Customer Name:				Date:
Customer Number:			Reference Invoice:	
Technician:				

Equipment	Make	Model	Serial	Age
Outside Unit				
Inside Unit				
Air Cleaner				
System Sterilizer				
System Sterilizer				
System Sterilizer				

Air Conditioning and Heat Pump Mechanical Inspection Report

Code	Component	Condition			Return		Now	
	Outside unit:				Std.	Value	Std.	Value
	Condensing unit cabinet	OK	Rusted (Severe/Light)	Unlevel (Severe/Light)				
	Condenser pan	OK	Requires cleaning	Rusted				
	Condenser coil (cleanliness)	OK	Needs routine cleaning	Severely impacted				
	Condenser coil (leaks)	OK	Oil leak	Refrigerant leak				
	Condenser coil (fins)	OK	Need Straightening	Demolished				
	Condenser fan motor	OK	Noisy/Rusted/Dragging	High amp draw				
	Condenser fan blades	OK	Bent/Unbalanced	Rusted				
	Contactor	OK	Corroded	Pitted/Burnt				
	Capacitor(s) _____ µF	OK	Corroded/Leaking	Low power _____ µF				
	Electronics /Wiring/Terminals	OK	Corroded/Frayed/Burnt	Requires replacing				
	System amperage	OK	Start amps _____	Run amps _____				
	Compressor amperage	OK	Start amps _____	Run amps _____				
	Compressor terminals	OK	Corroded	Burnt				
	Compressor temperature	OK	Running hot	Running cool				
	Compressor saver (hard start)	OK	Requires replacing	Missing				
	Time delay	OK	Requires replacing	Missing				
	Temperature difference	OK	Incoming _____ °F	Outgoing _____ °F				
	Refrigerant level/pressure	OK	Liquid _____ psi	Suction _____ psi				
	Saturation temperature ____ °F	OK	Indoor coil freezing	Low refrig/Clogged coil				
	Refrigerant service ports	OK	Leaking	Missing caps				
	Leak search required?		No	Yes				
	Refrigerant line set	OK	Leaking	Needs insulation				
	Outside disconnect	OK	Rusted/Corroded/Burnt	Requires replacing				
	Wiring from disconnect to unit	OK	Burnt/Melted/Cracked	Requires replacing				
	Thermostat wiring	OK	Corroded	Frayed				
	Surge/Lightning protection	OK	Requires replacing	Missing				
	Inside (cooling components only):							
	Filter _____ X _____ X _____	OK	Requires replacing	Requires upgrade				
	Cabinet (cleanliness)	OK	Dirty	Biological growth				
	Supply/Return Plenum(s)	OK	Requires sealing	Access door missing				
	Cabinet (condition)	OK	Rusted	Water leaks				
	Drain pan	OK	Rusted	Water leaks				
	Trap	OK	Clogged/Missing	Requires EZ Trap				
	Drain lines	OK	Requires clearing	Requires replacing				
	Ceiling saver (float switch)	OK	Requires service	Missing				
	Blower motor/wheel	OK	Noisy	Requires cleaning				
	Blower motor capacitor ___ µF	OK	Corroded/Leaking	Low power				
	Evaporator coil (cleanliness)	OK	Dirty/ Biological growth	Requires cleaning/repl				
	System Sterilizer - Stage 1	OK	Requires element	Missing				
	System Sterilizer - Stage 2	OK	Requires element	Missing				
	System Sterilizer - Stage 3	OK	Requires element	Missing				
	Wiring	OK	Corroded	Frayed				
	Thermostat	OK	Requires leveling	Requires replacing				
	Circuit board/Electronics	OK	Corroded	Burn marks				