

# PRODUCT CUT SHEET

## Paxton Hi-Flow Synthetic Filter with Silencer and Housing

**MODEL # 8005556**

10 micron  
1200 cfm, maximum flow



<b>Item Number</b>	8005556	
<b>Description</b>	Filter, Housing, Silencer with Clamps	
<b>Fits blowers</b>	AT-800, AT-1200	
<b>Efficiency</b>	98% @ 10 micron, nominal	
<b>Maximum Flow Rate</b>	1200 scfm	34 m <sup>3</sup> /min
<b>Maximum Operating Temperature</b>	185°F	85°C
<b>Initial Operating Pressure</b>	2.5° H <sub>2</sub> O	64 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>	Hi-Flow Synthetic, 80H: Hydrophobic, water repelling, non-absorbing, oil resistant	
<b>Material of Construction</b>	Steel, powder coat finish, corrosion resistant	
<b>Weight</b>	9.5 lbs	4.3 kg
<b>Dimensions</b>		
<b>Inlet</b>	4 in	102 mm
<b>Length</b>	14 1/4 in	362 mm
<b>Diameter</b>	10 in	254 mm

### Replacement Components

Item Number	8005558-2		8005564	
<b>Description</b>	2 pack of filter elements, 10 micron		Silencer Cartridge: attenuates noise up to 8 dB	
<b>Dimensions</b>				
<b>Length</b>	12 in	304 mm	5 3/4 in	146 mm
<b>Diameter</b>	10 in	254 mm	5 3/4 in	146 mm
<b>Weight, each</b>	3 lbs	1.4 kg	2 lbs	0.9 kg

### 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.	

