

**2007 Vilter VSG Single Screw Compressor - 450 HP**

**Mfg: Vilter**

**Model: VSG1801**

**Stock No: NTSD02**

**Serial No: 4103**

2007 Vilter VSG Single Screw Compressor Package with 450 HP drive motor and Allen-Bradley programmable controller. Model: VSG1801. Sales Order: SO57571-362, Serial Number: 4103, Test Pressure: 600 PSIG, Rated Discharge Pressure: 400 PSIG, MAWP: 450 PSIG, Date: 11-30-07, Compressor Unit Model VSG1801VVRGHNECST. This compressor package was installed, but never was used in service. Motor leads were pulled from the junction boxes, but never were terminated at the starter. We purchased the units February 2013 and have them at our indoor warehouse in Texas. According to Vilter, common applications for the Vilter VSG is gas liquification, vapor recovery, flare gas recover, coal bed methane recovery, field and fuel gas boosting, wellhead recovery, enhanced oil recovery, landfill gas recovery, LNG boil off, gas gathering, bio-gas, digester, carbon dioxide CO<sub>2</sub>, nitrogen, hydrogen, and other refrigerants. Package features Vilter control panel with Allen-Bradley Panelview Plus 1000, 600 PSIG Oil Separator, Chil-Con, and Insultec components. Reliance Electric Liberator Motor: 450 HP, 3576 RPM, 4160V, 55.9 Amps, 3-phase, 19A G5010S Frame, Code G, 1.15 S.F., CONT Duty, TEFC Enclosure, weight: 4,300 lbs. Overall Dimensions (with suction strainer removed): 14 ft. 4 in. L x 6 ft. 6 in. W x 8 ft. 4 in. H. (ACN1550)

Vilter Single Screw Compressor Unit, Sales Order: SO57571-362, Serial Number: 4103, Test Pressure: 600 PSIG, Rated Discharge Pressure: 400 PSIG, MAWP: 450 PSIG, Model: VSG1801, Date: 11-30-07, Compressor Unit Model VSG1801VVRGHNECST.

Vilter Control Panel: SO: 57276, Drawing: 525 0044, 120V, 1-phase. Allen-Bradley Panelview Plus 1000: Cat: 2711P-T10C4D1, Ser A, Made in USA. Panelview Plus Logic Module: Cat 2711P-RP1, Ser F, 24 VDC. Panelview Plus 1000 Color Touch Display Module: Cat 2711P-RDT10C, Ser B. UL Listed Enclosed Industrial Control Panel No. BL-558787.

Reliance Electric Liberator Motor: 450 HP, 3576 RPM, 4160V, 55.9 Amps, 3-phase, 19A G5010S Frame, Code G, 1.15 S.F., CONT Duty, TEFC Enclosure, weight: 4,300 lbs.

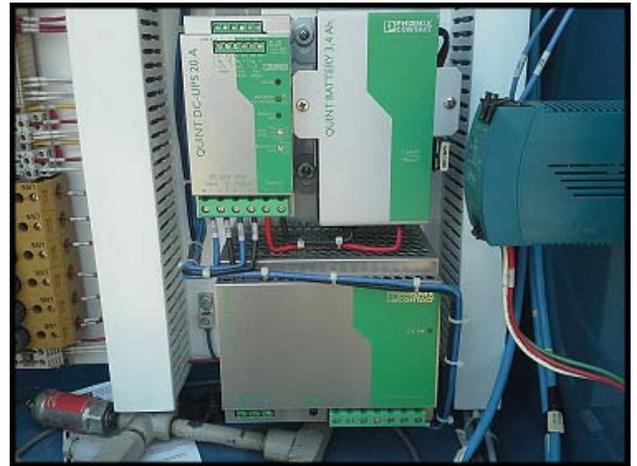
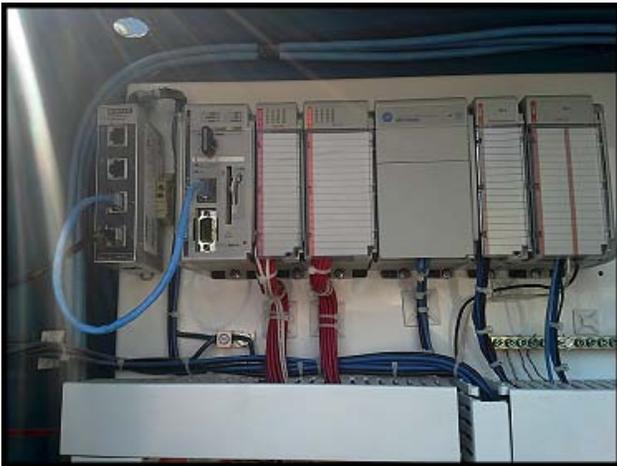
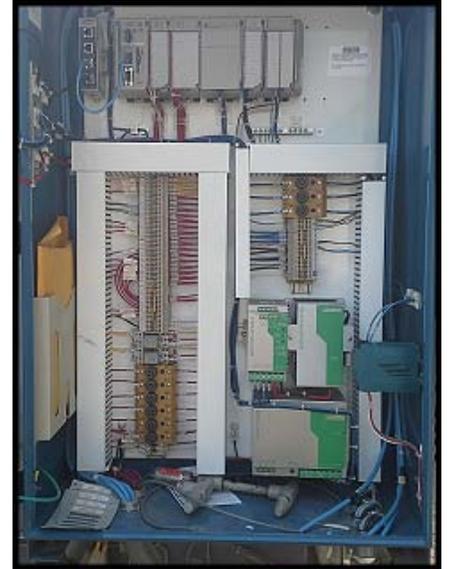
Certified Vessel: National Board No: 47529, Certified by Vilter, A34928A, MAWP: 600 PSIG at 400F, MAWP: 600 PSIG at -20 MDMT-F, MDMT: AMB-F at 0 PSI A, Serial No.: W027416-1, Year Built: 2007.

Certified Vessel: National Board No: 47531, Certified by Vilter, A34928A, MAWP: 600 PSIG at 400F, MAWP: 600 PSIG at -20 MDMT-F, MDMT: AMB-F at 0 PSI A, Serial No.: W027416-5, Year Built: 2007.

Certified Vessel: National Board No: 20826, Certified by Chil-Con, Shell MAWP: 400 PSIG at 300F, Shell MDMT: -20F at 400 PSI, Tube MAWP: 150 PSI at 300F, Tube MDMT: -20F at 150 PSI, CRN: -----, Serial: C270424B-2, Date: 2007, Tag: 9997NV, Model: LXX-10144-210.

Insultech Thermal Blanket Insulation: Vilter-VSS-350 36 in. Dia. Oil Sep PC#5.





**VILTER**  
Since 1867  
VILTER MFG. CORP.  
CUDAHY, WISCONSIN

**SINGLE SCREW  
COMPRESSOR  
UNIT**

ORDER NO. SO57571-362 DATE 11-30-07

COMPRESSOR UNIT MODEL NO. VSG1801VA18H1E03T

**VILTER**  
Since 1867  
VILTER MFG. LLC.  
CUDAHY, WISCONSIN  
(414) 744-0111

**SINGLE  
SCREW GAS  
COMPRESSOR**

SERIAL NO. 4103 COMPRESSOR MODEL NO. VSG1801

ORDER NO. SO57571 MAX. RPM 3600 M.A.W.P. (PSIG) 450

TEST PRESSURE (PSIG) 600 RATED DISCHARGE PRESSURE (PSIG) 400

CE

NATIONAL BOARD NO. W11463L

CERTIFIED BY  
**VILTER**  
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VILTER MFG. CORP.  
CUDAHY, WISCONSIN  
(414) 744-0111

MAWP 600 PSIG AT 400 °F

MAWP 600 PSIG AT -20 MDMT °F

MDMT 190 °F AT 0 PSI

SERIAL NO. 027418-R YEAR BUILT 2007

NATIONAL BOARD NO. W11463L

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MAWP 600 PSIG AT 400 °F

MAWP 600 PSIG AT -20 MDMT °F

MDMT 190 °F AT 0 PSI

SERIAL NO. 027418-R YEAR BUILT 2007

REPAIRED BY

**VILTER**  
Since 1867  
VILTER MFG. LLC.  
CUDAHY, WISCONSIN  
(414) 744-0111

NATIONAL BOARD R  
CERTIFICATE NUMBER 4110 DATE REPAIRED 11-30-07 SERIAL NUMBER 07A189

R 190

Certified by:

**M & A**  
Refrigeration, Inc.  
Federalsburg, MD 410-754-8005

MAWP 350 FV psig at 400 °F

MDMT -20 °F at 350 FV psig

Mfr's. Ser. No. 07A189

C.R.N. 07A189

Year Built 2007

**CHIL-CON**  
CHIL-CON PRODUCTS  
CERTIFIED BY: HENRY TECHNOLOGIES LIMITED, BRANTFORD, ONTARIO, CANADA

MADE IN CANADA

SHELL SIDE TUBE SIDE

MAWP 400 psi at 400 °F MAWP 400 psi at 400 °F

MAEWP 400 psi at 400 °F MAEWP 400 psi at 400 °F

MDMT -20 °F at 400 psi MDMT -20 °F at 400 psi

SERIAL 027418-R CRN 07A189

DATE 2007 TAG 07A189

MODEL 07A189

**RELIANCE ELECTRIC** **Liberator**

FRAME	ENERGY EFFICIENT	IDENTIFICATION NO.	
HP 450	TYPE P	DESIGN	PHASE
RPM 3578	DESIGN	DUTY CONT	HZ
VOLTS 460	DUTY CONT	S.F. 115	INS. CLASS F
AMPS 55.9	S.F. 115	CODE G	ENCL TEFC
AMB 40 °C RISE BY	WRES @ 450 HP	55.9	AMPS
DRIVE END BEARING 56 310X			
OPP. DRIVE END BEARING 56 303 14X			
115 50 50 50 50 50 50 50 50 50			
115 50 50 50 50 50 50 50 50 50			
115 50 50 50 50 50 50 50 50 50			
115 50 50 50 50 50 50 50 50 50			

MADE IN U.S.A.

RELIANCE ELECTRIC COMPANY/GREENVILLE, SC 29615

613-6-WB

