

# STANDARD PREVENTIVE MAINTENANCE GUIDELINE



System		Guideline
on	off	
<b>Daily Pre-trip Inspection and Maintenance</b>		
	X	Check condition and tension of drive belts.
X		Confirm all evaporator and condenser fans are operating.
X		Check for unusual noises at the engine, evaporator, and condenser.
X		Run system for 5 minutes.
<b>Weekly Inspection</b>		
		Conduct Daily Pre-trip Inspection.
	X	Check air filter- clean or replace as needed.
X		Check for sufficient air flow at evaporator air outlet. Inspect return air filter if air flow is less than normal.
X		Check set point temperature on digital thermostat to ensure proper cooling.
	X	Check condenser and evaporator coils for cleanliness - clean if needed.
X		Check for water dripping from the evaporator or air ducts.
<b>Monthly Inspection</b>		
		Conduct Weekly Inspection.
	X	Clean or replace return air filter.
	X	Check compressor belt for wear and proper tension.
X		Confirm sufficient battery voltage.
	X	Inspect wiring harness and relay board to ensure electrical integrity.
	X	Inspect kazoo valves on all drain lines.
<b>Quarterly Inspection</b>		
		Conduct Monthly Inspection.
	X	Inspect all components including evaporator and condenser motors.
	X	Check securement and condition of hoses and harness.
X		Check for proper drainage of evaporator drain lines.
	X	Check all mounting hardware on evaporator, condenser and compressor, tighten as necessary.
<b>Semi-Annual Inspection</b>		
		Perform quarterly and monthly inspections.
	X	Open bus heater valves (winter), if needed.
	X	Close bus heater valves (spring), if needed.
	X	Remove or install optional winter guard kit, as needed.
<b>Annual Inspection</b>		
		Conduct Quarterly Inspection.
	X	Clean evaporator and drain pan.
X		Perform manifold gauge check.
X		Check voltage at motors, replace if necessary.
	X	Check all hose connections tighten and/or secure as necessary.
	X	Check and tighten any connection at the electrical boards and at the battery. Clean if needed.
	X	Remove and Replace compressor belt (at customers expense).