

Spencer® Newsmakers

Spencer engineers develop GasCube™ series – the industry's highest performing hermetic natural gas booster skid package

The GasCube™ series hermetic natural gas booster skid package is the latest industry-leading innovation from The Spencer Turbine Company's in-house mechanical and electrical engineering experts, the company announced.

Backed by Spencer's nearly 120 years of technical experience, the GasCube series provides the highest levels of performance among natural gas boosters. At the same time, because it is easy to install and connect to field power and gas lines, the UL Listed GasCube series is ideal for customers who need to complete projects on tight deadlines.

The [GasCube natural gas booster](#) skid package is a ready-to-go solution, shipped prewired, prepiped, and factory tested. It is only 36" wide x 50" long x 76" high on the 20, 21 and 24 series. And this compact footprint delivers the highest performance – with the capability of boosting utility street-pressure levels by as much as 83 inches WC with volumes to 240,000 CFH. These are the best performance ratings available.

Set-point adjustments are made on the GasCube series using a pre-engineered PLC control panel with an operator interface terminal (OIT). Spencer's control panel, in a weatherproof NEMA 4 cabinet, is pre-engineered to monitor actual flow (CFH) based on current (Amps), and monitor motor temperature to prevent overheating. The data is displayed at the OIT. A combination starter is provided for power distribution and protection to the booster motor. The main disconnect switch/circuit breaker combines with a motor starter and overload relay to provide proper motor protection.

In addition, a standard recirculation valve control is included on systems that require lower operating flows than the specified gas booster rated flow. If the gas flow is required to go below the allowable operating range, a modulating recirculation valve with an air-cooled heat exchanger will be installed in the recirculation loop to keep the flow just above the minimum to ensure reliable motor operation.

Spencer introduced the first [UL Listed hermetic gas booster](#) in 1975. The GasCube series is Spencer's latest hermetic natural gas booster product to employ the company's unique standard overhung motor construction, which uses continuous gas flow around the motor to extend life. It is the ideal solution for industrial, commercial and institutional applications including schools, housing complexes, warehouse/distribution centers, manufacturing plants, healthcare facilities, office buildings, restaurants, and sports arenas.



Spencer's local sales representatives and in-house sales and engineering groups are always available to provide technical expertise and to assist our customers with product selection and design. They are also available to be on site to assist with start-up, as well as owner and operator training. Spencer can provide the GasCube series to meet specific requirements, including outdoor and duplex installations, remote location of the control panel, and other variations.

Additional optional accessories are also available, including check valves, pressure regulators, low- and high-discharge pressure switches, and enhanced control features. Refer to Spencer Bulletin No. 515 for GasCube product details. To consult with a Spencer representative on natural gas booster needs, call 800-232-4321 or visit <http://www.spencerturbine.com/>.

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About The Spencer Turbine Company

The Spencer Turbine Company is a privately held, U.S.-owned and -operated manufacturer and servicer of blowers and gas boosters, vacuum systems and separators, and related system accessory products. Based in Windsor, CT, Spencer has applied a unique Engineering Edge since 1892 to create innovative solutions for air and gas handling problems. The company is a world leader in addressing wide-ranging energy and environmental solutions across industries and applications that include nuclear, coal, gas, oil, electric and emerging technologies such as fuel cells and hydrogen systems. The company also provides solutions for digester gas and landfill gas recovery and utilization; barge vapor extraction; combustion air delivery; wastewater treatment aeration; soil remediation; emission control; flue gas desulfurization processes, central vacuum systems for plant-wide cleanliness; and waste material reclamation and recycling.

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The Spencer Turbine Company

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Blowers Gas Boosters Central Vacuum Systems Separators Tubing & Fittings Electrical Control Panels System Accessories