Climate RENTAL SOLUTIONS

MCM350
PORTABLE AIR CONDITIONER

OPERATING INSTRUCTIONS

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

MCM350 OPERATING INSTRUCTIONS

GENERAL SAFETY

- Never place anything on top of the unit and never obstruct its air vents. Leave a 300 mm gap all round the unit to let the air circulate.
- Always switch OFF and unplug the equipment when not in use.
- Always transport, store and operate this equipment in an upright position.

ELECTRICAL SAFETY

- This air conditioner plugs into a 1 phase 220-240V (nominal 230V) 50Hz 13 amp power supply.
- Extension leads should be; correctly rated for the inductive load, fully unwound, loosely coiled and never run through water or over sharp edges.
- To reduce the risk of electric shock, use a suitable RCD (residual current device).
- Never pull the equipment by its flex.
- Ensure the machine and power socket are switched OFF before plugging into the power supply.

SET UP & OPERATION

- The unit is designed to work between 21°C and 35ºC. Operation outside of these temperatures could cause failure not covered by warranty. If the temperature in the room is above 35ºC, then open all the doors/windows and operate the fan only, to circulate the air to reduce the temperature. Running the unit above this temperature will cause permanent damage!
- When setting up or restarting, allow the unit to stand/settle for 15 minutes before switching on.
- Set the unit up on a firm, level surface and do not site the unit close to any surface sensitive to heat, cold or moisture.
- Fit the exhaust hose onto the top air outlet of the unit, then extend it to the chosen discharge point, keeping the hose run as short and straight as possible, sloping up or down. Never operate the unit if the hose is kinked, sagging or punctured.
- Ensure the water drain tank is correctly fitted and is empty, then plug the unit into its power supply and switch the supply ON.
- Ensuring the power supply light is on, press the fan button to start the fans.
- To increase the air flow, press the fan speed rocker switch to either medium or high fan speed.
- If chilled air is required, first press cooling button & then turn the thermostat knob FULLY ANTI-CLOCKWISE. In this position, the unit will not operate below approximately 21ºC.

- Do not force the knob past the stop point, you will damage the switchgear.
- The unit is fitted with a time-delay device which will prevent the compressor from starting for approximately 4 minutes.
- The unit will now be running, allow a minimum of 10 minutes for it to begin cooling.
- If chilled air needs to be directed to a particular area, adjust the grill louver blades on the front of the unit.

EQUIPMENT CARE

- Never use an air conditioner except for its intended purpose.
- Keep the equipment clean & especially the coil faces. Blow out the coils with compressed air.
- Regularly check the water drain tank (every 3-4 hours). On the control panel is a light which will illuminate when the tank is full.
- The unit will also turn itself off. Switch the fan & cooling buttons to OFF.
- Before removing the tank, leave the unit for at least 5 minutes to allow any accumulated moisture to drain down into the tank.
- Removing the tank without doing this first, WILL cause water to drain into the machine, where it will leak out onto the floor, appearing as though the machine has a fault.
- Following this simple instruction will prevent carpet/general flooring water staining.
- To empty, open the access door (located on the lower right hand side of the unit) then simply slide the tank out, empty then replace.
- The unit can then be switched on via the fan & cooling buttons.
- Always check the tank is empty prior to switching on the unit. Never remove the tank whilst unit in operation!

STORAGE

- Switch the unit OFF and unplug from its power supply, then empty the water tank.
- Remove the exhaust discharge hose & ensure the unit is stored upright.

CONNECTING AN (OPTIONAL) HIGH PRESSURE AIR BOX

- Disconnect the unit from the power supply.
- Remove the 4 screws that secure the louver grill to the front panel.
- The louver can be lowered & left to hang on its straps.
- Holding the HP Box up to the unit, connect the power supply lead mini-plug to the built-in socket located within the grill aperture, then secure the box via the screws removed earlier.
- Connect 6” diameter hoses to the outlets required via suitable jubilee clips or via strong adhesive tape (foil or ‘gaffa’ types only).
- Maximum hose length (in total) 50’, divided by up to 4 outlets.
- Ensure unused outlets are covered via the supplied caps.
- Extend the chilled air ducts to where required, keeping them as straight as possible.
- Reconnect the unit to the power supply, press the fan & cooling buttons & check that the additional noise of the HP Box fan is heard.
- Keep the fan speed switch set to high whilst using the machine with this accessory.

TROUBLESHOOTING GUIDE

ALWAYS CONSULT THIS GUIDE BEFORE RINGING YOUR SUPPLIER; THE MAJORITY OF REPORTED PROBLEMS ARE SIMPLY SOLVED IN THIS MANNER

PROBLEM	POSSIBLE CAUSE	SOLUTION
UNIT FAILS TO OPERATE	POWER FAILURE	CHECK 'POWER ON' LIGHT IS LIT
		CHECK UNIT IS PLUGGED IN TO POWER SUPPLY
		CHECK PLUG FUSE FOR FAILURE & CORRECT 13 AMP RATING
		CHECK BUILDING RING CIRCUIT IS NOT OVERLOADED
	'TANK FULL' LIGHT ON	EMPTY WATER TANK
POOR COOLING PERFORMANCE	COOLING NOT SELECTED	PRESS COOLING ON ROCKER SWITCH
	THERMOSTAT KNOB NOT TURNED FULLY ANTI-CLOCKWISE	TURN KNOB FULLY ANTICLOCKWISE, COMPRESSOR HAS 4 MINUTE DELAY BEFORE IT STARTS. COOLING WILL COMMENCE A TER APPROX 10 MINUTES
	COILS DIRTY	BLOW COMPRESSED AIR THROUGH COILS TO CLEAN
	FILTERS DIRTY (WHERE FITTED)	WASH OR REPLACE FILTERS
	EXHAUST HOSE TOO LONG, KINKED, OUTLET RESTRICTED OR BLOCKED, RESULTING IN HEAT NOT BEING REMOVED FROM THE FRIDGE CIRCUIT CAUSING CIRCUIT TEMPERATURE TO RISE & COOLING PERFORMANCE TO FALL	ENSURE ONLY THE QUOTED MAXIMUM LENGTH DUCT IS USED & THAT IT IS STRAIGHT, KEPT TAUT & EXITS PROPERLY TO OUTSIDE
	AIR INLET GRILLS OBSTRUCTED	REMOVE OBSTRUCTION
	FAN SPEED ON LOW SETTING	TURN FAN SPEED TO MED OR HIGH
WATER LEAKAGE	CLOGGED DRAIN TUBE	REMOVE BLOCKAGE
	WATER TANK MISSING	REPLACE TANK
	TANK FULL, AND AUTO CUT-OUT NOT WORKING CORRECTLY	CHECK TANK TRAY OPERATES FREELY
		DEPRESS MICROSWITCH LEVER ARM, UNIT SHOULD STOP & 'TANK FULL' LIGHT SHOULD BE LIT
	HOSE NOT LOCATED IN TANK CORRECTLY	ENSURE HOSE IS LOCATED INTO TANK
COMPRESSOR STOPS RUNNING	INPUT VOLTAGE TOO LOW	CHECK LINE VOLTAGE
	WATER TANK FULL	CHECK THAT TANK IS NOT FULL
	AS FOR POOR PERFORMANCE	

IF NONE OF THE ABOVE SOLVES THE PROBLEM, CONTACT SUPPLIER.

OPTIONAL CONDENSTATE PUMP

- An optional condensate removal pump may be fitted in place of the standard plastic tank.
- This will be located behind the hinged access door. A 12mm clear flexible hose will exit through a hole in the access door.
- This hose needs to be run to a suitable drain or receptacle.
- The condensate pump is fully automatic and requires no user maintenance.
- The pump will operate once the reservoir reaches a pre-determined level.