

Specifications

Specification	AH55643
Length, Overall	24.5" (622.8 mm)
Width, Overall	10.9" (277.4 mm)
Height, Overall	9.5" (241.3 mm)
Flow, Min. at 2" H ₂ O (0.5 kPa) Restriction	180 CFM (5.0 m ³ /min)
Flow, Max. at 12" H ₂ O (3.0 kPa) Restriction	482 CFM (13.6 m ³ /min)
Secondary Element	Yes
Housing Material	Glass-filled Polyamide
Pre-cleaner	No
Inlet	Straight, 5" (127 mm)
Outlet	Straight 4.0" (101.6 mm)

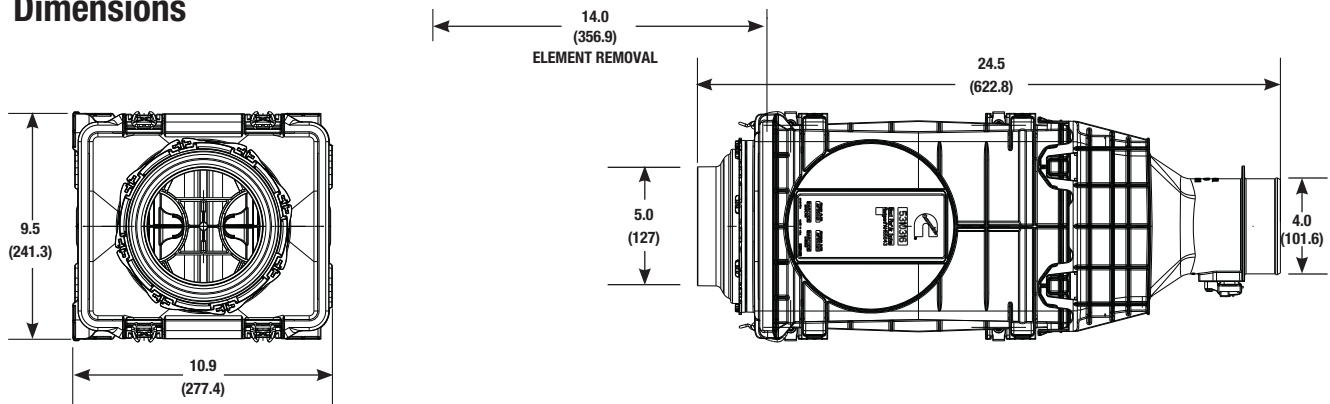
Specifications subject to change without notice.

Dust Holding Capacity per Flow Rate

Specification	Non Aspirated	
	CFM	m ³ /min
Maximum Flow for 10 g/CFM (357.1 g/m ³ /min)	378	10.7
Maximum Flow for 25 g/CFM (892.9 g/m ³ /min)	292	8.2

*Requires pre-cleaner (optional)

Dimensions



Ordering Information

Air Cleaners	
Part Number	Description
AH55643	Direct Flow -Front Inlet -With TBAP Sensor

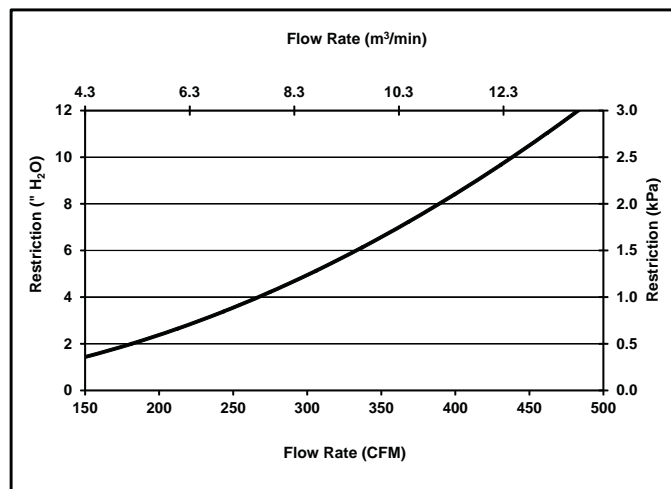
Service Parts	
Part Number	Description
AF55021	Primary Element
AF55320	Secondary Element
SP1042	Front Service Cover
SP1060	M6 Mounting Clips

Optional Accessories	
Part Number	Description
3316658S	4" Band Clamp
3316660S	5" Band Clamp
3316608S	4" Hump Hose
3316610S	5" Hump Hose
3316568S	4" 90° Elbow
3316570S	5" 90° Elbow
3316618S	5" to 4" Hump Hose Reducer
3946329S	Restriction Indicator

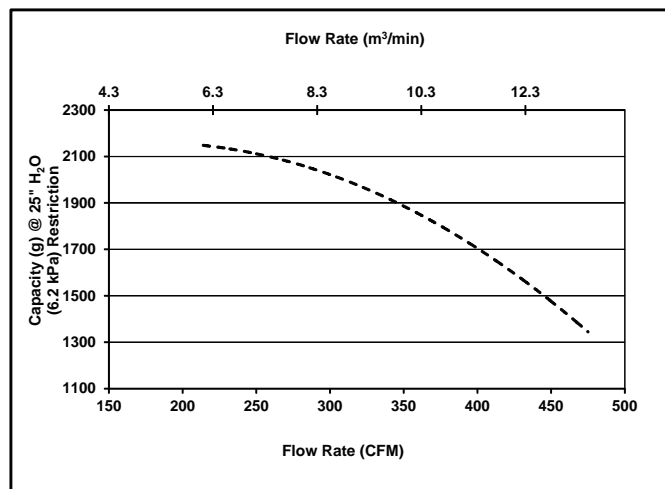
Additional sizes/shapes may be available. Refer to the Cummins Filtration catalog or website.

Performance

System Restriction vs Flow Rate



System Capacity vs Flow Rate



Restriction		Flow Rate		Typical Capacity at 25" H ₂ O (6.2 kPa) of Terminal Restriction Non Aspirated (g)
in H ₂ O	kPa	CFM	m³/min	
4	1.0	268	7.6	2080
6	1.5	332	9.4	1940
8	2.0	390	11.0	1750
10	2.5	440	12.5	1525
12	3.0	482	13.6	1325

ISO Fine Dust
1.0 g/m³ Feed Rate
25" H₂O (6.2 kPa)
Terminal Restriction
per ISO 5011