

# Engineered Filtration CONICAL/CYLINDRICAL FILTER

## Systems

### Description

Designed specifically for use in self-cleaning (pulse) gas turbine inlet air systems.

Provides exceptionally low pressure drop at high efficiency levels. M14-16, HEPA E10-E12

These filter cartridges provide an optimized ratio between filtering area, fold depth and number of folds for high dust holding capacity.

Zinc coated, moisture resistant expanded metal cartridge protects against rust and corrosion.

These depth loading cartridge filters are especially powerful when dust concentrations are low and/or the dusts concerned are highly adhesive.



Zinc Coated

#### Efficiency

SYN-TECH	MERV15/F9 – 0.69"wc
SYN-FINE	MERV16 – 0.74"wc
ULTRAFINE	E10/E12 – 0.79-0.93"wc

**Dust Holding** 1500g – 4240g @ 4"wc

**Burst Strength** >25" wc Final Resistance

**Material** Galvanized or Stainless Steel  
Polyurethane Potting & Neoprene Gasketing

**Media** Synthetic Blend w/Nanofilter

**Application** Wet Coastal Applications & Dry,  
Dusty for Max Pulsing

#### PART NO. SIZE

GDX-8020-CON-26	16" x 26" (406mm x 660 mm)
GDX-8020-CON-34	17 <sup>1/2</sup> " x 34" (445 mm x 864 mm)

#### PART NO. SIZE

GDX-8020-CYN-26	12 <sup>3/4</sup> " x 26" (324mm x 660 mm)
GDX-8020-CYN-34	12 <sup>3/4</sup> " x 34" (324mm x 864 mm)

Frazier Permeability (CFM/sq. ft. @ 0.5" w.g.)	14	0.3-0.4	97.35%
Test Flow Rate	460 CFM	.04-.05	98.07%
Initial Resistance	0.45" w.g.	.05-.06	98.63%
Final Resistance	4.0" w.g.	.06-.08	98.83%
Test Dust	SAE Fine	.08-1.0	99.17%
Test Dust Feed Rate	2.0 g//1000 cu. ft.	1.0-1.5	99.15%
Dry Mullen Burst	40 psi	1.5-2.0	99.15%
Equivalent BIA Rating	U, S, G, C	2.0-3.0	99.17%

### Features

Zinc Coated expanded metal provides strength and protection against rust and corrosion.

Optional Medias  
Blended - MERV 11-15  
Synthetic - MERV 15/16  
Hybrid Nano/HEPA - E10-E12

Low Energy and Heavy Duty.

Air medium with polyester enhanced dimensional stability and integrity.

Media is resistant to moisture and humidity.

Tested & Verified, 52.2 & EN779



GDX

For your nearest dealer call:  
1.800.796.4EFS (4337)  
EngineeredFiltrationSystems.com

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CONICAL & CYLINDRICAL FILTER