

LOFT MOUNTED | WHOLE HOUSE POSITIVE INPUT VENTILATION UNIT



PRODUCT

Whole house positive input ventilation system for dwellings with a loft space.

APPLICATIONS

The whole house PIV Loft Mounted unit shall be manufactured in the UK and installed in dwellings with a loft space to meet local Building Regulations.

SERVICING / MAINTENANCE

Newlec recommend that filters are checked regularly and replaced as required. Areas with high particulate matter for example industrial areas, or higher-grade filters will become clogged quicker and will need replacing more frequently. Spare and replacement filters must be genuine parts.

PERFORMANCE & SOUND LEVELS AS INSTALLED

Incoming Air Temp. (°C)	Fan Speed Setting	Specific Fan Power (SFP)	Airflow (l/s)	Power Usage (W) (4)	Outlet Noise dB(A) @3m
<19 (1) (2)	Trickle	0.17	21	4	<15
	Medium	0.15	29	4	<15
	Large	0.16	38	6	<15
	Boost	0.19	49	9	15

1. Above 19°C the unit increases airflow rates per setting by 10%.
2. The unit switches to Summer Mode at air temperatures at or above 25°C.
3. Power usage with Comfort Heater disabled.

INSTALLATION

A full installation guide can be provided or sent separately in advance - if required. For 3 floor properties or properties above 4.5m this unit should be fitted with a steel diffuser (contact Newlec for specific fire diffuser codes).

CONSTRUCTION

Durable ABS plastic body.

OPTIONAL INTEGRAL INTELLIGENT COMFORT HEATER

During cold periods, the NL-PIVH is capable of maintaining the incoming air temperature consistently at 10°C. The integral heater element is manufactured in a solid tubular sheath material.

MOTOR

Incorporates the Ultra Low Watt DC motor technology with sealed for life ball bearings designed to operate continuously at a pre-set 'background' rate.

FAN

Is a 140 x 220mm centre mounted forward curved centrifugal fan.

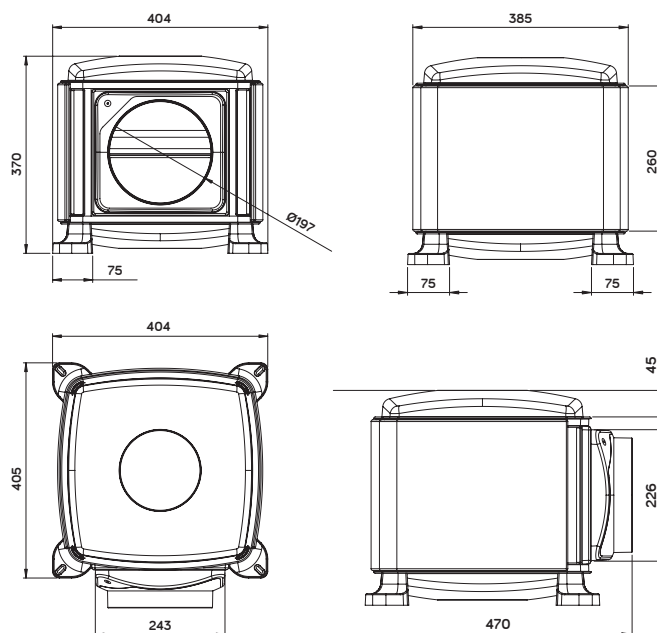
FILTER

These units come as standard with a G4 ISO coarse 65% wrap around filter in accordance with EN779 standard ratings. The filter should conform to all European Union and US fire classification standards (eg DIN 53438-F1 and UL900-class 2) and be self-extinguishing. Higher filtration is available if required.

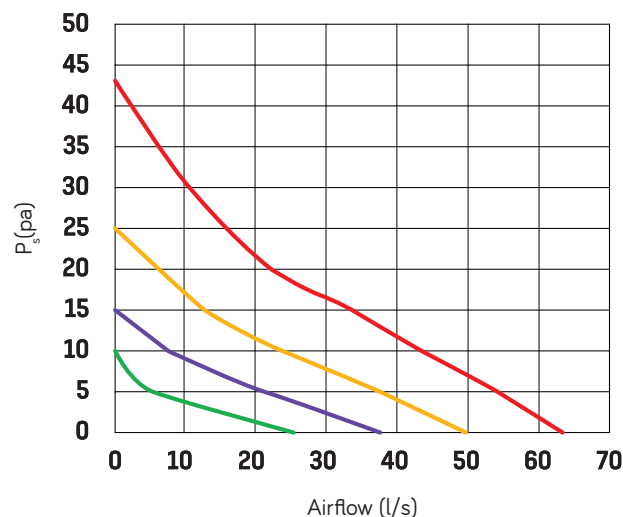
WARRANTY

The NL-PIVH units are covered by a parts only 3-year warranty.

DIMENSIONS (MM)



PERFORMANCE CURVE AT FREE AIR



Key



Performance curve results are measured at free air, based on the unit running below 19°C and exclude ancillaries