

## Our Values



**Improving Energy Efficiency** using highly efficient products and superior system controls



**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

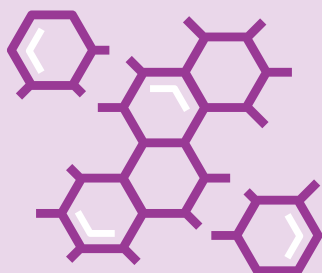
Whether you use your garage to park your car, dry laundry, work on your DIY projects, or as an entire yoga studio, you may find the air quality inside the garage tends to be less than ideal. Most garages aren't designed with air quality in mind, with poor airflow leading to moisture issues, overheating and toxic fumes building up. Extracting the air from the garage helps prevent a lot of these issues, making it a whole lot more pleasant to practice your yoga inside!

## Our System

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

These fans constantly monitor pollution levels within your garage or workshop and adjust the extraction rate as needed, to remove excess heat and VOCs - without ever needing to flick a switch.

*Our VOC extraction fans can detect many common and harmful VOCs like formaldehyde, CO, and cigarette smoke.*



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Workshop Extraction System	VOC-MF150GF	VOC-MF200GF	VOC-AX150GF	VOC-TW180GF
Garage/Workshop Size	Up to 30m <sup>2</sup>	Above 30m <sup>2</sup>	Up to 20m <sup>2</sup>	Up to 20m <sup>2</sup>
Fan Type	Mixed-flow	Mixed-Flow	Axial	Thru-Wall
Fan Size	150mm	200mm	150mm	180mm
Voltage (V/Hz)	230/50	230/50	230/50	230/50
Power (W)	2 - 70	3 - 165	2 - 20	2 - 20
Air Flow (m <sup>3</sup> /hr)	65 ~ 647	63 ~ 1250	56 ~ 399	56 ~ 399
Static Pressure (Pa)	503	746	240	240
Noise (dB)	31	38	31	31
Speed (RPM)	500 - 3000	500 - 3000	500 - 3000	500 - 3000
Weight (kg)	2.5	3.5	1.2	1.2



MIXED FLOW (INLINE) FAN  
150MM



MIXED FLOW (INLINE) FAN  
200MM



AXIAL (INLINE) FAN  
150MM



THROUGH-WALL FAN  
180MM



HIGH VELOCITY CONE DIFFUSER  
125MM / 150MM



LOUVRE GRILLE  
125MM / 150MM



STAINLESS STEEL COWL  
125MM / 150MM



GREASE FILTER  
OPTIONAL UPGRADE

## Demand Controlled Ventilation

Our VOC extraction systems use DCV - the extraction rate is automatically adjusted according to fluctuating VOC, temperature, and humidity levels, using our built-in intelligent controller which constantly monitors the garage/workshop air quality to regulate the level of extraction.

Our specialised software determines the right fan speed in order to remove any VOCs and high humidity to maintain the best possible air quality in and around your garage and home.

## Continuous Extraction

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

Additionally, the system keeps running at very low levels even when your garage is not in use, to continue to remove any lingering humidity and heat throughout the day.

This is how our systems are able to react continuously to provide optimal extraction.

*Available Upgrades - Stainless Steel Grease Filter*