OdourPro[®]

FV120

MAX FLOW	120 LPS		
	432 m ³ /h		
FUNCTIONAL DESCRIPTION	FiltaVent [™] passive vent filters are cost effective and efficient ground mounted filter systems with		
	replaceable cartridges. Each one is a self-breathable passive filter with low static pressure that can be		
	used to solve a range of odour issues on sewage pumping stations, vent stacks and pressure relief valves.		
	Depending on the flow capacity requirements, there is a FiltaVent [™] model configuration that has been		
	designed to suit installation on top of air valves, sewer manholes, pump stations or small sewage		
	treatment plants and also to replace old corroded vent stacks.		
PRIMARY ABSORPTIVE MEDIA	Acticarb EA1000K is a pelletised impregnated activated carbon specifically designed for use in odour		
	control systems where the primary cause of odour is as a result the presence of mercaptans, particularly		
	hydrogen sulphide (H2S), and volatile organic compounds.		
	SPECIFICATIONS		
	Media Volume	0.09 m ³	
	Media Blend	70%	
	Media Mass	50.4 kg	
	Empty Bed Residence Time (EBRT)	1 sec	
	Pressure Drop	165 Pa	
	TYPICAL PROPERTIES		
	Total ash content (max.)	15%	
	Moisture content (max. as packed)	15%	
		90%	
	Hardness (min.)		
	Particle size	4 mm	
	Surface Area	>1000 m ² /g	
	Apparent Density	500-550 kg/m ³	
	H2S Adsorption Capacity	0.14 g H ₂ S/cc GAC	
	lodine Number	> 950	
SECONDARY ABSORPTIVE	Acticarb EA1000 is a micro and meso porous pelletised activated carbon that is specifically designed for		
Media	the treatment of air streams containing organic pollutants.		
	SPECIFICATIONS		
	Media Volume	0.04 m ³	
	Media Blend	30%	
	Media Mass	21.6 kg	
	Empty Bed Residence Time (EBRT)	1 sec	
	Empty Bed Residence Time (EBRT) Pressure Drop		
	Empty Bed Residence Time (EBRT) Pressure Drop TYPICAL PROPERTIES	1 sec 70 Pa	
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FV120

	VESSEL AND LID CONNECTION		
	The lid is secured to the base via	The lid is secured to the base via a gasket seal then bolted securely flange to flange.	
DUCT AND PIPE SIZE	Minimum Duct	@ 8 m/s – 138 mm	
	Minimum Duct	@ 10 m/s – 123 mm	
	Duct Size Used	150 mm ID	
OVERALL WEIGHT	143 kg	143 kg	



AS/NZS 4801 AS/N WHS Management Qua Systems Certified Systems

AS/NZS ISO 9001 AS/N Quality Management Envir Systems Certified System

AS/NZS ISO 14001 Environmental Management Systems Certified P PO Box 367 HRMC NSW 2310 T 02 4957 2886
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