

# Duplexvent DV72

Basic Line Top Entry - Up to 280 m<sup>3</sup>/hr air volume



## Key Features

- For use in small and medium sized dwellings
- Extracts up to 235 m<sup>3</sup>/hr at 100 Pa
- Over 90% thermal efficiency
- Thermal summer by-pass
- Energy efficient EC fans ensure low SFP
- Fits inside a 600mm kitchen cupboard
- In-built frost protection
- Ceiling suspended version available (DV72CS)
- Independantly adjustable fans
- SAP-Appendix Q eligible
- Complies with Building Regulations
- 1 year warranty

## Duplexvent DV72

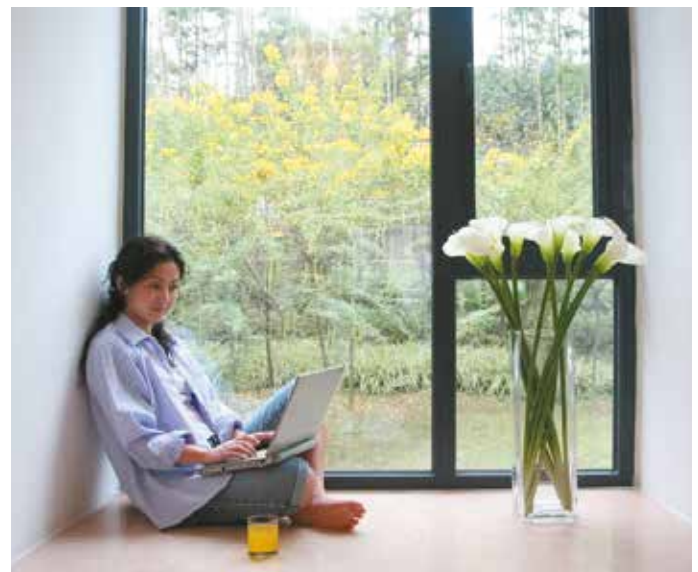
Duplexvent DV72 is a high performance heat recovery unit which provides a cost-effective solution for residential dwellings.

This MVHR unit is equipped with an easily removable polypropylene, ultra-high efficiency heat exchanger which transfers more than 90% of the warmth from the outgoing waste airstream into the incoming fresh air.

A thermal by-pass helps to avoid dwelling overheating in summer.

Thanks to its extremely compact size the Duplexvent DV72 can be mounted in a standard kitchen cupboard or on the wall vertically which provides a space-saving solution especially for small and medium size dwellings.

Our SAP Appendix Q eligible DV72 and AIRFLEX PRO ducting system create a perfect solution with highly efficient heat recovery and Zero Leakage air transfer which provide ventilation levels that meet the latest Building Regulations 2010 (Approved Document F).



## SAP Appendix Q

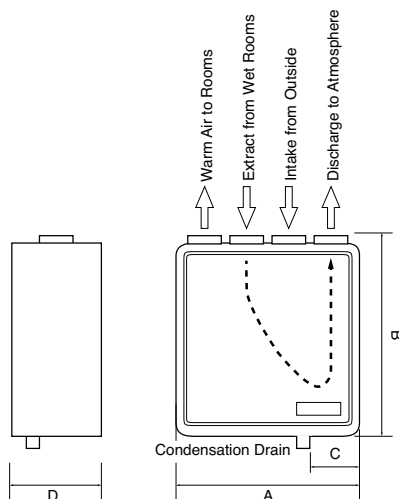
Tested by the BRE (Building Research Establishment) and eligible for the SAP Appendix Q

DV72	SFP	Efficiency
K+1 Wet room	0.60 W//s	91%
K+2 Wet rooms	0.68 W//s	90%
K+3 Wet rooms	0.84 W//s	89%
K+4 Wet rooms	0.99 W//s	88%

## Technical Data

Specification	Duplexvent DV72 R	Duplexvent DV72 L
Max. air flow m <sup>3</sup> /hr / l/sec @ 0 Pa	280 / 78	280 / 78
Air flow m <sup>3</sup> /hr / l/sec @ 100 Pa	235 / 65	235 / 65
Thermal efficiency	Over 90%	Over 90%
Heat exchanger	Counterflow (Plastic)	Counterflow (Plastic)
Fans	EC	EC
Controls (normal and boost)	2-Speed	2-Speed
Mounting	Wall	Wall
Sound level @ 3m (dB(A))	28 - 45	28 - 45
Duct diameter (mm)	4 x 125	4 x 125
Condensate discharge (mm)	22	2 x 22
Electrical supply	230v / 1ph / 50Hz	230v / 1ph / 50Hz
Max. power consumption	150W	150W
Filter class	2 x G3	2 x G3
Thermal by-pass	Yes	Yes
Electric post-heater	1200W (optional)	1200W (optional)
Electric frost protection	Yes	Yes
Protection class	IPX2	IPX2
Weight (kg)	14	14
Dimensions (L x H x D) mm	560 x 635 x 260	560 x 635 x 260
Part No.	90000556	90000557

## Dimensions



Model	A	B	C	D = DEPTH
DV72	560	635	173.5	260



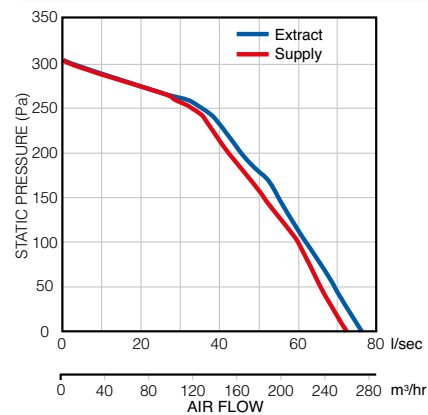
DV72 installed in a kitchen cupboard

## Controls

A separately mounting commissioning switch is supplied with the unit. Two, 100% user adjustable speed levels can be set on installation. In addition both fans can be independently adjusted to ensure a balanced system upon commissioning. Also accepts boost function switches (not supplied). An automatic thermal summer by-pass will activate when the supply air temperature reaches 25°C to prevent dwelling overheating via heat exchanger.



## Performance



\* Guidance only. Dependant upon system pressure.

## Accessories

See switches/accessories for more details.



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