

Energysaver™ Dryair Compact Positive Pressure System



Loft unit

Our Energysaver™ Dryair positive pressure systems are simple to install and inexpensive to run. Two versions are available; one for loft installation and one for flats. Both come with preheat options.

Fresh, dry, filtered air at ambient temperature is introduced continuously into the property - diluting and displacing stale, moist air and reducing condensation.

The Dryair Compact is also beneficial in repelling the natural seepage of radon in those parts of the country where levels are thought to be a problem.

Design includes a digital motor with a pressure sensor that triggers an LED alert should the filter become blocked. An innovative 'Feedback' control ensures the system continues to operate at 100% efficiency until the filter becomes 70% clogged.

Special Features

Motor

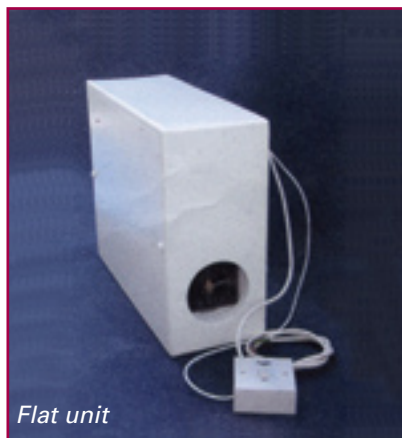
- Energy efficient – consumes as low as 6 watts
- Electronic feedback to the motor ensures constant flow rate
- DC motor for quiet operation
- Diffusers designed to minimise draughts
- Optional pre heat facility on house versions – standard on flat model
- Four air volume speed settings
- Air temperature cut out when incoming air temperature exceeds 25°C
- Blocked filter indication light

Installation

- Designed to be hung from rafters in the loft

General

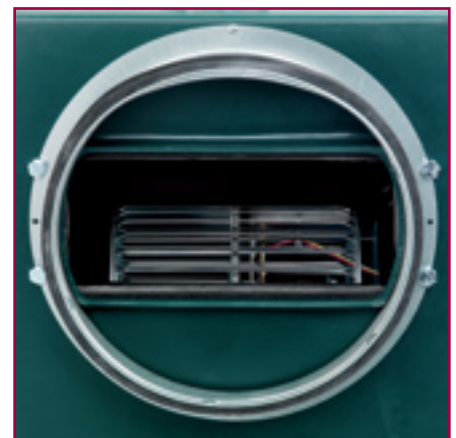
- Robust construction
- Solid state electronics with high efficiency switching power supply
- Pre heat can be manually selected
- Electronic controller automatically monitors temperature of introduced air and activates pre heat to maintain comfort levels. If the heater switch is enabled by the tenant the heater will switch on when the air temperature falls below 12°C
- Extra large filter area (approx 5800 cm²)



Flat unit

Benefits

- Very quiet
- 5 year guarantee
- Lower energy costs for tenant in keeping with Government Directive regarding energy efficient appliances in Social Housing
- Helps to alleviate condensation
- Reduces radon
- Low maintenance
- Special large capacity filter
- BRE Digest 390 compliant
- System operates at 100% efficiency even if the filter becomes 70% blocked



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Construction

Housings are manufactured from rotationally moulded flame retardant polymer and come with a lifetime warranty.

Filter

Large capacity, non woven type processed to labyrinth structure ensuring good air distribution. The synthetic fibres are resistant to moisture, fungi, bacteria and frost. Model VNF250. Heat resistance <100°C. Flammability – self extinguishing to DIN 53438 F1.

Motor

Supply Volume:

Speed	Setting	Loft		Flat	
		Air flow Litres/sec.	Wattage	Air flow Litres/sec.	Wattage
Trickle	1	36	18	7.5	6
Medium	2	42	24	9.5	8
High	3	48	30	13	9
Boost	4	63	36	17	11
dB(A)		32	32		

Installation

The loft unit is fitted in the roof void and ducted via an air diffuser, normally mounted in the ceiling above a stairwell. All units are fitted with a pre heat facility and the heater control switch is sited on the landing wall at a convenient height to enable the user to switch the heater on or off. Also, the fan speed control is set from this position.

The flat unit is generally fitted on a convenient wall as close to the air intake point as possible. Ideally this should be within a hall cupboard where access to an external wall and ambient air is possible. Supply ducting is run to an outlet air grille normally located in the hallway so that air is delivered to a central point within the dwelling.

SPECIFICATION KEY FACTS

- Energysaver unit
- 5 year guarantee as standard
- Integral low wattage heater

FAN DIMENSIONS

	Loft	Flat
Unit casing (mm)	342 x 315 x 280	500 x 370 x 180
Unit diffuser ceiling hole diameter (mm)	200	
Intake & Outlet (mm)		107
Supply ducting (mm)		100

ELECTRICAL VOLTAGE

220/240v AC

ORDER CODE

DPPS/L	Loft unit
DPPS/F	Flat unit

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