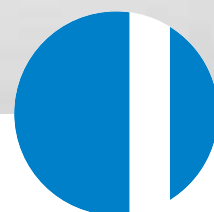


VENTILO



**The solution for the venting
of waste systems**



valsir[®]
QUALITY FOR PLUMBING

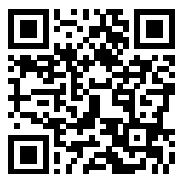


The solution for the venting of waste systems

Proper venting is a key factor in the smooth running of waste systems.

Ventilo is an aerator with a membrane that meets this requirement even when it is not possible to proceed with venting as far as the roof.

Ventilo is also useful in solving the problems created by piping installed incorrectly in the past that cause back-syphonage, self-syphonage and the return of foul odours inside the bathroom.



The importance
of waste system venting

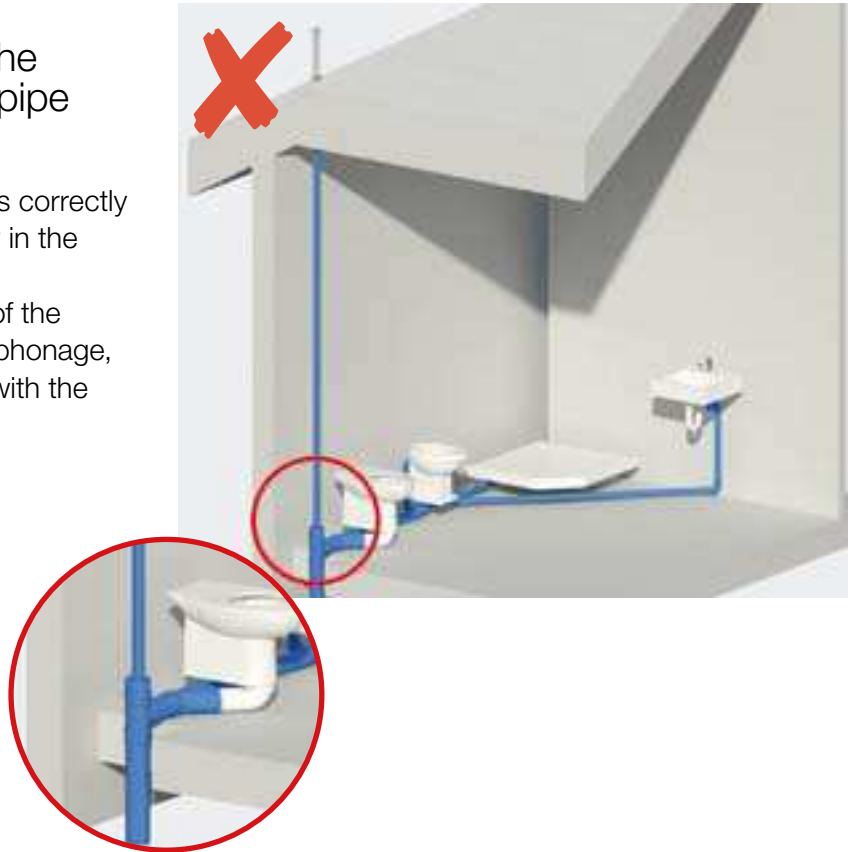
Look at the video of Ventilo:
valsir.it/u/videoventilo1

VENTILO, THE SOLUTION TO ALL PROBLEMS

Problem

Insufficient venting caused by the creation of waste stacks using pipe diameters that are too small

The venting of waste systems is not always correctly dimensioned or, in some cases, especially in the past, there was no venting of pipes at all. This causes problems during functioning of the waste systems with, for example, back-syphonage, self-syphonage and gurgling in the pipes with the return of unpleasant odours.



Solution

This problem is solved by installing Ventilo under the washbasin or sink

Thanks to its compact size, Ventilo can be installed in tight spaces, for example under a washbasin or sink, eliminating the noise generated by gurgling and the risk of trap suckout and consequent leaking of sewer gases.



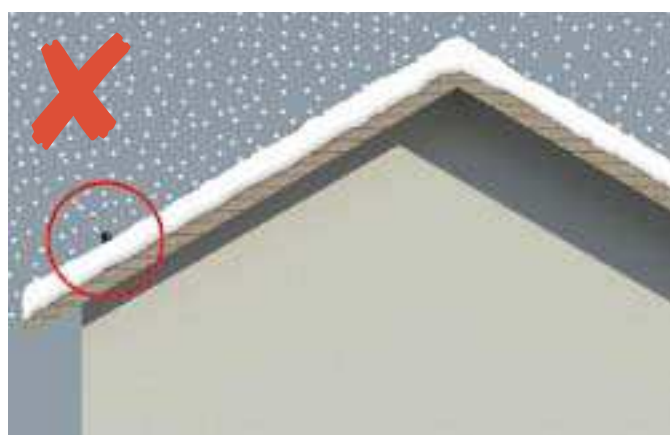


Look at the video here:
valsir.it/u/videoventilo2

Problem

Architectural constraints

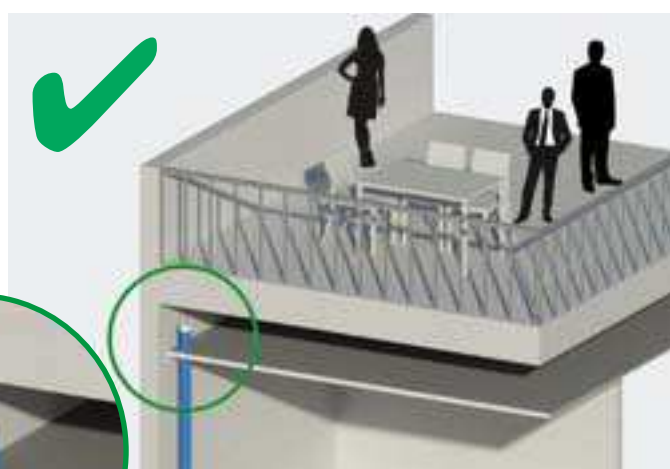
- 1 Building roofs are often used as living spaces with terraces or solariums. In this case, the vent stack cannot be extended onto the roof because it would limit the comfort of the roof users.
- 2 In some areas, especially in high mountains, constraints also exist due to the height of the snow on the roof that can obstruct the stack vent of the waste system preventing its proper functioning.



Solution

Installation in tight spaces

Thanks to its compact size, Ventilo can be installed in hidden areas such as suspended ceilings, niches created for its installation or attics, guaranteeing waste system venting and avoiding the leakage of sewer gases.



vaisiir[®]

DN 32 - 63

CE

EN - 12380 AI -20°C + +60°C 6,11/s

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DN 32 - 63

CE

ADVANTAGES



Tested and certified in compliance with EN 12380 (with CE marking) it fully meets the design and installation requirements of European standard EN 12056.



In the case of installation on terraces, it avoids the return of odours from the waste stack.



It allows the venting of pipe sections that are longer than 4 m and avoiding indirect venting systems.



Push-fit coupling for simple installation inside the system.



It eliminates the risk of trap suckout caused by back-syphonage through suction or self-syphonage in the branch.



In areas where snowfall is high, it can be installed before exiting on the roof avoiding problems connected to the blockage of vent pipes caused by the layer of snow on the roof.



Thanks to the compact size it can easily be installed in tight spaces (niches, hanging ceilings or under sinks).



Ideal for solving drainage problems in old systems, it eliminates the noise generated by gurgling.

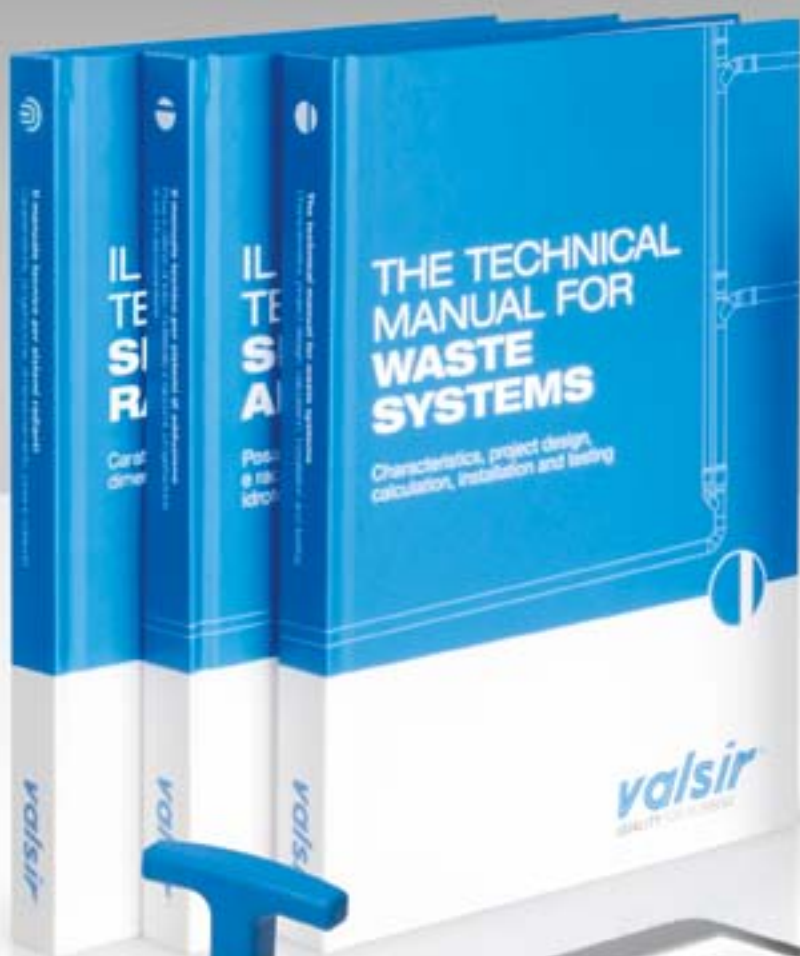


Range: Ventilo is available in two versions, for \varnothing 32 to 63 and \varnothing 70 to 110.



It allows optimization of the waste system while lowering installation costs.





CUSTOMER SERVICE

Technical assistance

Valsir provides total assistance during design and on site, thanks to a high-level technical office composed of a team of engineers with international experience, capable of meeting all system requirements.



Valsir Academy

Valsir also has an important training facility - **Valsir Academy** - made available to clients, distributors, plumbers and planners that provides perfectly equipped, theoretical and practical courses on the use and design of plumbing and heating systems. Courses are provided both inside the training facility and on customers' premises.

SOFTWARE

Silvestro software

Silvestro makes the design of floor and radiator heating systems, and water supply and waste systems extremely easy and technical documents for the project are issued rapidly.

Rapid, simple, unique, Silvestro has numerous strong points:

- quick learning curve thanks to a simple and intuitive interface
- completely graphical facilitating insertion of project data
- automatic design of loops in floor radiant systems
- automatic repositioning of stack points on plan views
- generation of calculation reports that can be exported in .xls format
- import and export of files in .dwg format
- immediate updating of software using guided procedures
- creation of complete bill of materials starting with the project file



Valsir is BIM ready

Valsir has espoused the BIM philosophy, the modelling process that allows the improvement of the planning, design, construction and management of buildings, concurring with the transition of the industry toward the digital representation of buildings. "BIM oriented" planning offers extraordinary competitive advantages: greater efficiency and productivity, less errors, less downtime, lower costs, enhanced interoperability, maximum sharing of information, a more punctual and coherent supervision of the project.

Valsir captures the essence of this system creating a series of Revit applications and models designed for simple and fast use.

QUALITY AND SUSTAINABILITY

Quality

The constant commitment of Valsir to the creation of quality products is demonstrated by over **170 product approvals** obtained around the world from the most strict certification bodies (figure updated on 01/09/2016), and by a quality system that is certified to **UNI EN ISO 9001:2008**.



Sustainability

Efficient processes and reliable products are no longer the only parameters used to perform an assessment of the quality of a company's conduct: the capacity of the company and its management to design and implement production process that are sustainable from an environmental point of view is of equal importance.

Valsir has started a project of Corporate Social Responsibility and has created the 1st Sustainability Report that gathers facts and figures relating to the daily commitment of Valsir in terms of social, economic and environmental responsibility.

For more information, download here the 1st Sustainability Report.



Download
www.valsir.it/u/sostenibilita-en

THE VALSIR RANGE



WASTE SYSTEMS



SUPPLY SYSTEMS



GAS SYSTEMS



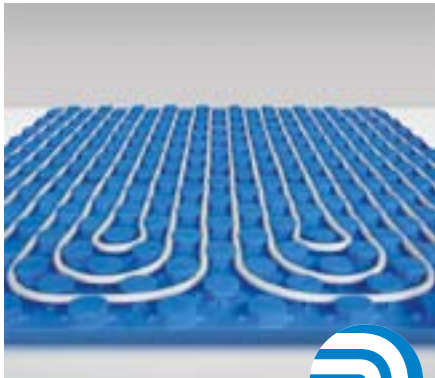
FLUSH SYSTEMS



BATHROOM SYSTEMS



TRAPS



RADIANT SYSTEMS



DRAINAGE SYSTEMS



ACADEMY



L02-736/0 - Settembre 2016



VALSIR S.p.A.
Località Merlaro, 2
25078 Vestone (BS) - Italy
Tel. +39 0365 877.011
Fax +39 0365 81.268
e-mail: valsir@valsir.it

www.valsir.it



MADE IN ITALY



valsir[®]
QUALITY FOR PLUMBING



Soggetta all'attività di direzione e coordinamento ex art. 2497 bis C.C. da parte di Fondital Group S.p.A. - Codice Fiscale 02075160172

The solution to vent the waste systems



The product

Proper venting is a key factor in the smooth running of waste systems. Air admittance valve Valsir **AirVal** meets this requirement even when it is not possible to proceed with venting as far as the roof or outside the building. It is also useful in solving the problems created by piping installed incorrectly in the past that cause back-syphonage, self-syphonage and the return of foul odours inside the building.

Characteristics

- Tested and certified in compliance with EN 12380 (with CE and UKCA marking) it fully meets the design and installation requirements of European standard EN 12056.
- It allows the venting of branches longer than 4 m avoiding indirect venting systems.
- It eliminates the risk of trap suckout caused by back-syphonage through suction or self-syphonage in the branch.
- Thanks to the compact size it can easily be installed in tight spaces (niches, hanging ceilings or under sinks).
- In the case of installation on terraces, it avoids the return of odours from the waste stack.
- Push-fit coupling for simple installation inside the system.
- In areas where snowfall is high, it can be installed before exiting on the roof avoiding problems connected to the blockage of vent pipes caused by the layer of snow on the roof.
- Ideal for solving drainage problems due to the absence or the inadequacy of the venting system in old systems and for eliminating the gurgling noise.
- It allows optimization of the waste system while lowering installation costs.

AirVal is available in three different version:

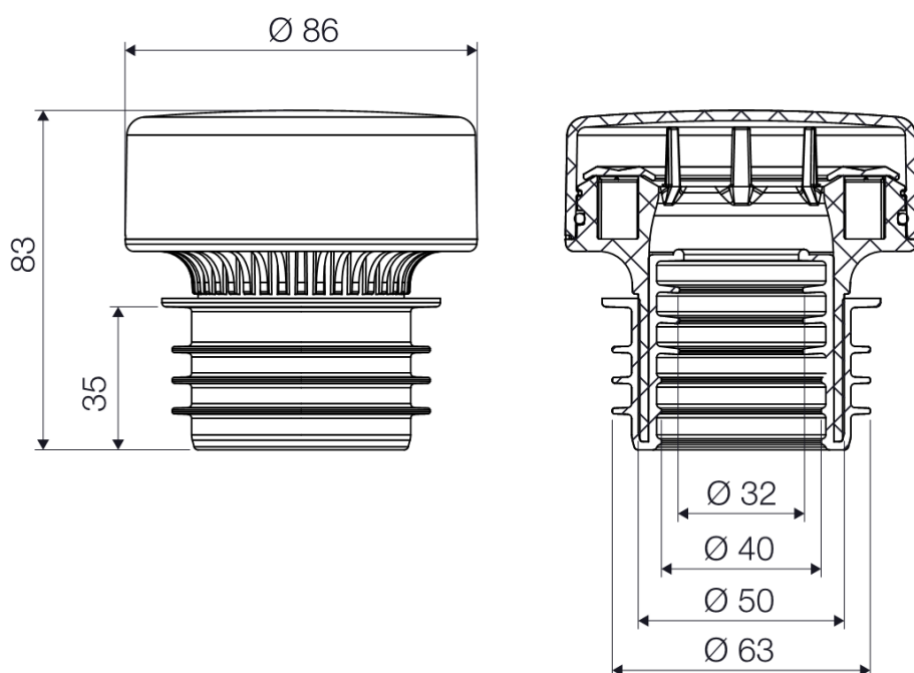
Air admittance valve 63

Air admittance valve that allows to balance the depressions (negative pressure) which are created inside of waste system due to the passage of fluids within both the horizontal branches and the vertical stack. It complies with EN 12380 standard and thanks to the classification in Class A it can be installed below the level of the flow. Moreover, thanks to the classification Class I it allows installation with operating temperatures ranging from -20°C to + 60°C.

Characteristics	
Code	VS0700404
Pipes diameters compatibility	32-40-50-63 mm
Maximum air flow rate	8,0 l/s
CE and UKCA mark	EN 12380
Height	83 mm
Diameter	86 mm
Working temperature	-20°C / +60°C



Technical specs



Pipes diameters compatibility



Ø 32



Ø 40



Ø 50



Ø 63

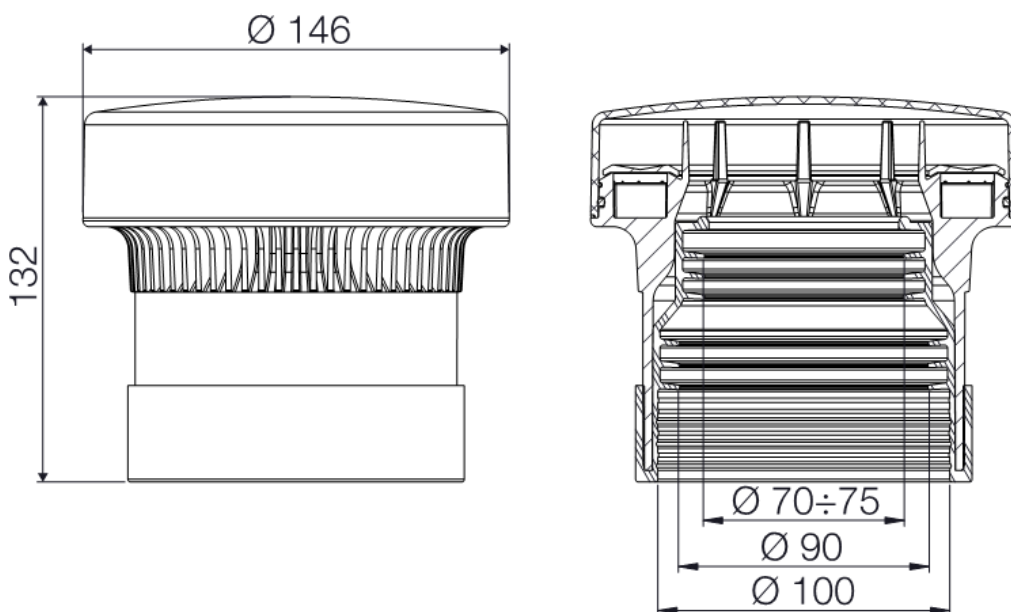
AirVal 70-110

Air admittance valve that allows to balance the depressions (negative pressure) which are created inside of waste system due to the passage of fluids within both the horizontal branches and the vertical stack. It complies with EN 12380 standard and thanks to the classification in Class A it can be installed below the level of the flow. Moreover, thanks to the classification Class I it allows installation with operating temperatures ranging from -20°C to + 60°C.

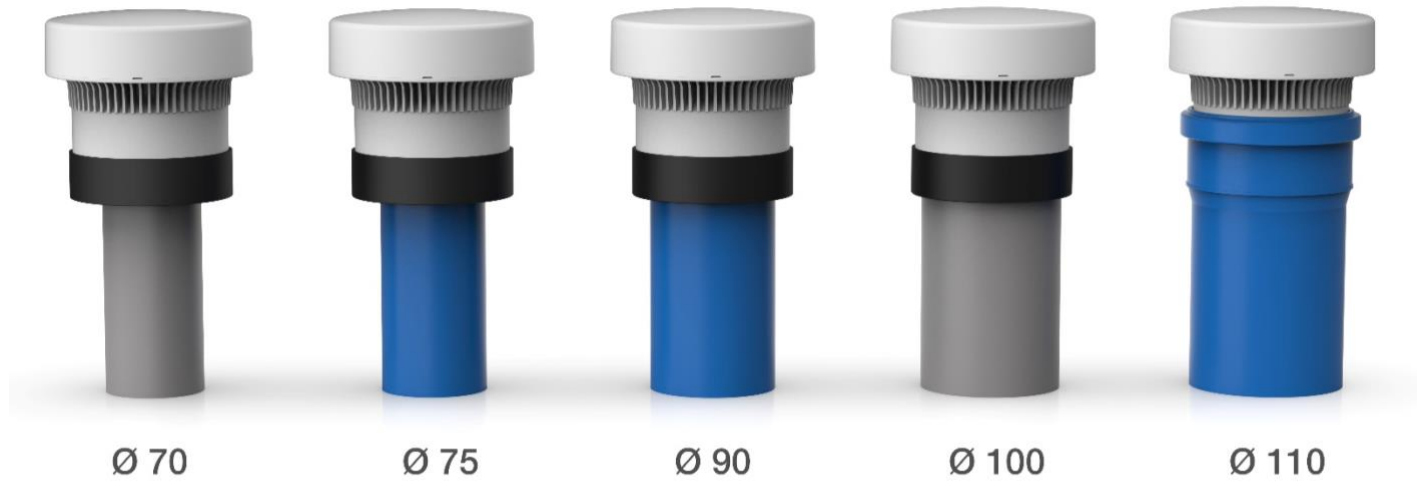
Characteristics	
Code	VS0700405
Pipes diameters compatibility	70-75-90-100-110 mm
Air flow rate	34,6 l/s
CE and UKCA mark	EN 12380
Height	132 mm
Diameter	146 mm
Working temperature	-20°C / +60°C



Technical specs



Pipes diameters compatibility



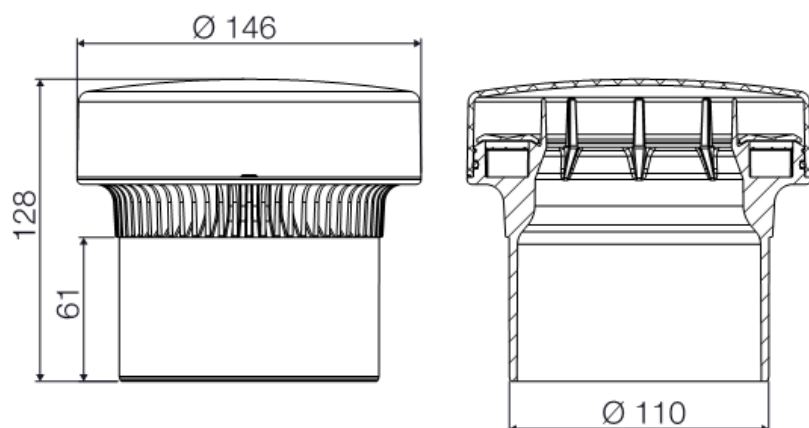
AirVal 110

Air admittance valve that allows to balance the depressions (negative pressure) which are created inside of waste system due to the passage of fluids within both the horizontal branches and the vertical stack. It complies with EN 12380 standard and thanks to the classification in Class A it can be installed below the level of the flow. Moreover, thanks to the classification Class I it allows installation with operating temperatures ranging from -20°C to + 60°C.

Characteristics	
Code	VS0700406
Pipes diameters compatibility	110 mm (70-75-90-100 mm buying separately the rubber connector VS0700553)
Air flow rate	39,8 l/s
CE and UKCA mark	EN 12380
Height	128 mm
Diameter	146 mm
Working temperature	-20°C / +60°C



Technical specs



Pipes diameters compatibility

