



# Premium Ventilation Solutions



## Ventair Easy Duct™

Fully Ducted  
Ventilation Unit

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## Ventair™

Vent 'n' Lite™

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## Eco Ventflo™

Eco Ceiling Vent  
with Draught Stopper

# Ventair™ Vent 'n' Lite™



2 Year replacement warranty

## Ventair Easy Duct 10380

Fully ducted ventilation unit with 170mm blower  
Engineered to seal when not in use - prevents back draughts  
Ideal for eco sensitive designs and 5 star energy rated homes  
Flex and plug included for simple installation  
Extraction rate of 55 litres per second\*

### Pack includes:

- 6m x 150mm flexible duct
- 2 x interior/exterior grille
- 1 x in-line exhaust unit

\* Ducted exhaust systems return a lower l/sec rate due to resistance created by the ducting.



3 Year repair warranty

## Vent 'n' Lite deluxe 10363

Light and exhaust fan in the one unit  
Powerful 200mm exhaust fan  
2 speed fan option  
Exhaust capacity of 92 litres of air per second  
2 x 42 watt Halogen centre lights for superior illumination  
Light & fan can be operated separately  
Fascia clips off for easy cleaning, dishwasher safe



3 Year replacement warranty

## Vent 'n' Lite 100 10310

Powerful 200mm exhaust fan  
Light and exhaust fan in one unit  
Exhaust capacity of 75 litres of air per second  
Up to 100 watt centre light for superior illumination  
Light and fan can be operated separately  
Fascia clips off for easy cleaning



3 Year replacement warranty

## Ventair 10325 (250mm) / 10320 (200mm)

Powerful exhaust fan - two fan sizes available  
200mm fan has capacity of 72 litres per second  
250mm fan has capacity of 142 litres per second  
Fascia clips off for easy cleaning  
Comes with flex and plug for simple installation



Optional Accessory: Square fascia, model no. 636036

## Specifications

Type	Vent Air Easy Duct	Vent 'n' Lite Deluxe	Vent 'n' Lite 100	Vent Air	Vent Air
Model Number	10380	10363	10310	10320	10325
Light	N/A	2 x 42W Halogen (included)	100W BC (not included)	N/A	N/A
Supply (Volts)	240	240	240	240	240
Fan Size (mm)	170	200	200	200	250
Capacity m <sup>3</sup> /h vs L/s	198/55	321/92	259/72	259/72	511/142
Cutout size (mm)	160 dia.	262 x 262	265 dia.	240. dia	295 dia.
Total Clearance Required (mm)	230	285	233	180	180
Watts	40	124	140	40	40

NB: All Tastic products are only designed and approved for use in horizontal applications. See instructions for full details.

# Eco Ventflo™

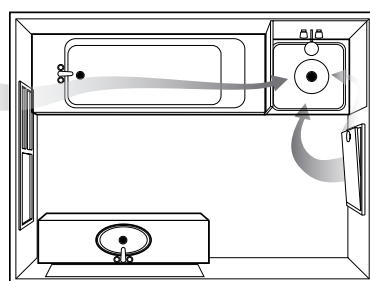
## Eco Ceiling Vent with Draught Stopper



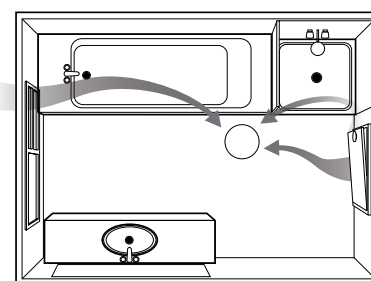
3 Year replacement warranty

### Eco Ventflo 200 10324

Powerful Extraction 340 m<sup>3</sup>/h Airflow  
Self sealing back draught shutters  
- suitable for 5 star energy rated homes  
Suitable for bathrooms, kitchens,  
laundries and toilets  
IP24 Rated - can be installed directly  
above a shower  
Dishwasher safe fascia



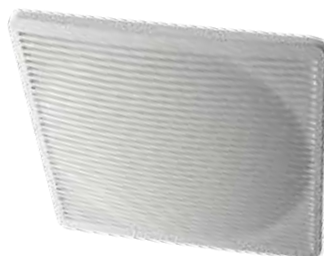
Shown installed above shower



Shown installed between shower and bath

### Eco Ventflo 250 10326

Powerful Extraction 490 m<sup>3</sup>/h Airflow  
Self sealing back draught shutters  
- suitable for 5 star energy rated homes  
Suitable for bathrooms, kitchens,  
laundries and toilets  
IP24 Rated - can be installed directly  
above a shower  
Dishwasher safe fascia



Optional Accessory: Square fascia, model no. 636036



Automatic draught shutters that close when the unit is not in use

## Specifications

Type	Eco Ventflo 200	Eco Ventflo 250
Model Number	10324	10326
Fan (mm)	200	250
Optional Square Fascia	Model 636036	Model 636036
Capacity m <sup>3</sup> /h	340	490
Capacity L/s	94	136
IP24 Rated	Yes	Yes
Cutout size (mm)	244 dia.	294 dia.
Total Ceiling Cavity Requirement (mm)	215	260
Watts	30	52

# Ventilation Selection Guide

Selecting the right fan is as easy as...1,2,3.

## STEP ONE - Select your required application

ACH (Air Changes per Hour)

The size or capacity of the exhaust fan you need is determined by the type of room it is to be installed in, as different rooms require different rates of air flow.

The rate of air flow is the number of times the total room volume of air is changed per hour.

See below chart for ACH guide per room:

Application Description *	Air Changes Per Hour
Bathrooms (without shower)	6 - 8
Bathrooms (with shower)	15 - 20

\* Remember, if you have a steam room, sauna, or hot tub, you will need to increase the size of the fan to compensate for additional moisture.

## STEP TWO

Calculate the room volume in cubic metres (m<sup>3</sup>) by multiplying the length x width x height (L x W x H).

### Example One

Average small bathroom: 2.2m x 2.2m x 2.4m = 11.6m<sup>3</sup> - Select a room volume greater than 12m<sup>3</sup>.

### Example Two

Average large bathroom: 2.2m x 2.8m x 2.8m = 17.25m<sup>3</sup> - Select a room volume greater than 18m<sup>3</sup>.

Reminder to always round up with calculating the room volume.

## STEP THREE - Calculate the ventilation performance requirements.

**A** Multiply the room volume by the recommended air changes per hour for that room. Always use the higher limit.

The result is the total performance required in cubic metres per hour:

Room Type - Bathroom with shower 15 - 20 air changes per hour.

Room Size - 12m<sup>3</sup> (small bathroom) or 18m<sup>3</sup> (large bathroom)

Result - 240m<sup>3</sup>/hr (small bathroom) or 360m<sup>3</sup>/hr (large bathroom) is the total performance required from the ventilation fan in cubic metres per hour.

**B** Now you know the performance requirement of your ventilation product, use the conversion table and comparison chart below to work out the right exhaust fan and convert different measurements.

### Example One

(small bathroom): 240m<sup>3</sup>/hr can be converted into 141.24 cubic feet per minute or 66.66 litres per second.

### Example Two

(large bathroom): 360m<sup>3</sup>/hr can be converted into 211.86 cfm or 100 l/s.

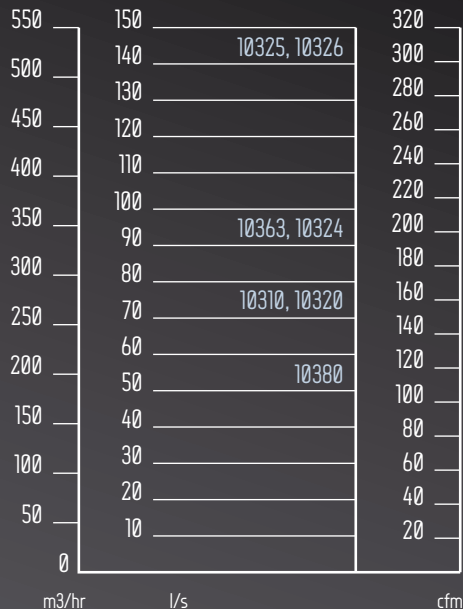
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## Converting air movement ratings

When choosing a ventilation fan, check its rating for air movement. They're reflected a number of ways, however by following the calculations below it is easy to compare different ventilation products and their performance capacity.

Convert From	x OR ÷ By	Convert To
l/s - Litres per second	x 2.119	cfm - Cubic feet per minute
l/s - Litres per second	x 3.6	m <sup>3</sup> /h - Cubic metres per hour
l/m - litres per minute	x 0.0353	cfm - Cubic feet per minute
m <sup>3</sup> /h - Cubic metres per hour	x 0.5885	cfm - Cubic feet per minute
m <sup>3</sup> /h - Cubic metres per hour	÷ 3.6	l/s - Litres per second
cfm - Cubic feet per minute	x 1.699	m <sup>3</sup> /h - Cubic metres per hour
cfm - Cubic feet per minute	x 0.4719	l/s - Litres per second
cfm - Cubic feet per minute	x 28.316	l/min - Litres per minute

## Comparison Chart - m<sup>3</sup>/hr to l/s to cfm



# Sampford IXL

SAMPFORD IXL PTY LTD

391 Boundary Road, Truganina, Victoria 3029 Australia. Phone 1300 727 421.  
www.ixlappliances.com.au info@sampfordixl.com.au

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