



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 ECOND-D-MIZER INLET
	3.00-300#	ANSI FLANGE	OVERSIZE ECOND-D-MIZER INLET
H	.250-18	IPT	TRANSDUCER BLOCK/BLEED
J	2.500	SDC WELD	REFRIG INLET 10X20 HEAT EXCH
		SDC WELD	REFRIG OUTLET 10X20 HEAT EXCH

SHIPPING WEIGHT (ADD EACH TABLE FOR ESTIMATED SHIPPING WEIGHT)			
TABLE 1 SEPARATOR SUCTION PIPING & LI (LBS)		TABLE 2 NEMA FRAMES TYPICAL MOTORS	
5"	4550	FRAME (OBS)	WEIGHT (LBS)
6"	4660	254T	260 365TS 780
TABLE 3 OPTIONAL DUAL FILTERS +274 LBS		256T	270 404TS 900
TABLE 4 COMPRESSOR SIZE WEIGHT (LBS)		284T	360 405TS 975
VSS-1051	2020	286T	400 444TS 1300
VSS-1201	2250	324TS	480 445TS 1475
		326TS	540 447TS 1770
		364TS	725 449TS 2135

CHART A (REFER TO ORDER COPY FOR LINE SIZE)			
SUCTION LINE SIZE	STD ARRANGEMENT	COMBINED STOP/CHK VALVE	
	AA	AMMO	HALD
5"		12.1	12.5
6"		10.1	11.6
	BB	AMMO	HALD
5"		16.1	23.6
6"		14.1	23.6
	CC	FOR BOTH STD OPT ARRANGEMENT	
	BB	CC	DD
5"	104.0	88.25	94.5
6"	106.5	88.25	94.5

ITEM	SYN	REVISION	DRAWN BY	APPR. BY	DATE
R2		UPDATED OIL STRAINER. MOVED BLOCK&BLEED. ECOND CONN. G SIZE WAS 1.5"x2.5". ECN: S060082	JDS	RPK	3/28/06
R1		ADDED SEVERAL SHIPPING HEIGHTS & NOTE 9. ECN: S050293	JDS	RPK	10/4/05
R0		ECN: S040286	RPT	RPK	1/3/05

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VILTER MANUFACTURING CORPORATION
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DRAWN BY: RPT CHECKED BY: DWP SCALE: NTS
REVIEWED BY: RPK APPROVED BY: RPK DATE: 1/6/05

TITLE: GEN DIMENSIONS 310mm VSS-1051 AND 1201 W/Ø 30.0 SEPARATOR
FOR: THERMOSYPHON - FLATPLATE

27759-4 R2