

VSV

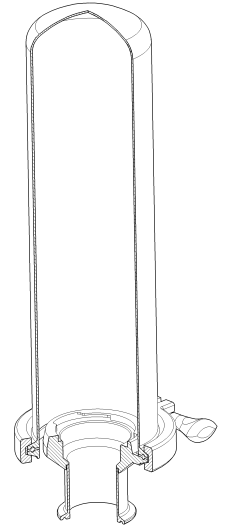
Sanitary Vent Housings

Flow efficient and corrosion resistant 316L stainless steel, HIGH FLOW vessel design

HIGH FLOW TETPOR hydrophobic, PTFE membrane filter cartridge

Electrical and steam jacket heating options

Wide range of pipe connection styles



Product Information

SANITARY VENT filter housings are specifically designed for all sterile tank venting and tank breathing applications. Utilising **domnick hunter's** HIGH FLOW TETPOR II PTFE membrane filter cartridges, **SANITARY VENT** filter housings combine the highest levels of bio-security with a most flow efficient filtration medium, assuring effective economical tank protection.

Product Specification

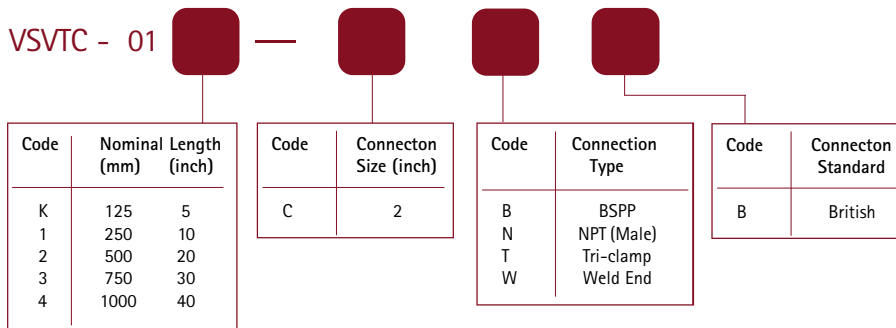
housing	316L stainless steel <small>(other options available, contact domnick hunter for details)</small>	heated housings
surface finish	internal : electropolished external : mechanically polished	for certain applications (e.g. tanks containing liquids at elevated temperatures over 70°C (158°F)), the use of a heated INDUSTRIAL VENT housing is recommended to ensure effective gas filtration, and prevent the risk of tank collapse. There are two heated jacket options:
max. recommended operating temperature	142°C (288°F) - when using domnick hunter HIGH FLOW TETPOR filter cartridges	electrical jackets - the electrical heater system requires a single phase supply, at either 240/220 or 115/110 volts. It is important to ensure that the electrical heater is rated for the supply voltage, before it is used. Contact domnick hunter Process Filtration for details on electrical controllers.
recommended operating guidelines sizing	sizing vent filters particularly vacuum sensitive tanks can require specialist advice. It is important that SANITARY VENT housings are sized on maximum gas flow capacity under actual conditions. Please contact domnick hunter for further assistance.	steam jackets - a continuous steam supply is required, at a pressure below 0.5 barg (7.25 psig).
vacuum protection	where a tank is vacuum sensitive, there is a risk of tank collapse. In such cases the fitting of an appropriately rated bursting disc (or similar) and, if necessary, a pressure relief valve, is highly recommended.	

Selection

Housing Code	N°.	Cartridge Filter Code	Connections	
			Size	Type
VSV-01A-BW	1	ZHFT/AZ	1"	Weld Prepared
VSV-01A-BT	1	ZHFT/AZ	1"	Tri-Clamp
VSV-01A-BB	1	ZHFT/AZ	1"	BSPP Female
VSV-01C-AT	1	ZHFT/CW	1"	Tri-Clamp
VSV-01C-AB	1	ZHFTCW	1"	BSPP Female

VSVTC Singles

VSVTC - 01



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domnick hunter limited has a continuous policy of product development and although the Company reserves the right to change specification, it attempts to keep customers informed of any alterations. This publication is for general information only and customers are requested to contact our Process Filtration Sales Department for detailed information and advice on a products suitability for specific applications. All products are sold subject to the company's Standard conditions of sale.



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