



VENTILATION WITH HEAT RECOVERY

**“Fresh, clean, warm air...
...and saving energy too!”**

DUPLEXVENT – CREATING A HEALTHIER ENVIRONMENT

With ever increasing energy costs the need to conserve heat and power is leading to higher levels of insulation and air tightness in residential dwellings and commercial buildings. The resulting poor indoor climate can lead to health problems for occupants and visitors alike and long term damaging effects to the fabric of a building.

The lack of effective ventilation within a well sealed environment increases the prevalence of airborne contaminants, odours and smells which together with high levels of humidity and condensation all add to an unhealthy environment.

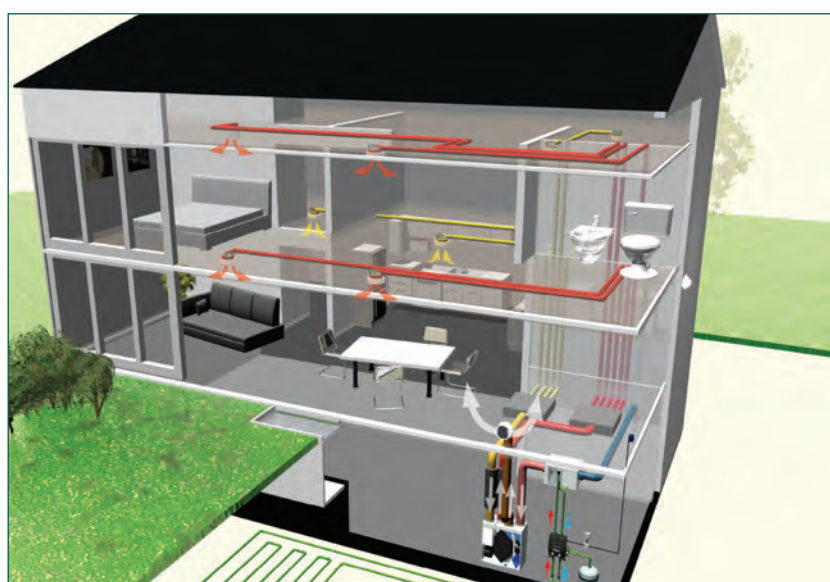
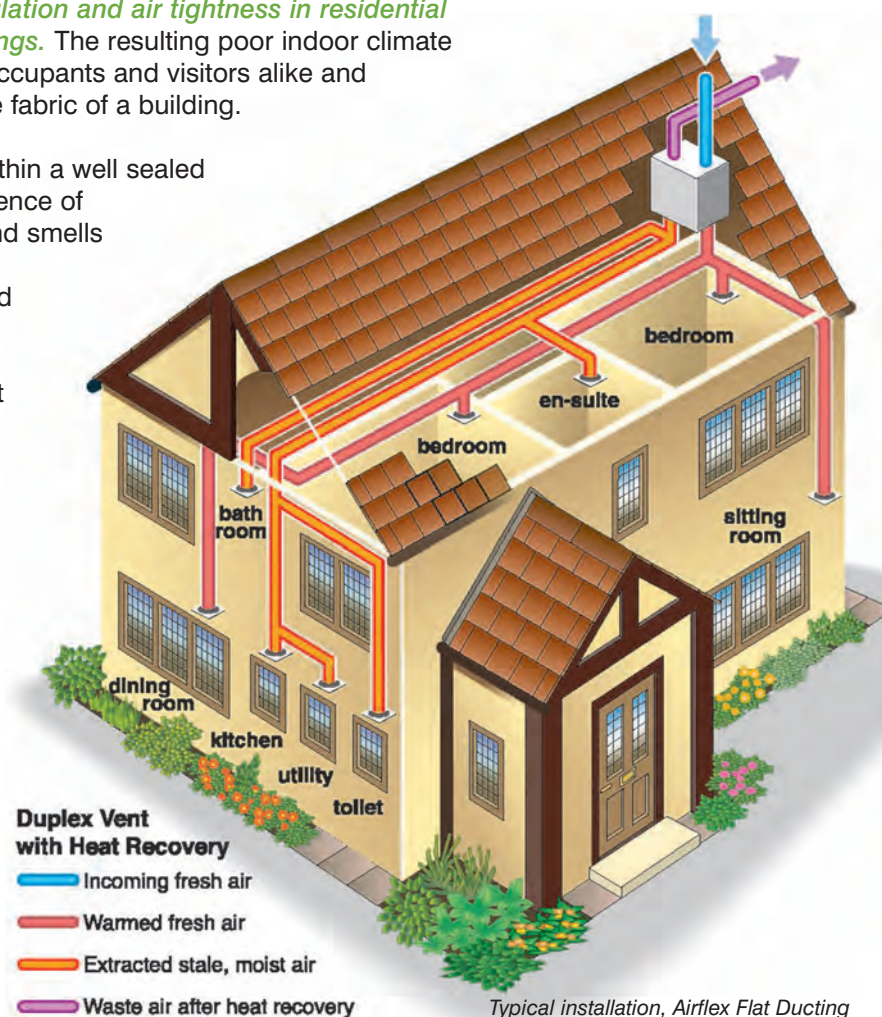
If left unchecked the development of dampness leads to mould growth and the spread of mites which can increase the likelihood of headaches, allergies and the development of asthma in children.

Fresh, filtered air is the answer!

In a healthy home thousands of litres of fresh air is needed everyday to compensate for the moisture generated by each individual person, and also through cooking, washing and bathing.

Duplexvent provides continuous mechanical ventilation with heat recovery for the supply of controlled, fresh, filtered air while extracting potentially harmful, unwanted moisture and airborne pollutants.

It helps to save energy too by re-claiming waste heat from extracted air that would otherwise be lost and returning it via the incoming fresh air into the dwelling. By adding back warmed, fresh air the thermostat can be turned down and, over time, tangible benefits in reduced energy consumption will be realised.



DUPLEXVENT – EFFECTIVE AND EFFICIENT



Heat recovery is a process of continuously preheating incoming cool supply air by warming it with the outgoing exhaust air. Warm air is not simply exhausted but transfers most of its heat to supply air in a highly efficient heat recovery exchanger. At no time do the airstreams mix as the heat radiates through the plates of the exchanger.

What is Heat Recovery Efficiency?

Heat recovery efficiency is the utilising of waste heat to cool fresh incoming air.

Generally speaking efficiency above 60% is considered good and above 80% excellent. The heat recovery efficiency for DUPLEXVENT units is up to 90% (it depends on the unit size, air flow and the heat recovery exchanger type).

The heat recovery exchanger is fitted directly in the ventilation unit. This allows use of heat recovery in all building types such as flats, apartments, family houses and residential accommodation.

Larger units can be installed in commercial buildings, swimming pools, retail and industrial buildings.

Duplexvent units also incorporate a "By-Pass" mechanism so that in summer supply air is not warmed unnecessarily.

Heat recovery exchangers can be used even in air-conditioned buildings where during the summer season it serves as cold recovery. Incoming warm air is cooled by air-conditioned exhaust air.

Fresh Air for a Healthy Environment

For the maintenance of the building fabric and for a healthy indoor climate, controlled mechanical ventilation is essential.

Energy savings are achieved by improved insulating measures and by the use of heat recovery. Carbon emissions in the dwelling are also reduced with the contribution of heat recovery.

Just as important is that there is a healthy and comfortable climate in highly insulated buildings. Research proves that people living, working or studying in inadequately ventilated buildings suffer from more ailments such as headache and allergies.

On average, humans spend 90% of their lives in closed buildings. Therefore, it is of prime importance to provide healthier indoor air, free from odours, high humidity and airborne pollutants.

Extract Air

Stale air is contaminated with humidity, toxins and smells extracted from the kitchen, bathroom and toilet. Outlet grilles in toilets and wet room areas, such as the bathroom, en-suite, utility and kitchen allow a constant or demand oriented air flow volume to be extracted, matched to the users' individual needs or room demands. Much of the heat of the extracted air is retained by the exchanger and transferred to the incoming fresh external air.

Supply Air

Fresh air is fed directly from outside into the ventilation system through a filter.

The heat taken from the extracted air is used to warm the fresh filtered air in the exchanger and then flows through ducting to termination points such as air valves or air inlets into the living rooms and bedrooms. By undercutting doors and fitting transfer grilles fresh air circulation is ensured throughout the dwelling.

DUPLEXVENT

Creating a healthy home

- Meets Building Regulations, Approved document F, April 2006 (MVHR)
- Helps comply with code for sustainable homes level 4 and higher
- Save energy by reducing heating costs
- Extracts airborne pollutants that can cause allergies and asthma
- Supplies warmed, filtered air to living spaces
- Removes condensation and humidity from wet rooms
- Reduces carbon dioxide levels that can cause headaches and drowsiness
- Clears odours, tobacco smoke and cooking smells
- Eliminates dampness and mould growth
- Helps reduce the dwellings carbon footprint (DER)
- SAP Appendix Q Eligible models

DUPLEXVENT T E SERIES

A range of high quality top entry connection mechanical ventilation units with heat recovery for residential and light commercial applications.

Duplexvent 70 Compact Duplexvent 70K Compact

Wall mounting for small dwellings and renovation projects

DV70 is a ventilation unit for social housing and private sector small blocks-of-flats and terraced houses. Ideal for renovation purposes. Control either with a speed selection switch or with a cooker hood control.

The ventilation unit is available as the DV70C standard wall or floor model or wall mounted as the DV 70K Compact model, equipped with a cooker hood.

Heat recovery exceeds 65%.
Extracts up to 234 m³/hr @ 50 Pa.



Duplexvent 75EC (SAP APPENDIX Q – ELIGIBLE)



Low SFP and Constant Flow Fans

DV75EC uses EC motor technology to ensure that constant, pre-set installed performance air flow levels are automatically maintained when system resistance increases as filters degrade.

With significantly low SFP (Specific Fan Power) levels this equipment is perfect for inclusion in SAP assessments by contributing to a low dwelling emission rate (DER). Unit is supplied with a special four speed selection switch as standard.

Heat recovery exceeds 60%.
Extracts up to 240 m³/hr @ 130 Pa.



Duplexvent 75/95 Duplexvent 75/95

Quality and silence

DV75/95 are a high-quality standard solution for private and social housing in blocks of flats, terraced houses and detached houses. Control through a separate switch or optional cooker hood.

The “Silent” versions of DV 75/95 units are the solution for places with problems in terms of sound transmission. Thanks to the advanced insulation technology, Duplexvent Silent is quieter than many conventional solutions.

Heat recovery efficiency in excess of 60%.
Extracts up to 270 m³/hr (DV75) @ 130 Pa or 342 m³/hr (DV95) @ 130 Pa.



Duplexvent 90 SE **(SAP APPENDIX Q – ELIGIBLE)**

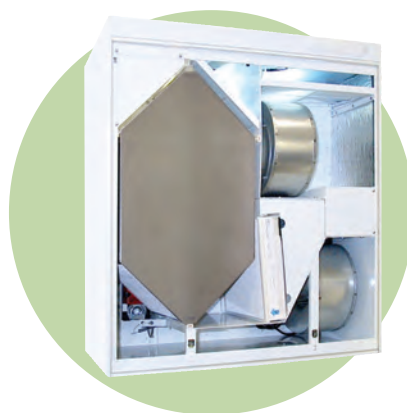


High technology for dwellings

DV90 SE is a high-quality ventilation unit suitable for small and medium sized family houses and terraced houses.

Available with energy-efficient dc fans or with ac fans and the intelligent electronic Duplexvent SED control system. The unit can be connected to remote monitoring.

Heat recovery efficiency exceeds 80%.
Extracts up to 306 m³/hr @ 50 Pa.



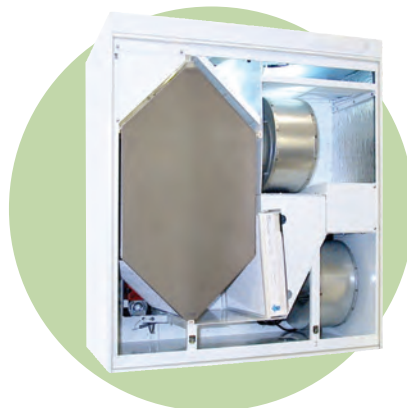
Duplexvent 90SC **Duplexvent 90K SC** **(SAP APPENDIX Q – ELIGIBLE)**



For basic residential ventilation

DV 90 SC is a transformer-adjusted ventilation unit, equipped with a separate speed selection switch, suitable for flats, apartments, terraced houses and small family houses. The unit is also manufactured as a DV 90K SC wall mounted model equipped with a cooker hood.

Excellent heat recovery of more than 80%.
Extracts up to 306 m³/hr @ 50 Pa.



Duplexvent 130 E *All-round workhorse*

DV130 E is an easy-to-use ventilation unit, suitable for medium sized one-family houses and terraced houses as well as business premises and classrooms. The transformer-adjusted unit is equipped with a separate speed selection switch.

Heat recovery efficiency in excess of 60%.
Extracts up to 468 m³/hr @ 50 Pa.



Duplexvent 150 SE (SAP APPENDIX Q – ELIGIBLE)



High-tech specification

DV150 SE is a ventilation unit with state-of-the-art technology. The unit is controlled either automatically with an intelligent Duplexvent SED control system sensing carbon dioxide or humidity content, or electronically according to resident needs, e.g. with time clock control. The unit has energy-efficient dc fans. The unit can also be connected to remote monitoring.

Excellent heat recovery efficiency is more than 80%.
Extracts up to 432 m³/hr @ 100 Pa.



Duplexvent 150 SC (SAP APPENDIX Q – ELIGIBLE)



Standard solution for large dwellings

DV 150 SC is an easy-to-use and efficient ventilation unit for large family houses and dwellings. The transformer-adjusted unit is equipped with a separate speed selection switch.

Excellent heat recovery, exceeds 80%.
Extracts up to 432 m³/hr @ 100 Pa.



Duplexvent 180 SE

Powerhouse for a larger dwelling

DV180 SE has enough power for a large dwelling. The unit is controlled automatically with an intelligent Duplexvent SED control system. Sensor options include carbon dioxide or humidity content or electronically according to resident needs, e.g. with time clock control.

The unit is available with energy-efficient dc fans or as an ac model. The unit can be connected to remote monitoring.

Heat recovery efficiency exceeds 80%.
Extracts up to 738 m³/hr @ 100 Pa.



Duplexvent 280 SE

Intelligent solution for larger premises

The DV280 SE ventilation unit for large family houses and public premises. The unit is equipped with efficient energy-saving dc fans. The intelligent, digital Duplexvent Digit SED control centre simplifies the use of ventilation and facilitates planning, installation and maintenance.

The unit's heat recovery efficiency is more than 70%.
Extracts up to 1044 m³/hr @ 100 Pa.

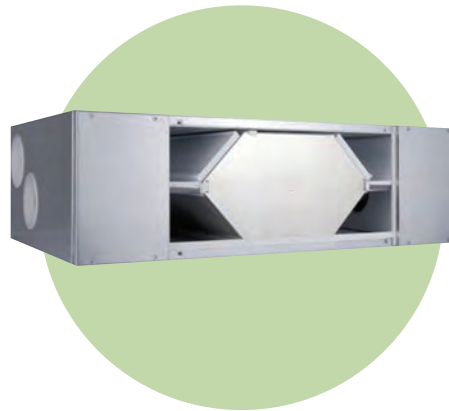


Duplexvent MULTI 50/80

Easy maintenance in rental blocks

Two popular units for social housing blocks of flats. The unit can be integrated into the structure of the dwelling, i.e. above the entry door and routine maintenance can be performed from the outside corridor without disturbing the resident.

Heat Recovery of more than 90%.
Extract up to 370 m³/hr @ 100 Pa.



Duplexvent X-Line Cooker Hood

Colour options of white or grey.

Duplexvent X-line cooker hoods are equipped with a fixed glass panel. Cooker hoods have easy-to-detach metallic grease filters, which can be easily washed. X-line units are equipped with a fluorescent lamp.

Power is adjusted with a 4-step speed selection switch.

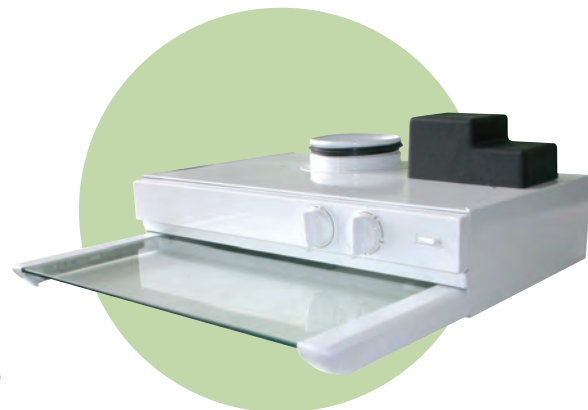


Duplexvent Slim-Line Cooker Hood

Colour options of white or grey.

Duplexvent Slim-line cooker hoods are equipped with a handy sliding glass panel. The hoods have detachable metallic grease filters, which can be washed easily. Duplexvent Slim-Line units are equipped with a fluorescent lamp.

Power is adjusted with a 4-step speed selection switch.





TE SERIES CONTROLS

Duplexvent Digit SED

Ideal indoor air quality is achieved by automatically adjusted ventilation. Duplexvent Digit SED is the brain of the automatically controlled Duplexvent TE Series ventilation units. It can monitor a variety of sensor inputs including indoor air humidity and carbon dioxide content and control the level of ventilation accordingly.

The benefits are that Indoor air stays healthy and fresh and that boost ventilation works only 'On Demand' resulting in highly energy efficient fan operation.

The ease of use of a Digit SED control centre is based on the logical menu structure. The intelligent control panel is equipped with a back lit LCD display that can be used to set the ventilation operating parameters required for each individual dwelling.

- Ergonomic design
- Easy to operate
- Time clock control
- Backlit display
- Sensor options
- Humidity
- CO²



FOUR SPEED SWITCH

An alternative to the digital control system is the manually operated 4 position speed control switch which allows 'On Demand' ventilation to be selected when required.

- Simple to install
- Manual selection of fan speed
- User friendly



DUPLEXVENT I L SERIES

A range of light weight in-line entry connection, mechanical ventilation units with Heat Recovery for residential and light commercial applications.

Duplexvent DV220/360/550

In-line connectivity and convenience

The Duplexvent range of DV220 (BP), DV360 (BP) and DV550 (BP) unit ventilators are designed for comfortable and healthy ventilation in both private and social residential dwellings such as low energy and passive family homes, flats and high rise apartments.

The unit incorporates a plastic counterflow heat recovery core, two centrifugal fans and supply and return air filters. Round or flat oval duct connections are available.

Minimal maintenance is required and filter replacement is simple through the hinged opening door. Optional manual speed humidity control.

Excellent heat recovery efficiency up to 90%.

Extracts up to 220/360/600 m³/hr.

Duplexvent DV230EC/360EC/500EC (SAP APPENDIX Q – ELIGIBLE)



The Duplexvent range of DV230 EC, DV330 EC and DV500 EC unit ventilators have electronically commutated motors to ensure constant airflow against changes in system resistance. Each unit has a plastic counterflow heat recovery core, two centrifugal fans with electronic EC control, supply and return air filters and an automatic built in bypass damper for summer cooling. Round or flat oval duct connections are available. Minimal maintenance is required and filter replacement is simple through the hinged opening door. Also now available with top entry connections.

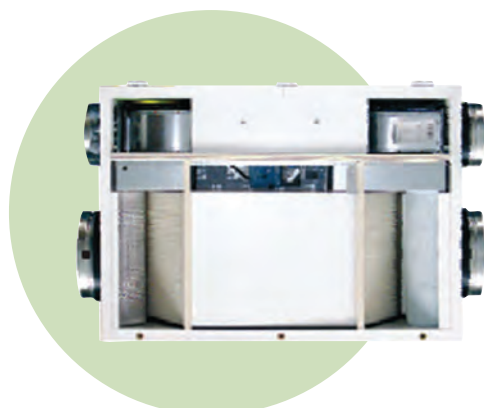
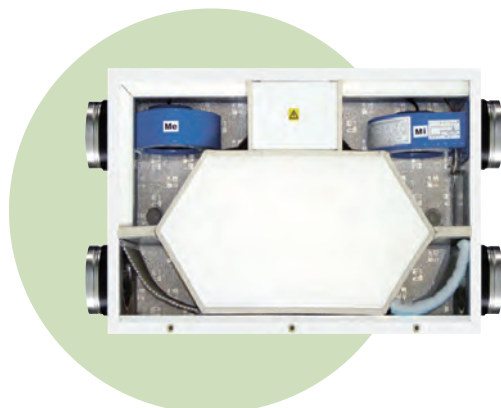
Excellent heat recovery efficiency up to 90%.

Extracts up to 230/360/530 m³/hr.

NEW – Top Entry Configuration Now Available Model DV230ECV/380ECV/DV540ECV

DV01 DIGITAL CONTROLLER

Digital controller for DV 230EC/360EC/500EC auto control models. The controller provides a simple to use wall mounted control with comfort settings of all the units air handling parameters. Equipped with an LCD for visual operation and alarm indication and a mode selector switch for setting off / manual / automatic control positions.



DUPLEXVENT – A COMPLETE SYSTEM

Mechanical ventilation units require good quality compatible ducting and a high standard of installation. It makes no sense to invest in future energy efficiency and indoor well being if the benefits are to be lost by leakage from a poor quality and badly fitted ductwork system.

DUPLEXVENT can be used with Airflow standard AIRFLEX 204 x 60mm plastic flat ducting. However to ensure the best results we recommend the innovative AIRFLEX PRO and AIRFLEX ISO insulated ducting system.

AIRFLEX PRO

A quick and easy to fit system of flexible pipe that can result in up to 70% time savings during the on-site installation process, compared to other duct methods. This innovative system uses low resistance, smooth bore tubing to individually connect each room to the heat recovery unit via an Air Distribution Box.

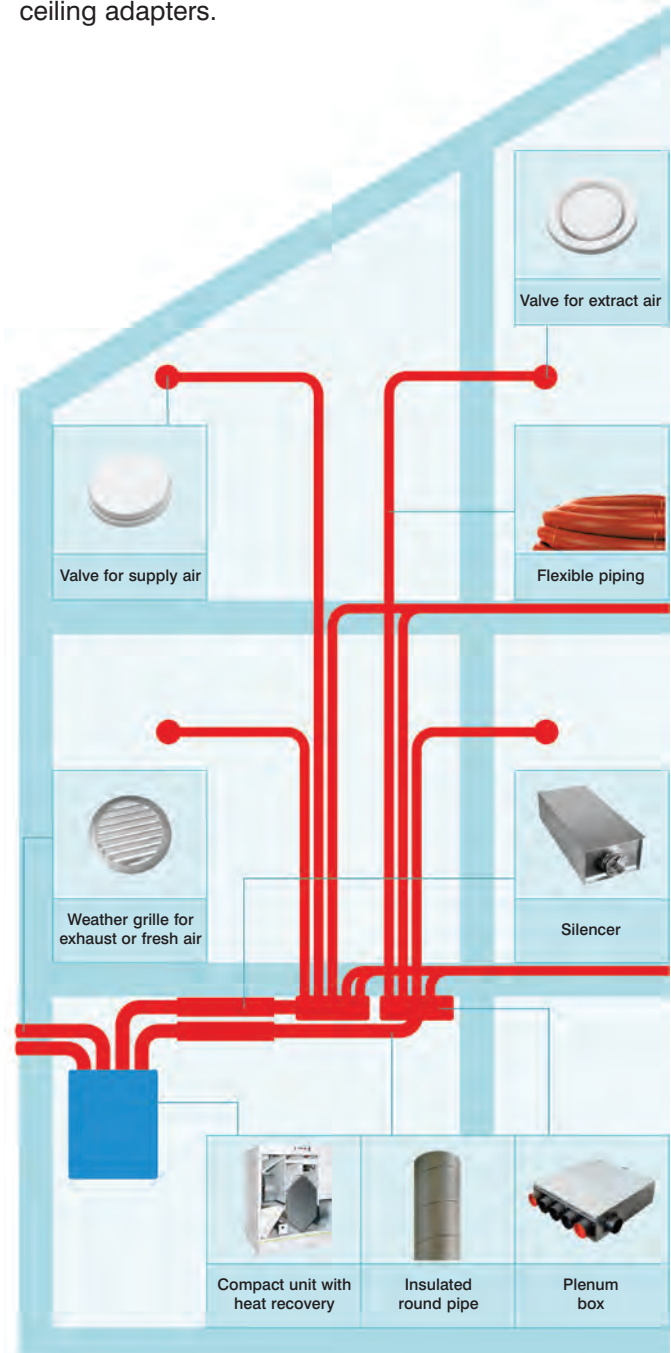
By directly connecting each inlet/outlet there is ZERO LEAKAGE, so no loss of valuable regained air.

Also the bore of the duct is coated with an anti-static coating ensuring hygienic conditions and with no dust traps it is easy to clean simply by purging with a high pressure vacuum cleaner.

By direct connection to the air distribution box noise transmission is greatly reduced compared to flat duct systems with numerous branches and tee joints. Requiring limited space Airflex Pro can be fitted in narrow joists or run in concrete screeds for a permanent installation that will never degrade.



Available in two bore sizes (75mm dia and 63mm dia) with a choice of air distribution boxes and termination ceiling adapters.



DUPLEXVENT – AIRFLEX PRO



- Zero leakage ensures performance
- Save up to 70% on installation time
- Flexible, tough and durable for on-site
- Smooth bore for hygiene and easy cleaning
- Very low noise transmission between rooms
- Highly efficient, connects each room individually
- Compact, suits narrow joists and or screeded floors
- Constant air distribution throughout



AIRFLEX ISO

A high performance alternative to spiral and lagged ducting with in-built thermal insulation. Ready insulated circular pipe produced from sound absorbing, vapour proof EPP-foam that is both durable and lightweight and easy to clean. With moulded sleeves and connectors it is fast and easy to install and eliminates the extensive need to lag ducts in areas where condensation may occur. Available in 125mm and 150mm diameter pipe with a selection of bends, wall and roof outlets that slot together with ease.



- Pre-insulated one-piece
- Quick and easy assembly
- Tough, durable, anti-static EPP
- Fire retardant to B2
- Avoids condensation build up
- Sound absorbing, smooth bore pipe
- Choice of components to suit any layout
- Compatible with Airflex Pro, Air Distribution Box

ACCESSORIES

In addition to a choice of compatible ducting systems a full range of air heaters, in-line silencers, floor, wall and ceiling inlet and outlet diffusers are available to complete the installation.

See web site for details

Replacement filter packs are also available via the web site.

SPECIFICATION CHECK LIST *(a few useful tips)*

Before you start – Questions that should be considered first

- Consider the requirements of the latest building regulations, approved document F, April 2006.*
- What level of Code for Sustainable Homes dwelling do you want to build to, for example, (Code level 4, 5 or 6)?
- Can you draw in fresh supply air passing through an undersoil heat exchanger (improved temperature efficiency)?
- How many rooms require extract ventilation (bathroom, toilet, utility, en-suite, kitchen etc)?
- How many rooms require supply ventilation (bedrooms, living rooms, dining room, study etc)?
- Where do you want the unit to be installed (basement, cupboard mounting or in the loft) or wall mounted with a cooker hood?
- Where to place the room air outlets / inlets (wall, ceiling or floor)?
- Which kind of outlets do you intend to use (linear or diffusion grilles)?
- How do you want the system to be operated (manual switching for boost speed or automatic humidity, Co2 etc control)?
- Who is in charge of future maintenance and service ie: filter changes, system cleaning (installer or proprietor)?

Where to set up the unit

- Where is the most convenient place to run your ducting from the unit ie; the basement, an airing cupboard or in the loft?
- With space in mind consider the most appropriate mounting (handing) of the unit. With a choice of in-line connection or top entry connection units it has to be decided whether you prefer the unit to be mounted on the floor or on the wall with a horizontal or vertical alignment.
- For flats and small houses don't forget the wall mounted kitchen units with cooker hood options.
- If using an undersoil heat exchanger the unit must be installed in the basement. Reserve enough space for the undersoil heat exchanger.
- Make sure you have an uninterrupted space in the garden for the intake pipe where you want the outside air to be taken in.

Commissioning

- Allow for adjusting individual room ventilation rates after installation.
- Optimal long term savings will be ensured by correct system balancing.

* Visit www.communities.gov.uk

Selecting the rooms

- Basically, air needs to be extracted from toilets and wet rooms such as bathrooms, en-suites, shower rooms, utility rooms and kitchens.
- Kitchens are a particular case to consider as it is possible to install a Heat Recovery unit with an integral Cooker Hood above the cooking area.
- Supply air is required for living spaces such as a lounge, dining room, bedrooms and hobby / study rooms.

Placing the air grilles

- Best results have been achieved by using wall or ceiling grilles. Floor grilles pose a certain amount of risk of injury and constrain the placement of furniture.
- Creating a pleasant room environment is dependent on the proper placement of the inlet / outlet grilles. Draught and air noise need to be avoided.
- Selecting the grilles.
Decide in advance whether you want the air flow to be adjustable or if a fixed (flow) grille is sufficient. Also consider the design of the grilles as they are the visible part of the system in the room. They are available in a white finish as standard. Aluminium is an option.

Control of the system (by the occupant)

- A very important aspect is to arrange for user-friendly controls. Have in mind also, occupants with limited technical knowledge should be able to operate the system.
- The controls offered with the DUPLEXVENT IL and TE series provide a good choice of functions with simplicity of operation.

TECHNICAL SPECIFICATIONS

DUPLEXVENT TE (TOP ENTRY) SERIES

Model	DV70 C	DV75EC	DV75	DV90 SC	DV90 SE	DV95
	DV70 KC		DV75 SILENT	DV90KSC		DV95 SILENT
Max extract air m3/hr	250	320	324 299 silent	349	349	414 385 silent
Extract air m3/hr @ Pascals	234@50 Pa ac	241@130 Pa ac	270@130 Pa ac 270@75 Pa ac silent	306@50 Pa dc	306@50 Pa ac/dc	342@130 Pa ac silent 342@75 Pa ac silent
Supply air m3/hr @ Pascals	201@50 Pa ac	223@90 Pa ac	234@90 Pa ac 234@60 Pa ac silent	259@50 Pa dc	248@50 Pa ac 259@50 Pa dc	342@75 Pa ac 306@50 Pa silent
Control	4 Speed switch	4 Speed switch	4 Speed switch	4 Speed switch	Digit SED	4 Speed switch
Fan Input (w)	20-160w ac	11-132w	24-176w ac 25-182w ac silent	20-200w dc	38-240w ac 20-200w dc	41-228w ac 42-221w ac silent
Heat Exchanger CR-Cross Flow CO-Counter Flow Heat Recovery	CR >65%	CR >60%	CR >60%	 CO >80%	 CO >80%	CR >60%
Summer by-pass	Manual	Manual	Manual	Manual	Automatic	Manual
Supply Air Filter	G3 + F7	G3 + F7 (optional)	G3 + F7	G3 + F7 (optional)	G3 + F7	G3 + F7
Extract Air Filter	G3	G3	G3	G3	G3	G3
Anti Frost	Standard	Standard	Standard	Standard	Standard	Standard
Pre-Heater	900w standard			900w Optional	900w standard	
After Heater	900w standard	500w standard	500w standard		900w standard	500w standard
Duct Connections x4	125mm Ø	125mm Ø	125mm Ø	125mm Ø	125mm Ø	125mm Ø
Overall Dims (approx) W x H x D mm	597 x 660 x 294 70C 597 x 770 x 294 70KC	564 x 530 x 403	564 x 530 x 403	595 x 668 x 345 SC 595 x 797 x 345 KSC	595 x 688 x 345	564 x 530 x 403
SAP APPENDIX Q ELIGIBLE		✓		✓	✓	

TECHNICAL SPECIFICATIONS

DUPLEXVENT IL (IN-LINE) SERIES

Model	DV220 (BP)	DV360 (BP)	DV550 (BP)	DV230 EC / ECV	DV330 EC	DV500 EC
Max extract air m3/hr	220	360	600	230	330	500
Max supply air	220	360	600	230	330	500
Control	Optional	Optional	Optional	Digital DV01	Digital DV01	Digital DV01
Fan Input (w)	30-80w ac	50-130w ac	60-200w ac	10-70w dc	10-100w dc	25-175w dc
Heat Exchanger CR-Cross Flow CO-Counter Flow Heat Recovery	 CO >90%	 CO >90%	 CO >90%	 CO >90%	 CO >90%	 CO >90%
Summer by-pass	Manual – (BP Unit)	Manual – (BP Unit)	Manual	Automatic	Automatic	Automatic
Supply Air Filter	G4	G4	G4	G4 + F7 Optional	G4 + F7 Optional	G4 + F7 Optional
Extract Air Filter	G4	G4	G4	G4	G4	G4
Anti Frost	Standard	Standard	Standard	Standard	Standard	Standard
Pre-Heater	Optional	Optional	Optional	Optional	Optional	Optional
After Heater	Optional	Optional	Optional	Optional	Optional	Optional
Duct Connections x4	125mm Ø	160mm oval	200mm Ø	125mm oval	160mm oval	200mm Ø
Overall Dims (approx) W x H x D mm	755 x 472 x 295	755 x 472 x 399				
BP Units	750 x 530 x 360	750 x 530 x 530	830 x 735 x 360	750 x 530 x 360	750 x 530 x 360	830 x 735 x 360
SAP-APPENDIX Q ELIGIBLE				✓		

TECHNICAL SPECIFICATIONS DUPLEXVENT TE (TOP ENTRY) SERIES

DUPLEXVENT™

Model	DV130 E	DV150 SC	DV150 SE	DV180 SE	DV280 SE
Max extract air m3/hr	479	540	540		
extract air m3/hr	468@50 Pa ac	432@100 Pa dc	432@100 Pa dc	738@100 Pa ac 648@100 Pa dc	1044@100Pa dc
supply air m3/hr	396@50 Pa ac	388@100 Pa dc	388@100 Pa dc	666@100 Pa ac 594@100 Pa dc	864@100 Pa dc
Control	4 Speed switch	4 Speed switch	Digit SED	Digit SED	Digit SED
Fan Input (w)	105w 25-185w ac 180w 43-240w ac	30-280w dc	30-280w dc	130-470w ac 40-420w dc	150-830w dc
Heat Exchanger CR-Cross Flow CO-Counter Flow Heat Recovery	CR >60%	CO >80%	CO >80%	CO >80%	CR >70%
Summer by-pass	Manual	Manual	Automatic	Automatic	Automatic
Supply Air Filter	G3 + F7	G3 + F7 (optional)	G3 + F7	G3 + F7	G3 + F7
Extract Air Filter	G3	G3	G3	G3	G3
Anti Frost	Standard			Standard	Standard
Pre-Heater	Optional	1000w optional	1000w standard	1000w optional	2500w optional
After Heater	1000w standard		1000w standard		2500w optional
Duct Connections x4	160mm Ø	200mm Ø	200mm Ø	200mm Ø	250mm Ø
Overall Dims (approx) W x H x D mm	598 x 565 x 560	748 x 922 x 644	748 x 922 x 644	900 x 1130 x 720	1100 x 1370 x 665
SAP APPENDIX Q ELIGIBLE		✓	✓		

Handy Conversion: 3.6 m3/hr = 1 litre/sec

AIRFLOW™

AIRFLOW
eco 
air
RANGE

Maintenance and Service

- Many systems fail to run properly because of inadequate maintenance
- The AIRFLEX PRO system is perfect for avoiding the build up of dust and airborne particulates which can be damaging to human health
- Filters e.g. should be checked and washed every six months and replaced at least one per year
- *Remember, a properly maintained system is a healthy system and results in a healthy environment*

Quality and Certification

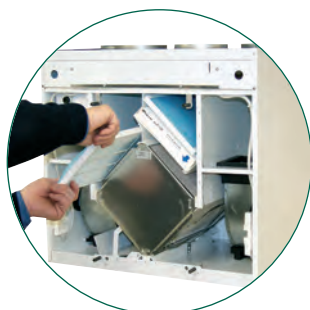
All Duplexvent heat recovery units are designed and manufactured to the highest standards. Thermally insulated with double skin casings for optimum thermal retention they are well proven with many thousands installed across Europe.

All units carry a two year warranty, supplied with pressure and performance test certification and meet the requirements of the latest Building Regulations approved document F, April 2006. Additionally for specifiers designing dwellings to the Code for Sustainable Homes and SAP requirements, indicated units have been tested by BRE as SAP Appendix Q Eligible.



Technical Support

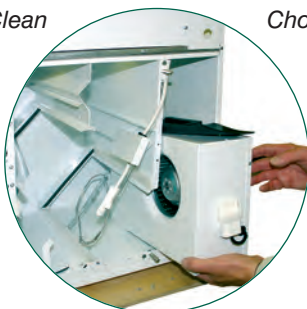
Specification and system design service available.



Easy to Clean



Choice of Filters



Modular Design



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