

**AH19333**  
1100 series without secondary element,  
Straight outlet

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1100 series with secondary element,  
Straight outlet

**Air Cleaner Data Sheet and  
Performance Curve**



**AH19333**  
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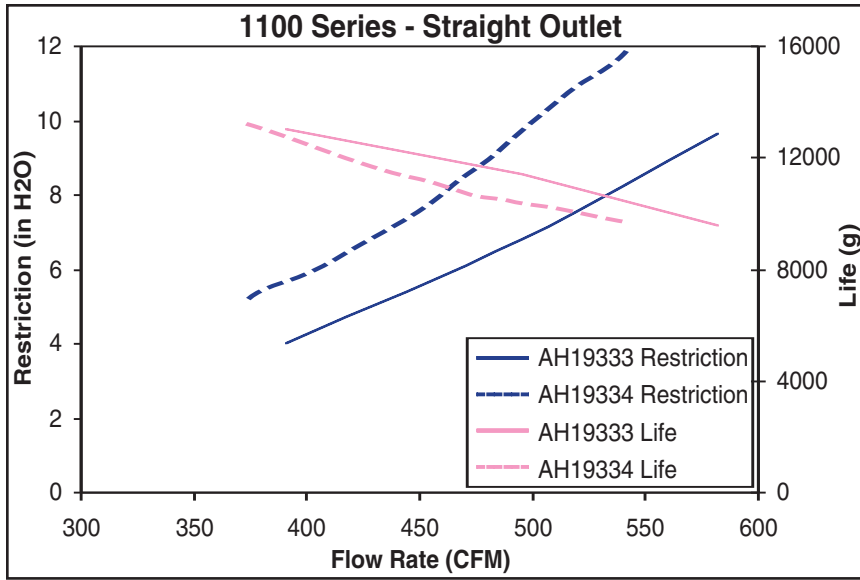
**AH19334**

# OptiAir™ Air Cleaner Data Sheet and Performance Curve

## AH19333/AH19334 1100 Series - Preliminary Data

<b>Air Cleaner Model:</b>	AH19333	<b>Min CFM:</b>	300 cfm	<b>Max CFM:</b>	640 cfm	<b>Secondary Element:</b>	No
<b>Air Cleaner Model:</b>	AH19334	<b>Min CFM:</b>	250 cfm	<b>Max CFM:</b>	540 cfm	<b>Secondary Element:</b>	Yes
<b>Housing Material:</b>	Plastic	<b>Precleaner Integral:</b>	Yes	<b>Outlet:</b>	Straight		

General Performance Data (Per ISO 5011)



Efficiency: 99.98%

Interpolated Data, AH19333:

Capacity		Flow Rate	
g/CFM	g/m <sup>3</sup> /min	CFM	m <sup>3</sup> /min
10	350	728	20.38
25	875	466	13.05

Restriction		Flow Rate	
in H <sub>2</sub> O	kPa	CFM	m <sup>3</sup> /min
6	1.49	445	12.46
8	1.99	519	14.53
10	2.49	593	16.6
12	2.99	640	17.92

Interpolated Data, AH19334:

Capacity		Flow Rate	
g/CFM	g/m <sup>3</sup> /min	CFM	m <sup>3</sup> /min
10	350	695	19.46
25	875	454	12.71

Restriction		Flow Rate	
in H <sub>2</sub> O	kPa	CFM	m <sup>3</sup> /min
6	1.49	377	10.56
8	1.99	438	12.26
10	2.49	500	14
12	2.99	538	15.06

Accessories	Part #
Mounting Bracket P/N:	3932495S
Brackets Required:	2
Outlet Band Clamps:	3316660S
Weather Hood:	3946466S
Hump-Hose:	3316610S
90° Elbow:	3313570S
90° Reducing Elbow:	N/A
Restriction Gauge:	3946326S

Service Parts	Part #
Primary Element:	AF25962
Magnum Primary Element:	N/A
Safety Element:	AF25963
Dust Ejection Valve:	3947091S
Cover Assembly:	3946465S

### Conversion Information

1 in H<sub>2</sub>O = 0.249 kPa  
 1 CFM = 0.028 m<sup>3</sup>/min  
 1 g/CFM = 350 g/m<sup>3</sup>/min  
 1g = 0.001 kg

### Cover to Housing Latch Positions

5 Latch Positions

