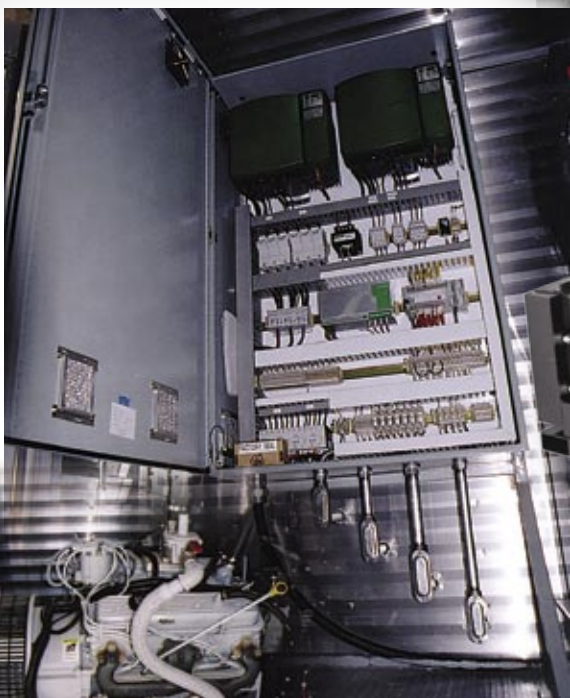


Modular Dual Scroll/Integrated Genset Package Model #S-244-G

New Product

Highlights

- Low Maintenance
- Variable Speed Control
- 100% Recycle
- Modular Design allows quick Interchange 144 to 244 style
- Electric Start (1psi pressure) to Start Nat. Gas Engine
- Options of Meter Run, Inlet filters, Fluid Pumps, Discharge Coolers
- Skid or Trailer Mount
- Target: Coal Bed Methane, Shallow Gas Wells, Booster, VRU



Manufactured by:





Features

Skid and Building

- 1 - 8' x 23' Skid c/w Roll Ends
- 8" WF
- 1/4" Checker Plate

Compressor Building Section

- 8' x 12' Gable Type Building
- 1' - 10' Ridge Vent, Ice Rakes
- 3' x 7' Panic Door c/w Window
- Removable Section for Compressor Access
- Fuel Gas Scrubber/Filter
- Inlet Separator 12" x 48" Vertical
- High Level s/d, Dump Valve, Level Controllers

Generator Building Section

- 8' x 9' x 7'6" H
- 3' x 7' Panic Door c/w Window
- 18" x 18" 480 v Ventilation Fan
- Removable Section For Engine Access

Engine

- Natural Gas V-8 or V-6 Engine
- 60 KW Generator
- 100 Amp Breaker

Compressor

- 1 (44) or 2 (44) Copeland Scroll Modules
- (2) 15 H.P. Compressors on each module
- Model (144) - 30 H.P. Model (244) - 60 H.P.
- Hermetically Sealed Compressors
- Electric Motor Built Internal to Compressor
- 0 psi to 25 psi suction
- Max Discharge of 190 psi
- Inlet Control Pressure

Control Panel

- 1 - Weatherproof Control Panel
- Skid mounted (in Generator Portion of Building)
- (1) or (2) 30 H.P. Control Techniques VFD's
- (1) Allen Bradley PLC

Options

- Gas Cooler "Electric GHT 450"
- 2" Meter Run
- Chart Recorder
- Inlet Fluid Pump
- Engine Lubefinder/Day Tank/Level Control
- Nafco Inlet Filter
- LEL Detection/H2S Detection
- 27' Tri Axle Trailer (Portable Unit)
- Optional Engines (Cummins, CAT, Chev, etc.)

Model Scroll Performance Chart Suction

PSI	SINGLE (144)	TWIN (244)
0	2.4 E3M3/D	4.8 E3M3/D
2.5	2.7 E3M3/D	5.4 E3M3/D
5	3.0 E3M3/D	6.0 E3M3/D
7.5	3.3 E3M3/D	6.6 E3M3/D
10	3.6 E3M3/D	7.2 E3M3/D
12.5	4.0 E3M3/D	8.0 E3M3/D
15	4.4 E3M3/D	8.8 E3M3/D
17.5	4.8 E3M3/D	9.6 E3M3/D
20	5.2 E3M3/D	10.4 E3M3/D
22.5	5.6 E3M3/D	11.2 E3M3/D
25	6.0 E3M3/D	12.0 E3M3/D

Maximum 190 psi discharge
Compressors running 4800 rpm

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