



# Volante v6C

## Fragrance Diffusion Device

Rev 4 - 28/04/2023

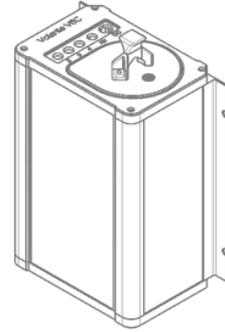
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### Description

Volante v6C is the sixth-generation fragrance diffusion device from Viveur.

Utilising our purpose-built technology, we distribute the fragrances from Master Perfumer Lorenzo Dante Ferro into the atmosphere.

Volante V6C offers an exclusive sensory experience, making your environment truly memorable.



### Features

Variable speed distribution pumps offer accurate control of fragrance intensity

Air pressure diffusion technology preserves the integrity of the fragrance

Built to be concealed in plant spaces, to avoid any aesthetic impact on interiors

Powerful distribution allows long distances between equipment and interiors

Wireless mesh control technology for easy setup, autonomous operation, zero control cabling requirements, and flexible grouping for large spaces.

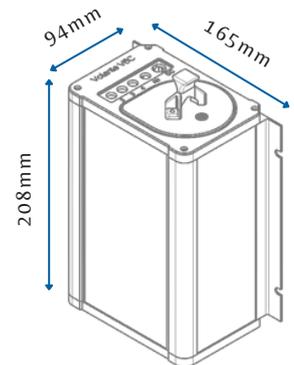
Easy to retrofit in existing interiors

Easy-change removable cartridge system, reducing maintenance time

### Technical Specification

Power Consumption	5W at 12v, via 230v transformer provided
Weight	800g including full fragrance cartridge
Colour	Matt Black
Protection Class	IP20
Control Method	Customised wireless mesh system, commissioned via app. Sensors, automation and timing devices available via commissioning. Interface with DMX and other systems available.
External Wiring Connections	Airflow proof switch via. 3.5mm jack plug, 12v power via 2.1mm barrel jack
Mounting arrangements	Device is provided with rubber feet on base, or brackets with screw slots for wall-mounting

Allow 200mm of space above device for cartridge removal



Order Code: Volante v6C

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## Installation Kit - Air Side Components

Volante v6C uses pneumatic hoses and associated push fittings according to BS5409 to distribute fragrances into associated ventilation systems.

Each machine is provided with an appropriate selection of parts for the application.

## Components

### Volante Cartridge Connection



Connector provided as standard with all Volante fragrance cartridges.

Type: Push Fit  
Diameter: 10mm  
Temperature Range: 0°C to +60°C  
Pressure: 0-10 bar

### Nylon Hose



Kit of parts provided for installation with each machine includes a hose.

Outside Diameter: 10mm  
Inside Diameter: 8mm  
Bend radius: 100mm  
Temperature Range: -20°C to +70°C  
Rated Pressure: 250psi

### RA Bend



Connector provided for any sharp bends, that cannot be achieved with the hose bend radius. Minimise in favour of hose.

Type: Push Fit  
Diameter: 10mm  
Temperature Range: 0°C to +60°C  
Pressure: 0-10 bar

### Straight Connector



Connector provided for extension hoses, or to connect to the pitot tube.

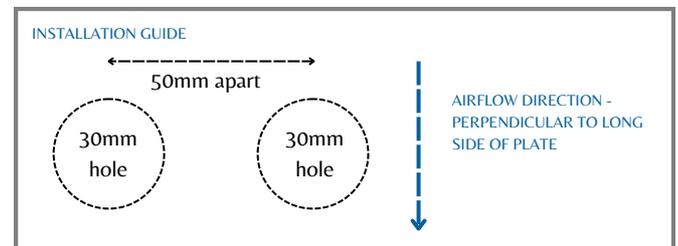
Type: Push Fit  
Diameter: 10mm  
Temperature Range: 0°C to +60°C  
Pressure: 0-10 bar

### Duct Insertion Plate



Connector provided for connection to the airflow duct.

Type: Screw Fit  
Duct Access Hole Diameter: 7mm



Other connection parts also available if required, such as bulkhead fittings, manifolds, Y-connectors etc.

Viveur will advise best location of Volante devices and duct access plates, based on finalised HVAC drawings and site visits as necessary.



# Volante v6C

## Fragrance Diffusion Device

### Installation Kit - Electrical

Volante v6C uses pre-prepared cables for the power supply and airflow proof connections to the device.

### Components

#### Airflow Proof Switch



Airflow pressure switch, provided with prewired cable and 3.5mm jack to connect to Volante.

Detection Range: 20-200Pa  
Pressure Connections: c/w 6mm ID push-on tubing  
Protection: IP54

#### Power Supply



AC-DC Power Supply with international plug connectors

Input Power: 100-240v AC, 47-63Hz  
Output Power: 12-15v 6W

### Control Interface Options

#### Volt-Free Contact



Powered switch interface with up to 8 inputs, allowing usage of any volt-free control interface to trigger presets. Battery version also available.

Power Supply: 100-240v AC, 0.6 Watt  
Protection Class: IP64  
Dimensions: 44 x 44 x 23mm

#### DMX



DMX input device, drive with any DMX master to control Volante presets. 4 channels of DMX available, DMX start address user-defined.

Power Supply: 12-24v DC, 0.3A  
DMX Input: 3-wire non-isolated DMX  
Dimensions: 72 x 30 x 18mm

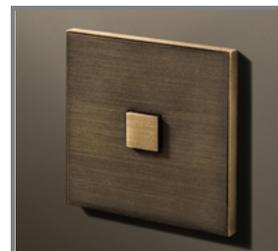
#### Ethernet



POE Gateway interface enables Ethernet-based integration into a cross-system building management system – including a variety of innovation options.

Power Supply: Power over Ethernet  
Protection Class: IP20  
Dimensions: 121 x 62 x 31 mm

#### Wall Controller



Native wireless controller with wide range of customer finishes for luxury applications. Engraving available

Type: Battery powered  
Dimensions: 84 x 84mm

Wiring Diagrams for each option available on request

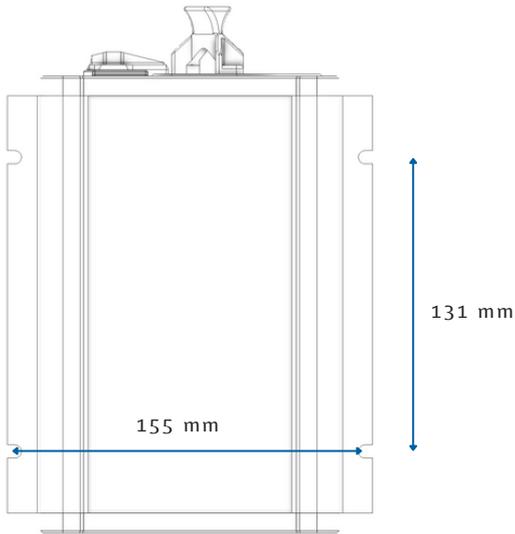


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Fragrance Diffusion Device

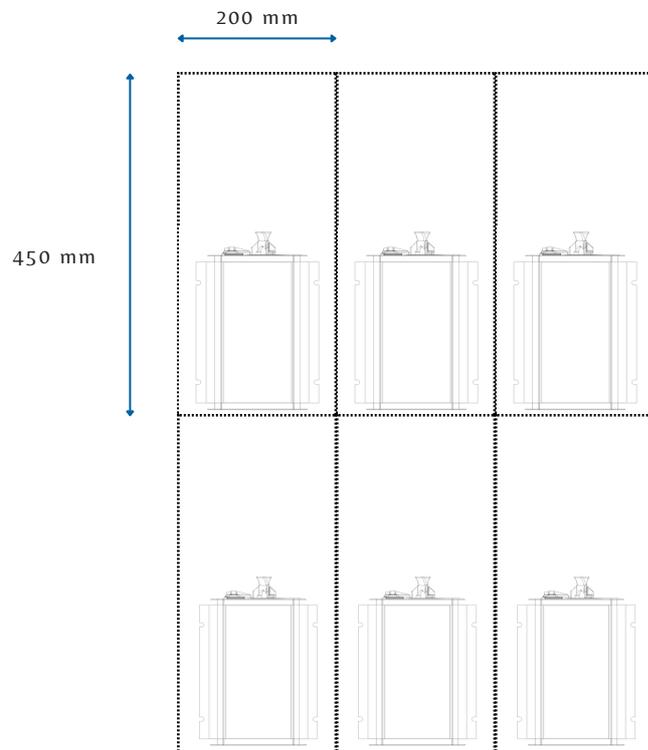
## Mounting Guidance

### Wall Fixing - Screw Mount Locations

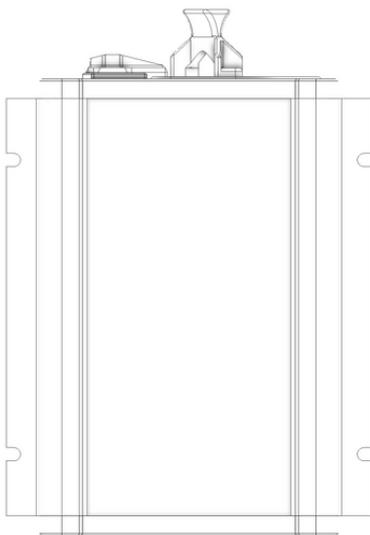


Where several Volante devices are mounted side by side on the same wall, we would advise that free wall space totalling 200mm wide by 450mm high is allowed per device.

For example, 6 devices in a 3 x 2 configuration would require a space of 600mm wide by 900mm high, as per below sketch.



### Floor Mounting - Rubber Feet



Hose runs may be mounted on cable tray, basket, cable tie bases or similar.

Fixings should be every 500mm, and either side of every change of hose direction.

Maximum bend radius is 100mm, if a tighter bend is needed a right angle connector should be used.