

VF50 - Specifications



Process Overview

The air filtration system is designed to treat wastewater odour emissions entering the unit by the two McBerns Proprietary Combined Media Cartridge, which is emitted to atmosphere.

Filtration Properties	H ₂ S Treatment Capacity	0.01 kg
	Total Media Volume	1 x 10 ⁻⁴ m ³
	Media Mass	
	Activated Carbon	0.05 kg
	Total Media Mass	0.05 kg
Flow Properties	Design Flow Rate	1 L/s
	Differential Pressure (refer to figure at back)	2Pa
Unit Properties	Dimensions	
	Unit Housing	78 x 117 mm
	Inlet Duct	DN50 UPVC
	Material Properties	
	Fabrication Material	UPVC
	Specific Gravity	1.42g/cm ³
	Max Continuous Operating Temperature	50°C
	Max Short Term Operating Temperature	60°C
	Tensile Strength	51MPa
	Brinell Hardness	15kg/mm ²
	Mass	
	Unit Housing	0.2kg
	Overall (Including Media)	0.25kg