

CASCADE™ HIGH EFFICIENCY HOOD FILTERS

Models: CF-1016, CF-1020, CF-1616, CF-1620, CF-2016CF-2020, CF-2025

The Cascade Advantage...

Franke Cascade Replacement Hood Filters capture more grease than standard filters, reduce grease damage to fans and roof, have lower static pressure than other comparable filters and have little impact on existing fans and hood performance.



High Performance

- 270% more efficient than standard baffle filters (at 8 microns capture)
- Removes 33% more grease than standard grease filters in field test
- Reduces grease buildup in ducts and fans
- Less grease buildup on your roof
- Reduces fan and roof maintenance
- Lowers annual duct cleaning bills

Easy to Maintain

- Only require once-a-day cleaning
- Remove quickly for easy crew cleaning
- Two-piece hinged design opens without tools
- Can be cleaned in sink or dishwasher with standard cleaners

Cascade™ Filters are **GREEN** and easy to clean!



Cost Efficient

- Half the cost of other high efficiency filters
- Lower static pressure than comparable filters
- Less impact on existing exhaust fans
- Can pay for themselves in savings in 1-2 years

Simple Retrofit

- Available in most standard sizes
- Replaces standard 2" deep filters
- Can be used with a Franke UVC Exhaust Air Cleaner System for even higher extraction

Environmental

- Reduce air pollution and odors
- Increased grease collection for recycling
- Reduce use of caustic cleaning chemicals
- Fewer duct cleanings save energy and water



ATSM 2519-05 Certified



Complies with NFPA 96 filter requirements



ETL Listed to UL-1046 & UL-S649

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Size Ordering Guide

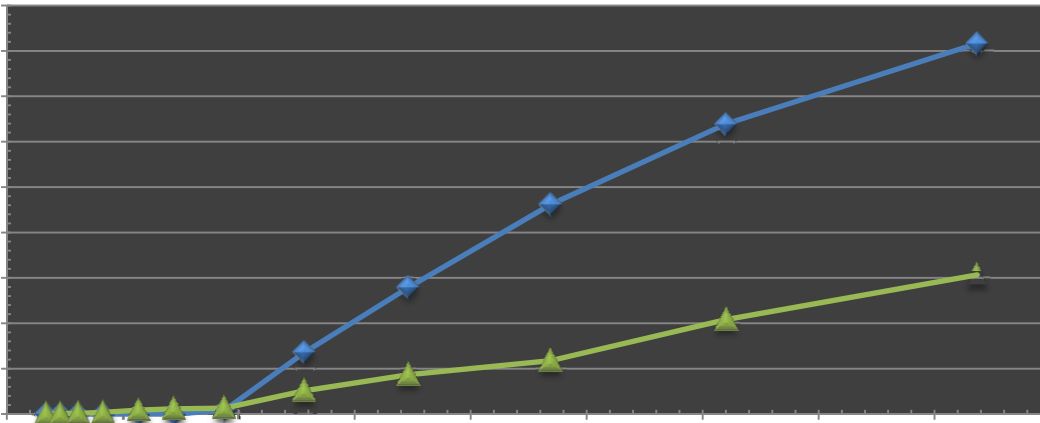
Model Part #	Nominal			Actual			Weight
	Height	Length	Depth	Height	Length	Depth	
CF-1016 19001954	10"	16"	2"	9.5" [243mm]	15.5" [393mm]	1.5" [51mm]	6.2 lbs [2.8 kg]
CF-1020 19001953	10"	20"	2"	9.5" [243mm]	19.5" [493mm]	1.5" [51mm]	7.8 lbs [3.5 kg]
CF-1616 19001952	16"	16"	2"	15.5" [393mm]	15.5" [393mm]	1.5" [51mm]	10.1 lbs [4.6 kg]
CF-1620 19001957	16"	20"	2"	15.5" [393mm]	19.5" [493mm]	1.5" [51mm]	12.7 lbs [5.8 kg]
CF-2016 19003025	20"	16"	2"	19.5" [493mm]	15.5" [393mm]	1.5" [51mm]	12.7 lbs [5.8 kg]
CF-2020 19003024	20"	20"	2"	19.5" [493mm]	19.5" [493mm]	1.5" [51mm]	16 lbs [7.3 kg]
CF-2025 19003026	20"	25"	2"	19.5" [493mm]	24.5" [622mm]	1.5" [51mm]	20.1 lbs [9.1 kg]

Static Pressure

CFM	CF-1016	CF-1020	CF-1616	CF-1620	CF-2016	CF-2020	CF-2025
200	0.32	0.21	0.06	0.06	0.06	0.06	0.06
225	0.40	0.26	0.07	0.08	0.08	0.07	0.06
250	0.48	0.32	0.08	0.10	0.10	0.09	0.07
275	0.60	0.39	0.09	0.12	0.12	0.11	0.07
300	0.68	0.46	0.13	0.13	0.13	0.12	0.07
325	0.81	0.55	0.16	0.15	0.15	0.13	0.08
350	0.93	0.63	0.19	0.16	0.16	0.14	0.09
375	1.05	0.72	0.22	0.17	0.17	0.14	0.11
400	1.18	0.82	0.24	0.19	0.19	0.15	0.13
425	1.32	0.91	0.27	0.21	0.21	0.16	0.14
450	1.45	1.02	0.30	0.22	0.22	0.17	0.15
475		1.15	0.34	0.23	0.23	0.18	0.16
500		1.28	0.37	0.25	0.25	0.19	0.08
525			0.40	0.28	0.28	0.20	0.19
550			0.43	0.31	0.31	0.22	0.21
575			0.46	0.34	0.34	0.23	0.22
600			0.50	0.38	0.38	0.25	0.24
625						0.28	0.26
650						0.31	0.28
675						0.34	0.30
700						0.38	0.32

ATSM Tested to be up to 270%* more efficient than standard baffle filters:

* Relative capture rate from 2 to 8 micron particle size



Filter Type	ASTM Certified Efficiency	Static Pressure †	Hood Changes required
Standard Baffle	30%	.21" @ 250 CFM	None
Franke Cascade™	82%	.33" @ 250 CFM	Possible fan pulley adjustment
Other High Performance	96%	2.0" @ 250 CFM	Replace fan pulleys, belts and motor or entire fan

† The Franke Cascade™ filter has 1/6th the static pressure of competitive high performance filters. In most retrofit situations only a pulley adjustment is needed. Other filters having higher static may require costly fan changes.

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