The GasCube® 21 VS Series natural gas booster skid package from Spencer not only boosts utility natural gas street-pressure levels, but also monitors volume and varies the motor speed to keep discharge pressure constant while reducing power consumption. This is the ideal natural gas booster solution where inlet pressures fluctuate but a constant discharge is required — as in schools, warehouses, manufacturing plants, healthcare facilities, office buildings and similar installations.

Product features include Spencer’s UL Listed hermetic gas booster with volume up to 12,000 icf/h; differential pressure to 9 lnWC; single-stage centrifugal design; and standard overhung construction. The leaktight hermetically sealed casing, shaft, deflectors fabricated from carbon steel, impellers fabricated from aluminum, inlet / outlet connections are 3” flanged 150# drilling.

Explosion-Proof Motor – UL Listed
NEMA class 1, division 1, group D, inverter duty
½ HP
208-230/460 Volt
Three phase / 3500 RPM

Control Panel – UL Listed NEMA 1
VFD control, with PLC embedded functions and Operator Interface Terminal (OIT)
Displays at the OIT include:
- Discharge pressure/current draw (amps)/speed
- Booster running
- VFD fault
- Motor high temperature alarm
- Low inlet pressure alarm
- Discharge pressure (lnWC)

Hand-off-auto selection at OIT
Discharge pressure set-point entry

Package Accessory Components
Discharge pressure transducer
Flexible expansion joints
Low inlet pressure switch - NEMA 4
Inlet and discharge pressure gauges
Inlet and outlet plug valves

GasCube VS Options:
- Flow switch (Mounted or shipped loose)
- Inlet check valve (Shipped loose and installed by others)
GasCube® 21 VS - Simplex Series

System No. SYS0325.5VS

Spencer may make improvements and dimensional changes to equipment designs based on market trends and requirements.

Dimensions: 28"W x 48"L x 66"H

Approximate Weight: 700 lbs

Note: Ratings are based on inlet gas at standard pressure of 14.7 psia, temperature 68°F, 0.6 specific gravity natural gas for UL Listing. Allowable maximum inlet to UL standard is 15.2 psia or 13 InWC and nominal 68°F.

For more information on Spencer’s Low Capacity Series UL Listed Natural Gas Booster, refer to Bulletin TDS-513. For information on the High Capacity Series, refer to Bulletin TDS-512. For an overview of the complete GasCube Series, refer to Bulletin 515.

For product selection assistance, please email marketing@spencer-air.com or visit our website at www.spencerturbine.com to locate the Spencer representative in your area.

GasCube® is a registered trademark of The Spencer Turbine Company.

Blowers & Vacuum Systems with an Engineering Edge

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