

Easy Duct™ Thermal Transfer System™

Thermostatically transfers air from heated rooms to cooler rooms in winter and cooled air in Summer



Premium Ventilation Solutions



Quickly remove steam laden air and odours from the bathroom, laundry or kitchen

Ventair™ Vent 'n' Lite™

Easy Duct™

Thermal Transfer System™

2 Year
replacement warranty



People who have a room with a strong heat source (like a space heater or fireplace) often wish to divert some of this heat to a bedroom, study or other part of the house. The same applies to people with a large, central air conditioner who wish to cool another room. IXL's Easy Duct Thermal Transfer System is an intelligent, low cost and highly efficient way to do just that.

The system is efficient because the 40W, 55 litre/second fan uses less energy than an average light bulb and far less than an electric heating or cooling device. This is important for people who wish to minimise their bills, who don't use mains electricity or who seek a 5 Star energy rating for their new or renovated home.

Specifications

Type	Model No.	Supply (volts)	Cut out Fan size	Total Clearance required (mm)	Watts Rating (Amps)	Watts per Hour	Cost (cents)*	Capacity m³/h vs. l/s
East Duct Thermal Transfer System	10390	240	200 dia.	230	0.3	40	0.76	198/55

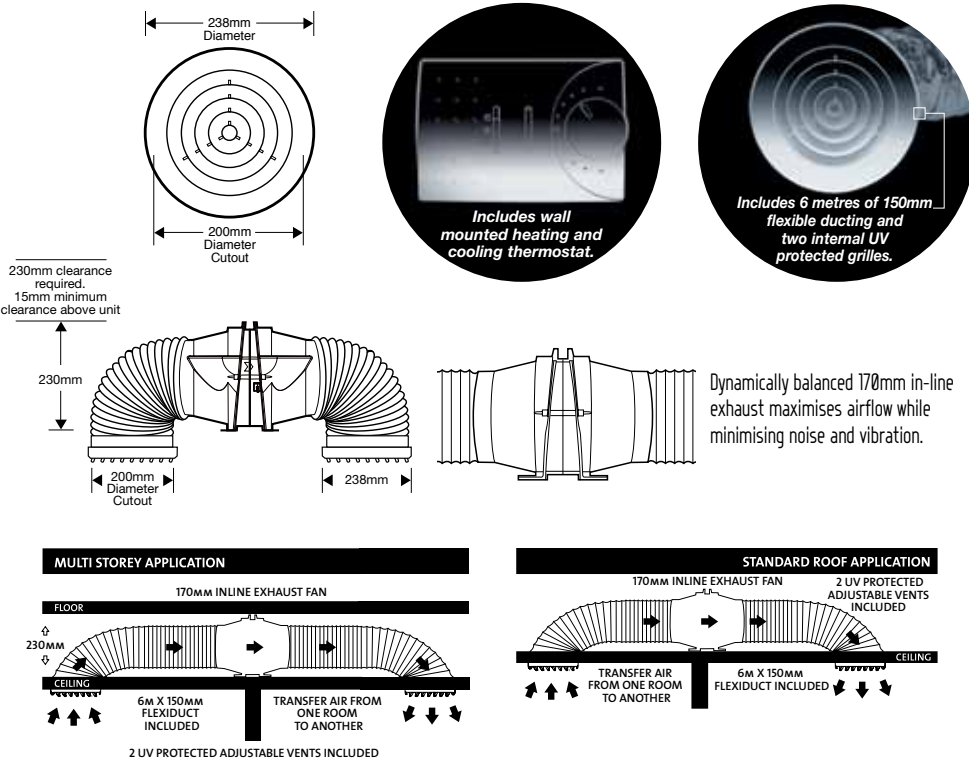
* Based on 19¢ per kw/hr. Check with your local electricity provider for individual tariffs. NB: All Tastic products are only designed and approved for use in horizontal applications. See instructions for full details.

Easy Duct Thermal Transfer System 10390

One way transfer unit
Powerful 170mm in-line exhaust fan
Ultra low energy use - only 40 watts.
Engineered to seal when not in use - prevents back draughts
Ideal for eco sensitive designs and 5 star energy rated homes
Extraction rate of 55 litres per second*

Pack includes:
6m x 150mm flexible duct (insulated)
2 x interior grille
1 x wall mounted thermostat (heating/cooling)
1 x in-line exhaust unit

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



Ventair™

Vent 'n' Lite™

2 Year
replacement warranty
(10380)

3 Year
repair warranty
(10363, 10310, 10320 & 10325)



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 m³/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	160	140	40	40
Per Hour Cost (Cents)*	0.76	3.04	2.66	0.76	0.76

* Based on 19¢ per kw/hr. Check with your local electricity provider for individual tariffs. NB: All Tastic products are only designed and approved for use in horizontal applications. See instructions for full details.



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.



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



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



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

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 (m³) 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 = 11.6m³ - Select a room volume greater than 12m³.

Example Two

Average large bathroom: 2.2m x 2.8m x 2.8m = 17.25m³ - Select a room volume greater than 18m³.

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 - 12m³ (small bathroom) or 18m³ (large bathroom)

Result - 240m³/hr (small bathroom) or 360m³/hr (large bathroom) is the total performance required from the ventilation fan in cubic meters 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): 240m³/hr can be converted into 141.24 cubic feet per minute or 66.66 litres per second.

Example Two

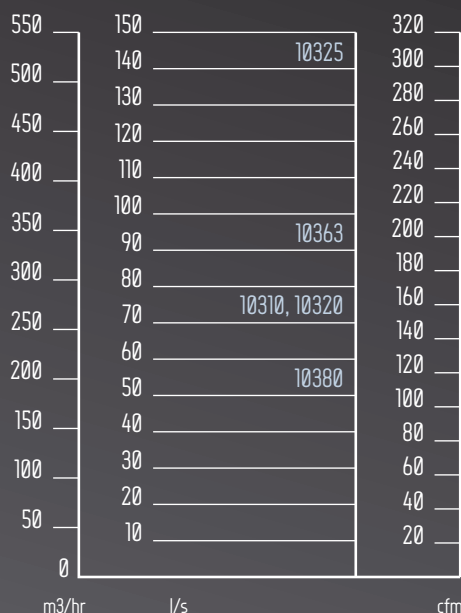
(large bathroom): 360m³/hr can be converted into 211.86 cfm or 100 l/s.

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 ³ /h - Cubic metres per hour
l/m - litres per minute	x 0.0353	cfm - Cubic feet per minute
m ³ /h - Cubic metres per hour	x 0.5885	cfm - Cubic feet per minute
m ³ /h - Cubic metres per hour	÷ 3.6	l/s - Litres per second
cfm - Cubic feet per minute	x 1.699	m ³ /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 - m³/hr to l/s to cfm



Sampford IXL

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