

Quick Start Guide - Airing Orbit Control Panel

AirMaster units do not act as air conditioners, but they do supply fresh air with good temperature control throughout the year. Continued operation depends on regular filter maintenance (see warnings overleaf).



Automatic Lock: To prevent accidental re-setting of fan speed, the panel locks itself 120 seconds after last instruction. A padlock symbol will then be shown. To deactivate lock, press the padlock symbol and drag over the arrows to the right hand side.

To select air flow: Press any of the 5 blue stripes showing current fan speed, drag around the circle to the required setting, leave for 2 seconds and lift finger away. The new fan speed setting will be shown by the central blue stripe.

■ Menus

Operating Menu: Press the Function Button to reveal the Operating Menu. The Orbit control panel is operated by touch screen. To change the display view, scroll vertically on the control surface. Options are as follows:

- **Auto:** To start according to programming, or reactivate automatic operation after manual override.
- **Start:** To manually start with pre-set air flow and inlet temperature. After 4 hours, the ventilation unit reverts to automatic operation or standby.
- **Standby:** To stop the unit and leave it ready to enter service at the next start signal.
- **Off:** Select "Off" and confirm by tick. (can also switch off by pressing Function Button for at least 2 seconds).
- **Holiday Mode (for longer periods when the room is unoccupied):** When selected, the ventilation unit will operate only at minimum fan speed during programmed periods of operation. To cancel Holiday Mode, select "Auto."
- **Status:** The Status menu provides information about Flow, Filters, Operation, Hardware being monitored and Installation Programming.

Set Up: The following operational parameters can be changed under the Set Up menu. These appear in the following order:

- **Timers (Timer Control and Night Time Cooling)**
- **Date and Time**
- **Default Flow**
- **Default Temperature (Inlet)**
- **High Temperature.** Programmed at 25C. If room temperature exceeds this, the automatic cooling process comes into operation.
- **Reset Service (Filter change)**
- **Data Log**
- **StartUp Guide**

Lock Screen: To lock the unit at its current setting. It remains protected until released by selecting the security PIN code (Initial setting: 9732). This code can be changed by Setup / Startup Guide / Code.

Automatic Operation: Can be started by timer, sensor, night-time cooling programmer, external contacts or analogue BMS. The "auto" symbol then lights up. Manual over-ride can be applied at any time.

CO₂ Status (if unit has a CO₂ sensor): Press CO₂ symbol to reveal the current level of CO₂ in the room.

Manual Over-ride of Air Flow: Follow the same instructions as for selecting air flow. After 12 hours the unit reverts to automatic operation.

■ Where One Orbit Panel Serves More Than One AirMaster Unit

Groups consist of at least 1 AirMaster unit, with all units in a Group sharing the same operational parameters. It is possible for a single Orbit panel to control 2 or more Groups, provided that the total number of AirMaster units does not exceed 20. To access details for any individual unit, the associated room is identified at the bottom of the screen display.

Warnings (yellow): The ventilation unit remains in operation but with one or more conditions needing attention.

- 1) Slow Flash: Condensate build up in the cooling module (if supplied)
- 2) Constant Rapid Flash: Cooling module fault (if supplied)
- 3) Rapid flash at 2 second intervals: Air filters have exceeded their normal life.
- 4) Constant light: Fault in the ventilation unit.

Alarms (red): The ventilation unit stops, to prevent damage.

- 1) Slow Flash: Low external temperature
- 2) Constant Rapid Flash: Condensate build-up in the ventilation unit.
- 3) Rapid flash at 2 second intervals: Air filter change required.
- 4) Constant light: Fault in the ventilation unit.

If further guidance is needed, or a fault is to be reported, contact SAV Systems on 01483 771910 and ask to speak to the AirMaster team.

For further information contact:

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