



VENTILATION SOLUTIONS



**Healthy
Home
Team.nz**

EnergyWorkshop.co.nz
Your **Local** Healthy Home Team

Why Ventilate

Great indoor air quality is one of the essential requirements for your home and health. Without proper ventilation moisture and VOCs become trapped inside your home, causing harmful organisms like mould and mildew to thrive and resulting in many long-term health effects. EVOAQ ventilation works to continuously bring in filtered fresh air, reducing moisture and VOC levels and improving your health and wellbeing.

EVOAQ System

Conventional ventilation systems adjust their operation by what is happening inside your house, with no regard for outside conditions.

Our system looks at the air coming into the house; what is happening inside is just a guideline. This is the only system able to learn and adapt to its environment, automatically adjusting its operation so you don't have to.



Positive Pressure Systems	AQ60	AQ220	AQ300
House Size	Up to 60m ²	Up to 220m ²	Up to 400m ²
Number of Rooms	1 - 2 Rooms	3 - 6 Rooms	6 - 9 Rooms
Voltage (V/Hz)	230/50	230/50	230/50
Power (W)	1 - 17	3 - 73	3 - 165
Air Flow (m ³ /hr)	63 ~ 284	65 ~ 650	63 ~ 1228
Static Pressure (Pa)	159	457	580
Noise (dB)	28	31	38
Speed (RPM)	500 - 3000	500 - 3000	500 - 3000
Weight (kg)	1.4	2.5	3.5
Specific Fan Power (W/Ls ⁻¹)	0.175	0.398	0.294

Upgrades

Air Purification Box

6 Levels of filtration including a Nylon + HEPA Filter, Carbon Screen Filter, Nano catalyst Filter in a stainless steel case.

Summer Kit

Bypass filtered air to introduce fresh air from outside on hotter days.

Heat Transfer Kit

Designed to work in conjunction with your ventilation system, to transfer heat from your main heat source to the rest of the home.

**SOLUTIONS
AVAILABLE FOR
LANDLORDS**

Contact Energy Workshop
info@energyworkshop.co.nz
06 3555 800

Showroom: 1643 State Highway 3, Awahuri



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Why Heat Transfer

When your fireplace heats your lounge, a fast and efficient heat transfer system can use the excess heat to create a warm and comfy environment for the rest of your home.

An effective heat transfer system improves the indoor air quality, and can prevent health problems caused by cold and damp air.

EVOAQ System

By combining the latest in fan technology and automatic sensing controls, our systems ensure optimal transferring of heated air throughout your home while maintaining a comfortable temperature in your lounge.

Our high-pressure, 100% variable fan combines with smaller diffusers to create the best possible mixing of heated air into your rooms.



Heat Transfer Systems	AQHTR-1	AQHTR-2/3	AQHTR-4/5
Number of Rooms	1 Room only	2 - 3 Rooms	4 - 5 Rooms
Voltage (V/Hz)	230/50	230/50	230/50
Power (W)	1 - 17	3 - 73	3 - 165
Air Flow (m ³ /hr)	63 ~ 284	65 ~ 650	63 ~ 1228
Static Pressure (Pa)	159	457	580
Noise (dB)	28	31	38
Speed (RPM)	250 - 2250	500 - 3000	500 - 3000
Weight (kg)	1.4	2.5	3.5
Specific Fan Power (W/Ls ⁻¹)	0.175	0.398	0.294

Configurations

Stand Alone Heat Transfer

A stand alone system drawing from the heat source room (primarily living area) to up to 5 rooms.

Ventilation system with Heat Transfer Upgrade

Designed to work in conjunction with your ventilation system, to transfer heat from your main heat source to the rest of the home.

**EXCESS
HEAT FROM
YOUR FIRE
PLACE ?**

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Why Extraction

Extracting damp and contaminated air at its source is the most effective way to maintain your Indoor Air Quality to prevent mould and mildew from growing.

Constantly extracting at very low levels when any remaining moisture or volatile contaminants while drawing in better quality air in and around your bathroom and Kitchen.

EVOAQ System

Our extraction systems use custom-made, fully automatic fans with built-in sensor controls, to provide you with the best protection for you and your bathroom and Kitchen.

These fans constantly monitor the humidity levels and adjust the extraction rate as needed, to remove all excess moisture from your bathroom or Kitchen - *without ever needing to flick a switch.*



Extraction System	EX-MF125x	EX-MF150x	EX-AX150x	EX-TW150x
	Up to 9m ²	Above 9m ²	Up to 12m ²	Up to 20m ²
Fan Type	Mixed-flow	Mixed-Flow	Axial	Thru-Wall
Voltage (V/Hz)	230/50	230/50	230/50	230/50
Power (W)	1 - 17	3 - 73	2 - 20	2 - 16
Air Flow (m ³ /hr)	63 ~ 284	65 ~ 650	56 ~ 399	40 ~ 340
Static Pressure (Pa)	159	457	240	132
Noise (dB)	28	31	31	31
Speed (RPM)	250 - 2250	500 - 3000	500 - 3000	500 - 2800
Weight (kg)	1.4	2.5	1.2	1.1

More than exceeds requirements the Healthy Home Standards for Rental property Compliance.

Extraction Variations

Bathroom (In line & Thru wall units)

Automatically monitoring Humidity levels and extracting accordingly in the bathroom.

Kitchen (In line & Thru wall units)

Automatically monitoring VOC and Humidity levels and extracting accordingly in the kitchen.

Laundry & Garage (In line & Thru wall units)

Automatically monitoring VOC and Humidity levels and extracting accordingly in the laundry or internal garage.

**FULLY
AUTOMATED
SYSTEMS**

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YOUR VENTILATION PARTNER



EVOAQ is a New Zealand based business providing solution for air movement, all systems are designed and developed in New Zealand.

We believe that improving and maintaining good indoor air quality is essential for creating a happy and healthy home. But more than that, having good indoor air quality goes a long way towards improving your family's health and wellbeing.

Learn more about us at evoaq.co.nz

EnergyWorkshop.co.nz Your **Local** Healthy Home Team

Energy Workshop is an experienced Healthy Home business providing solutions for Insulation, Ventilation, Heat & Cool and Efficiency in your Home, Rental & New Build.

Based in the **Manawatu** but our reliable Advisors and Install teams also cover **Whanganui, Southern Rangitikei, Horowhenua & Wairarapa.**

We are a locally owned and operated team operating since 2017. We have been a trusted partner and exclusive distributor with EVOAQ for many years, benefiting a significant number of home owners and tenants.

Visit our showroom to see our EVOAQ Display or discuss your ventilation options. Learn more about us
www.energyworkshop.co.nz

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Map your installation

A useful tool for onsite. Use this graph to sketch a plan of the home and intended layout.

This image shows a full page of blank graph paper. The grid consists of thin, light gray horizontal and vertical lines that intersect to form small squares across the entire surface. There are no margins, text, or other markings on the paper.

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