

AirMaster Pre-Commissioning Sheet

Smart Mechanical Ventilation Units



Site Name: _____ Date: _____

Site Address: _____

Unit or Group Location (e.g. Ground Floor): _____

Commissioning exists, in part, to validate the equipment warranty. This document is designed as an installation check to give installers the best chance of successful installation and commissioning. Deviation from installation instructions may result in commissioning being left incomplete making a return visit necessary, which may be chargeable.

We are here to help, so if you are not sure about something please call the office for advice on **01483 771910**.

IMPORTANT NOTES:

Once air flow has been proven, unit(s) MUST be switched off until they have been commissioned to ensure that filters remain clean.
Site to provide access for commissioning engineer to reach AHU (i.e. steps, platform etc.)

All works must follow the AirMaster Installation Manuals issued by SAV. Please check all units to enable commissioning to be completed in a single visit and tick boxes as appropriate.

Mechanical Checks

Are the units located as shown on project drawings?	Yes ☐	No ☐	N/A ☐
Is the ceiling surface in front of the unit perfectly flat, without recessed edges that would cause turbulence (e.g. skylights) or bluff body obstructions below the ceiling surface (e.g. light fittings) that would impede air distribution to the back of the room?	Yes ☐	No ☐	N/A ☐
Are the AHU(s) securely fixed to ceiling/wall?	Yes ☐	No ☐	N/A ☐
Are the external ducts installed correctly and sealed?	Yes ☐	No ☐	N/A ☐
Has sufficient clearance been left to the extract side (0.5 m min.) or top of AM 1200 (1 m min.)?	Yes ☐	No ☐	N/A ☐
Has sufficient clearance been allowed to open the bottom hatch of ceiling mounted units or side panels of AM 1200 completely for maintenance?	Yes ☐	No ☐	N/A ☐
Has the operation of both fans been proven?	Yes ☐	No ☐	N/A ☐
(If applicable) Has LTHW heating pipework been connected, bled and tested?	Yes ☐	No ☐	N/A ☐
(If applicable) Has the condensate drain been terminated?	Yes ☐	No ☐	N/A ☐
Is the heating on in the rooms where the units are located?	Yes ☐	No ☐	

Electrical Checks

Is electrical power fully tested to BS57671 and available to all units?	Yes ☐	No ☐	N/A ☐
(If applicable) Have all 230V and ELV (extra low voltage) connections between the AHU and cooling module been completed?	Yes ☐	No ☐	N/A ☐

Checks on Controls

What type of cabling has been used for comms between AHU/control panel/sensors?			
Is the control panel cabling screen connected at one end of each section only?	Yes ☐	No ☐	N/A ☐
Are local control panels installed and connected?	Yes ☐	No ☐	N/A ☐
(If applicable) Have external PIR sensor(s) been installed and connected? (note burglar alarm type required, not detectors with light sensors)	Yes ☐	No ☐	N/A ☐
Does the control panel indicate fan speed?	Yes ☐	No ☐	N/A ☐

If there are any fault indications on the control panel(s), or if you have any further comments, please note them here:

Name: _____

Company: _____

Signature: