Daikin Applied Compressor Checklist

This form must be completed and emailed to custserv@tmi-asg.com within 10 days of start-up date.

Failure to provide this information voids all warranties

Date of Check / Start-Up:			RMA#		
Contractor / Dealer Company Name and	Address:	•	Installed Compressor Madel		
			Installed Compressor Model:		
			Installed Compressor Serial No.:		
Your Name:		1	Removed Compressor Model:		
E-Mail:		R	Removed Compressor Serial No.:		
Owner / Customer Name and Address:		•	Chiller / Cond. Section Model:		
Owner / Gustomer Name and Address.		С	Chiller / Cond. Section Serial No.:		
E-Mail:			Acid Test Done ?:		No
Compressor / Unit Start-Up Ambient Outdoor Temp.:	Degrees F Min Load Max Load	İ	Acid Test Resu	lts and Actio	ons:
'				Oil Leve	el at Sightglass
Evaporator Return Air/Water Temp.:					
Evaporator Discharge Air/Water Temp.:			Compressor not operating:		Full Three Quarter
Conditioned Air Temp.:					Half
Suction Line Temp. @ Compressor:					Quarter Empty
Suction Pressure @ Compressor:					
Less: (Suct. Press. converted to Temp.)					Full
Suction Superheat:					Three Quarter Half
Discharge Gas Temperature: (6 inches from service valve)		Aft	ter Compressor running 10 min.:		Quarter
Discharge Pressure:					Empty
Crankcase Heater Operating?					
New Filter Drier / Cores Installed?				Volts	Amno
Quantity:			Line - 1	VOILS	Amps
quid line sightglass moisture indicator dry?					7
Liquid line temperature:			Line - 2		
Liquid line pressure:			Line - 3 Sum (Volts) =		
Liquid iirie pressure.				h; 2) ==	
			Average (Sum divided		
Condenser Subcooling:		1	Voltage Difference (wors	st leg) ==	
Expansion Valve Bulbs tight?		9/	6 Imbalance (worst leg/average x		
		a) Rotate wires "forward"> move wire on Terminal-1 to Terminal-2;			
Evaporator Coil Clean?		Terminal-2 to Terminal-3; and Terminal-3 to Terminal-1. Measure and			
Contactors replaced?]	recalculate as before. If now less than 3%, connection is good and leave it as connected; If imbalance is still more than 3%, see b) below.		
Unit or Compressor Fuse Size:] b	b) Move wires "forward" once more, remeasure and recalculate. If now less		
Note:	Please see reverse	1	than 3%, connection is good and leave	it as connecte	d.
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	side for important feedback information.	c)	If imbalance remains above 3% in all the advise Owner / Customer that they have		

Daikin Applied does not warranty compressors for single-phase motor burns.

To avoid single phase motor burns, a new contactor(s) must always be installed when installing a new remanufactured semi-hermetic compressor.

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This test to be per	formed on the failed cor	mpressor.	
How many compressors	s have failed on this unit/syster	n?	
Failed Compresso Noise	r Symptoms (check as many Compressor will not start	v as apply): <u>Mechanical</u>	Type of Equipment:
At start-up Running-steady Running-intermittent At shut-down Excessive vibration Leak Note Location	Motor grounded Motor open Starting components OK Thermostat open Oil pressure trip Module Trip (motor protector) Module Trip (demand cooling) Voltage at compressor Locked Rotor	Broken Rods Discolored valve plate Worn Bearings Dragging rotor Little or no oil Broken Suction Reeds Low Oil Pressure Broken Discharge Valves Other	Air Conditioning A/C, HP Split System A/C, HP Packaged Remote condenser Comfort Cooling Thermal Storage Other Refrigeration Parallel Single Booster Reach-in case Condensing unit Process Application
Refrigerant Floodback Flooded Starts Slugging Loss of Oil	High discharge Temperature Uniform Burn Single Phase Burn Half winding Single Phase Burn	Half Winding Burn Other Primary Single Phase Spot Burn	
Planned Corrective Ac	ction:		
Installer's / Technician's	s Name. Please print	Signature	

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