

## Startup Record —PC-Series Size 45-80 R410a

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

**Check boxes unless asked to record data, otherwise circle 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, trapped, vented & free of debris					
	Unit is sitting level					
	Plenum heater is securely fastened (if applicable)					
<b>Indoor (Pool) Loop</b>	No leaks in the connections to the PC unit ports					
	There is flow and bypass is setup as per drawing 002297PDG					
<b>Electrical</b>	High voltage connections are correct and securely fastened					
	Circuit breaker (or fuse) size and wire gauge for PC unit		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>	Air and pool water setpoints are set at values listed in table						
	Voltage across L1 and L2, L1 and L3, L2 and L3					VAC	
<b>Pool Water Heat Mode</b>	Flow set for a discharge pressure of 350-400PSIG						
	Suction pressure after 10 minutes of runtime			psi	kPa		
	Unit switches to Air-Reheat mode						
<b>Air Re-Heat Mode (10 minutes)</b>	Suction Pressure / Discharge Pressure			psi	kPa		
	Duct Return, Duct Supply, and Delta T		In		Out	°F °C	
	Compressor L1 (black wire) current		A				
<b>Plenum Heater</b>	Current draw (all stages on)		A				
<b>Heat Rejection Mode</b>	Suction and discharge after 10 minutes of runtime			psi	kPa		
<b>Final Inspection</b>	Electrical box cover installed on unit and plenum heater						
	Piping leak free, area is clean						
	Dehumidification setpoint			%RH			
	Air temperature setpoint, delta				°F	°C	
	Pool water temperature setpoint, delta				°F	°C	

<b>Date:</b>		<b>Installer Signature:</b>		<b>Homeowner Signature:</b>	
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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.