

PP1LOFT EP/H

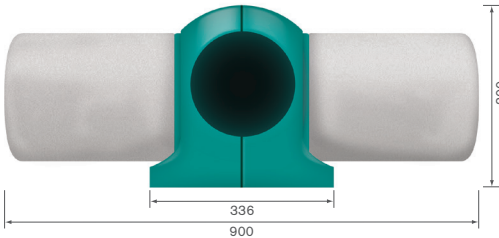
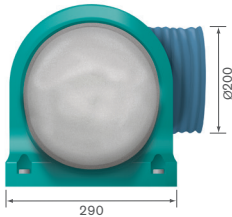
Positive Pressure Unit – Energy Plus or Heater model

Physical specification

Weight: PP1LOFTH - 7.7kg
PP1LOFTEP - 5.7kg

Dimensions

All measurements in millimetres unless otherwise indicated



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.

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 0.16 w/l/s performance
- Ideal for properties with consistent problems with mould and condensation
- **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 the 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
- Five programmable temperatures and six air volume controls for complete flexibility
- Can be used for Radon control where required

Free solar energy

Homeowners and tenants 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 occupants turn down their heating thermostat – saving energy and saving money!

PP1LOFTEP



PP1LOFTH



Control options

Model	Control operations
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, PP1AVMOUNT supplied as standard

Performance

PP1LOFT has six airflow settings to enable installed performance to be set correctly for dwelling size;

Loft temperature (°C)	Fan speed setting	Airflow (l/s)	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 standby modes;

Normal running mode can be adjusted between 16–19°C

Boost mode (solar gain) can be adjusted between 18–31°C

Standby mode can be adjusted between 23–30°C

Integral heater

This PP1LOFTH Heater 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 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.

Installation

Wiring:

Must comply with IEE Regulations

Fuse:

1 amp – PP1LOFTEP
3 amp – PP1LOFTH

Electrical specification:

230V 1ph 50Hz

Cable:

Supplied with a pre-wired power supply

Consumption:

2.6W (min)
15.3W (max)

Room terminal:

Ø 200mm

Product codes

Product code

PP1LOFTEP

PP1LOFTH

Ancillaries for PP1LOFTEP/H

PP1AVMOUNT (page 184)
PP1SWITCH (page 184)
PP1FIL (page 194)