

Startup Record —RH-Series Size 25-75 Two-Stage R410a

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

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			psig	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	USgpm	L/s		
	Compressor L1 (black wire) current		A				
	Domestic Hot Water functioning						
	Thermostat setpoint and discharge pressure at cycle end		°F	°C	psig	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 and suction pressure at cycle end		°F	°C	psig	kPa	

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.