

Introducing Technology Today for Clean Air Tomorrow

# ECONIX<sup>®</sup> by SK energy DPF-A

Diesel Emission Control Products

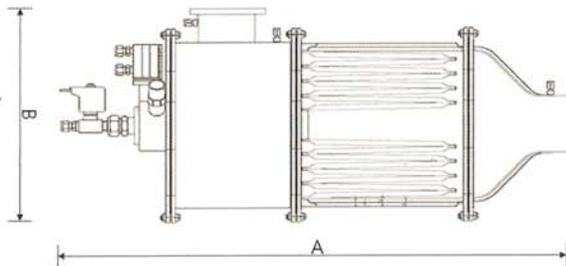
## Active Diesel Emission Reduction Technology

Econix<sup>®</sup> DPF-A is an active diesel particulate filter (DPF) that uses an advanced metal fiber filter to trap diesel particulate matter (PM) contained in diesel engine exhaust gas. This innovative emission reduction technology is capable of reducing PM by 85% or greater and provides sustainable emission reduction without the use of a catalyst. Independent of vehicle/equipment duty-cycles, the Econix DPF-A's robust design does not require minimum engine exhaust temperatures or the use of ultra-low sulfur diesel (ULSD) for sustainable emission reductions or operation. The Econix DPF-A provides operators with the compliance solution to meet the air quality requirements of both the California Air Resources Board (CARB) and the Environmental Protection Agency (EPA).



## ECONIX DPF-A Specifications

Emission Reductions	PM $\geq$ 85% (CARB Level 3+)
Exhaust Temperature Requirement	No minimum duty-cycle or exhaust temperature requirements
Regeneration Time	5-10 minutes
Regeneration Period	1 regeneration per 8-10 hour shift
Regeneration Mode	Vehicle at rest and engine at idle
Installation	Replaces existing muffler; mounted horizontally or vertically
Sound Attenuation	Equivalent to OEM muffler
Smoke Reduction	$\geq$ 90%
Fuel Compatibility	ULSD, LSD, HSD
Fuel Economy Penalty	$\leq$ 2%
Engine Performance Penalty	$\leq$ 2%
Econix DPF-A Total Weight (includes hardware and components)	175 pounds



General Dimensions | A: 42.6 inches, B: 15.8 inches

## Features and Benefits

- CARB Level 3+ ( $\geq$ 85%) diesel emission control strategy
- Meets CARB NO<sub>2</sub> compliance standards
- Eligible for local, state and federal funding programs
- Reductions claimable for SIP or transportation conformity
- Any sulfur content fuel can be used
- Filter sizes are available for a broad range of engine and vehicle applications
- Vertical or horizontal configuration allows installation on all vehicle applications while still providing fast regeneration
- Uniform stainless steel construction guards against thermal breakdown and allows for fast regeneration
- Advanced monitoring system provides diagnostics and data storage

## Econix Diesel Emission Control Products

- Econix product line was introduced in the early 1990's
- 20,000 Econix units have been installed worldwide
- Other Econix Diesel Emission Control Products: Econix L103, Econix DPF-N, Econix DNX, Econix DPF-P, and Econix DOC

## About SK Energy & Boshart Engineering

- The Econix product line is engineered and manufactured by SK Energy of Seoul, Korea
- SK Energy was founded in 1962 and has grown into a \$25 billion company
- Boshart Engineering was founded in 1999 and is headquartered in Ontario, California. Boshart Engineering has US offices in Colorado, Michigan and Minnesota, and an international office in Seoul, South Korea.
- Boshart Engineering and SK Energy partnered in 2007 to introduce the Econix product line in North America



For a quote and/or additional information, please contact us at: 909-466-1602

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