

	WARRANTY COMPRESSOR REPLACEMENT FORM
INSTRUCTIONS:	ALL SECTIONS 1-6 MUST BE FILLED OUT COMPLETELY AND ACCURATELY. INCOMPLETE
	FORMS CANNOT BE PROCESSED AND WILL DELAY THE WARRANTY COMPRESSOR.
	For credit, reimbursement or new compressor, a Copy or Photo of the tag from the
	defective compressor <u>MUST</u> be submitted along with the completed form.
	The form and tag should be sent together to <pre>technicalservice@horizonscientific.com</pre>
	For help or questions about completing this form, call technical service at 800-648-4041

1: WHAT IS THE HORIZON SCIENTIFIC TICKET NUMBER CREATED FOR THIS WARRANTY REQUEST?

Horizon Warranty Request Ticket # :	If you don't know, please call us.
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2: SERVICE/REPAIR COMPANY INFORMATION

Service/Repair Com	pany Name :	
Company Cont	tact Person :	
	Phone :	
	Email :	
	Street :	
Service Company	City :	
"Ship-to" Address	State :	_
	Zip Code :	-

3: EQUIPMENT INFORMATION

Equipment Brand :			
Equipment Model :			
Equipment Serial Number :			
Refrigerant Type :	YES	NO	UNSURE
Has the compressor been replaced before on this unit? :			

4: INOPERATIVE COMPRESSOR INFORMATION

*This section can be skipped if a photo of the compressor tag is provided with the completed form.

Model:

Serial:

LRA number listed on label:

Date failed:

5: PRELIMINARY QUESTION

Is the condenser blocked? (If yes, please attached a picture) :

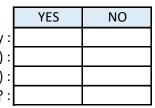
YES NO

6: WHAT IS THE COMPRESSOR FAILURE? (At least one must be selected and completed in full)

DEFECTIVE STARTING COMPONENTS

Defective start relay :

Defective run capacitor (greater than +/-10% rated capacitance) : Defective start capacitor (greater than +/-10% rated capacitance) : Does a 3-in-1 hard start kit run the compressor? :



HORIZON SCIENTIFIC, INC.

LOCKED ROTOR Line Voltage measured with compressor off : Volts Volts Line Voltage measured with the compressor on : Amp draw measured with compressor on : Amps Were the starting components checked? (select one) : If "No" is selected, check the starting components and also complete that section on the previous page. BAD VALVES What is the suction pressure? : ______psig What is the discharge pressure? : psig Any additional comments? : WINDING SHORTED TO GROUND Measured resistance between C (common) and S (start) : Ω Measured resistance between C (common) and R (run) : 0 Measured resistance between S (start) and R (run) : Ω Which winding is shorted to ground? (select one) : Measured resistance between the winding and ground : Ω WINDING SHORTENED INTERNALLY What is the resistance between C (common) and S (start) : Ω What is the resistance between C (common) and R (run) : Ω What is the resistance between S (start) and R (run) : Ω Which winding is shortened internally? (select one) : OPEN WINDING What is the resistance between C (common) and S (start) : Ω What is the resistance between C (common) and R (run) : Ω What is the resistance between S (start) and R (run) : Ω Which winding is open? (select one) : Note: If both windings are open to common, then an internal thermal overload might be tripped. Allow the compressor to cool internally completely (24hrs), then troubleshoot the system again. NOISY OPERATION When does the noise occur? (select at least one) : Compressor start Compressor Shut-down Intermittently during operation Continuously during operation Describe the sound (banging, clanging, hum, rattle, etc.) : What is the suction pressure? : psig What is the discharge pressure? : psig Is refrigerant slugging the compressor? : Are the compressor mounts secure? : Any Additional Comments? : REFRIGERANT LEAKING FROM COMPRESSOR Where on the compressor is the leak? :

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