



Series
DF

Pleated Filters

Moisture Resistant Frame and Synthetic Media

AIR QUALITY

Air Filters

Filter Depth	Medium Velocity (FPM)	Initial Resistance Medium Velocity (in w.c.)	High Velocity (FPM)	Initial Resistance High Velocity (in w.c.)
1"	375	0.18	500	0.38
2"	375	0.13	500	0.19
3"	500	0.12	625	0.18

The Series DF Pleated Filters are ideal for nearly all commercial, industrial, and health care applications where an efficient, long-life filter is desired. An automated construction process provides the quality, consistency, and performance that other hand assembled pleated filters simply cannot match. Utilizing premium, synthetic material and an advanced design, the MERV 7 filters are able to withstand considerable abuse from shipping and handling without damage. For applications requiring higher levels of air filtration, MERV 8, MERV 10, and MERV 13 filters protect HVAC equipment from dust/dirt or airborne irritants in sensitive settings. These filters add an expanded metal grid on the air exiting side and a die cast frame to provide exceptional strength during both installation and operation. The thermally bonded synthetic media is not adversely affected by high humidity applications, as is typically the case in conventional cotton blend/resin bonded pleat media. The DF is suitable for a variety of environments ranging from dry to high humidity.

FEATURES

- Low resistance improves air flow and can greatly reduce energy costs
- 100% recyclable moisture resistant paperboard frame
- 100% synthetic media inhibits biological growths
- Initial resistances as low as 0.17 in w.c.

APPLICATIONS

Designed for the use in commercial buildings, hotels, industrial filtration, airports, schools, and universities

Filter Depth	MERV Rating	Medium Velocity (FPM)	Initial Resistance Medium Velocity (in w.c.)	High Velocity (FPM)	Initial Resistance High Velocity (in w.c.)
1"	8	375	0.18	500	0.38
	10	375	0.15	500	0.30
2"	7	300	0.14	500	0.28
	8	375	0.13	500	0.19
	10	375	0.11	500	0.17
	13	375	0.24	500	0.38
3"	8	500	0.12	625	0.18
	10	500	0.11	625	0.17
	13	500	0.23	625	0.34

SPECIFICATIONS

Service: Air.

Filtration Efficiency: MERV 7, MERV 8, MERV 10, MERV 13 (depending on model).

Temperature Limits: 150°F (65.6°C) for MERV 7 and MERV 13; 200°F (93.3°C) for MERV 8 and MERV 10.

Recommended Final Resistance: 1.0 in w.c.

Initial Resistance: See website for initial resistance graphs.

Series	DF	7	24	24	2	Example: DF7-24x24x2
Filtration Efficiency		7				MERV 7
		8				MERV 8
		10				MERV 10
		13				MERV 13
Length			8			8 in
			10			10 in
			12			12 in
			14			14 in
			15			15 in
			16			16 in
			18			18 in
			20			20 in
			24			24 in
			25			25 in
			28			28 in
	Width				10	
				12		12 in
				16		16 in
				18		18 in
				20		20 in
				22		22 in
				24		24 in
				25		25 in
				29		29 in
				30		30 in
Depth					1	1 in
					2	2 in
					4	4 in

Note: Each model includes 6 filters.

Note: View website for complete listing of available models and air flow capacity tables