

EZ Carb™ Activated Carbon Filter

The Odorant Stops Here.

Services: Operations, System Design | Industries: Gas Utilities, Renewable Natural Gas, Gas Refineries

The EZ Carb™ Filter System is MRR's patented activated carbon filtration solution for odorant vapor control and gas stream conditioning. Available in both active (blower-assisted) and passive (diffusion) configurations, it delivers longer service life, lighter handling, and lower lifecycle costs than comparable systems on the market. Designed and built in North America.

Active Configurations

	EZ-030A	EZ-055A	EZ-055D	EZ-055A-XS	EZ-030E
Description					
Description	Attached electrical motor	Attached electrical motor	Detached electrical motor	Extended suction inlet	Compressed air amplifier
Physical					
Drum Volume	30 US gal	55 US gal	55 US gal	55 US gal	30 US gal
Diameter	20"	24"	24"	24" drum / 35" w/ extension	20"
Total Height	46"	50"	43"	58"	36"
Drum Height	30"	34"	34"	34"	30"
Drum Construction	DOT-approved 18-gauge steel drum with air distributor inside	DOT-approved 18-gauge steel drum with air distributor inside	DOT-approved 18-gauge steel drum with air distributor inside	DOT-approved 18-gauge steel drum with air distributor inside	DOT-approved 18-gauge steel drum with air distributor inside
Total Weight	190 lbs	270 lbs	285 lbs	330 lbs	165 lbs
Carbon Weight	110 lbs	180 lbs	180 lbs	180 lbs	110 lbs
Motor + Frame Wt.	—	—	35 lbs	—	—
Connections					
Inlet ABS Fitting	3" I.D. / 3.5" O.D.	4" I.D. / 4.5" O.D.	4" I.D. / 4.5" O.D.	4" I.D. / 4.5" O.D.	3" I.D. / 3.5" O.D.
Suction Hose Dia.	4.5" I.D.	4.5" I.D.	4.5" I.D.	4.5" I.D.	4.5" I.D.
Suction Hose Length	12 ft	12 ft	12 ft	18 ft	12 ft
Outlet Diameter	4" O.D.	4" O.D.	4" O.D.	4.5" O.D.	4.5" O.D.
Electrical Cord	8 ft	8 ft	8 ft	8 ft	—
Motor / Amplifier					
Motor / Amplifier	1/3 hp — 3450 rpm — 115/230 V — Ph 1 — Class B — Des N —	1/3 hp — 3450 rpm — 115/230 V — Ph 1 — Class B — Des N —	1/3 hp — 3450 rpm — 115/230 V — Ph 1 — Class B — Des N —	1/3 hp — 3450 rpm — 115/230 V — Ph 1 — Class B — Des N —	Intrinsically safe air amplifier. 80 psig compressed air. Amplifier

	Code K. Flow: 200 cfm	Code K. Flow: 200 cfm	Code K. Flow: 200 cfm	Code K. Flow: 200 cfm	inlet: 1/2" NPT female
UL Listing	Class I Group D; Class II Group F&G; Class I Zone I Group-IIA	Class I Group D; Class II Group F&G; Class I Zone I Group-IIA	Class I Group D; Class II Group F&G; Class I Zone I Group-IIA	Class I Group D; Class II Group F&G; Class I Zone I Group-IIA	—
Configuration Notes					
Configuration Notes	—	—	2.5" I.D. (8 ft) hose connects drum exhaust to detached motor in frame	4" I.D. ABS pipe & elbows; extension ends 12" above ground with 4.5" O.D. (6"-long) end- piece	—

Passive Configuration — 55-Gallon (MAT-EZP-055)

Performance	
Flow Capacity	50 SCFH (passive diffusion, no blower)
Physical	
Drum Volume	55 US gal
Dimensions	24" Ø × 37" OAH (34" drum height)
Carbon Weight	200 lbs activated carbon
Total Weight	265 lbs
Drum Construction	High molecular weight HDPE tight head drum with handles. Air distributor inside.
Connections	
Inlet Fitting	3/4" Swagelok
Outlet	3/4" street elbow, screened, plugged. Female end extending out.

Performance Advantages

- Extended lifespan through optimized carbon-bed design and even air distribution
- Lighter build compared to standard carbon filtration systems
- Patented design protecting the proprietary air distributor and blower configuration
- Plug-and-play setup with pre-wired explosion-proof motor and integrated fittings
- Reusable hardware with MRR's streamlined cartridge-exchange service

Full Service Support

From filter installation to spent-carbon recycling, MRR provides complete lifecycle management. Our technicians deliver new cartridges, remove used units, and ensure compliant handling, keeping your operations clean, efficient, and uninterrupted.

Contact MRR to order the EZ Carb™ or discuss filtration requirements for your system.