



Our Values



Improving Energy Efficiency using highly efficient products and superior system controls



Maintaining Indoor Air Quality taking care of both your tenants and your property



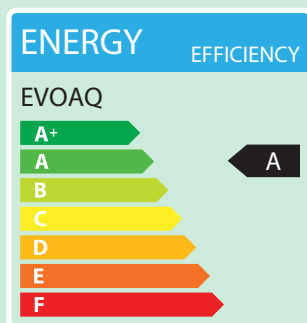
Fully Automatic System Operation - no wall controller means no user interaction required

Why Ventilation

Great indoor air quality is one of the essential requirements for your home and health.

Without proper ventilation, moisture and VOCs become trapped inside the house, creating the ideal environment for things like mould and mildew to thrive and damage your property.

EVOAQ ventilation continuously brings in filtered fresh air, ventilating at optimal levels to maintain Indoor Air Quality, protecting your property and keeping your tenants happier.



Our System

Conventional ventilation systems adjust their operation by what is happening inside the house, with little regard for outside conditions. Our system differs because it looks at the air coming into the house; what is happening inside is just a guideline. EVOAQ Basic Ventilation systems do not require any wall controller and are fully automatic, allowing them to function without any tenants messing around with the system or turning it off when it is most needed.

EVOAQ ventilation systems are suitable for new houses and comply with G4 Building Code, ASHRAE 62.2, High-Density Housing & Healthy Homes.



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EVOAQ Basic Ventilation	AQ220N	AQ300N
House Size	Up to 220m ²	Up to 400m ²
Number of Rooms	3 - 6 Rooms	6 - 9 Rooms
Fan Size	150mm	200mm
Voltage (V/Hz)	230/50	230/50
Power (W)	2 - 70	3 - 165
Air Flow (m ³ /hr)	65 ~ 647	63 ~ 1250
Static Pressure (Pa)	503	746
Noise (dB)	31	38
Speed (RPM)	500 - 3000	500 - 3000
Weight (kg)	2.5	3.5
Specific Fan Power (W/Ls-1)	0.356	0.294



150MM MIXED FLOW FAN



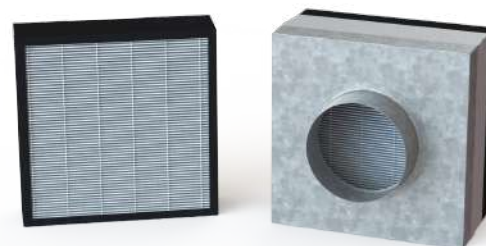
200MM MIXED FLOW FAN



VENTILATION CONTROLLER
OPTIONAL UPGRADE



HIGH VELOCITY CONE DIFFUSER
150MM



EVOAQ BASIC FILTER BOX
WITH PM2.5 FILTER

Demand Controlled Ventilation

Our systems use DCV - the ventilation rate is automatically adjusted according to user demand and the quality of incoming air, using our built-in intelligent controller which constantly senses air quality to regulate the level of ventilation.

Our specialised software determines the correct fan speed based on established standards, to achieve high indoor air quality as well as maximum thermal comfort.

Continuous Ventilation

By combining our DCV controls with highly energy-efficient EC fans, our systems can achieve high airflows when the outdoor air quality is good.

Most importantly, they can also achieve very low airflows when the outside air may affect the thermal comfort inside your house. This is how our systems are able to ventilate continuously, where most other systems would turn off.

Available Upgrades - Wall Controller - Premium Filter Box



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Maintaining Indoor Air Quality through intelligent software designed specifically for NZ



On-Demand Extraction by monitoring air quality and extracting as required

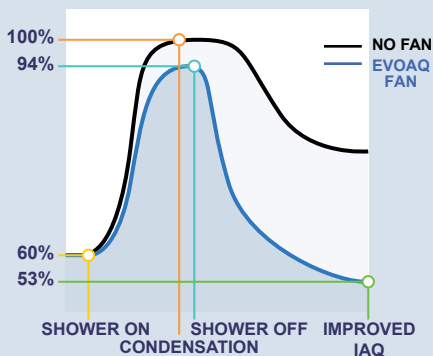
The Benefit of Extraction

Great indoor air quality is one of the essential requirements for your home and health.

Our bathroom extraction systems are designed to automatically extract damp air from your tenants' bathrooms, to maintain high Indoor Air Quality and prevent mould and mildew.

On-Demand extraction is the best way to protect the house from condensation and mould damage, keeping the bathroom fresh and tenants happy.

BATHROOM HUMIDITY LEVELS



Our System

Conventional bathroom extraction systems are operated by manually turning on a simple wall switch - if you remember to use it. Our fans, on the other hand, use our custom-designed software to monitor the ever-changing bathroom environment, while continuing to extract any excess moisture even when the bathroom is not in use. This is the only system able to learn and adapt to its environment, automatically adjusting its operation so you don't have to.

All EVOAQ systems are suitable for new houses and comply with G4 Building Code, Auckland Unity Plan/High-Density Housing & Healthy Homes.



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Extraction System	EX-AX150SF	EX-TW150SF	EX-TW180SF
Bathroom Size	Up to 20m ²	Up to 12m ²	Up to 20m ²
Fan Type	Axial	Thru-Wall	Thru-Wall
Fan Size	150mm	150mm	180mm
Voltage (V/Hz)	230/50	230/50	230/50
Max. Power (W)	17	17	17
Max. Air Flow (m ³ /hr)	399	340	399
Static Pressure (Pa)	240	132	240
Noise (dB)	31	31	31
Max. Speed (RPM)	3000	2800	3000
Weight (kg)	1.2	1.1	1.2



AXIAL (INLINE) FAN
150MM



THROUGH-WALL FAN
150MM



THROUGH-WALL FAN
180MM



HIGH VELOCITY CONE DIFFUSER
150MM



LOUVRE GRILLE
150MM



STAINLESS STEEL COWL
180MM

Demand Controlled Ventilation

Our bathroom extraction systems use DCV - the extraction rate is automatically adjusted according to fluctuating humidity levels, using our built-in intelligent controller which constantly monitors the bathroom air to regulate the level of extraction.

Our specialised software determines the right fan speed in order to maintain low humidity levels and minimise moisture damage within your bathroom.

Continuous Ventilation

By combining our DCV controls with highly energy-efficient EC fans, our systems can use high airflows when extraction is needed the most.

Additionally, the system keeps running at very low levels even when the bathroom is not in use, to continue removing any excess moisture from the bathroom.

This is how our systems are able to extract continuously, where most other systems would turn off.

Available Upgrades - Backdraft Shutter - Stainless Steel Cowl - Extra Inlet - Boost Switch