

# PRODUCT CUT SHEET

## Paxton Two Stage Replacement Filter Elements for Inline Filtration

**MODEL # HEPA-500-R1**

HEPA  
500 cfm, maximum flow

<b>Item Number</b>	HEPA-500-R1	
<b>Description</b>	Replacement Filter Element	
<b>Efficiency</b>	99.9% @ 0.3 micron, nominal	
<b>Maximum Flow Rate</b>	500 scfm	14 m <sup>3</sup> /min
<b>Maximum Operating Temperature</b>	185°F	85°C
<b>Initial Operating Pressure</b>	1.5" H <sub>2</sub> O	38 mm H <sub>2</sub> O
<b>Maximum Pressure Drop</b>	12" H <sub>2</sub> O	305 mm H <sub>2</sub> O
<b>Media</b>	Reinforced polyester, hydrophobic, water repelling, non-absorbing, oil resistant	
<b>Material of Construction</b>	Steel, powder coat finish, corrosion resistant	
<b>Weight, each</b>	6 lbs	2.7 kg
<b>Dimensions</b>		
<b>Length</b>	17 in	431 mm
<b>Diameter</b>	9 3/4 in	248 mm

### Recommended Replacement Frequency

Paxton part	1 or 2 shifts/day operation	3 shifts/day operation
<b>Belts</b>	12 months	6 months or 4000 hours
<b>Belt Springs</b>	12 months	6 months or 4000 hours
<b>Tensioners</b>	24 months	12 months
<b>Filters</b>	Filters must be changed as often as needed to maintain blower or system performance as measured by increased pressure drop across the filter. The filter must be changed if the pressure drop exceeds 10" of water column. Filter change frequency will vary widely based on environmental and atmospheric conditions. Minimum recommended filter change frequency is every 12 months for 1 or 2 shift/day operation; and every 6 months for 3 shift/day operation.	

