

CAV Split Vent Series

Description and Applications

Many people are unaware that SPLIT-type air conditioning does not renew the air. Consequently, the air remains circulating in the environment, which can greatly affect people's health and quality of life. This concern for air renewal is mandatory under Law 13,589/2018, which is currently in effect and subject to more frequent inspections by ANVISA and other competent authorities. The law requires that environments with SPLIT-type air conditioning have air renewal, thus requiring a ventilation system with filtration.

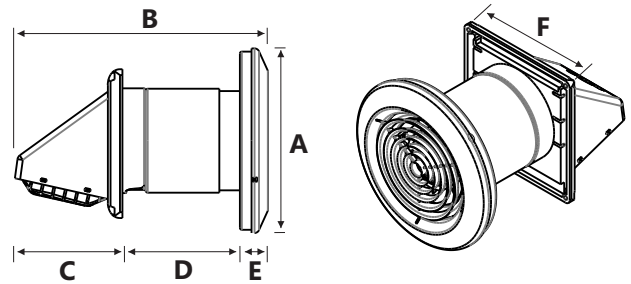
Designed to be installed in environments with SPLIT air conditioning, the SPLITVENT Injector takes in outside air, filters it, and introduces it into the environment, ensuring fresh air.



Benefits of Air Renewal with the SPLIT VENT Air Injector



Dimensions and Technical Specifications



How the SPLIT VENT is installed

The installation of the SPLITVENT air injector is easy to carry out. It requires making a hole of approximately 115 mm in diameter in the wall, using either the existing electrical wiring of the air conditioner or independent wiring. In exceptional cases, the SPLITVENT can also be installed on the ceiling, with a duct of up to 1 meter in length to capture external air. When the air conditioner is turned on, the SPLITVENT will activate simultaneously, supplying clean air inside the conditioned space. When choosing the equipment, it is only necessary to consider the number of people and the type of environment to be installed. The SPLITVENT Injector is available in a single version, accompanied by two filters: one G4 class filter and one M5 class filter. Filter replacement should be done according to product usage, and it is recommended to do it every 2 months, as it is an easy process to perform.

Dimensions (mm)						Weight (Kg)
A	B	C	D	E	F	
189	253	117	115 up to 174	29	152	0.95

Sound Pressure Level (SPL), dBA	Frequency, Hz	Motor Power, W	Total Power Absorbed, W	Single-Phase Voltage, V	Duct or Tubing Diameter, in Inches
45	50/60	17	23/20	127/230	4"

Please refer to the table for equipment selection.

Application Table			
Product	Maximum Flow Rate	Maximum Number of People	Environments
CAV with G4 Filter	93 m ³ /h	4 People	Gyms, Retail Stores, Hotels, Residences
CAV CON FILTRO G4 Y M5	54 m ³ /h	2 People	Offices, Offices, Libraries, Classrooms, etc.

Note: The maximum number of recommended people in the environment does not necessarily depend on the BTU of the air conditioning equipment or the size of the room when selecting the equipment. In case it is necessary to accommodate a larger number of people, it would be sufficient to add additional air conditioning units in the space. For example, if there are 8 people in a store, two SPLITVENT units with G4 filters would be required. The product is certified by INMETRO.

This product does not have flow and pressure curves as it is designed for wall installation.