



SYSTEM NOTES:  
 1) LOCATE VACUUM SYSTEM ON A FLAT LEVEL SURFACE.  
 2) PLUG EMPTY POINTS WITH SQUARE HEAD NPT PIPE PLUGS.

BILL OF MATERIALS		
ITEM	QTY	PART NUMBER
1	1	FLANGE 5" 150# NR THD CS 181-0500-7011
2	2	FLANGE 5" 150# NR SLIP ON CS 162-0500-7011
3	3	GASKET FLAT 7-3/4" OD X 5-9/16" ID 176-0704-0001
4	1	MOTOR 60 HP 4P TEC 354T 3/230/460V 230-0600-C000
5	1	GALVE VACUUM 0-30"hg BRS 4" DML 400-0025-1000
6	1	GALVE COMPOUND 30/0/15 BRSS 410-0025-F000
7	1	GALVE TEMPERATURE 20/240F-10/110C 410-0050-F001
8	1	STRAINER-V 1-1/2" THD CI 660-0150-C000
9	1	PRVE BELT 4/20X950 BND 764-0950-CS1X
10	1	SLIDE BASE 3641 FRANK 770-3641-4000
11	1	OD SHEAVE 4-SGROOVE, 7.5" OD 774-0750-B95V
12	1	OD BUSHING TYPE E 60MM 790-0060-B00E
13	1	OD BUSHING TYPE SFG2-3/8" OD 790-2375-B05F
14	1	VALVE BALL 1-1/2" THD FP BRS 802-0150-B000
15	1	VALVE CHECK HINGE 5" THD SS/BRUN 820-0500-B002
17	1	VALVE CHECK SWING 1" THD BRS 821-0100-F000
18	1	VALVE GLOBE 1-1/2" THD BRONZE 835-0150-A000
19	1	VALVE SOLENOID 1-1/2" THD 1/4" NC BRS/BRUN 855-0150-B000
20	1	SEPARATOR NR 5" IN/OUT 901-0407-1910
21	1	GUARD V-BELT TR9000S-1NR CS 935-0404-2220
22	3	BRACKET U-BOLT 1-1/2" PIPE 948-9704-0330
23	1	BASEPLATE WATERSEALED TR9000S-1NR 950-0404-2120
24	1	VACUUM PUMP LIQUID RING 1-STAGE MECH SEAL TR9E725-1550/RA

# GENERAL ARRANGEMENT DRAWING ONLY

REV	DESCRIPTION	DATE	APPR
A	REDESIGNED SEPARATOR TANK PER ECR #0256	7/19/04	RV

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 TOLERANCES  
 DECIMAL ± .0025"  
 FRACTIONAL ± 1/32"  
 ANGULAR ± 0' 30" 00"  
 UNLESS OTHERWISE SPECIFIED IN DRAWING

**TRAWANI PUMPS USA**  
 Liquid Ring & Slurry Vane Vacuum Pumping and Systems

DESCRIPTION: WATERSEALED 60HP NO RECOVERY VACUUM SYSTEM

MODEL NO. TR9000S-1NR DWM NO. 0404273-D

DATE: 4/19/04

SCALE: 1 = 10

REV: A