



# DAFF FILTER DETAILS®

DAFF

Address: 2<sup>nd</sup> New Industrial City, Riyadh, K.S.A

DAFF HVAC (Heating, Ventilation, and Air Conditioning) is the technology of indoor and vehicular environmental comfort. HVAC system design is a sub discipline of Mechanical Engineering of DAFF Lab, based on the principles of Thermodynamics, Fluid mechanics, and Heat Transfer. Filter containing MERV Rating from 1 to 16 to help and conduct the effectiveness of the filter MERV means Minimum Efficiency Reporting Value which was Developed by the AMERICAN SOCIETY OF HEATING, REFRIGERATION & AIR CONDITIONER ENGINEERS (ASHRAE 52.1 1992)

DAFF Filtration is typically placed first in the AHU in order to keep all the downstream components clean. Depending upon the grade of filtration required, typically filters will be arranged in two (or more) successive banks with a coarse-grade Panel Filter provided in front of a fine-grade Bag Filter for more can be use the Final Filter.

DAFF Filtration has been testing under the AFTL Standard with ASHRAE , as DAFF has his own laboratory to test the filters under the filter testing equipments after complete the product and then approval from the engineer, from this services we are getting more new customers attracting to our product as below choice able products with MERV Rating and Filter Efficiency Guide.

DAFF Part No	Nominal Sizes WxHxD. In	Grade EN Guide	RATING	AFTL ASHRAE	Initial $\Delta$ (Pa)	CFM (m <sup>3</sup> /hr)		Arrestance %	Filter Type
						MEDIUM	HIGH		
DUST17	12" x 24" x 1"	G3 / EN779	MERV 1-4	20 – 25%	40			70 – 75%	Disposable Panel Filter
DUST18	24" x 24" x 2"	G3 / EN779	MERV 1-4	20 – 25%	50			80 – 85%	Disposable Panel Filter
DWAF09	24" x 24" x 2"	G3 / EN779	MERV 3	20 – 25%	30			70 – 75%	Aluminum Media Air Filter (Washable Aluminum Mesh)
DATO51	Upon Request	G3 / EN779	MERV-5	20 – 25%	40			80 – 25%	Aeromatic Roll (Auto Roll)
DKUB52	24" x 24" x 15"	G4 / EN779	MERV-6	20 – 30%	50			85 – 95%	Cube Filter
DSPF27	12" x 24" x 1"	G4 / EN779	MERV-8	25 – 40%	80	350(595)	700(1190)	90 – 98%	Super Pleated Filter (Standard)
DSPF27	24" x 24" x 1"	G4 / EN779	MERV-8	25 – 40%	80	390(663)	775(1317)	90 – 98%	Super Pleated Filter (Standard)
DSPF28	12" x 24" x 2"	G4 / EN779	MERV-8	25 – 40%	55	500(850)	1000(1700)	90 – 98%	Super Pleated Filter (Standard)
DSPF28	24" x 24" x 2"	G4 / EN779	MERV-8	25 – 40%	55	1000(1700)	2000(3400)	90 – 98%	Super Pleated Filter (Standard)
DSPF29	12" x 24" x 4"	G4 / EN779	MERV-8	25 – 40%	50	500(850)	1000(1700)	90 – 98%	Super Pleated Filter (Standard)
DSPF29	24" x 24" x 4"	G4 / EN779	MERV-8	25 – 40%	50	1000(1700)	2000(3400)	90 – 98%	Super Pleated Filter (Standard)
DCPF30	24" x 24" x 1"	G4 / EN779	MERV-8	25 – 40%	60	700(1190)	1400(2380)	90 – 98%	Super Pleated Filter (High)
DCPF31	24" x 24" x 2"	G4 / EN779	MERV-8	25 – 40%	70	1000(1700)	2000(3400)	90 – 98%	Super Pleated Filter (High)
DCPF32	24" x 24" x 4"	G4 / EN779	MERV-8	25 – 40%	65	1000(1700)	2000(3400)	90 – 98%	Super Pleated Filter (High)
DSFM	2MtrX20Mtr	G3 / EN779	F9	35 – 45%	35			85 – 95%	Polyester Media 100%
DARO62	12" x 24" x 12"	F9/EN1822	MERV-14	90 – 95%	150	900(1530)	1000(1700)	90 – 95%	Aerocel Compact Filter
DARO62	24" x 24" x 12"	F9/EN1822	MERV-14	90 – 95%	150	1800(3060)	2000(3400)	90 – 95%	Aerocel Compact Filter
DRIG46	12" x 24" x 12"	F9/EN779	MERV-14	90 – 95%	50	500(850)	600(1020)	90 – 95%	Rigid Box Filter
DRIG46	24" x 24" x 12"	F9/EN779	MERV-14	90 – 95%	50	1000(1700)	1200(2040)	90 – 95%	Rigid Box Filter
DMIC63	12" x 24" x 12"	H14/EN1822	H13/99.95%	99.995%	250	500(850)	525(893)	99.99%	HEPA Filter
DMIC63	24" x 24" x 12"	H14/EN1822	H13/99.95%	99.995%	250	1000(1700)	1150(1955)	99.99%	HEPA Filter

We have many more details of the filters even we are producing the CARBON Filter with many varieties like Panel, Pleated, Bag and Rigid Box Filter, with MERV 8.

**DESERT AIR FILTER FACTORY CO (DAFF)**

Address: 2<sup>nd</sup> New Industrial Area, P.O.Box: 980, 11383, Riyadh, K.S.A

Tell: 00966-11-2650567, Fax: 00966-11-2650287, Email: [info@daff.com.sa](mailto:info@daff.com.sa)