



Upgrading WCME100 Or MVS8 with CME3Q+ or CME3.1Q+

A WCME100 Or MVS8 can generally be replaced with a CME3Q+ or a CME3.1Q+, prior to doing so there are a number of areas that need consideration.

- The CME3Q+ or CME3.1 Q+ units are not physically the exact same size as the unit they will be replacing. Dimensions shown below.
- WCME100 and MVS8 have for four input ports and one output port, the CME3Q+ & CME3.1 Q+ only have three input ports and one output port. If the port adjacent to the output port on either the WCME100 or MVS8 has been utilised it may be possible to join that branch to one of the other branches. This may have an effect on the unit's ability to be balanced, the duct run design and resistances should be considered before commencing change out.
- WCME100 and MVS8 are both switched live units. To reduce the likelihood of issues e.g. induced voltages and safe segregation, we would suggest using the switched live CME3Q+ or CME3.1 Q+. There are a number of different wiring diagrams for the existing units, it is important that you determine which method has been used to ensure the correct wiring of the CME3Q+ or CME3.1 Q+.

N.B. We would strongly recommend that the physical ability to fit the replacement unit is checked before purchasing, we do not do sale or return.

CME3Q+ & CME3.1 Q+ Detail

Service Void

Ports Ø125

Switched Live Option [TP334HA](#) or [TP342HALS](#)

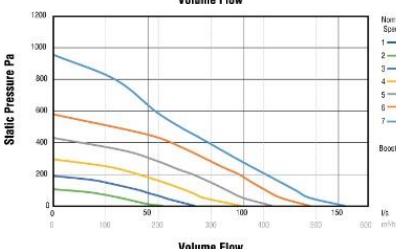
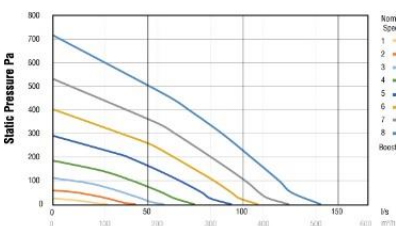
Volt Free Option

Volt-free boost switching of unit's controller PCB using single-pole switches TP 502, TP 503, TP 507 and/or TP500 / TP501 Humidistat.

There is a maximum of 10 single pole switches or humidistats that can be used.

CME3Q+

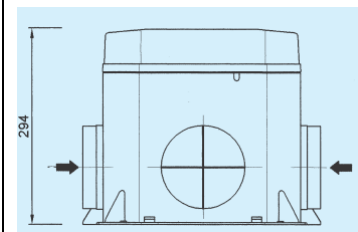
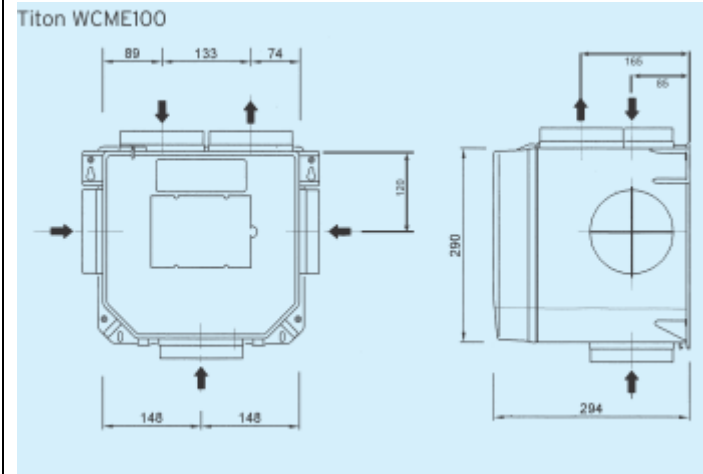
CME3.1Q+



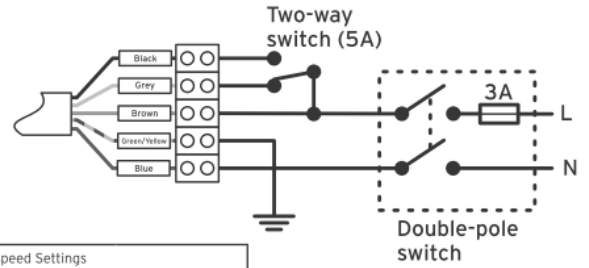
All maintenance/fault finding/repairs must be completed by a competent person.
Safe isolation procedures must be followed when working on these units.



WCME100 Details

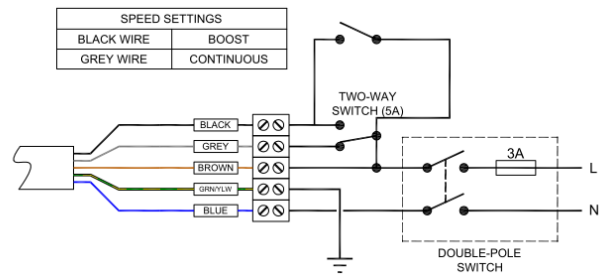


Single Switch



Speed Settings	
Black wire	Boost
Grey wire	Continuous

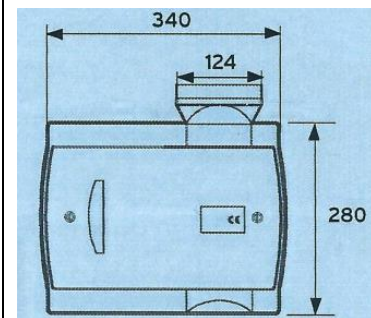
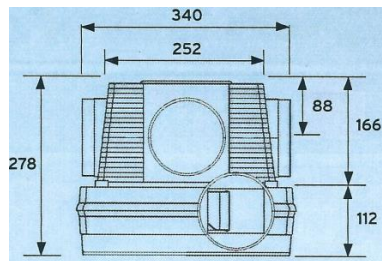
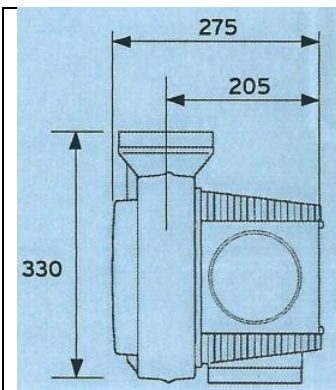
Two Switches



Ventilation Capacity at 150Pa 325m³/h

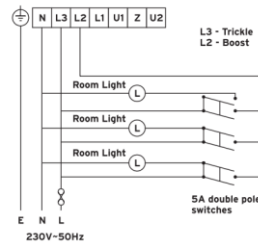
Switched live output from the switch(s) must be wired to LS1 on the CME

MVS8 details



Option 1

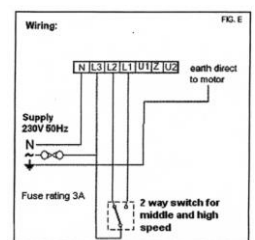
Uses Trickle L3 & Boost L2



Switched live from switch(s) going to L2 must go to LS1 on the CME

Option2

Uses Middle L2 & Boost (high) L1



Switched live from switch(s) going to L2 must go to LS1 on the CME. Cable to L1 is not required and should be made safe.

Airflow

