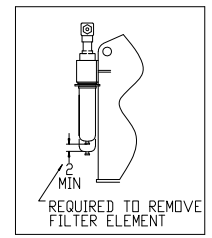


OIL CHARGE	
U.S. GALS (LBS)	
SINGLE FILTER	DOUBLE FILTER
99 (743)	110 (825)



CONNECTION SCHEDULE			
I.D.	SIZE	CONNECTION	FUNCTION
A	SEE CHART A	BUTT WELD (SCH. 40)	SUCTION INLET
B	5.00	BUTT WELD (SCH. 40)	DISCHARGE OUTLET
D	500-14	IPT	PRESSURE RELIEF SEE NOTE 4
E	500-14	IPT	OIL DRAIN & CHARGER WHEN UNIT NOT RUNNING
F	250-18	IPT	OIL CHARGER WHEN UNIT IS RUNNING
G	2.00-300#	ANSI FLANGE	STANDARD ECON-O-MIZER INLET
H	3.00-300#	ANSI FLANGE	OVERSIZE ECON-O-MIZER INLET
G	250-18	IPT	TRANSDUCER BLOCK/BLEED
J	1.500	SDC WELD	REFRIG INLET 5X12 AND 5X20 HEAT EXCH
J	2.500	SDC WELD	REFRIG INLET 10X20 HEAT EXCH
J	1.500	SDC WELD	REFRIG OUTLET 5X12 AND 5X20 HEAT EXCH
J	2.500	SDC WELD	REFRIG OUTLET 10X20 HEAT EXCH

SHIPPING WEIGHT (ADD EACH TABLE FOR ESTIMATED SHIPPING WEIGHTS)			
<b>TABLE 1</b>			
SUCTION SEPARATOR, SIZE	SEPARATOR, SUCTION, PIPING & L.I. (LBS)		
5"	5500		
6"	5610		
<b>TABLE 2</b>			
NEMA FRAMES TYPICAL MOTORS			
FRAME (ODP)	WEIGHT (LBS)	FRAME (ODP)	WEIGHT (LBS)
254T	260	365TS	780
256T	270	404TS	900
284T	360	405TS	975
286T	400	444TS	1300
324TS	480	445TS	1475
326TS	540	447TS	1770
364TS	725	449TS	2135
<b>TABLE 3</b>			
OPTIONAL DUAL FILTERS	+75 LBS		
<b>TABLE 4</b>			
COMPRESSOR SIZE	WEIGHT (LBS)		
VSS-1051	2020		
VSS-1201	2250		

CHART A (REFER TO ORDER COPY FOR LINE SIZE)		
SUCTION LINE SIZE	STD ARRANGEMENT COMBINED STOP/CHK VALVE	
	AMM.	HALD
5"	8.1	8.5
6"	6.1	7.6
	OPT. ARRANGEMENT SEPARATE STOP & CHK VALVES	
	AMM.	HALD
5"	12.1	19.6
6"	10.1	19.6
FOR BOTH STD OPT ARRANGEMENT		
	BB	
5"	110.0	
6"	112.5	

THIS DRAWING IS SUITABLE FOR COUNTER-CLOCKWISE 310mm VSS COMPRESSOR VSS 1051 AND 1201 Ø 36.00 OIL SEPARATOR HIGH STAGE, BOOSTER, OR SWING OIL HEAT EXCH - FLATPLATE THERMOSYPHON ECON-O-MIZER (STD OR OVERSIZE CONNECTIONS) SINGLE OR DUAL FILTERS

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VILTER MANUFACTURING CORPORATION  
CUDAHY, WISCONSIN 53110-8904  
TELEPHONE No. (414) 744-0111

DRAWN BY: RPT	CHECKED BY: DWP	SCALE: NTS
REDRAWN BY:	APPROVED BY: RPK	DATE: 1/6/05

TITLE: GEN DIMENSIONS 310mm VSS-1051 AND 1201 W/Ø 36.0 SEPARATOR FOR THERMOSYPHON - FLATPLATE

DRAWING NO. **27760-4** R2

R2	ECON CONN. G SIZE WAS 1.5" & 2.5". ECN: S060082	JDS	RPK	3/27/06
R1	ADDED SEVERAL SHIPPING HEIGHTS, & NOTE 9. ECN: S050338	JDS	RPK	2/14/06
R0	ECN: S040286	RPT	RPK	1/3/05
SYM	REVISION	BY DRAWN	BY APPR.	DATE

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15