

## VF300 - Specifications

### Process Overview

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



<b>Filtration Properties</b>	H <sub>2</sub> S Treatment Capacity	2 kg
	Total Media Volume	6.6 x 10 <sup>-2</sup> m <sup>3</sup>
	<b>Media Mass</b>	
	McBarns Combined Media (Cartridges)	1 x F300MC
	Total Media Mass	11 kg
<b>Flow Properties</b>	Design Flow Rate	15 L/s
	Differential Pressure (refer to figure at back)	42 Pa
<b>Unit Properties</b>	<b>Dimensions</b>	
	Unit Housing	400 x 397 mm
	Inlet Duct	DN300 UPVC
	<b>Material Properties</b>	
	Fabrication Material	UPVC
	Specific Gravity	1.42g/cm <sup>3</sup>
	Max Continuous Operating Temperature	50°C
	Max Short Term Operating Temperature	60°C
	Tensile Strength	51MPa
	Brinell Hardness	15kg/mm <sup>2</sup>
	<b>Mass</b>	
	Unit Housing	6 kg
	Overall (Including Media)	17 kg