

# 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