



Direct Flow™

Complete Product Range



Proven in the Real World

Fleetguard Direct Flow™ meets Medium and Heavy Duty dust specification requirements and has been lab tested to meet OEM, SAE, ISO, ASTM and JIS test standards. Direct Flow has proven handling capabilities for large debris and snow that causes premature plugging of the pre-cleaner and filter. Cummins Filtration offers a wide array of Direct Flow configurations to meet the needs of equipment applications such as yard spotters, all-terrain cranes, rock drills, log skidders and agricultural tractors. With more than 250,000 air cleaners sold to date, take confidence in Fleetguard Direct Flow air filtration technology to protect your engines.



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Fleetguard is a recognized expert in air filtration with a full line of innovative products. Direct Flow™ is the preferred air cleaner technology and is an integral part of the

Light Duty	Airflow CFM (Min--Max)	Airflow m³/min. (Min--Max)	Direct Flow Series	Housing Part #	Primary Element Part #	Secondary Element Part #	Sensor Unit	Pre-cleaner	Service Cover		
	110-280	3.11-7.93	200	AH55639	AF55030	AF55321	TBAP Sensor	None	SP1080		
	110-288	3.11-8.16		AH55654					SP1079		
	90-220	2.55-6.23		AK55720				AP15910	SP1080		
				AK55708						AP15910 & AP15911 (Pre-cleaner remote adapter)	SP1079
				AK55709							
	AK55710	AP15910									
	188-346	5.32-9.80	390	AH55592	AF55020	AF55312	MAF Sensor	AP15909	SP1042		
	185-341	5.24-9.66		AH55579					SP1041		
	170-308	4.81-8.72		AK55681				AP15903	SP1042		
165-308	4.67-8.72	AK55682									
170-308	4.81-8.72	AH55582		AP15909				SP1042			
165-308	4.67-8.72	AH55583									
175-475	4.96-13.45	AH55641		AF55020	AF55320	TBAP Sensor	None	SP1042			
175-470	4.96-13.31	AH55642					None	SP1041			
145-360	4.11-10.19	AK55692					AP15914 & AP15912 (Pre-cleaner remote adapter)	SP1042			
145-367	4.11-10.39	AK55693							AP15914 & AP15912 (Pre-cleaner remote adapter)	SP1041	
145-360	4.11-10.19	AK55694	AP15914				SP1042				
145-367	4.11-10.39	AK55695	AP15914	SP1041							
191-356	5.41-10.08	585	AH55593	AF55021	AF55312	MAF Sensor	AP15909	SP1042			
			AH55584					SP1041			
175-315	4.96-8.92		AK55683				AP15903	SP1042			
170-311	4.81-8.81		AK55684								
175-315	4.96-8.92		AH55587				AP15909	SP1042			
170-311	4.81-8.81		AH55588								
180-482	5.10-13.65		AH55643	None	SP1042						
180-480	5.10-13.59		AH55644								
155-378	4.39-10.70		AK55696	AF55021	AF55320	TBAP Sensor	AP15914 & AP15912 (Pre-cleaner remote adapter)	SP1042			
			AK55697						None	SP1041	
		AK55698	AP15914				SP1042				
		AK55699						SP1041			



ducts for engines ranging from Tier 1 up to Tier 4.
Cummins solution for Tier 4 Final engines.

Medium Duty	Airflow CFM (Min--Max)	Airflow m³/min. (Min--Max)	Direct Flow Series	Housing Part #	Primary Element Part #	Secondary Element Part #	Sensor Unit	Pre-cleaner	Service Cover
	220-645	6.23-18.26	600	AH55602	AF55005	AF55308	No Sensor	None	SP1400
	200-556	5.66-15.74		AH55555				Integrated	
	200-560	5.66-15.86		AH55604				Integrated	
	180-512	5.10-14.50		AH55603				Integrated	
	180-520	5.10-14.72		AH55605				Integrated	
	220-645	6.23-18.26		AH55598			TBAP Sensor	None	
	200-556	5.66-15.74		AH55508				Integrated	
	200-560	5.66-15.86		AH55600				Integrated	
	180-512	5.10-14.50		AH55599				Integrated	
180-520	5.10-14.72	AH55601		Integrated					
235-635	6.65-17.98	900	AH55556	AF55014	AF55308	No Sensor	None	SP1400	
200-524	5.66-14.84		AH55557				Integrated		
170-506	4.81-14.33		AH55558				None		
220-606	6.23-17.16		AH55559				Integrated		
190-515	5.38-14.58		AH55560				Integrated		
170-499	4.81-14.13		AH55561				Integrated		
235-635	6.65-17.98		AH55543			TBAP Sensor	None		
200-524	5.66-14.84		AH55545				Integrated		
170-506	4.81-14.33		AH55549				Integrated		
220-606	6.23-17.16		AH55542				None		
190-515	5.38-14.58		AH55544				Integrated		
170-499	4.81-14.13		AH55548				Integrated		
270-771	7.65-21.83		1200				AH55562		AF55015
260-690	7.36-19.54	AH55563		Integrated					
240-650	6.80-18.41	AH55564		SP1014					
300-825	8.50-23.36	AK55723		None					
300-825	8.50-23.36	AH55676		None					
270-771	7.65-21.83	AH55546		TBAP Sensor	None				
260-690	7.36-19.54	AH55547			Integrated				
240-650	6.80-18.41	AH55550			Integrated				
300-825	8.50-23.36	AK55722			SP1014				
300-825	8.50-23.36	AH55677			None				



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Heavy Duty	Airflow CFM (Min-Max)	Airflow m ³ /min. (Min-Max)	Direct Flow Series	Housing Part #	Primary Element Part #	Secondary Element Part #	Sensor Unit	Pre-cleaner	Service Cover
	460-1190	13.03-33.7	1800	AH55674	AF55014 (Requires 2)	AF55308 (Requires 2)	No Sensor	SP1014	SP1013
	480-1225	13.95-34.69		AH55673					
	395-950	11.19-26.9		AH55675					
	490-950	13.88-26.9		AH55672					
	640-1190	13.03-33.7		AH55576			TBAP Sensor		
	480-1225	13.59-34.69		AH55589					
	395-950	11.19-26.9		AH55577					
	490-905	13.88-26.9		AH55590					
	597-1609	16.91-45.56	2100	AH55661	AF55024 (Requires 2)	AF55318 (Requires 2)	TBAP Sensor	None	SP1082
473-1208	13.39-34.29	AH55662		Integrated					
470-1208	13.31-34.21	AH55663		None					
622-1643	17.61-46.52	AH55664							
470-1212	13.31-34.21	AH55665		Integrated					
473-1212	13.39-34.32	AH55666							
474-1280	13.42-36.25	AH55668		SP1084					

■ With integrated ports built into the housing, sensors are easily installed and allow users to quickly evaluate the performance of their air cleaning system. By understanding the operating conditions of your filter, you can optimize filter life, reduce filter changes and lower overall maintenance costs.

■ The nylon construction of Direct Flow systems provides a high strength, durable housing that is resistant to extreme operating environments. This modular housing design means easy availability and simple installation for a variety of applications.

Visit these links to learn more about Direct Flow air filtration technology

Fleetguard Direct Flow Air Filtration

<https://www.youtube.com/watch?v=8aZRfAwGH2g>

Servicing Your Direct Flow Air Filter

<https://www.youtube.com/watch?v=qUqOqC8drx0>

10 Step Guide to Servicing Your Direct Flow Air Filtration System

<https://www.cumminsfiltration.com/sites/default/files/LT36483.pdf>

Best Warranty in the Business.

The Cummins Filtration Warranty extends to our entire line of products, ensuring the same promise of performance and coverage beyond the competition. Visit cumminsfiltration.com to learn more about the competitive benefits of the Cummins Filtration Warranty.

