

Non-Volatile Memory (NVM) for user-programmable settings and preferences. Programmable energy-saving options.

- A&E Photo Awnings
- A&E Power Seat/Power Step
- A&E Power+Plus™ Levellers
- A&E Travel-Sat™ Systems
- Dometic™ DM1070/1075 Ice Makers
- Dometic™ Karyatt™ Generator
- Dometic™ RM2604/2604 Refrigerators
- Dometic™ RM3604/3604 AES™ Refrigerators
- Dometic™ RM4804 Refrigerator/Ice Maker
- Duo-Therm™ Air Conditioners
- Origo-Aire™ Heat Pump
- Servel™ Silhouette™ Refrigerators

 **Dometic**®
Our goal . . . your satisfaction.

DUO-THERM@ AIR CONDITIONERS DIAGNOSTIC GUIDE

SYMPTOM	CHECK
<u>MECHANICAL CONTROL</u> Unit does not run; no fan, no compressor.	<ul style="list-style-type: none"> • AC voltage • Breaker • Selector switch • Wiring
<u>ELECTRONIC CONTROL</u> Unit does not run; no fan, no compressor.	<ul style="list-style-type: none"> • AC voltage • Breaker • Wiring • Module board • Touch pad
<u>MECHANICAL CONTROL</u> Fan operates; compressor will not come on (does not hum).	<ul style="list-style-type: none"> • Wiring • Selector switch • Thermostat • Overload • Compressor
<u>ELECTRONIC CONTROL</u> Fan operates; compressor will not come 'on (does not hum).	<ul style="list-style-type: none"> • Wiring • Overload • Compressor • Module board • Touch pad
<u>MECHANICAL and ELECTRONIC CONTROL</u> Fan operates; compressor tries to start, cycles OFF and hums again, or blows circuit breaker.	<ul style="list-style-type: none"> • AC voltage • PTCR • Start or run capacitor • Overload • Compressor
<u>MECHANICAL and ELECTRONIC CONTROL</u> Fan operates; compressor runs for a short while, cycles off, cycles back on, but doesn't run.	<ul style="list-style-type: none"> • Short cycle • Air flow obstruction • Condenser fan • Overload • Compressor • Refrigerant system
<u>MECHANICAL CONTROL</u> Compressor runs, no fan.	<ul style="list-style-type: none"> • Wiring • Switch • Run capacitor • Motor
<u>ELECTRONIC CONTROL</u> Compressor runs, no fan.	<ul style="list-style-type: none"> • Wiring • Run capacitor • Motor • Module board • Touch pad

SYMPTOM	CHECK
<u>MECHANICAL and ELECTRONIC CONTROL</u> Fan runs on one or two speeds only.	<ul style="list-style-type: none"> • Selector switch • Module board • Touch pad • Wiring • Motor
<u>MECHANICAL and ELECTRONIC CONTROL</u> Evaporator freezes up.	<ul style="list-style-type: none"> • Ambient temperature • Air flow obstruction • Low charge • Capillary tube blockage • Evaporator blockage
<u>MECHANICAL and ELECTRONIC CONTROL</u> Insufficient cooling; compressor runs constantly.	<ul style="list-style-type: none"> • Air flow obstruction • Heat gain • Refrigerant system • Compressor
<u>MECHANICAL and ELECTRONIC CONTROL</u> Insufficient cooling; compressor cycles off occasionally.	<ul style="list-style-type: none"> • Thermostat • Overload • Air flow obstruction
<u>MECHANICAL and ELECTRONIC CONTROL</u> Insufficient cooling; compressor often cycles off.	<ul style="list-style-type: none"> • Short cycle • Thermostat • Overload
<u>MECHANICAL and ELECTRONIC CONTROL</u> Insufficient cooling with reduced air output.	<ul style="list-style-type: none"> • Air flow obstruction • Blower wheel • Freeze up
<u>MECHANICAL CONTROL</u> Excessive cooling.	<ul style="list-style-type: none"> • Thermostat
<u>ELECTRONIC CONTROL</u> Excessive cooling.	<ul style="list-style-type: none"> • Module board • Touch pad
<u>MECHANICAL CONTROL</u> No heat.	<ul style="list-style-type: none"> • Wiring • Heater plug • Selector switch • Heater coil

SYMPTOM	CHECK
<u>ELECTRONIC CONTROL</u> No heat.	<ul style="list-style-type: none"> • Wiring • Heater plug • Heater coil • Module board • Touch pad
<u>MECHANICAL and ELECTRONIC CONTROL</u> Noisy operation.	<ul style="list-style-type: none"> • Loose parts • Fan blades hitting • Tubing vibration
<u>MECHANICAL and ELECTRONIC CONTROL</u> Water leaks into RV.	<ul style="list-style-type: none"> • Installation • Drain hole plugged • Air conditioner loose • Mounting gasket damaged • Evaporator bulkhead leak