

CONDITION	CAUSE	EFFECT
<u>DIRTY AIR FILTERS</u>	Improper Change Frequency Improper Media Application Too Much Outside Air	Compressor Failure Restricted Evaporator Coil Plugged Motor Passages Dirty Blower Wheels Bearing Failure Increased Energy Consumption Evaporator Motor Failure Loss of Air Flow
<u>FAULTY DRIVE BELTS</u>	Improper Belt Alignment Wrong Size and Type Sheave alignment & Wear Bearing Wear	Compressor Failure Pulley Replacement Loss of Air Flow Bearing Failure Evaporator Motor Failure Noise
<u>DIRTY MOTORS</u>	Overheating of Windings	Motor Component Failure Increased Electrical Consumption Noise
<u>BURNT CONTACT POINTS</u>	"Single Phased" Components High Point Resistance	Compressor Failure Premature Component Failure Increased Electrical Consumption
<u>REFRIGERANT LEAKS</u>	Cracked Solder Joints Improper System Charge Safety Control Cycling Loss of Lubrication	Compressor Failure Increased Energy Consumption Decrease in System Capacity System Freeze-up
<u>PLUGGED DRAINS</u>	Debris Build-up	Flood-over onto Ceiling Leaks onto Roof
<u>TRASH ON ROOF</u>	Left Behind by Contractors and Others	Injuries Roof Leaks Roof Repairs Unsafe Conditions
<u>MISSING/LOOSE PANELS</u>	Improper Installation After Servicing Wind Damage	Conditioned Air Lost Water Filtration & Damage Increased Energy Consumption Equipment Damage Rust and Corrosion

