



## Our Values



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



**Maintaining Indoor Air Quality** through intelligent software designed specifically for NZ

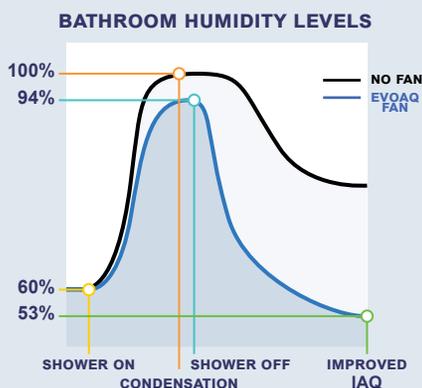


**On-Demand Extraction** by monitoring air quality and extracting as required

## Why Constant Extraction

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

Constantly extracting at very low levels even when your shower is off removes any remaining moisture while drawing in better quality air in and around your bathroom.



## Our 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.

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

| Extraction Systems            | VX125E                | VX150E                |
|-------------------------------|-----------------------|-----------------------|
| Bathroom Size                 | Up to 9m <sup>2</sup> | Above 9m <sup>2</sup> |
| Voltage (V/Hz)                | 230/50                | 230/50                |
| Power (W)                     | 1 - 17                | 3 - 73                |
| Air Flow (m <sup>3</sup> /hr) | 63 ~ 284              | 65 ~ 650              |
| Static Pressure (Pa)          | 159                   | 457                   |
| Noise (dB)                    | 28                    | 31                    |
| Speed (RPM)                   | 250 - 2250            | 500 - 3000            |
| Weight (kg)                   | 1.4                   | 2.5                   |
| Specific Fan Power (SFP)      | 0.175 Watts per L/s   | 0.398 Watts per L/s   |



HIGH FLOW MIXED FLOW FAN  
125MM



HIGH FLOW MIXED FLOW FAN  
150MM



HIGH VELOCITY CONE DIFFUSER  
125MM / 150MM



LOUVRE GRILLE  
125MM / 150MM



STAINLESS STEEL COWL  
125MM / 150MM

## Demand Controlled Ventilation

Our 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 and minimize moisture damage within your bathroom.

## 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 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 others would turn off.

**Available Upgrades - Backdraft Shutter - ABS Egg Crate Grille - Stainless Steel Cowl**