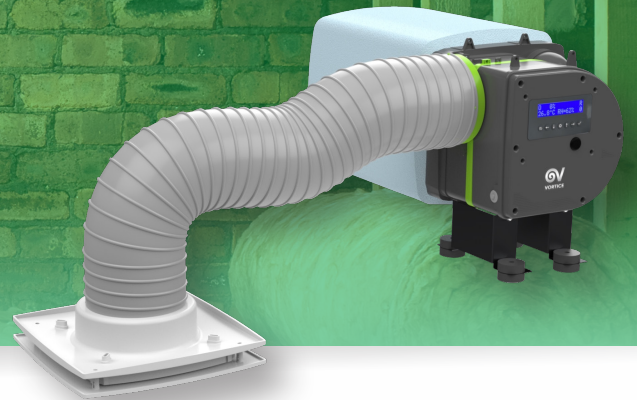


# VORT PIV LOFT

## POSITIVE INPUT VENTILATION SYSTEM



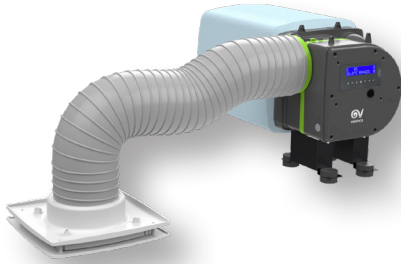
Introducing the Vort PIV Loft range of Positive Input Ventilation (PIV) Systems - your solution for ultra-quiet, energy efficient, and low maintenance whole home ventilation.

### FEATURES

- **Whole Home System:** Suitable for properties with loft spaces
- **Reliable:** Enjoy peace of mind with a 7 year warranty
- **Attractive Diffuser:** Seamlessly blending in with any ceiling
- **Energy Efficient:** Low energy motor with minimal power consumption
- **Low Maintenance:** G4 filter as standard
- **Controllability:** Commission the system for home and occupants
- **RF Version Available:** Wall mounted boost switch to encourage user interaction



## VORT PIV LOFT



### APPLICATION

- The Vort PIV Loft range of Positive Input Ventilation are cutting edge ventilation systems, designed to be installed in loft spaces with a central diffuser positioned in a hallway. PIV principle is a trusted method for ventilating homes, preventing and remedying condensation and mould related issues. PIV systems have become a staple in home ventilation.

### OPERATION

- The Vort PIV Loft functions by drawing external air into the system and through a high grade filter before being delivered into the home. Prior to passing through the integral filter, the incoming air experiences a temperature increase, leveraging the loft's typical 3°C higher temperature compared to the outside air, particularly in winter months. This energy gain significantly exceeds the energy consumption of the unit's motor. The tempered, filtered air is then distributed centrally throughout the home via the unit's outlet duct and ceiling diffuser. There is an optional electric heater available (code 20359).

### FEATURES AND BENEFITS

- **7 Year Warranty:** Enjoy peace of mind with a 7 year warranty, ensuring the longevity and reliability.
- **Attractive Diffuser:** The system features an appealing white supply air diffuser, seamlessly blending with any ceiling.
- **Energy Efficient Operation:** Equipped with a low-energy ultra-quiet fan/motor assembly, the system ensures optimal ventilation with minimal power consumption.
- **Data Logging as Standard:** The unit includes a run monitor that records the time power is supplied to the unit, offering valuable insights into its operational history.
- **Low Maintenance:** Benefits from a G4 grade filter, designed for low maintenance and efficient air filtration.
- **Highly Controllable:** Multi-functional controls providing a wide range of airflow and temperature options. Commission the system to suit the unique requirements of the home and its occupants.



## FEATURES AND BENEFITS CONTINUED

- **Installer Lock Off Feature:** Prevent unwanted tampering with the system through the installer lock-off feature, ensuring system integrity.
- **RF Wireless Boost Option:** Improve ventilation and encourage user interaction with the easy to install, wall-mounted wireless boost switch.
- **Heater Option:** Enhance comfort during cold weather by retrofitting the optional heater, allowing you to customise the delivered air temperature for an improved living environment.
- **Automatic Heat Recovery Mode:** Experience enhanced home comfort and reduced heating costs with the automatic heat recovery mode, increasing airflow when the loft is warm.
- **Automatic Stand-by Mode:** During hot summer days, the system automatically enters standby mode to prevent unnecessary introduction of warm air, optimising energy efficiency.
- **Radon Settings Available**

## INSTALLATION

The Vort PIV Loft whole home systems improve indoor air quality and help resolve condensation and mould problems. The Vort PIV Loft is designed to be installed in homes with a loft space and can be suspended directly to the floor/joists. The product is supplied as standard with a suspension kit. Optional feet are available (see accessories section - bracket kit)

## TESTING AND CERTIFICATION

Units are tested to ensure accurate, up to date information on electrical safety, performance and noise level that can be relied upon. Designed and manufactured in accordance with EN60335-2-80 (Low Voltage Directive) and the EMC Directive (Electromagnetic Compatibility).

## PRODUCT RANGE AND CODES

| PRODUCT                                  | CODE  |
|------------------------------------------|-------|
| VORT PIV LOFT                            | 10919 |
| VORT PIV LOFT RF (WIRELESS BOOST OPTION) | 10929 |

| ACCESSORIES                  | CODE  |
|------------------------------|-------|
| FIXED BRACKET KIT            | 20695 |
| ADJUSTABLE BRACKET KIT       | 20460 |
| ELECTRIC HEATER 500 W        | 20359 |
| VORT PIV LOFT G4 - F7 FILTER | 20371 |

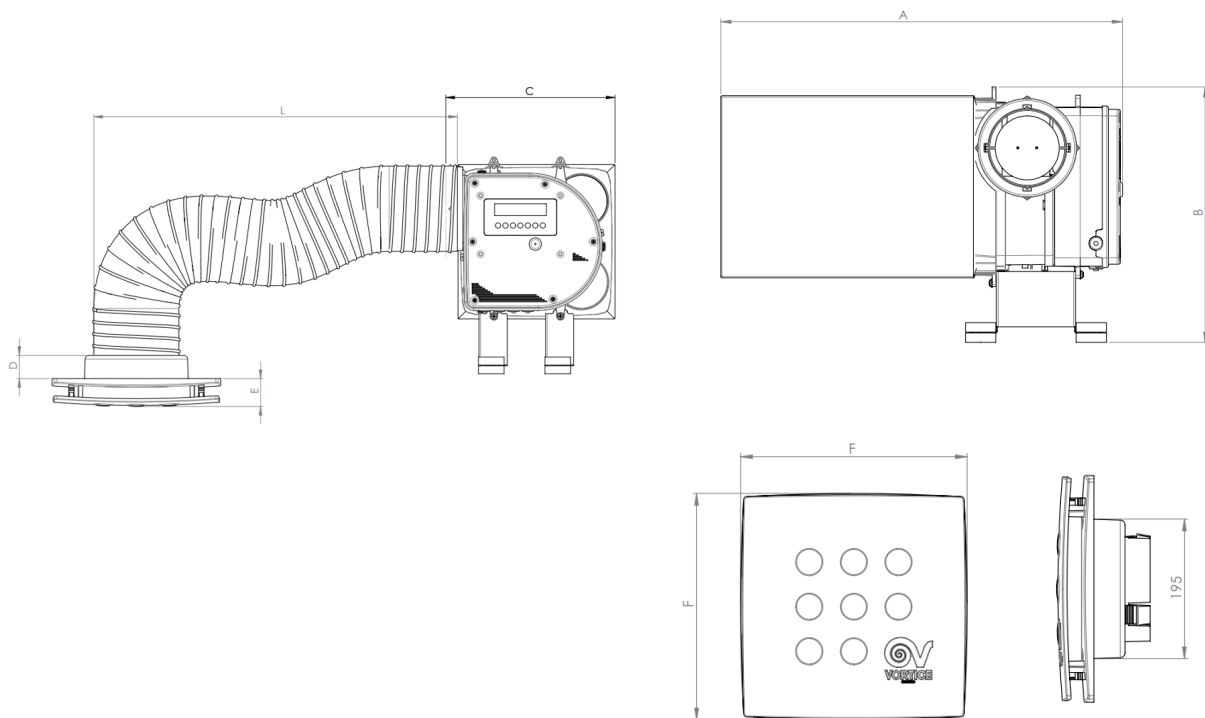
**RESIDENTIAL VENTILATION**  
WHOLE HOME VENTILATION SYSTEMS

## PERFORMANCE

| SETTING | NORMAL SPEED<br>AIRFLOW<br>(L/S) * | BOOST<br>SPEED<br>AIRFLOW<br>(L/S)* | NORMAL<br>SPEED<br>AIRFLOW<br>(M³/H)* | BOOST<br>SPEED<br>AIRFLOW<br>(M³/H)* | ABSORBED<br>POWER<br>(W) |
|---------|------------------------------------|-------------------------------------|---------------------------------------|--------------------------------------|--------------------------|
| 1       | 13                                 | 25                                  | 46.8                                  | 90                                   | 2.9                      |
| 2       | 19                                 | 33                                  | 68.4                                  | 118.8                                | 3.9                      |
| 3       | 25                                 | 42                                  | 90                                    | 151.2                                | 5.1                      |
| 4       | 31                                 | 50                                  | 111.6                                 | 180                                  | 6.7                      |
| 5       | 37                                 | 58                                  | 133.2                                 | 208.8                                | 8.8                      |
| 6       | 43                                 | 70                                  | 154.8                                 | 252                                  | 10.5                     |
| 7       | 49                                 | 74                                  | 176.4                                 | 266.4                                | 12.8                     |

\* Normal speed values can be modified in 1/l/s intervals

## DIMENSIONS



| PRODUCT       | A   | B   | C   | D  | E  | F   | L    | OPENING Ø | WEIGHT<br>(KG) |
|---------------|-----|-----|-----|----|----|-----|------|-----------|----------------|
| VORT PIV LOFT | 631 | 407 | 326 | 44 | 53 | 317 | 3000 | 200       | 6.3            |

Dimensions in mm