

EAH(C)V-M Maintenance Sheet

Complete **ONE** form per unit

Contractor Name:		Site Name:		Date of Visit:	
Engineer Name		Site Address:			

EAH(C)V-M Unit Details			
Model Number	Serial Number	Compressor Run Hours	Area Served

EAH(C)V-M Checklist						
Category	Check Item	Method/Standard	Frequency	Visit 1 Check Box	Visit 2 Check Box	Reading Recorded
Around the Unit	Debris check (dust, leaves)	Visual	Twice/year			
	Loose screws/bolts	Visual	Twice/year			
	Rust presence	Apply anti-rust if needed	Twice/year			
	Thermal/sound insulation peeling	Visual	Twice/year			
	Abnormal sound or vibration	Listen	Twice/year			
Refrigerant System	Gas leakage	Gas leak tester	Twice/year			
	Pipes & capillary tubes resonance	Visual	Twice/year			
	Valve operations	Functional check	Twice/year			
	Outlet water temperature	4-30°C Cooling 25-55°C Heating	Twice/year			
Compressor	Operating current	Compare to rated	Twice/year			
	Abnormal sound/vibration	Inspect if present	Twice/year			
	Terminal screws & wiring	Tighten/repair if loose/broken	Twice/year			
	Insulation resistance test	≥ 1 MΩ	Twice/year			
Protection Devices	High-pressure switch operation	Test	Twice/year			
	Pump interlock operation	Test	Twice/year			
Electrical System	Terminal screws	Tighten if loose	Twice/year			
	Fuses	Check and replace if required	Twice/year			
	Contacts	Clean/inspect	Twice/year			
	Fan Motors	Function test Insulation test ≥ 1 MΩ	Twice/year			
	Control box insulation resistance	≥ 1 MΩ	Twice/year			
	Electric parts box	≥ 1 MΩ	Twice/year			
	Ground wire connection	Visual	Twice/year			
	Wires inside unit (loose/disconnected)	Check with screwdriver	Twice/year			
Water Circuit	Water cleanliness	Check strainers	Twice/year			
	Water pressure ≤ 1.0 MPa	Measure	Twice/year			
	Water leakage	Visual	Twice/year			
	Pump head loss	Check at stop	Twice/year			
	Air pockets in pipes	Use air-vent valves	Twice/year			
	Water pump voltage/current	Measure	Twice/year			
	Water flow rate	M1500 - 7.2 l/s M1800 - 8.6 l/s	Twice/year			
	Water quality	Test against standard	Twice/year			
Air-Side Heat Exchanger	Fin corrosion	Visual	Twice/year			
	Fin debris	Clean if pressure ↑ by 0.1 MPa	Twice/year			

Additional Notes and/or Tasks Carried out and/or Required



Air Conditioning | Heating
Ventilation | Controls

Frequency of Visits: Min of 2 visits per year
Mitsubishi Electric recommends that the frequency of maintenance visits be no less than two per annum.
Frequency of maintenance may increase dependent upon the equipment's environment.
Failure to maintain the system to the above minimum recommendations could result in the warranty becoming null and void.

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