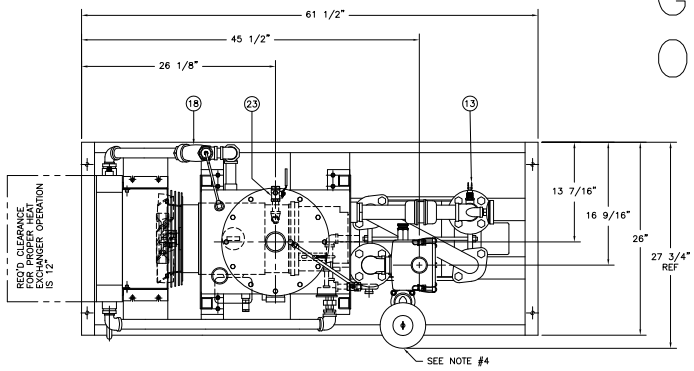
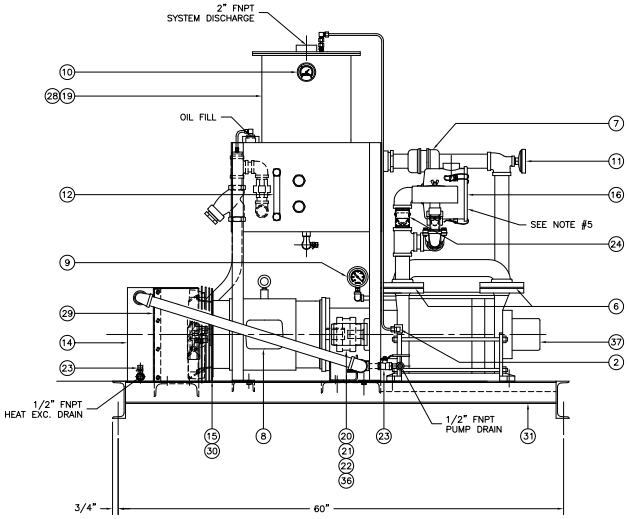
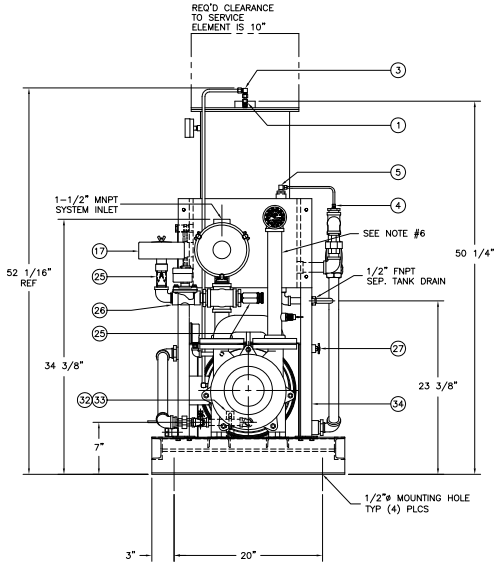
GENERAL ARRANGEMENT ONLY







BILL OF MATERIALS		
ITEM	QTY	DESCRIPTION
1	1	FITTING 1/4" MNPT X 1/4" TUB STRT BRS
2	1	FITTING 1/4" MNPT X 1/4" TUB 90° BRS
3	1	UNION ELBOW, BRASS COMPRESSION
4	1	FITTING 1/4" MNPT X 1/4" COMPRESSION BRS
5	1	FITTING 1/4" MNPT X 1/4" COMP 90° BRS
6	2	GASKET FLAT 3-1/2" OD X 1-5/8" ID GARLOCK
7	1	FLEX COUPLING 1-1/2" NPS CS/NIT
8	1	MOTOR 10 HP 4P TEFC 230/460V 215TC
9	1	GAUGE VACUUM 0-30"HgV BRS 1/4" MNPT 2-1/2" DIAL
10	1	GAUGE PRESSURE 0/15 PSIG BRS 1/4" MNPT 2.5" DIAL
11	1	GAUGE TEMP 20/240°F - 10/110°C 1/2" MNPT 3" DIAL
12	1	GAUGE LEVEL 6" LONG X 1/2" MNPT
13	1	SWITCH HI-TEMP N4 NC OPEN @225°F 1/2" MNPT
14	1	HEAT EXCHANGER 17" X 12" 1PASS AIR/LIQ AL/AL
15	1	FAN 12" 10-BLADE CCW/PULL
16	1	FILTER INLET 1-1/2" FNPT 80 SCFM POLY ELMNT
17	1	FILTER SILENCER 1" MNPT 55 SCFM POLY ELMNT
18	1	STRAINER Y 1" FNPT CI 20 MESH SCREEN
19	1	SEPARATOR ELEMENT TRO100-160 GALV
20	1	DRIVE COUPLING 7S 1-3/8" CI
21	1	DRIVE COUPLING 7S 28MM CI
22	1	COUPLING ELEMENT SIZE 7-JE
23	3	VALVE BALL 1/2" FNPT SP BRS/BRS/PTFE
24	1	VALVE CHECK HINGE 1-1/2" MNPT CS/AL/BUNA
25	1	VALVE VACUUM RELIEF 3/4" MNPT ADJ BRS
26	1	VALVE, SOLENOID 1" THREAD
27	1	VALVE PETCOCK 1/4" MNPT BRS
28	1	SEPARATOR OIL 2" FNPT INLET/DISCHARGE CS
29	1	SHROUD FOR 12" OD FAN CS
30	1	WIRE GUARD FOR 12" OD FAN
31	1	BASEPLATE OIL FR 61-1/2" X 26" X 5" CS
32	1	BRACKET PIPE 3-3/4" X 3-1/2" X 1" CS
33	1	BRACKET U BOLT 1/2" PIPE CS
34	4	LEG SEPARATOR 1-1/2" X 32" CS
35	8	OIL DYNALUBE (GAL, NOT SHOWN)
36	1	MONO BLOCK ASSEMBLY TRS/H40 215T
37	1	TRHE40-190/C/F

SYSTEM NOTES:

1) LOCATE AND SECURE VACUUM SYSTEM ON A FLAT LEVEL SURFACE.
2) PLUG EMPTY PORTS WITH SQUARE HEAD NPT PIPE PLUGS.
3) TIGHTEN FAN SET SCREWS TO 7 FT/LBS.
4) REQUIRED CLEARANCE FOR PROPER ELEMENT REMOVAL IS 3".
5) REQUIRED CLEARANCE FOR PROPER ELEMENT REMOVAL IS 5".
6) WELD TO SUIT DISCHARGE PIPE WITH 3/8" FNPT HALF COUPLING.

REV	DESCRIPTION	DATE	APPR
REVISIONS			

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TOLERANCES
DECIMAL ± .0625"
FRACTIONAL ± 1/16"
ANGULAR ± 0° 30' 00"
UNLESS OTHERWISE SPECIFIED IN DRAWING

S/N NO. VARIOUS
PART NO. –
DWG BY: JGJ | CHK BY: – | DATE: 11/2/15
APPROVED BY: – | SCALE: 1 = 8

TRAVAINI PUMPS USA
Liquid Ring & Rotary Vane Vacuum Pumps and Systems

DESCRIPTION
TRO140H-1A
GENERAL ARRANGEMENT DRAWING

MODEL NO. TRO140H-1A | DWG NO. – | REV —