

COMPRESSOR / CONDENSER TROUBLESHOOTING

SYMPTOM / COMPLAINT	POSSIBLE CAUSES																													
	Power Failure	Low Voltage	Blown Breaker	Disconnect Switch Off	Loose or Broken Wire	Incorrectly Set Thermostat	Defective Thermostat	Defective Transformer	Compressor Grounded	Defective Contactor	Bad Compressor Capacitor	Bad Fan Motor Capacitor	Defective Compressor	Bad Condenser Fan Motor	Restriction	Undercharged	Dirty Filter	Dirty Evaporator Coil	Dirty Condenser Coil	Insufficient Air Flow	Overcharged	Noncondensables in System	Defective Evaporator Fan Motor	Bad Evaporator Fan Motor Capacitor	Thermostat Incorrectly Located	Duct Work	System Undersized	Condenser Incorrectly Located	Blower Wheel Loose on Shaft	
No Cooling Compressor and fan are running	X	X	X	X	X	X	X																							
Insufficient Cooling Compressor and fan are running						X	X								X	X	X	X	X	X	X	X			X	X	X	X	X	X
Compressor Will Not Start Indoor fan runs		X	X		X	X	X	X	X	X	X	X	X			X														
Insufficient Air Flow																	X	X					X			X	X			X
Outdoor Fan Will Not Start Compressor runs					X						X		X																	
Indoor Fan Will Not Start Compressor runs					X																		X	X						
Compressor Short Cycles Outdoor fan runs		X			X	X			X	X	X	X					X	X	X			X		X						
Compressor Runs Continuously						X	X		X		X	X	X	X	X	X	X	X	X		X			X	X	X	X	X	X	X
Breaker Tripping		X			X			X	X	X	X	X	X	X			X	X	X				X	X						
Noisy Unit / Excessive Air Noise									X		X															X				X
Fan(s) Run Intermittently Compressor running					X	X	X				X		X										X	X						
Evaporator Icing Up															X	X	X	X		X		X	X	X	X	X	X	X	X	X
Sweating Ducts																										X				
Noisy Compressor											X											X								
High Head Pressure											X	X				X	X	X	X	X	X	X	X	X				X	X	
Low Head Pressure											X				X															
High Suction Pressure											X											X								
Low Suction Pressure															X	X	X	X	X	X										
Insufficient Cooling						X	X						X	X	X	X	X	X	X	X		X	X		X	X	X	X	X	X

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Some items on this page may require additional delivery time. For more information please call 1-800-431-3000.