

AH19491

800 series without secondary element,
90° outlet

AH19490

800 series with secondary element,
90° outlet

**Air Cleaner Data Sheet and
Performance Curve**



**AH19491
AH19490**



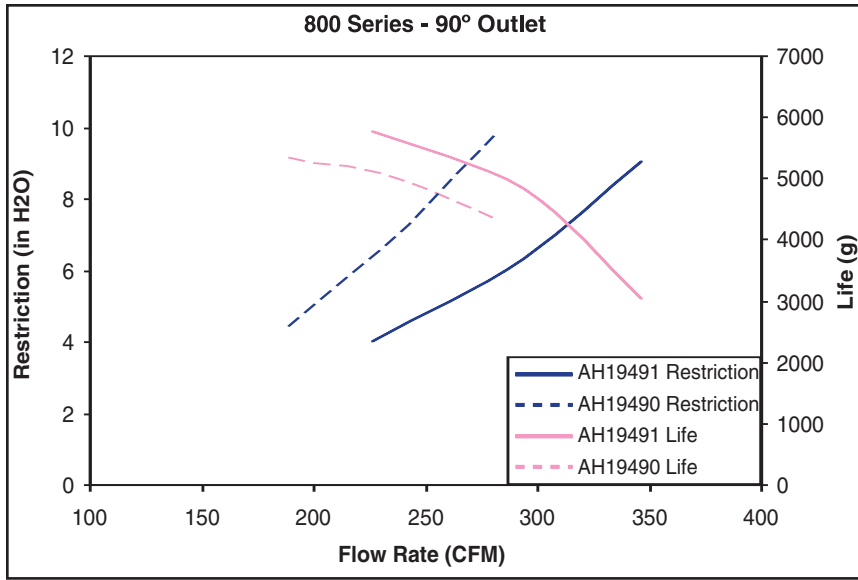
AH19490

OptiAir™ Air Cleaner Data Sheet and Performance Curve

AH19491/AH19490 800 Series - Preliminary Data

Air Cleaner Model:	AH19491	Min CFM:	200 cfm	Max CFM:	390 cfm	Secondary Element:	No
Air Cleaner Model:	AH19490	Min CFM:	120 cfm	Max CFM:	310 cfm	Secondary Element:	Yes
Housing Material:	Plastic	Precleaner Integral:	Yes	Outlet:	90° Elbow		

General Performance Data (Per ISO 5011)



Efficiency: 99.98%

Interpolated Data, AH19491:

Capacity		Flow Rate	
g/CFM	g/m ³ /min	CFM	m ³ /min
10	350	331	9.27
25	875	225	6.3

Restriction		Flow Rate	
in H2O	kPa	CFM	m ³ /min
6	1.49	269	7.53
8	1.99	319	8.93
10	2.49	370	10.36
12	2.99	390	10.92

Interpolated Data, AH19490:

Capacity		Flow Rate	
g/CFM	g/m ³ /min	CFM	m ³ /min
10	350	356	9.97
25	875	205	5.74

Restriction		Flow Rate	
in H2O	kPa	CFM	m ³ /min
6	1.49	205	5.74
8	1.99	241	6.75
10	2.49	277	7.76
12	2.99	305	8.54

Accessories

	Part #
Mounting Bracket P/N:	3918197S
Brackets Required:	1
Outlet Band Clamps:	3316658S
Weather Hood:	3946458S
Hump-Hose:	3316608S
90° Elbow:	3316568S
90° Reducing Elbow:	N/A
Restriction Gauge:	3946326S

Service Parts

	Part #
Primary Element:	AF25960
Magnum Primary Element:	N/A
Safety Element:	AF25961
Dust Ejection Valve:	3947091S
Cover Assembly:	3946462S

Conversion Information

1 in H2O = 0.249 kPa
 1 CFM = 0.028 m³/min
 1 g/CFM = 350 g/m³/min
 1g = 0.001 kg

Cover to Housing Latch Positions

4 Latch Positions

