

Specifications

Specification	AH55639
Length, Overall	16.9" (432.2 mm)
Width, Overall	8.1" (207.4 mm)
Height, Overall	7.2" (184.3 mm)
Flow, Min. at 2" H ₂ O (0.5 kPa) Restriction	110 CFM (3.1 m ³ /min)
Flow, Max. at 12" H ₂ O (3.0 kPa) Restriction	280 CFM (709 m ³ /min)
Secondary Element	Yes
Housing Material	Glass-filled Polyamide
Pre-Cleaner	No
Inlet	Straight, 4.05" (103.0 mm)
Outlet	Straight, 4.08" (103.7 mm)
Filter Efficiency	≥ 99.90% per ISO 5011

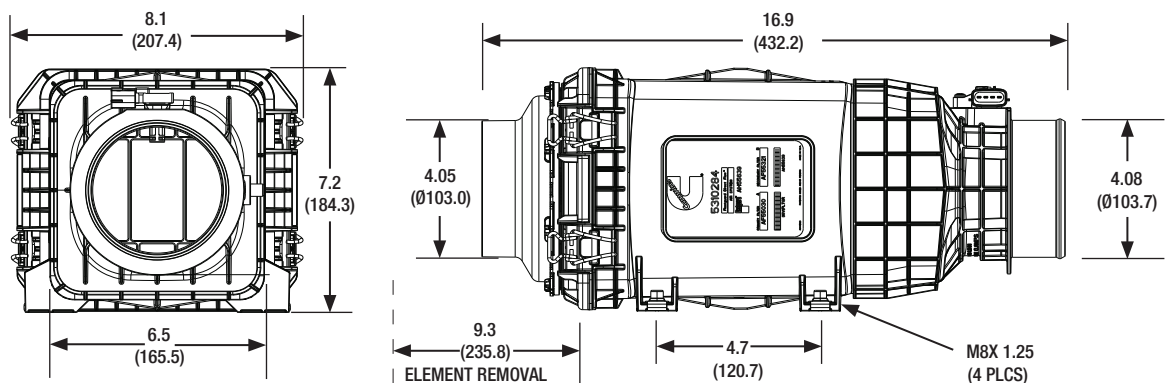
Specifications Subject to change without notice.

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)	75	2.1
Maximum Flow for 25 g/CFM (892.9 g/m ³ /min)	*N/A	*N/A

*Requires Pre-Cleaner (Optional)

Dimensions



All dimensions are in inches (millimeters)

Ordering Information

Air Cleaners	
Part Number	Description
AH55639	Direct Flow -Front Inlet -With TBAP Sensor

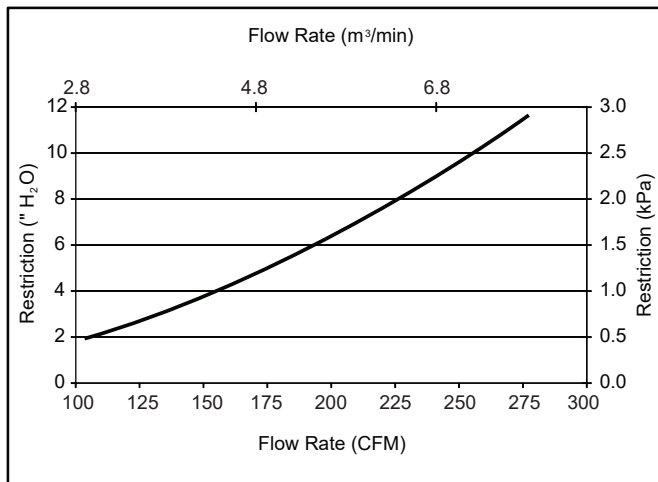
Service Parts	
Part Number	Description
AF55030	Primary Element
AF55321	Secondary Element
SP1080	Front Service Cover

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

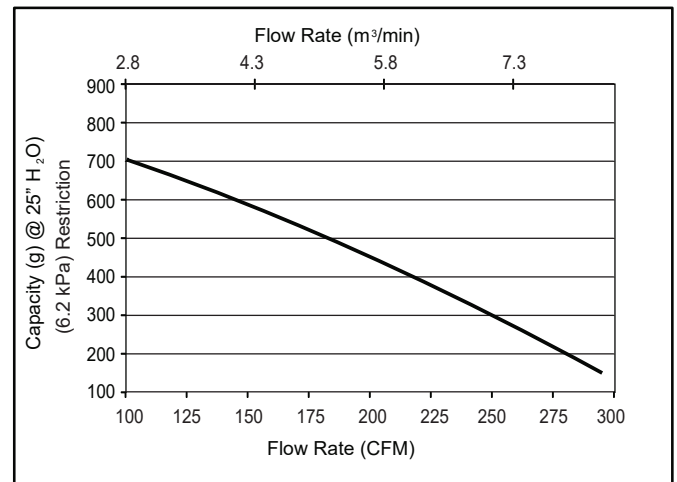
Additional sizes/shapes may be available.
Refer to the Cummins Filtration catalog or website.

Performance

System Restriction vs Flow Rate



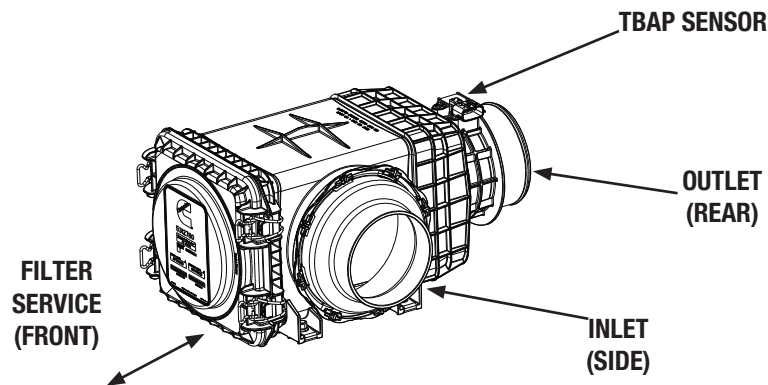
System Capacity vs Flow Rate



Restriction		Flow Rate		Typical Capacity at 25" H ₂ O (6.2 kPa) of Terminal Restriction
in H ₂ O	kPa	CFM	m³/min	Non Aspirated (g)
4	1.0	155	4.4	570
6	1.5	190	5.4	480
8	2.0	225	6.4	380
10	2.5	253	7.2	295
12	3.0	280	7.9	200

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





Specifications

Specification	AH55654
Length, Overall	15.1" (383.8 mm)
Width, Overall	10.2" (261.4 mm)
Height, Overall	7.2" (184.3 mm)
Flow, Min. at 2" H ₂ O (0.5 kPa) Restriction	110 CFM (3.1 m ³ /min)
Flow, Max. at 12" H ₂ O (3.0 kPa) Restriction	288 CFM (8.2 m ³ /min)
Secondary Element	Yes
Housing Material	Glass-filled Polyamide
Pre-Cleaner	No
Inlet	90° to Outlet 4.05" (103.0 mm)
Outlet	Straight 4.08" (103.7 mm)
Filter Efficiency	≥ 99.90% per ISO 5011

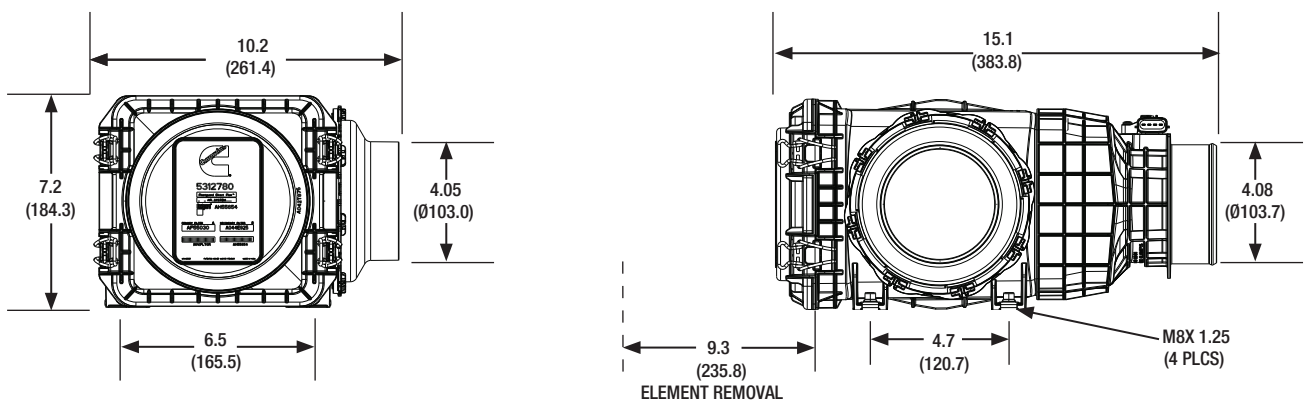
Specifications Subject to change without notice.

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)	74	2.0
Maximum Flow for 25 g/CFM (892.9 g/m ³ /min)	N/A*	N/A*

*Requires Pre-cleaner (Optional)

Dimensions



All dimensions are in inches (millimeters)

Ordering Information

Air Cleaners	
Part Number	Description
AH55654	Direct Flow -Side Inlet -With TBAP Sensor

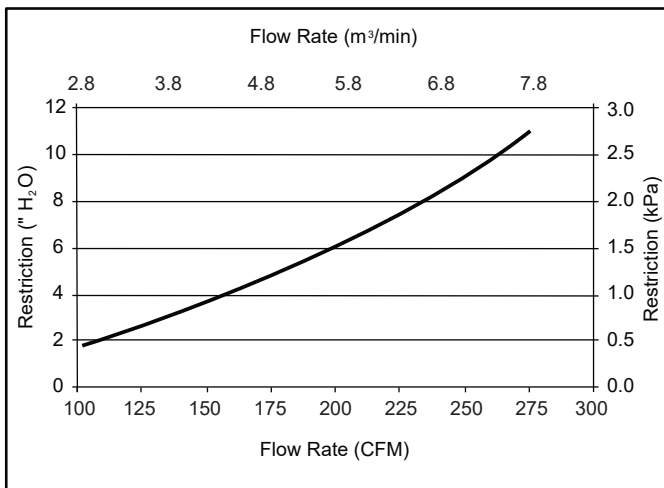
Service Parts	
Part Number	Description
AF55030	Primary Element
AF55321	Secondary Element
SP1079	Front Service Cover

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

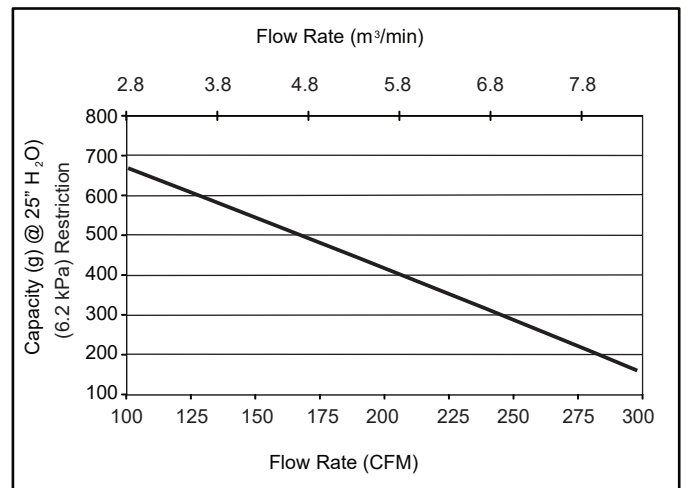
Additional sizes/shapes may be available.
Refer to the Cummins Filtration catalog or website.

Performance

System Restriction vs Flow Rate

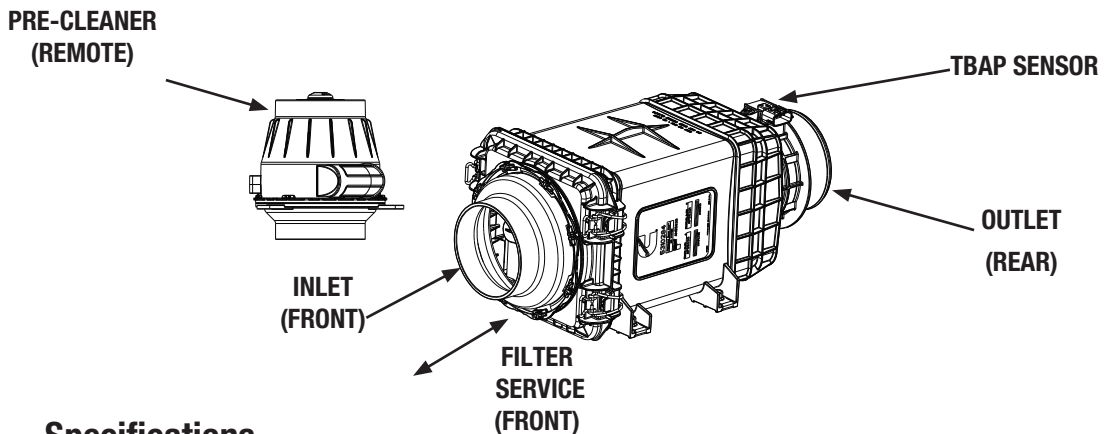


System Capacity vs Flow Rate



Restriction		Flow Rate		Typical Capacity at 25" H ₂ O (6.2 kPa) of Terminal Restriction
in H ₂ O	kPa	CFM	m³/min	Non Aspirated (g)
4	1.0	160	4.5	520
6	1.5	198	5.6	420
8	2.0	233	6.6	330
10	2.5	262	7.4	250
12	3.0	288	8.2	180

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



Specifications

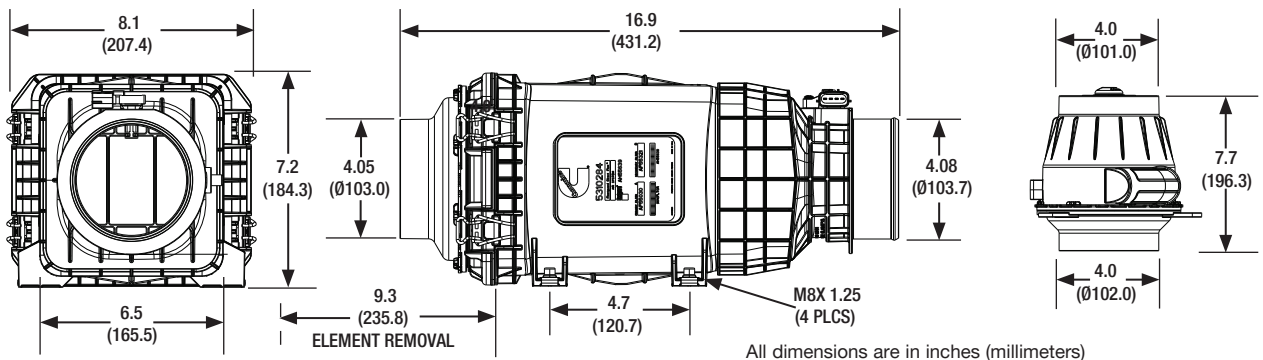
Specification	AK55708
Length, Overall	16.9" (431.2 mm)
Width, Overall	8.1" (207.4 mm)
Height, Overall	7.2" (184.3 mm)
Flow, Min. at 2" H ₂ O (0.5 kPa) Restriction	90 CFM (3.5 m ³ /min)
Flow, Max. at 12" H ₂ O (3.0 kPa) Restriction	220 CFM (6.2 m ³ /min)
Secondary Element	Yes
Housing Material	Glass-filled Polyamide
Pre-Cleaner	Remote
Inlet	Straight 4.05" (103.0 mm)
Outlet	Straight 4.08" (103.7 mm)
Filter Efficiency	≥ 99.90% per ISO 5011

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)	180	5.0
Maximum Flow for 25 g/CFM (892.9 g/m ³ /min)	102	2.8

Dimensions



All dimensions are in inches (millimeters)

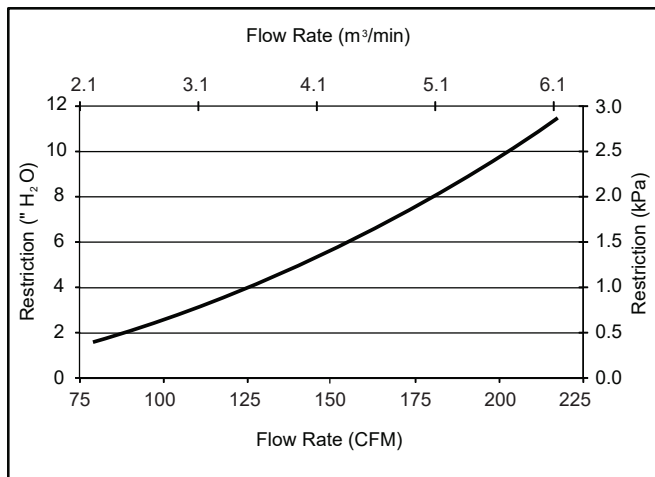
Ordering Information

Air Cleaners		Service Parts		Optional Accessories	
Part Number	Description	Part Number	Description	Part Number	Description
AK55708	Direct Flow -Front Inlet -Remote Mount Pre-Cleaner -With TBAP Sensor	AF55030	Primary Element	3316658S	4" Band Clamp
		AF55321	Secondary Element	3316660S	5" Band Clamp
		AP15910	Pre-Cleaner	3316608S	4" Hump Hose
		AP15911	Pre-Cleaner Remote Adapter	3316610S	5" Hump Hose
		SP1080	Front Service Cover	3316568S	4" 90° Elbow
		SP1048	Dust Ejector Valve (DEV)	3316570S	5" 90° Elbow
				3316618S	5" to 4" Hump Hose Reducer
				3946329S	Restriction Indicator

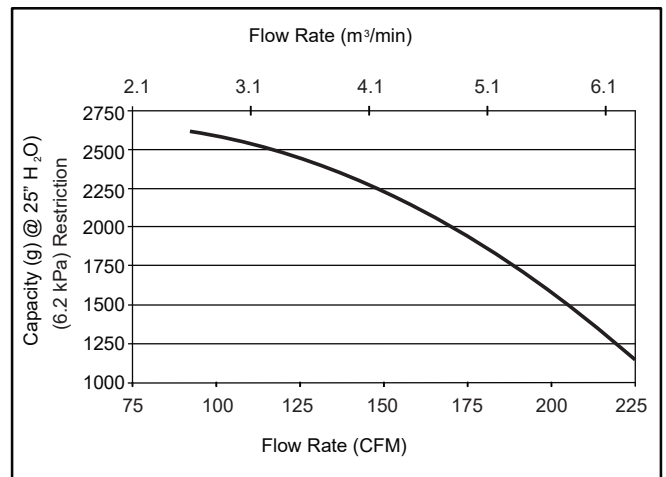
Additional sizes/shapes may be available. Refer to the Cummins Filtration catalog or website.

Performance

System Restriction vs Flow Rate



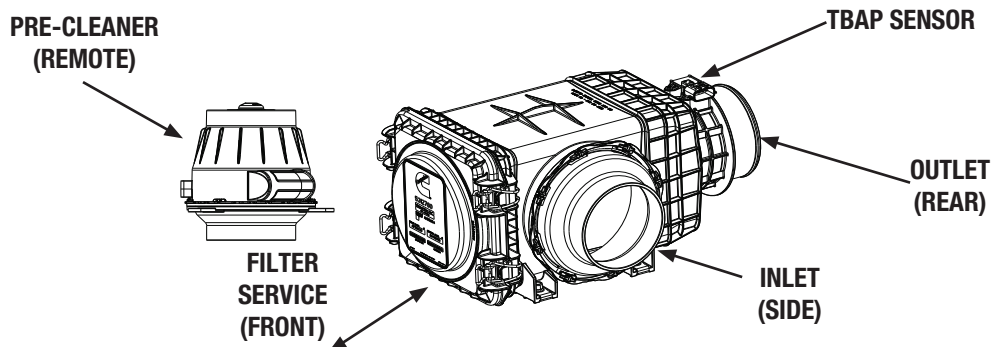
System Capacity vs Flow Rate



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	123	3.5	2325
6	1.5	160	4.5	2050
8	2.0	178	5.1	1825
10	2.5	200	5.7	1600
12	3.0	220	6.2	1450

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





Specifications

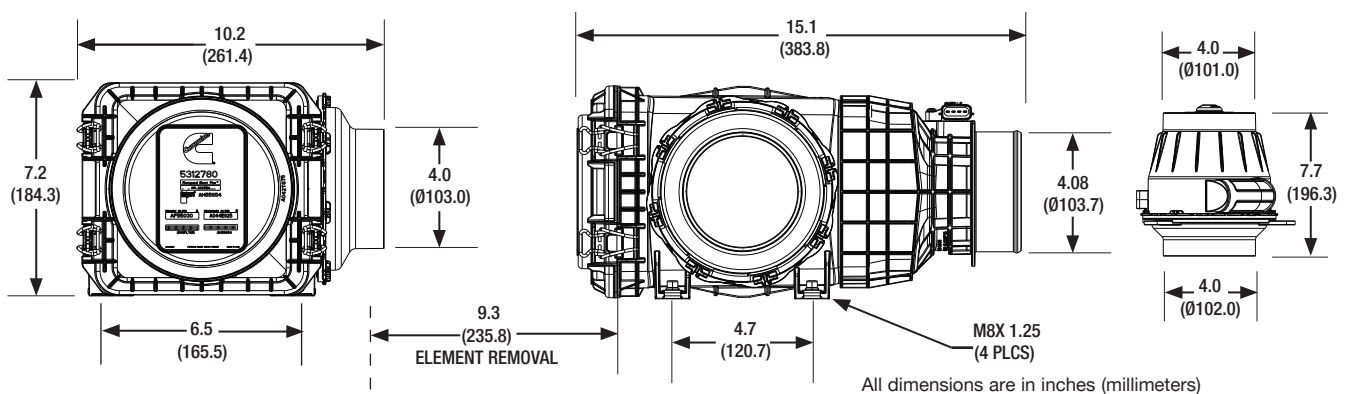
Specification	AK55709
Length, Overall	15.1" (383.8 mm)
Width, Overall	10.2" (261.4 mm)
Height, Overall	7.2" (184.3 mm)
Flow, Min. at 2" H ₂ O (0.5 kPa) Restriction	90 CFM (3.5 m ³ /min)
Flow, Max. at 12" H ₂ O (3.0 kPa) Restriction	220 CFM (8.6 m ³ /min)
Secondary Element	Yes
Housing Material	Glass-filled Polyamide
Pre-Cleaner	Remote
Inlet	90° to Outlet 4.05" (103.0 mm)
Outlet	Straight 4.08" (103.7 mm)
Filter Efficiency	≥ 99.90% per ISO 5011

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)	180	5.0
Maximum Flow for 25 g/CFM (892.9 g/m ³ /min)	102	2.8

Dimensions



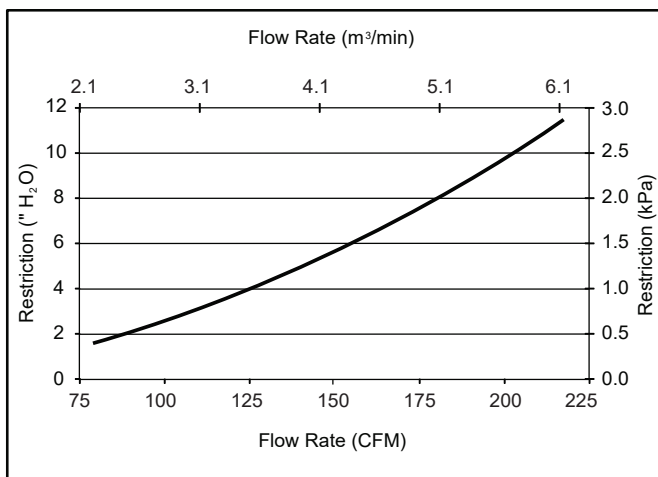
Ordering Information

Air Cleaners		Service Parts		Optional Accessories	
Part Number	Description	Part Number	Description	Part Number	Description
AK55709	Direct Flow -Side Inlet -Remote Mount Pre-Cleaner -With TBAP Sensor	AF55030	Primary Element	3316658S	4" Band Clamp
		AF55321	Secondary Element	3316660S	5" Band Clamp
		SP1079	Front Service Cover	3316608S	4" Hump Hose
		AP15910	Pre-Cleaner	3316610S	5" Hump Hose
		AP15911	Pre-Cleaner Remote Adapter	3316568S	4" 90° Elbow
		SP1048	Dust Ejector Valve (DEV)	3316570S	5" 90° Elbow
				3316618S	5" to 4" Hump Hose Reducer
				3946329S	Restriction Indicator

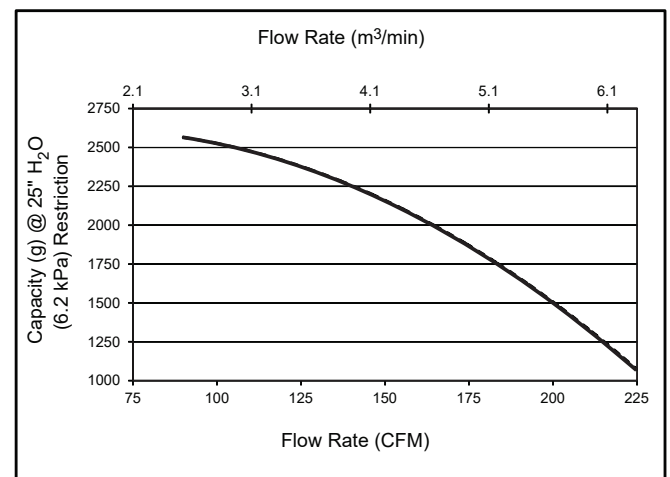
Additional sizes/shapes may be available.
Refer to the Cummins Filtration catalog or website.

Performance

System Restriction vs Flow Rate

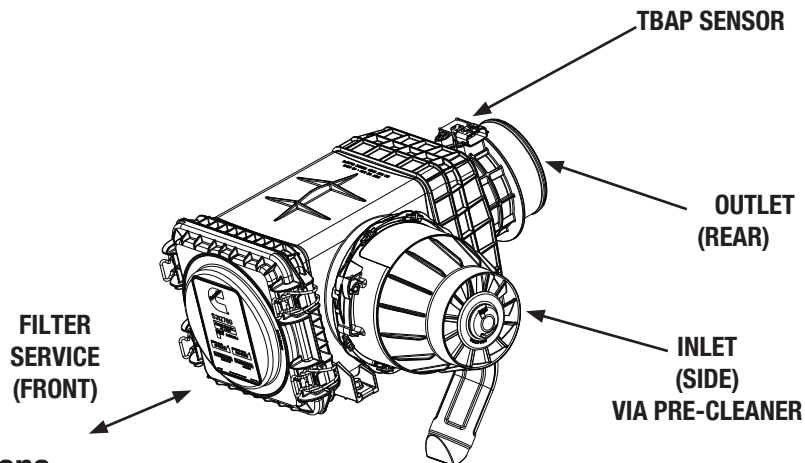


System Capacity vs Flow Rate



Restriction		Flow Rate		Typical Capacity at 25" H ₂ O (6.2 kPa) of Terminal Restriction
in H ₂ O	kPa	CFM	m³/min	Non Aspirated (g)
4	1.0	123	3.5	2400
6	1.5	160	4.5	2100
8	2.0	180	5.1	1800
10	2.5	202	5.7	1475
12	3.0	220	6.2	1250

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



Specifications

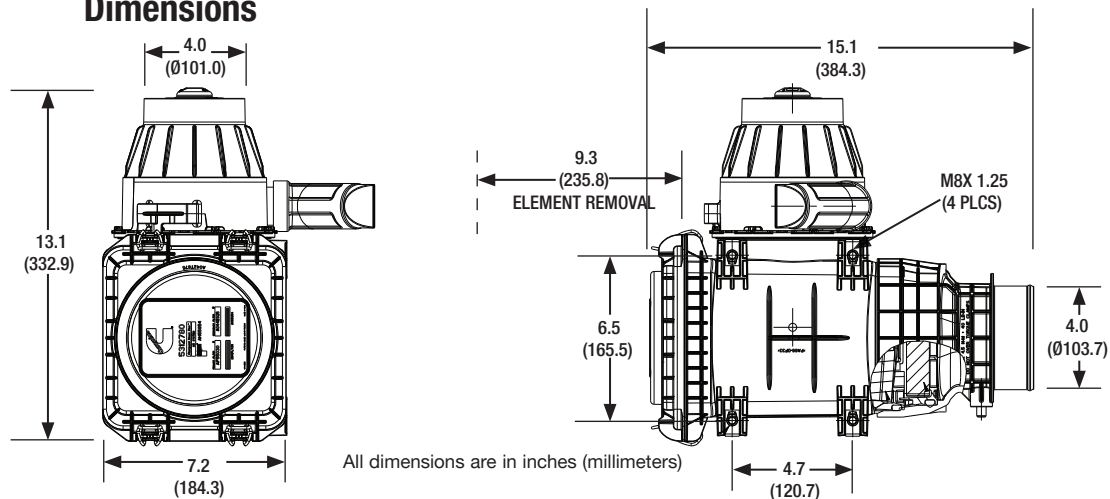
Specification	AK55710
Length, Overall	15.1" (383.8 mm)
Width, Overall	13.9" (353.9 mm)
Height, Overall	7.2" (184.3 mm)
Flow, Min. at 2" H ₂ O (0.5 kPa) Restriction	90 CFM (3.5 m ³ /min)
Flow, Max. at 12" H ₂ O (3.0 kPa) Restriction	220 CFM (8.6 m ³ /min)
Secondary Element	Yes
Housing Material	Glass-filled Polyamide
Pre-Cleaner	Integrated
Inlet	90° to outlet 4.0" (103.0 mm)
Outlet	Straight 4.0" (103.0 mm)
Filter Efficiency	≥ 99.90% per ISO 5011

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)	180	5.0
Maximum Flow for 25 g/CFM (892.9 g/m ³ /min)	102	2.8

Dimensions



All dimensions are in inches (millimeters)

Ordering Information

Air Cleaners	
Part Number	Description
AK55710	Direct Flow -Side Inlet -Integrated Pre-Cleaner -With TBAP Sensor

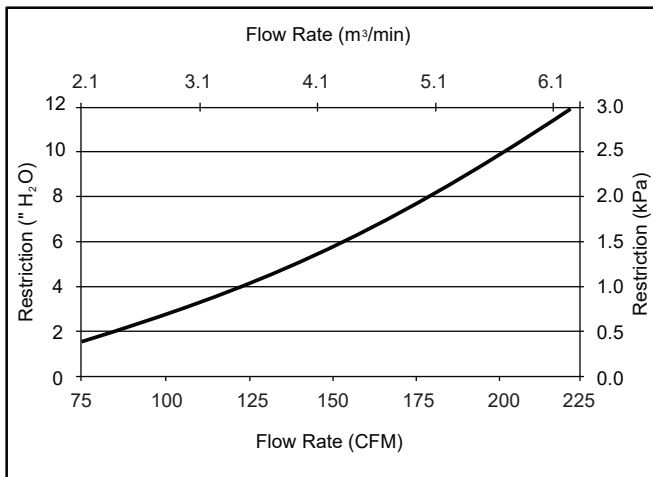
Service Parts	
Part Number	Description
AF55030	Primary Element
AF55321	Secondary Element
AP15910	Pre-Cleaner
SP1079	Front Service Cover
SP1048	Dust Ejector Valve (DEV)

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

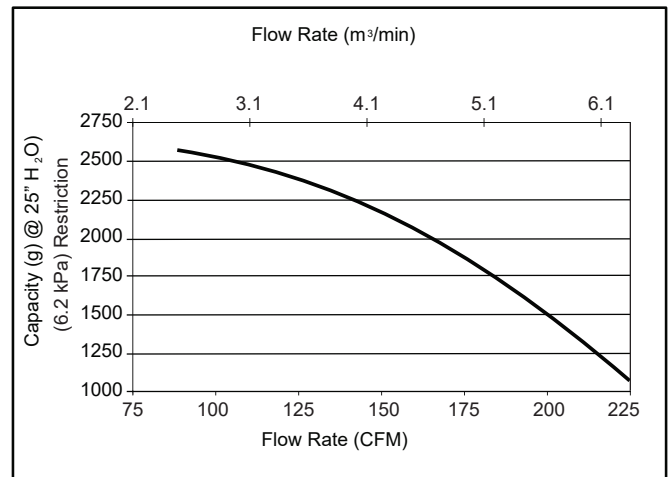
Additional sizes/shapes may be available.
Refer to the Cummins Filtration catalog or website.

Performance

System Restriction vs Flow Rate

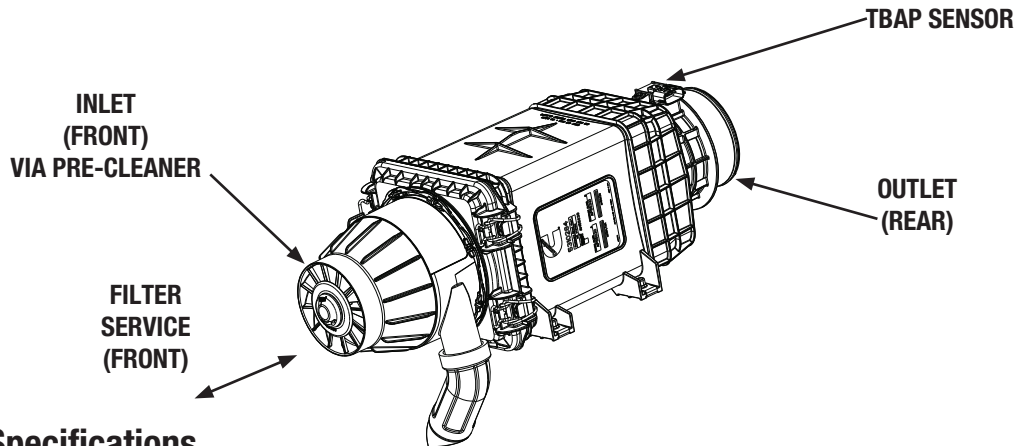


System Capacity vs Flow Rate



Restriction		Flow Rate		Typical Capacity at 25" H ₂ O (6.2 kPa) of Terminal Restriction
in H ₂ O	kPa	CFM	m³/min	Non Aspirated (g)
4	1.0	123	3.5	2400
6	1.5	160	4.5	2100
8	2.0	180	5.1	1800
10	2.5	202	5.7	1475
12	3.0	220	6.2	1250

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



Specifications

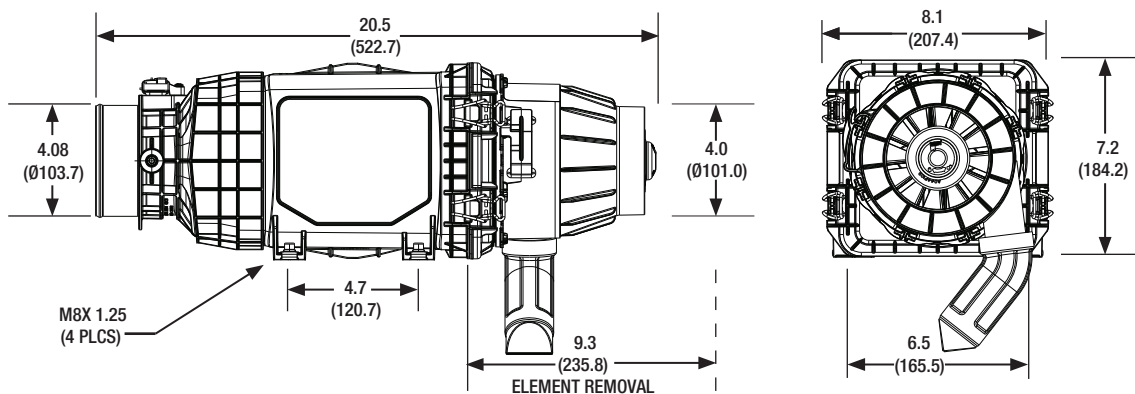
Specification	AK55720
Length, Overall	20.5" (522.7 mm)
Width, Overall	8.1" (207.4 mm)
Height, Overall	7.2" (184.2 mm)
Flow, Min. at 2" H ₂ O (0.5 kPa) Restriction	90 CFM (3.5 m ³ /min)
Flow, Max. at 12" H ₂ O (3.0 kPa) Restriction	220 CFM (6.2 m ³ /min)
Secondary Element	Yes
Housing Material	Glass-filled Polyamide
Pre-Cleaner	Integrated
Inlet	Straight, via Pre-Cleaner 3.97" (101.0 mm)
Outlet	Straight 4.08" (103.7 mm)
Filter Efficiency	≥ 99.90% per ISO 5011

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)	180	5.0
Maximum Flow for 25 g/CFM (892.9 g/m ³ /min)	102	2.8

Dimensions



All dimensions are in inches (millimeters)

Ordering Information

Air Cleaners	
Part Number	Description
AK55720	Direct Flow -Front Inlet -Integrated Pre-Cleaner -With TBAP Sensor

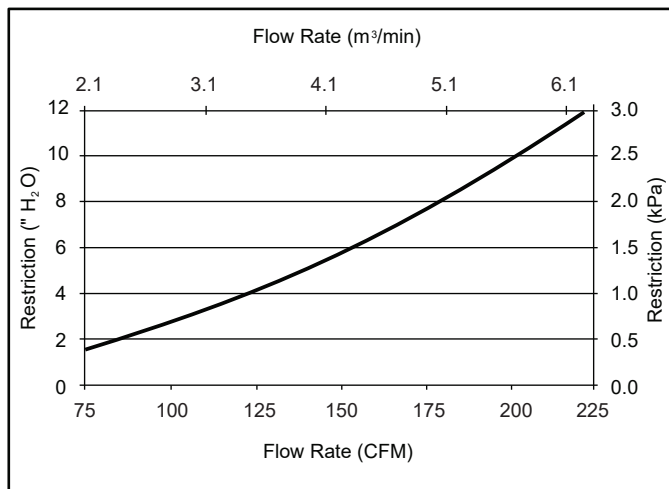
Service Parts	
Part Number	Description
AF55030	Primary Element
AF55321	Secondary Element
SP1080	Front Service Cover
AP15910	Pre-Cleaner
SP1048	Dust Ejector Valve (DEV)

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

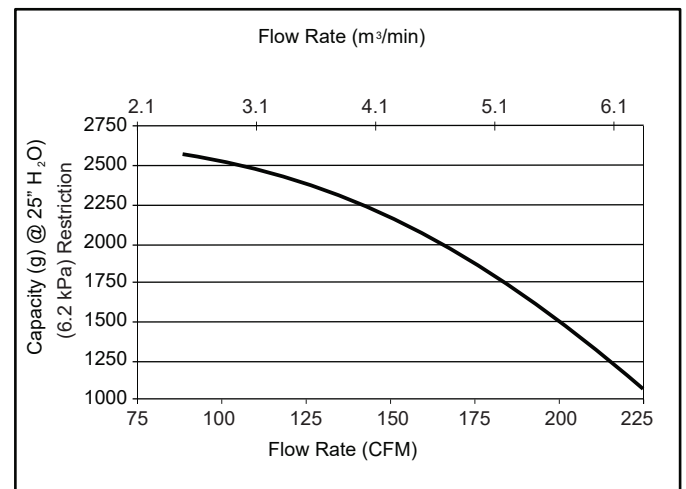
Additional sizes/shapes may be available.
Refer to the Cummins Filtration catalog or website.

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
in H ₂ O	kPa	CFM	m³/min	Non Aspirated (g)
4	1.0	123	3.5	2325
6	1.5	160	4.5	2050
8	2.0	178	5.1	1825
10	2.5	200	5.7	1600
12	3.0	220	6.2	1450

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