



SmartVent

the expert's choice



HOME VENTILATION SYSTEMS



POSITIVE PRESSURE SYSTEMS

POSITIVE PRESSURE SYSTEMS

5
YEAR
WARRANTY



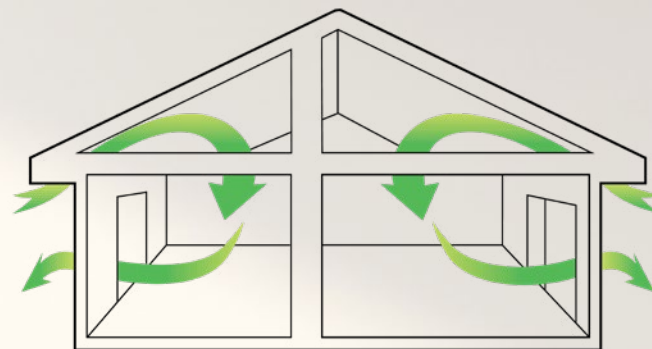
For those who want a fresh & dry home.

Positive pressure systems are ideal for managing moisture and humidity within your home. These systems draw in fresh air from the roof cavity and filter it before distributing the clean air around your home via a network of ceiling diffusers. The air movement forces the moist, stale air that causes condensation, mould and mildew out.

In winter especially, good air circulation and home heating are essential for maintaining indoor air quality. A home ventilation system from SmartVent helps reduce damp, moisture-filled air and improves the overall air quality inside your home. A good investment for the well-being of your family and the overall health of your home.



Fresh air in, stale air out



Outside Air

Fresh air drawn in from outside

Exhaust Air

Moist, stale air forced out of the home



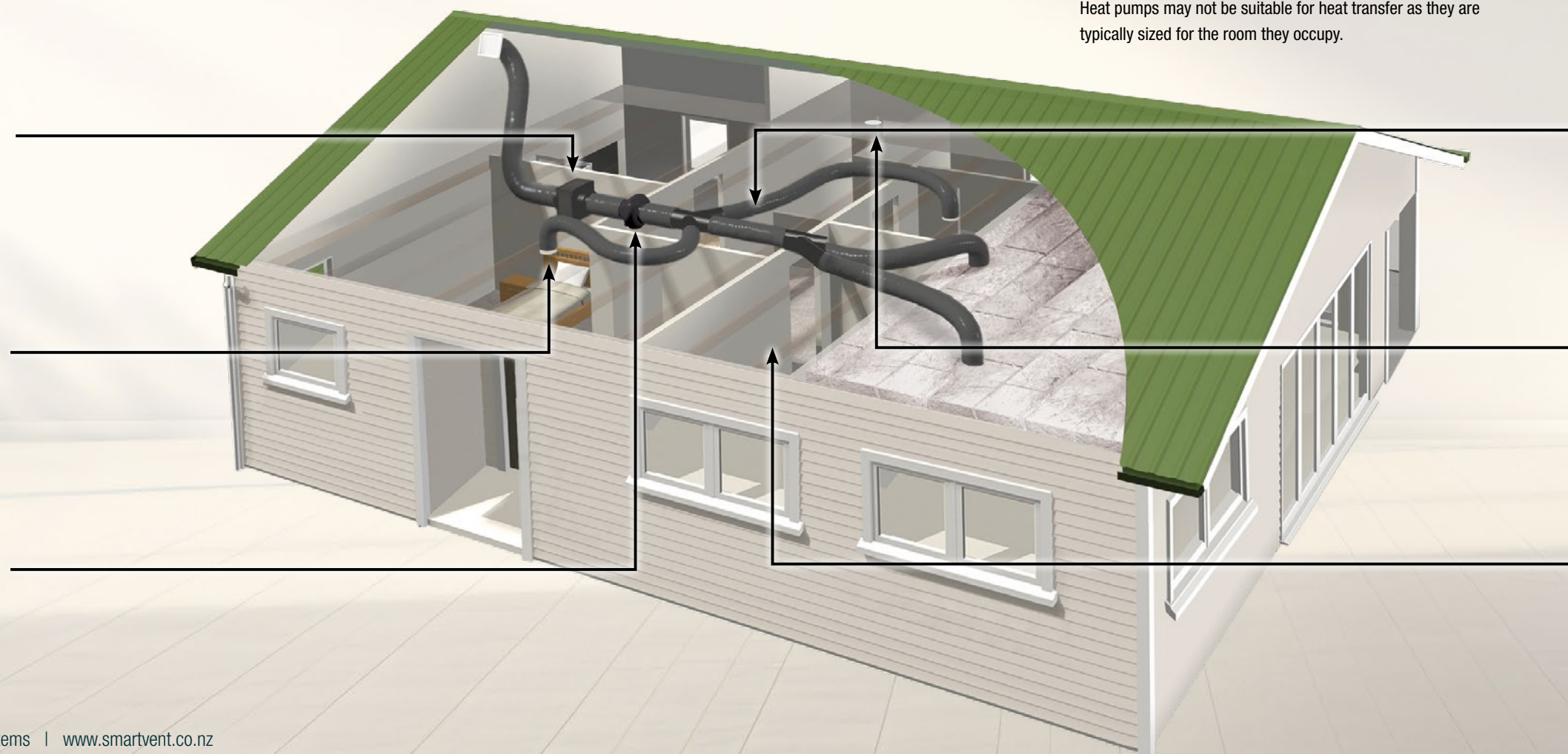
Air Filter



Diffuser



Centrifugal Fan



Comfort Add-Ons

SmartVent positive pressure systems can be further enhanced with the addition of any of the following Comfort Add-ons.



Flexi Air Source

During warmer months, outside air can be used as the primary air source for the system instead of roof cavity air. Keeping bugs and pollen out overnight while bringing in a fresh filtered breeze when you need it most.

During cooler months, the Flexi Air Source can be used in the opposite way. This kit allows air to be drawn from the warmer roof cavity instead of outside, allowing you to automatically take advantage of any solar gain.



Heat Transfer

During cooler months, excess heat from your heated lounge can be transferred to your bedrooms. The recycle function is a bonus feature which allows inside air to be recirculated when outside temperatures are still too cold. It is important to remember that while heat transfer is active the system is not bringing fresh air in.

Heat Transfer is recommended when your home has a heat source that generates excess heat, such as a wood fire. Heat pumps may not be suitable for heat transfer as they are typically sized for the room they occupy.



Tempering Heater

When it's cold outside and you want to take the chill off the incoming air, a 1kW or 2kW Tempering Heater allows you to make the most of the driest air available. Note that the Tempering Heater is not a home heating solution and is not a substitute for an effective heating system. The Tempering Heater will make the incoming air more comfortable, but not make your home dramatically warmer.

Systems with multiple fans need a heater per fan. For homes over 280m², systems require two fans, and some smaller homes may need two fans depending on layout. You may choose to only have one heater, but if your system has two fans some rooms will miss out on the benefits.



Acoustic Insulated Ducting



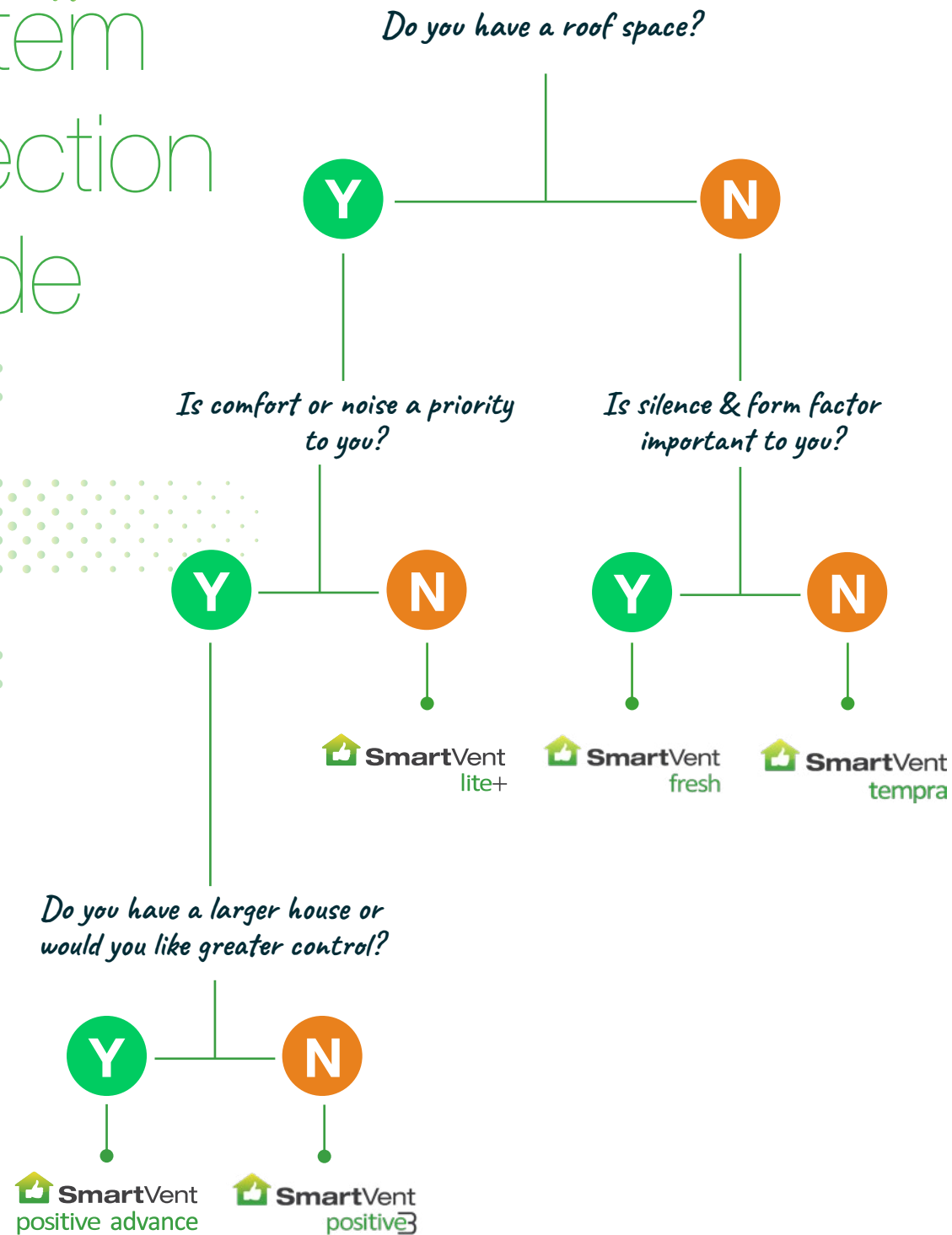
Sensor









Full-Featured Controller and App Control

System Selection Guide

All SmartVent Home Ventilation Systems will help provide a drier, healthier home, but there's more to it than that. Find the best solution for you:



POSITIVE PRESSURE SYSTEMS				HEAT & ENERGY RECOVERY SYSTEMS	
SYSTEMS	POSITIVE ADVANCE	POSITIVE3	LITE+	FRESH	TEMPRA
	 An advanced positive pressure system with superior moisture and overheating control. Additional sensors and a larger controller mean a smarter and easier to use system.	 The standard in positive pressure systems. Quiet, energy efficient and effective indoor moisture and overheating control via several sensors.	 A cost effective solution including an integral humidity guard against moisture, mould & mildew.	 No roof cavity? No problem! Supply and extract air through external walls with this system. Optional add-ons are available to provide additional system automation.	 A stand-alone, through-wall heat recovery system. Designed for single room & wet room ventilation.
Supply Rooms	2 to 12	2 to 12	1 to 12	Up to 16 units total	1 per unit
Moisture Control	Habitable rooms	Habitable rooms	Habitable rooms	Habitable rooms	Wet & habitable rooms
Cheaper to Run (EC fan)	✓	✓	N/A	✓	N/A
Heat Retention (Insulated ducting)	✓	✓	N/A	✓ (Heat recovery)	✓ (Heat recovery)
Quieter Design	✓ (Acoustic duct)	✓ (Acoustic duct)	N/A	✓ (Low noise fan)	N/A
Roof Cavity Required	✓	✓	✓	Installed through-wall	Installed through-wall
Standard Filter (Upgrades available)	F7	F7	F7	Washable dust filter	Washable insect screen
Comfort Add-Ons					
Flexi Air Source Chooses the best air source for the home	Optional	Optional	N/A	Programmable direction built-in	N/A
Heat Transfer Shares the warmth from the lounge to the bedrooms	Optional	Optional	N/A	Separated	Separated
Tempering Heater Takes the edge off the incoming air using an electric heater	Optional	Optional	N/A	Includes up to 82% heat recovery	Includes up to 80% heat recovery
Controls & Sensors					
Controls	6.8" Colour touchscreen	3.5" Monochrome touchscreen	3.5" Monochrome touchscreen	Wall controller (Optional)	Pull cord
App Control	✓	✓	N/A	✓	N/A
Controller Ease of Use	Easy	Intermediate	Intermediate	Advanced	Easy
Functionality	Enhanced	Basic	Basic	Enhanced	Basic
Humidity and Temperature Sensing	✓ x4	✓ x3	✓ x2	✓ (Optional)	N/A
Rental Lock	N/A	✓	✓	N/A	N/A
Scheduling	Weekly	Daily	Daily	Weekly	N/A

Centralised Positive Pressure Solutions

Temperature & humidity controlled smart ventilation

All SmartVent systems provide fresh air which assists with moisture management. The advanced SmartVent logic intuitively responds to the home; understanding when to provide more or less air for the most efficient and comfortable outcomes. Smart backend customisation can enhance your experience further.



ADD-ONS				
Flexi Air Source	Heat Transfer	Tempering Heater Small (1kW)*	Tempering Heater Large (2kW)*	Through Wall Grille

A premium ventilation system with insulated and acoustic duct, wireless app control, 4 sensors, rental lock, advanced touch screen, intuitive dew point control, efficient and economical EC fans, compatible with comfort add-ons.

BEST FOR
Larger homes that need more sensors and flexible add-ons, or situations where you want the controller placed anywhere. It's our most powerful and user-friendly system.

SUPPLY ROOMS	
SMALL (< 100M²)	2-3 rooms (SV02AD)
MEDIUM (< 280M²)	4-6 rooms (SV04AD)
LARGE (< 560M²)	6-12 rooms, 2 fans (SV06AD)

**You may choose to install only one heater, but if your system has two fans some rooms will miss out on the benefits.*



ADD-ONS				
Flexi Air Source	Heat Transfer	Tempering Heater Small (1kW)*	Tempering Heater Large (2kW)*	Through Wall Grille

A smart and efficient home ventilation system with insulated and acoustic ducting, wireless app control, 3 sensors, rental lock, intuitive dew point control, and efficient EC fans, compatible with comfort add-ons.

BEST FOR
Most homes; providing smart ventilation, customisable options, and great value in one economical package.

SUPPLY ROOMS	
SMALL (< 100M²)	1-3 rooms (SV02P3)
MEDIUM (< 280M²)	4-6 rooms (SV04P3)
LARGE (< 560M²)	6-12 rooms, 2 fans (SV06P3)

**You may choose to install only one heater, but if your system has two fans some rooms will miss out on the benefits.*



A basic continuous ventilation solution to protect your investment. Nude and acoustic duct, 2 sensors, rental lock.

BEST FOR
A set and forget solution for landlords wanting to protect their investment properties from internal moisture build-up.

ADD-ONS
Lite+ is not compatible with our range of comfort add-ons. For added comfort and flexibility check out our other options.

SUPPLY ROOMS	
SMALL (< 100M²)	1-3 rooms (SV01L+ / SV02L+)
MEDIUM (< 280M²)	4-6 rooms (SV04L+)
LARGE (< 560M²)	6-12 rooms, 2 fans (SV06L+)



Single Room Solutions

Smarter ventilation options for complex homes



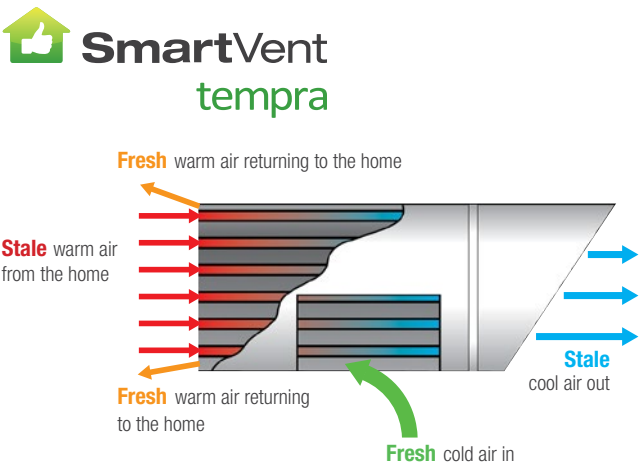
ADD-ONS			
Wireless e16 Wall Controller	Indoor CO2 Sensor	Outdoor Humidity & Temperature Sensor	Indoor Humidity & Temperature Sensor

A quiet **through-wall** ventilation system with **82%** heat recovery that connects to a network of other units and offers several control options, including app control. It uses very quiet and energy-efficient fans.

BEST FOR
Custom and complex homes where space is at a premium. Perfect for bedrooms and living areas where low noise and clean design are important, while still delivering great comfort, smart control, and energy efficiency.

IDEAL HOME TYPE
Townhouses, apartments, homes with skillion or cathedral ceilings, tiny homes, and sleepouts.

SUPPLY ROOMS	1 per bedroom, 1-2 per living space
COVERAGE*	Up to 33m²



A **stand-alone, through-wall** ventilation system with **80%** heat recovery. Designed for bathrooms and living spaces. It has a small wall penetration and easy-to-use controls, making it simple to install and operate.

BEST FOR
Bathrooms, garage conversions, and shared spaces where consistent balanced airflow matters most.

IDEAL HOME TYPE
Bathrooms, garage conversions, communal areas, and relocatable or multipurpose spaces.

SUPPLY ROOMS	1 per room
EXTRACT ROOMS	1 per room (wet room compatible)
COVERAGE*	Up to 37m²

Vent-Axia PureAir Room 260X



PURIFY YOUR INDOOR AIR FOR A HEALTHIER HOME ENVIRONMENT

An in-room air purifier—perfect when opening windows isn't an option*.

**Please note: This unit is not a dehumidifier.*

BEST FOR
Reducing dust, mould spores, bacteria, and viruses in homes.

IDEAL SPACE TYPE
Living rooms, dining areas, bedrooms, nurseries, and home offices.

SUPPLY ROOMS	1 per room (portable)
COVERAGE*	30m²

**Room size varies by occupancy, usage type and compliance requirements. Sizes given here based on 0.35ACH and 2.45m stud height.*

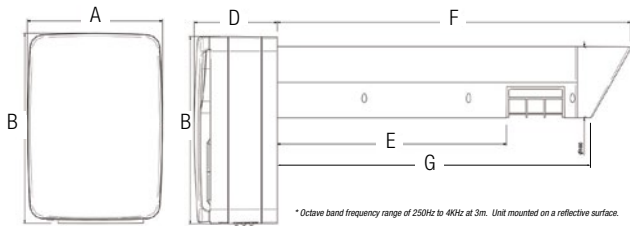
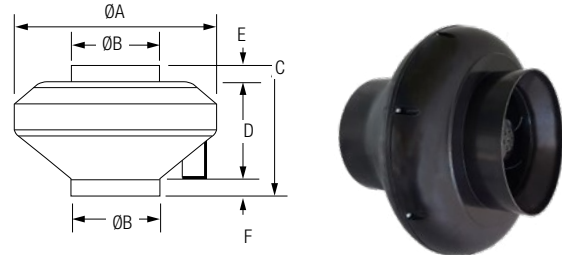
SmartVent

Positive Pressure Systems

Specifications

Systems	Lite+	Positive3	Lite+	Positive3	Positive Advance	Lite+	Positive3	Positive Advance	Lite+	Positive3	Positive Advance
Supply Rooms	1 Room		2 Rooms			4 Rooms			6 Rooms		
Specifications	SV01L+	SV01P3	SV02L+	SV02P3	SV02AD	SV04L+	SV04P3	SV04AD	SV06L+	SV06P3	SV06AD
House Size	Up to 100m ²		Up to 100m ²			Up to 280m ²			Up to 560m ²		
Max. Fans	2	4	2	4		2	4		2	4	
Fan Type	AC	EC	AC	EC		AC	EC		AC	EC	
Spigot Size	150mm		150mm			200mm			200mm		
Fan Speeds	3	Infinitely Variable	3	Infinitely Variable		3	Infinitely Variable		3	Infinitely Variable	
Max. Air Flow per Fan @ 0 Pa	152 l/s, 548m ³ /hr	175 l/s, 630m ³ /hr	152 l/s, 548m ³ /hr	175 l/s, 630m ³ /hr		282 l/s, 1014m ³ /hr	284 l/s, 1023m ³ /hr		282 l/s, 1014m ³ /hr	284 l/s, 1023m ³ /hr	
Max. Air Flow per Fan @ 150 Pa	98 l/s, 353m ³ /hr	132 l/s, 480m ³ /hr	98 l/s, 353m ³ /hr	132 l/s, 475m ³ /hr		211 l/s, 760m ³ /hr	206 l/s, 742m ³ /hr		211 l/s, 760m ³ /hr	206 l/s, 742m ³ /hr	
Max. Static Pressure per Fan	336 Pa	568 Pa	336 Pa	568 Pa		441 Pa	461 Pa		441 Pa	461 Pa	
Power Supply	220–240V AC 50 Hz		220–240V AC 50 Hz			220–240V AC 50 Hz			220–240V AC 50 Hz		
Input Power per Fan	57W	67W	57W	67W		105W	85W		105W	85W	
Current (A) per Fan	0.26A	0.29A	0.26A	0.29A		0.47A	0.7A		0.47A	0.7A	
Operating Temp	–25°C to 50°C		–25°C to 50°C			–25°C to 50°C			–25°C to 50°C		
Sound Level	47 dB(A)		47 dB(A)			53 dB(A)			53 dB(A)		

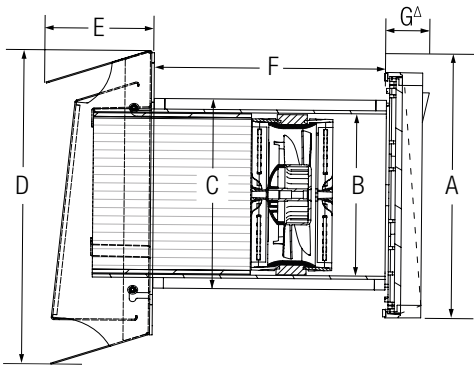
Fan Dimensions (mm)	A	B	C	D	E	F
Spigot Size – 150mm	340	150	280	170	50	60
Spigot Size – 200mm	340	200	280	170	50	60




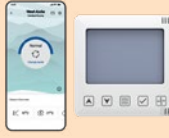




Tempra Dimensions (mm)	A	B	C	D	E	F	G
Standard Tube	190	266	262	117	321	496	450
Long Tube	190	266	262	117	461	636	590

Specification	Trickle – Low	Trickle – High	Boost
Free Air Performance	6 l/s	9 l/s	15 l/s
Power	3.2W	5.7W	26.6W
Sound	27.3 dB(A)	35.9 dB(A)	48.8 dB(A)

Fresh Dimensions (mm)	A	B	C	D	E	F	G
Standard	270	Ø160	Ø180	276	80	≥140	44
Specification	Trickle (25%)		Medium (40%)		High (70%)		Boost (100%)
Efficiency	82%		72%		68%		60%
Extract/Heat Recovery (Pair)	5.5 l/s (20m³/hr)		7.2 l/s (26m³/hr)		11.1 l/s (40m³/hr)		16.1 l/s (58m³/hr)
Power (Pair+Controller)	2.6W		3.5W		5.3W		10.1W
Heat Recovery (Single)	2.8 l/s (10m³/hr)		3.6 l/s (10m³/hr)		5.5 l/s (20m³/hr)		8 l/s (28m³/hr)
Power (Single)	1.3W		1.75W		5.3W		10.1W
Sound	12dB(A)		24dB(A)		30dB(A)		37dB(A)



System	Synergy3	Balance	Econiq	Fresh	Tempra	
 HEAT & ENERGY RECOVERY SYSTEMS	 Build your own solution on a practical base with modern control and app. Choose the comfort features that matter most to you.	 Set and forget with this high-performance complete solution. Deliver both extract and supply in one package, designed to be hidden away.	 Our highest-performance home ventilation system with advanced automation and app control. Delivering an all-in-one ventilation solution.	 No roof cavity? No problem! Supply and extract air through external walls with this system. Optional add-ons are available to provide additional system automation.	 A stand-alone, through-wall heat recovery system. Designed for single room & wet room ventilation.	
	Supply Rooms (Fresh Air In)	3 to 6	3 to 6	3 to 8	Up to 16 units total	1 per unit
	Extraction Rooms (Stale Air Out)	1 to 2	1 to 3	1 to 4	Up to 16 units total	1 per unit
	Moisture Control	Habitable rooms	Wet & habitable rooms	Wet & habitable rooms	Habitable rooms	Wet & habitable rooms
	Heat Recovery Efficiency	Up to 75%	Up to 90%	Up to 93%	Up to 82%	Up to 80%
	Heat Recovery Locations	Habitable rooms	Wet and habitable rooms	Wet and habitable rooms	Habitable rooms	Wet & habitable rooms
	Cheaper to Run (EC fan)	AC fan	✓	✓	✓	N/A
	Quieter Design	✓ (Acoustic duct)	✓ (Low noise fan)	✓ (Low noise fan)	✓ (Low noise fan)	N/A
	Roof Cavity Required	✓	Wall or roof mounted	Wall or roof mounted	Installed through-wall	Installed through-wall
	Standard Filter (Upgrade available)	G3+F7	G4+F7	G4 (+Upgrade option)	Washable dust filter	Washable insect screen
Comfort Add-Ons						
Flexi Air Source Chooses the best air source for the home	Optional	Source bypass	Source bypass	Programmable direction built-in	N/A	
Heat Transfer Shares the warmth from the lounge to the bedrooms	Optional	Separated	Separated	Separated	Separated	
Tempering Heater Takes the edge off the incoming air using an electric heater	Optional (up to 75% energy recovery built in)	Includes up to 90% heat recovery	Includes up to 93% heat recovery	Includes up to 82% heat recovery	Includes up to 80% heat recovery	
Core Bypass Allows direct air when conditions are comfortable	N/A	✓	✓	✓ (+One-way operation)	N/A	
Controls & Sensors						
Controls	6.8" Colour touchscreen	Wall controller	Wall controller	Wall controller (Optional)	Pull Cord	
App Control	✓	N/A	✓	✓	N/A	
Controller Ease of Use	Easy	Intermediate	Advanced	Advanced	Easy	
Functionality	Enhanced	Intermediate	Enhanced	Enhanced	Basic	
Humidity and Temperature Sensing	✓ x4	✓ (Built-in)	✓ (+Expandable)	✓ (Optional)	N/A	
Rental Lock	N/A	✓	N/A	N/A	N/A	
Scheduling	Weekly	Daily	Weekly	Weekly	N/A	



Check Out Our Heat & Energy Recovery System Range Here



Home Ventilation Systems




Fresh filtered air in
Moist stale air out

Ask what we can do for you

General enquiries ph: 0800 140 150

www.smartvent.co.nz | enquiry@smartvent.co.nz



The team at SmartVent is committed to our sustainability goals including reusing all packaging bearing this mark  please ask your installer for more information on this exciting initiative.

Specifications are subject to change without notice

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