

2007 Vilter VSG Single Screw Compressor - 450 HP

Mfg: Vilter

Model: VSG1801

Stock No: NTSD01

Serial No: 4052

2007 Vilter VSG Single Screw Compressor Package with 450 HP drive motor and Allen-Bradley programmable controller. Model: VSG1801. Sales Order: SO57571-363, Serial Number: 4052, 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 CO₂, 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: SO57571-363, Serial Number: 4052, 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.

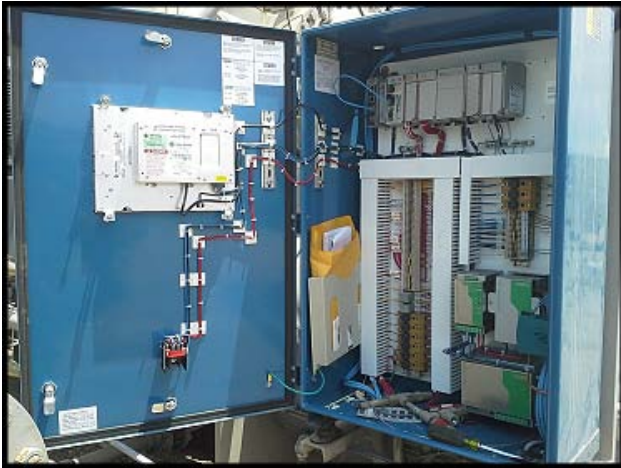
Certified Vessel: National Board No: 47528, Certified by Vilter, A34928A, MAWP: 600 PSIG at 400F, MAWP: 600 PSIG at -20 MDMT-F, MDMT: AMB-F at 0 PSI A, Serial No.: W027416-2, Year Built: 2007.

Certified Vessel: National Board No: 47530, 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.: W027416-4, Year Built: 2007.

Certified Vessel: National Board No: 20825, 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-1, 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. 8057571 363 DATE 11-30-07

COMPRESSOR UNIT MODEL NO.
VSG180IVRCHNECST

VILTER[®]
Since 1867
VILTER MFG. LLC.
CUDAHY, WISCONSIN
(414) 744-0111

**SINGLE
SCREW GAS
COMPRESSOR**

SERIAL NO. 4052 COMPRESSOR MODEL NO. VSG1801

ORDER NO. 8057571 MAX. RPM 3500 M.A.W.P. (PSIG) 450

TEST PRESSURE (PSIG) 600 RATED DISCHARGE PRESSURE (PSIG) 450

CE

NATIONAL BOARD NO.
NB 17530

CERTIFIED BY
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(414) 744-0111

431029A

MAWP 600 PSIG AT 400 °F

MAWP 600 PSIG AT 30 °F MDMT °F

MDMT AMB °F AT 0 PSI Δ

SERIAL NO. 027415-4 YEAR BUILT 2007

NATIONAL BOARD NO.
NB 17529

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431029A

MAWP 600 PSIG AT 400 °F

MAWP 600 PSIG AT 20 °F MDMT °F

MDMT AMB °F AT 0 PSI Δ

SERIAL NO. 027415-2 YEAR BUILT 2007

Certified by:

M&M

Refrigeration, Inc.
Federalsburg, MD 410-754-8005

MAWP 550FV psig at 450 °F

MDMT -20 °F at 550FV psig

Mfr's. Ser. No. 07A188

C.R.N. _____

Year Built 2007

ELECTRIC

FRAME	ENERGY EFFICIENT	IDENTIFICATION NO.	
HP <u>450</u>	TYPE <u>P</u>	<u>CCVRQ745c440002A3</u>	
DESIGN <u>3576</u>	PHASE <u>3</u>		
VOLTS <u>4160</u>	DUTY <u>CONT</u>	HZ <u>60</u>	
AMPS <u>55.9</u>	S.F. <u>115</u>	INS. CLASS <u>F</u>	
AMB <u>40</u> °C	CODE <u>3</u>	ENCL <u>TEFO</u>	
<u>80</u> °C RISE BY	<u>450</u> HP	<u>55.9</u> AMPS	
DRIVE END BEARING <u>65B003J40X</u>			
OPP. DRIVE END BEARING <u>65B003J40X</u>			
115C R/RES = 5181F.63.9A			
M.T.R. WEIGHT = 40.4C 2F5			
RELIANCE ELECTRIC COMPANY/GREENVILLE, SC 29615			

CHIL-CON
CHIL-CON PRODUCTS

CERTIFIED BY: HENRY TECHNOLOGIES LIMITED, BRANTFORD, ONT

SHELL SIDE TUBE SIDE

MAWP 400 psi at 200 °F MAWP AW psi

MP _____ psi at _____ °F MAEWP _____ psi

MT -20 °F at 450 psi MDMT -20 °F

SERIAL 0270424B-1 CRN _____

DATE 2007 TAG 190711

MODEL 1XX-10124-210

INSULTECH
Thermal Blanket Insulation

Shannon Enterprises of W.N.Y., Inc.
75 Main Street, N. Tonawanda, NY 14120
Phone: 716-693-7954 Fax: 716-693-1647

VILTER-VSS-350
36" DIA. OIL SEP PCAS

