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			
	Thermostat setpoint, suction and discharge pressures at cycle end		°F	°C		psi
<b>Cooling Mode (10 minutes)</b>	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

<b>Date:</b>		<b>Installer Signature:</b>		<b>Customer Signature:</b>	
A total of three copies are required: one for the homeowner, one for the installer and on to be sent to Maritime Geothermal Ltd.					