

LINE CARD

POWERVEX PRODUCTS

PowerVex – Air-to-Liquid Waste Heat Recovery Units

PowerVex is a line of waste heat recovery units that convert exhaust heat into hot water or other liquid. The units are very versatile and offer up to 300% more savings by physical size compared to traditional economizers. The systems can cut fuel use by 5–10% and often pay for themselves in under two years. They're both cost-effective and align with ESG goals.



PowerVex Safe Plate

The PowerVex SP heat recovery unit captures surplus energy from flue gases and process exhaust. Hot flue gases or process air pass through an integrated bypass when no heat is needed, preventing overheating. The units are compact and space-saving.

Max. Capacity: 1,700,000 Btu /500kW
Max Temp (Air): 750°F (400°C)
Max Temp (Fluid): 212°F (100°C)
Material: Stainless Steel 316L
Fuels: LP/NG/#2 Oil
Use: bakeries, food production



PowerVex RHX

The PowerVex RHX Waste Heat Recovery System is a cutting-edge, turnkey solution for capturing and recycling excess heat from most processes. Easy to install. Simply connect to venting, water and power.

Max. Capacity: 3,400,000 Btu /1,000kW
Max Temp (Air): 750°F (400°C)
Max Temp (Fluid): 212°F (100°C)
Material: Stainless Steel 316L / Galv. steel
Fuels: LP/NG

Use: bakeries, food production,



PowerVex VHX

The PowerVex VHX is a highly versatile and efficient single or double-row flue gas heat recovery unit fully packaged with integrated modulating bypass. Hot exhaust can pass through the bypass, if needed. The units are compact and space-saving.

Max. Capacity: 17,500,000 Btu /5,000kW
Max Temp (Air): 1100°F (600°C)
Max Temp (Fluid): 212°F (100°C)
Material: Stainless Steel 316L
Fuels: LP/NG

Use: bakeries, food production, and metal processing



PowerVex DCX

The direct-contact PowerVex DCX is our most efficient flue gas heat recovery system for steam, hydro-nic and thermal oil boilers. Its cylindrical & lightweight configuration allows ultimate heat transfer capability and low flow resistance.

Max. Capacity: 100,000,000 Btu /30,000kW
Max Temp (Air): No limit
Max Temp (Fluid): Air stream wet bulb temperature
Material: Stainless Steel 316L
Fuels: LP/NG/#2 oil

Use: industrial, metal processing, food processing

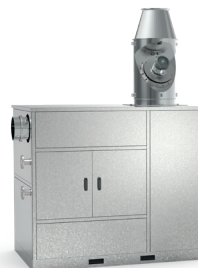


PowerVex HCU

The PowerVex HCU Heat Conversion Unit is the ultimate, turnkey skid solution. It is fully designed and packaged to combine easily with a PowerVex system to maximize heat recovery and CO2 reduction.

Max capacity (per module): 1,350,000 Btu / 400kW
Heating COP: 3.7
Cooling COP: 2.7
Combined COP: 6.3

Use: bakeries, industrial, metal processing, food processing



PowerVex UCX

The modular PowerVex DCX is our most versatile flue gas heat recovery. Its modular, skid-mounted design allows customization and configuration to the customer's need. Flexible mounting includes roof installation.

Max capacity (per module): 40,000,000 Btu/ 12,000kW
Max Temp (Air): 1100°F (600°C)
Max Temp (Fluid): 212°F (100°C)
Material: Stainless Steel 316L
Fuels: LP/NG

Use: bakeries, industrial, metal processing, food processing

LINE CARD

EXHAUST SYSTEMS

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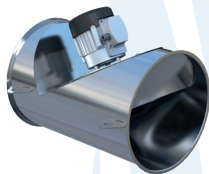
Toll Free: 800.255.2923
Phone: 770.587.3238
www.enervex.com

Integrated Exhaust Solutions For Any Project

ENERVEX offers fully integrated mechanical exhaust and heat recovery systems—engineered, manufactured, and supplied by one company. Our true “End-to-End Design & Supply” are efficient, sustainable, reliable, and code-compliant for commercial and industrial applications worldwide. Backed by the best performance guarantee in the business.

Mechanical Draft and Exhaust

Our air movement and draft control products serve both general and specialized exhaust applications. Integrated draft and pressure controls allow full airflow modulation tailored to your project needs.

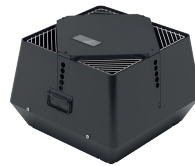


TDF – Inline Power Venter

A ruggedly built high-temperature exhaust fan designed for inline or termination mounting. For vertical or horizontal installation indoors or outdoors.

Max. Capacity: 29,000 CFM / 49,300 m³/hr
Max Temp: 1400°F (760°C)
Material: Stainless Steel 316L
Motor: EC, TEFC, Class H
UL Listed

Use: Combustion appliances, process ovens



RSV – Chimney Termination Fan

High-temperature mechanical draft fan designed for termination mounting. For vertical or horizontal installation. Used with condensing or non-condensing heating appliances.

Max. Capacity: 4,000 CFM / 6,800 m³/hr
Max Temp: 575°F (300°C)
Material: Cast Aluminum
Motor: Induction, TEFC, Class H
ETL Listed

Use: Combustion appliances, ovens

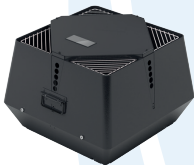


BEF – Box Ventilator

Multi-use, high performing, variable-volume centrifugal exhaust box fan designed for indoor and outdoor installation. Can be used for special exhaust or exhaust of lint-laden air or to supply make-up air and combustion air.

Max. Capacity: 32,000 CFM / 54,000 m³/hr
Max Temp: 400°F (760°C)
Material: Galv. Steel and aluminum
Motor: EC, TEFC, Class H
UL Listed / AMCA rated

Use: General exhaust, dryer exhaust

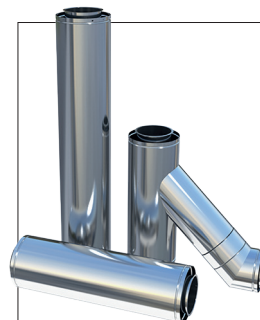


EFV – Rooftop Exhaust Fan

Multi-use, high performing, variable-volume centrifugal exhaust fan designed for outdoor termination installation. Can be used for special exhaust or exhaust of lint-laden air.

Max. Capacity: 4,000 CFM / 6,800 m³/hr
Max Temp: 575°F (300°C)
Material: Cast Aluminum
Motor: Induction, TEFC, Class H
ETL Listed

Use: General exhaust, dryer exhaust



PowerStack® – Chimney

PowerStack is a state-of-the-art, multi-application single or double wall chimney product designed to convey gases, particles, fumes, smoke, grease and products of combustion.

Sizes: 4" to 48"ID / 100mm to 1200mm ID
Max Temp: 1400°F (200°C)
Material: Stainless Steel 316L-PCM
UL Listed

Use: Combustion appliances, generators, ovens, grease hoods



EBC/MEC Modulating Pressure Controller

Single or multi-use draft and pressure controllers with integrated webserver and remote access used with fans and dampers to monitor and maintain a constant pressure in commercial boiler and building applications.

Models: 4
Range of Operation: -1 to + 1 inWC / -250 to 250 Pa
Output: 10-120VAC / 0-10 VDC
ETL / UL Listed

Use: Fans, ventilators, dampers



MDF/ADF Modulating Control Dampers

Our line of mechanical draft and exhaust systems include modulating dampers to ensure appliance connectors and exhaust system can work together seamlessly.

Sizes: 4" to 48"ID / 100mm to 1200mm ID
Max Temp: 1400°F (200°C)
Material: Stainless Steel 316L-PCM
UL Listed

Use: Combustion appliances, generators, ovens, grease hoods