

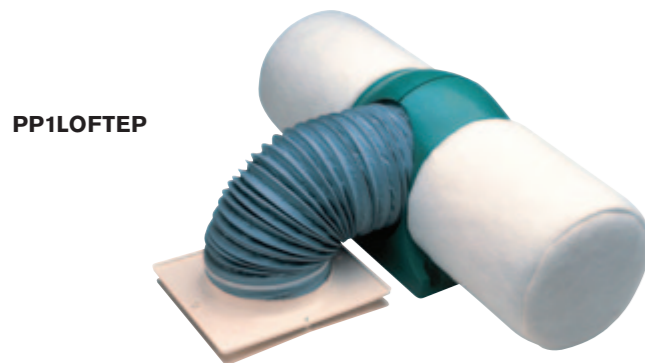
PP1LOFT EP/H

Positive Pressure Unit – Energy Plus or Heater model

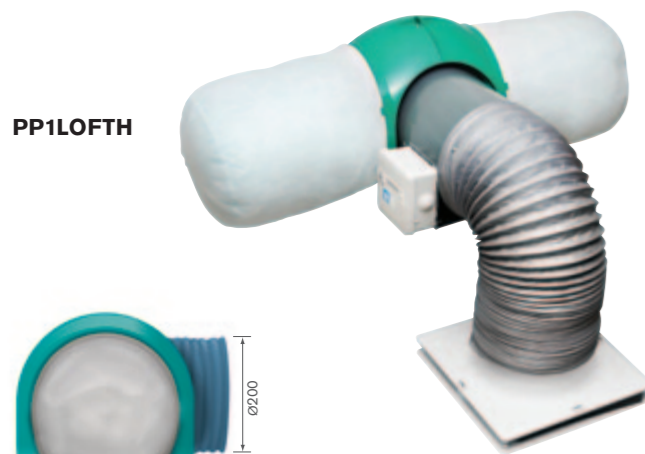
Physical specification

All measurements in millimetres

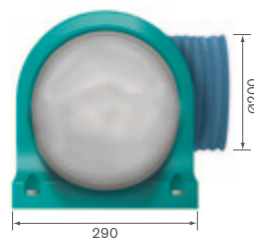
Weight: PP1LOFTH 7.7kg
PP1LOFTEP 5.7kg



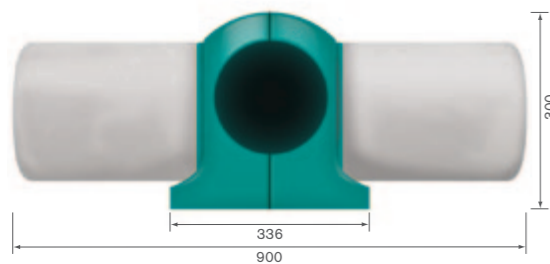
PP1LOFTEP



PP1LOFTH



Side



Front

Features and benefits

Discreet ventilation unit installed out of sight in loft – no nuisance running noise in the home.

Low running costs for occupiers – as low as 0.16W/l/s performance.

Ideal for properties with consistent problems with mould and condensation in relation to Environmental Protection Act 1990 (section 82).

Utilises free solar energy generated from natural solar gain in the loft – once activated airflow is boosted helping reduce draughts and temper ventilation air effectively.

Energy Plus model (PP1LOFTEP) offers SMARTer use of solar energy by boosting airflow whenever loft temperature exceeds that of the dwelling.

Integral heater model (PP1LOFTH) ensures all round comfort, especially beneficial in coldest months to further pre-heat the fresh filtered air entering the property.

Grade G4 Filter for fresh filtered air and provision of good indoor air quality – largest filter surface areas offer 5 year replacement cycle.

Simple to install and very low ongoing maintenance.

Centrally mounted ceiling diffuser for discreet installed aesthetics.

5 programmable temperatures and 6 air volume controls for complete flexibility.

Can be used for Radon Control where required.

Free solar energy

Homeowners and occupiers could benefit from reducing their heating thermostat thanks to the automatic use of free solar energy in the loft!

How does it work?

Taking advantage of low grade solar gain which naturally occurs in lofts, the unit automatically boosts the airflow into the property when the solar mode activation temperature point is sensed (adjustable). This provides tempered ventilation air and can mean occupiers turn down their heating thermostat – saving energy and saving money! Occupiers are unlikely to even feel the difference – and the more the setting is lowered, the more money and energy you can save!



In-home sensor (PP1LOFTEP)

To utilise the tempered ventilation air more effectively within the property, the in-home sensor activates the boost speed whenever the loft temperature exceeds that of the dwelling.

Did you know...

Product fact

PIV can be used for radon control which is a colourless and odourless radioactive gas present in rocks and soil in the UK – check out your geographical location for local radon levels.

Energy saving fact

Run your dishwasher on its economy setting with a full load – it can use less water than washing dishes by hand*.

5 YEAR GUARANTEE
AND FILTER REPLACEMENT CYCLE

CE MARKED

Cost comparison

A 2400W tumble dryer costs £74.88 per year to run based on 5 hours usage a week. This is equivalent to running

34 PP1LOFT units

per annum based on usage October – May.

Models and control options

Model	Control operation
PP1LOFTEP	PIV Loft unit with variable airflow settings, in-home remote sensor for energy plus boost activation mode
PP1LOFTH	PIV Loft unit with variable airflow settings and temperature activation points (for boost) and integral heater

Performance

PP1LOFT has 6 Airflow Settings to enable installed performance to be set correctly for dwelling size;

Loft temperature (°C)	Fan speed setting	Airflow (ls-1)	Power (W)
>19	1	10	2.6
	2	20	2.9
	3	30	3.6
	4	40	4.9
	5	50	7.5
	6	60	10.4
19 to 23	1	30	3.6
	2	35	4.2
	3	42	5.2
	4	52	7.5
	5	62	11.2
	6	70	15.3
>23	1	0	1.6
	2	0	1.6
	3	0	1.6
	4	0	1.6
	5	0	1.6
	6	0	1.6

Default setting at fan speed 3

Temperature settings

The PP1LOFT unit has five temperature setting options which control the activation points for the unit to operate between standard, boost and stand-by modes;

Normal Running Mode can be adjusted between 16–19°C

Boost Mode (Solar Gain) can be adjusted between 18–31°C

Stand By Mode can be adjusted between 23–30°C

Integral heater

This PP1LOFTH Heat model enables a higher level of comfort for occupiers. An integral heater is activated once the loft temperature falls below a pre-determined point – which is factory set at 10°C and is adjustable up between 2–20°C. This helps maintain a comfortable temperature whilst eliminating problems and complaints associated with draughts, especially in very cold winter months. The heater also helps further reduce heating requirements in the property as warmer air is distributed around the property.

Ancillaries

PP1AVMOUNT Optional mounting kit for joist installation (recommended method is suspension in loft – PP1AVMOUNT is supplied as standard with heater model)

PP1SWITCH Optional 2 position boost switch for occupants

PP1FIL Replacement filters for PP1LOFT unit Grade G4

Installation

Wiring: Must comply with IEE Regulations

Cable: Supplied with a pre-wired power supply

Fuse: 1 amp – PP1LOFTEP
3 amp – PP1LOFTH

Exhaust: Ø 100mm

Electrical specification: 240V 1ph 50Hz

Consumption: 2.6W (min)
15.3W (max)