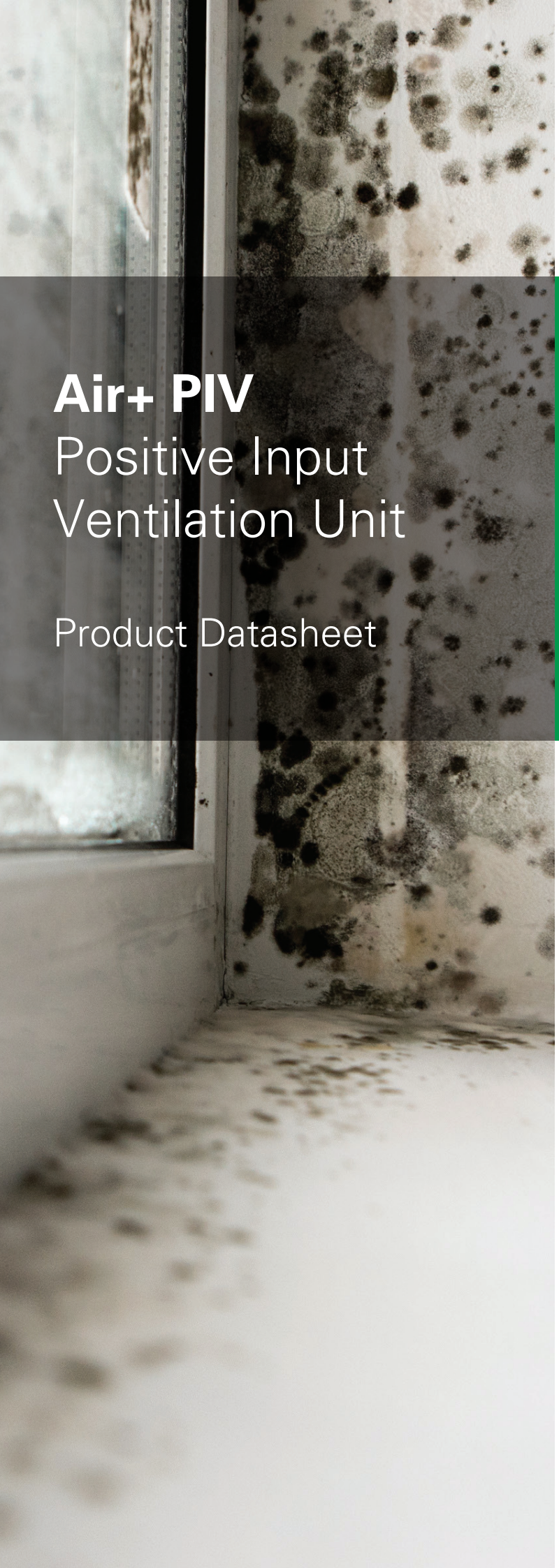


AIRTECH

Condensation, Mould & Radon Specialists

Air+ PIV
Positive Input Ventilation Unit

Product Datasheet

- Low wattage unit
- 5 year guarantee as standard
- Energy efficient preheater (heater model only)
- Fully configurable air flow
- Quick and easy installation
- Precision engineered, near silent diffuser
- In built data logger

Some parts of this product are made using recycled material therefore the colour of the plastic may vary from white to black.

Order Code	
AIR+PIV/L-B	PIV unit without heater
AIR+PIV/L	PIV unit with heater
475664	Fire damper diffuser - Fire rated to 1 hour
477891	Spare G4 Filter
477957	Spare F7 Filter

Benefits

- Very quiet
- 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

An easy fix anti-vibration hanging kit supplied as standard. Integral dynamic controls allow for bespoke installation setup as well as data recall showing running conditions and unit performance.

Air+PIV/L is supplied with an energy efficient preheater to temper incoming air, increasing input air temperature by up to four degrees vs other traditional PIVs available (heater model only).

High grade G4 or F7 filters offer industry leading levels of filtration. Filter efficiency is also displayed via the front display.

The new low profile diffuser (which will always be supplied using white plastic) with sound cancelling technology can be cleaned easily and directs air away from fire alarms and walls. The unit can be programmed for either condensation and mould control or radon control.

Special Features

- Energy efficient – consumes as low as 3.1 Watts
- Electronic feedback to the motor ensures constant flow rate
- DC motor for quiet operation
- Diffuser designed to minimise draughts
- Adjustable heater operational point between 5-20°C (heater model only)
- Can be fitted to the loft rafters using the easy fix anti-vibration hanging kit
- In built data logger

General

- Robust construction
- Solid state electronics with high efficiency switching power supply
- Electronic controller automatically monitors temperature of introduced air and activates pre heat to maintain comfort levels.
- Long life large filtration (over 5m²)
- 5 year guarantee
- Displays filter efficiency via display

Construction

Air+ PIV is tested to BS-EN 60335-1 and comes with a lifetime warranty on product housing. Product compliant with EMC, ROHS & WEEE Regulations.

Filter

Rating performance	10 micron	5 micron	1 micron	0.5 micron	0.1 - 0.3 micron
G4	98%	92%	58%	35%	5%
F7	99.9%	99%	88%	72%	55%

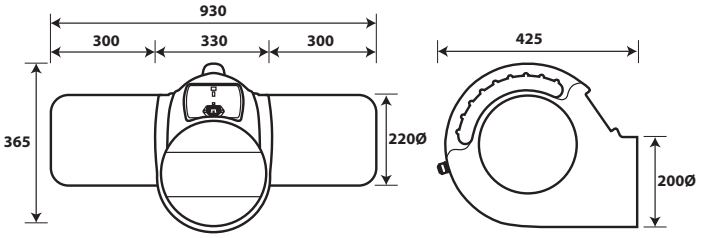
Product Performance (Supply Volume)

	Trickle		Energy Recovery	
Bedrooms	l/s	W	l/s	W
1	19	3.1	29	5.1
2	25	4.3	37	7.6
3	31	6.0	46	12.0
4	37	8.0	49	13.1

Installation

Fitted in the roof void and ducted via a circular air diffuser mounted in the ceiling above a stairwell. The preheater facility on AIR+PIV/L can be manually changed to between 5 to 20°c to suit the residents' requirements.

Dimensions



Unit casing (mm)	Unit diffuser ceiling hole diameter (mm)
365 x 446 x 309 (HxDxW)	200

Electrical voltage

220/240V AC

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5 YEAR PRODUCT 5 GUARANTEE