

Q-Aire

V125 / EV125F / EV125FH

The Supply & Extract Valve can help solve common problems with MVHR commissioning, balancing and performance. It is available in three versions: standard supply and extract (Q-Aire-V125), filtered extract (Q-Aire-EV125F) or filtered extract with integral humidistat (Q-Aire-EV125FH). Q-Aire Supply & Extract Valve is the only lockable, filtered valve on the market and is fully-compliant with the latest NHBC guidance.

The filtered extract version removes the need for a ducting cleaning regime and access panels because air is filtered before it enters the ducting. The valve is lockable once commissioned and even when the filter is removed and changed, once replaced it returns to the commissioned position. The Supply valve is fully lockable and features a deflector plate so even if positioned in a corner, or next to a wall, it is able to deflect air evenly across the room.

Features & Benefits

- Only filtered extract with built in humidistat
- Same valve for supply and extract
- Lockable position for commissioning
- Easy maintenance.



Q-AIRE-V125
Supply &
Extract Valve



Q-AIRE-EV125F
Extract Valve
with filter



Q-AIRE-EV125FH
Extract Valve with
filter and fitted
integral humidistat

This in-built humidity sensor simply uses the Ecosmart SELV cable to connect back to the MVHR or MEV unit.



The filter can be quickly replaced by simply removing the damper assembly and changing the filter. The damper assembly is then put back into its place without any adjustment of the commissioned set point, thus ensuring the system remains commissioned.

Air Resistance Performance

	Resistance in Pa				
	@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
Existing V125S - 10mm Gap (CATALOGUE VALUES)	6	10	19	35	55
Q-AIRE-V125 (13mm Gap - Extract)	2	6	14	26	41
Q-AIRE-V125 (13mm Gap - Supply)	2	4	11	20	33
Q-AIRE-EV125F (13mm Gap - Extract)	4	11	27	48	73
Q-AIRE-EV125FH (13mm Gap - Extract)	4	11	27	48	73

Consultants Specification

OPERATION

The supply and extract valves are used to control and distribute airflow entering or being removed from a dwelling. They shall be capable of being used on their own, with a filter or with a filter and integral humidistat control.

UNIT SPECIFICATION

Each valve shall be low profile, protruding from the ceiling by no more than 18mm when closed.

Each valve will be suitable for 125mm diameter ducting.

Each valve shall be made from flame retardant ABS plastic.

There shall be a means of adjusting the opening aperture for commissioning purpose with a decorative panel supplied to hide the commissioning screw.

The flow deflector shall be spring loaded to prevent vibration.

It shall be possible to remove/replace the bezel disc assembly within the bezel for filter access without altering the commissioned position of the valve or deflector.

Filter shall be easily removed and be of G2 grade.

The assembly shall be supplied with a deflector plate to enable air to be directed away from obstacles or to prevent air being blown in a direction which would create nuisance draughts.

An optional humidity PCB for connection to ventilation unit shall be available with set point accessible on bezel disc removal.

Humidistat PCB shall be Nuaire Ecosmart compatible.

The valve shall be offered with a 5 year warranty.

The manufacturer's recommendations should be observed at all times.

The valve shall be manufactured by Nuaire.

OPTIONS

Three options shall be available:

- Q-AIRE-V-125 Supply & Extract Valve
- Q-AIRE-EV125F Extract Valve with filter
- Q-AIRE-EV125FH Extract Valve with filter and fitted with integral humidistat