

**2007 Vilter VSG Single Screw Compressor Package LESS COMPRESSOR - 450 HP****Mfg: Vilter****Model: VSG1801****Stock No: NTSD02B****Serial No: 4103**

**\*Note: this package is available minus the 1801 screw compressor which was sold separately.**

2007 Vilter VSG Single Screw Compressor Package (minus the screw compressor) 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. \* Not included.

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.

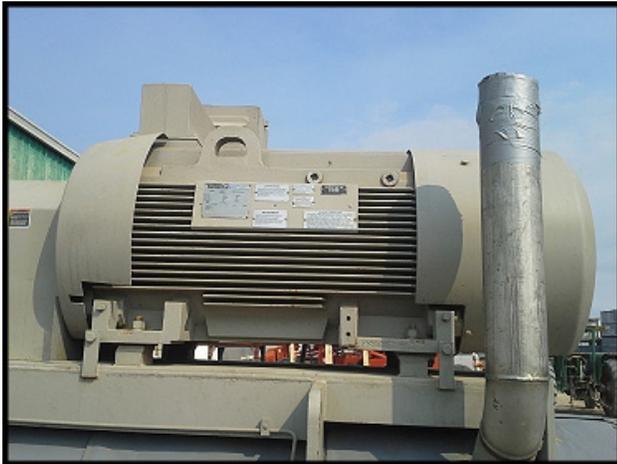
Certified Vessel: National Board No: 47529, Certified by Vilter, A34928A, MAWP: 600 PSIG at 400F, MAWP: 600 PSIG at -20 MDMT-F, MDMT: AMB-F at 0 PSI A, Serial No.: W027416-1, Year Built: 2007.

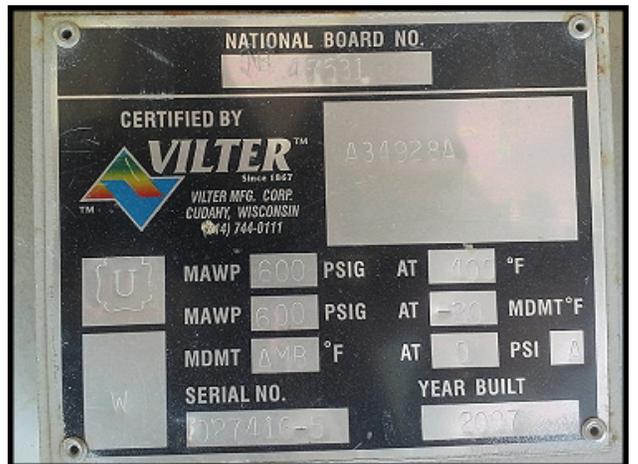
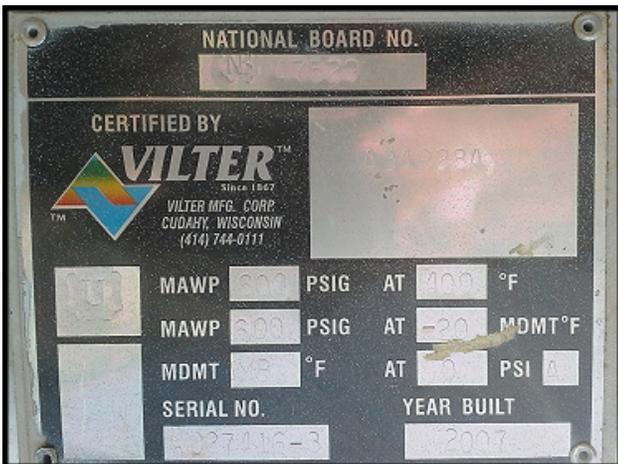
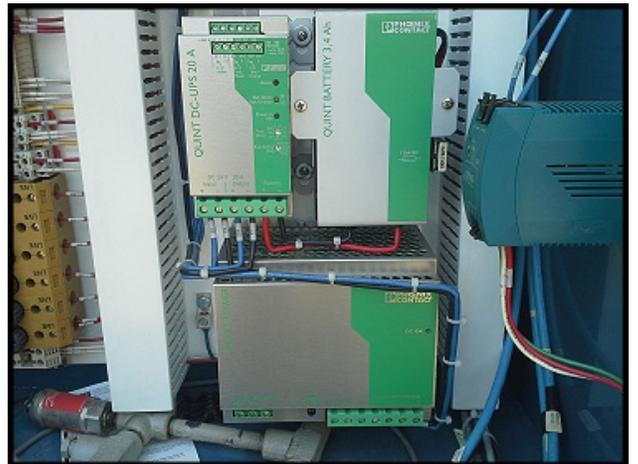
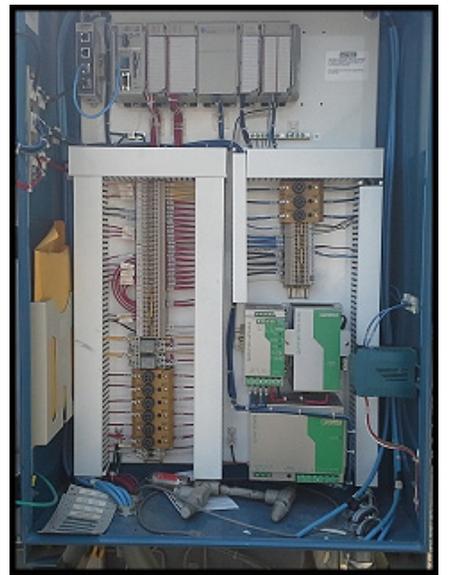
Certified Vessel: National Board No: 47531, Certified by Vilter, A34928A, MAWP: 600 PSIG at 400F, MAWP: 600 PSIG at -20 MDMT-F, MDMT: AMB-F at 0 PSI A, Serial No.: W027416-5, Year Built: 2007.

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.

Pictures below.





REPAIRED BY



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

NATIONAL BOARD R  
CERTIFICATE NUMBER DATE REPAIRED SERIAL NUMBER

4110 11-30-07 07A189

R 190

Certified by:



Refrigeration, Inc.  
Federalsburg, MD 410-750-8005

MAWP 350 FV psig at 400 °F  
MDMT -20 °F at 350 FV psig

Mfr's. Ser. No. 07A189

C.R.N.

Year Built 2007

CHIL-CON

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

SHELL SIDE TUBE SIDE

MAWP 400 psig at 400 °F MAWP psig at °F  
MAEWP psig at °F MAEWP psig at °F  
MDMT -20 °F at 200 psig MDMT -20 °F at 200 psig

SERIAL 0270124-2 CRN

DATE 2007 TAG 330711

MODEL XV-1544-10

RELIANCE ELECTRIC liberator

MADE IN U.S.A.	FRAME		ENERGY EFFICIENT	IDENTIFICATION NO.	
	SA	GG01GS		DDVAL	MM4000A
HP	450	TYPE	P	PHASE	
RPM	3578	DESIGN		HZ	
VOLTS	480	DUTY	CONT	INS. CLASS	F
AMPS	55.9	S.F.	115	ENCL	TEFC
AMB	40 °C	CODE	G	HP	55.9 AMPS
NO °C RISE BY		RES @	450		
DRIVE END BEARING	655 310CX				
OPP. DRIVE END BEARING	655 00314CX				
	115 00314CX 518H-F.63-9A				
	MOTOR WEIGHT 4040 LBS				

613-6-WB

RELIANCE ELECTRIC COMPANY/GREENVILLE, SC 29615

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  
35" DIA. OIL SEP PC-2

CONTROL PANEL CHECKOUT

SALES ORDER #: 5727L

PANEL DRAWING #: 525 0044

WIRING DRAWING #: 525 - 0044

WIRED BY RAC

CHECKED BY RE DATE 10-4-07

RELEASED BY JWG DATE 10-9-07

PANELVIEW PLUS 1000  
ASSEMBLED TERMINAL

CAT 2711P-T10C4D1 SER A

FACTU MADE IN U.S.A. 29370802

**DANGER**

EXPLOSION HAZARD - WHEN THIS MODULE IS RATED FOR HAZARDOUS LOCATIONS, DO NOT INSTALL OR REMOVE MEMORY CARD, CONNECT OR DISCONNECT EQUIPMENT, UNLESS POWER HAS BEEN SWITCHED OFF OR THE AREA IS KNOWN TO BE NON-HAZARDOUS. SERIES C OR LATER LOGIC MODULE USB PORT PROVIDES NONINCENDIVE FIELD CIRCUITS WHEN CONNECTED PER CONTROL DRAWING.

RISQUE D'EXPLOSION - LORSQUE CE MODULE EDT CERTIFIE POUR UNE UTILISATION EN ENVIRONNEMENTS DANGEREUX, COUPER LE COURANT OU S'ASSURER QUE L'EMPLACEMENT EST DESIGNIE NON DANGEREUX AVANT D'INSERER OU DE CONNECTER OU DECONNECTER L'EQUIPMENT.

Allen-Bradley  
PANELVIEW PLUS  
LOGIC MODULE

CAT 2711P-RP1 SER F

LISTED 4195 FOR HAZ. LOC. FOR M2L LOC. 25 CE

CLASS I DIV 2 GROUPS A, B, C, D  
CLASS II DIV 2 GROUPS F, G, CLASS II TEMPER. IURE T4  
CLASS I, ZONE 2 GROUP IIC T4 AEX-H IIC T4

REFER TO TERMINAL OR DISPLAY MODULE INSTALLATION MANUAL FOR ENCLOSURE TYPE RATING

BY 61131-2 EQUIPMENT CLASS II FOR USE WITH A CLASS 2/SELV SOURCE OR 2711P-RSACDN

24 VDC 70 W

FACTU MADE IN U.S.A. 29370802

Allen-Bradley  
PANELVIEW PLUS 1000  
COLOR TOUCH DISPLAY MODULE

CAT 2711P-RDT10C B SER

DISPOSAL: THE BACKLIGHT TUBES IN THIS PRODUCT CONTAIN MERCURY, PLEASE DISPOSE OF PROPERLY

CLASS I DIV 2, GROUPS A, B, C, D, T4  
CLASS II, DIV 2, GROUPS F, G, CLASS II, T4  
CLASS I, ZONE 2 GROUP IIC T4  
AEX-PC IIC T4

FOR USE ON A FLAT SURFACE OF A TYPE 12, 13, 4X (INDOOR USE ONLY) IP65 OR IP54 ENCLOSURE

WIN (21)AWDEG4RE

FACTU MADE IN U.S.A. 29370802