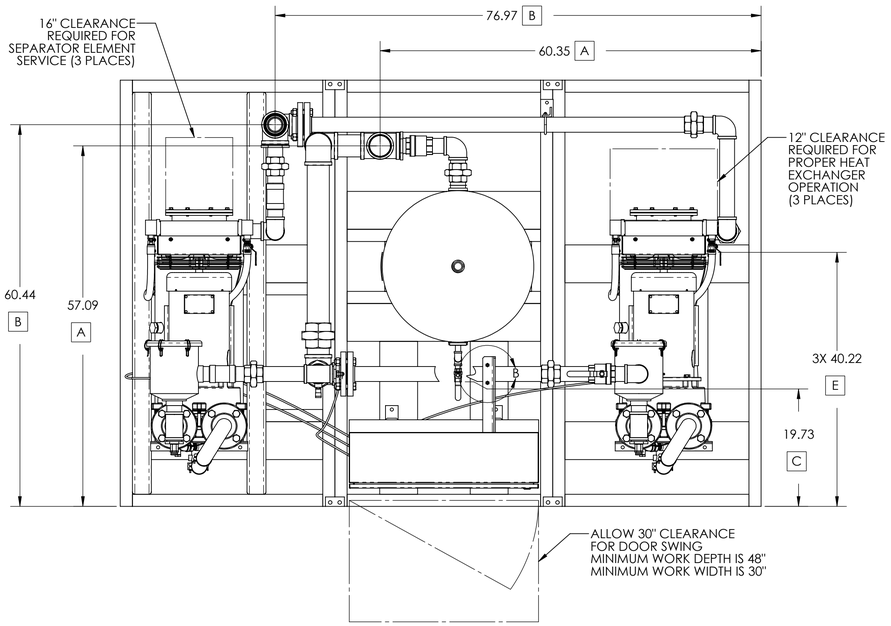
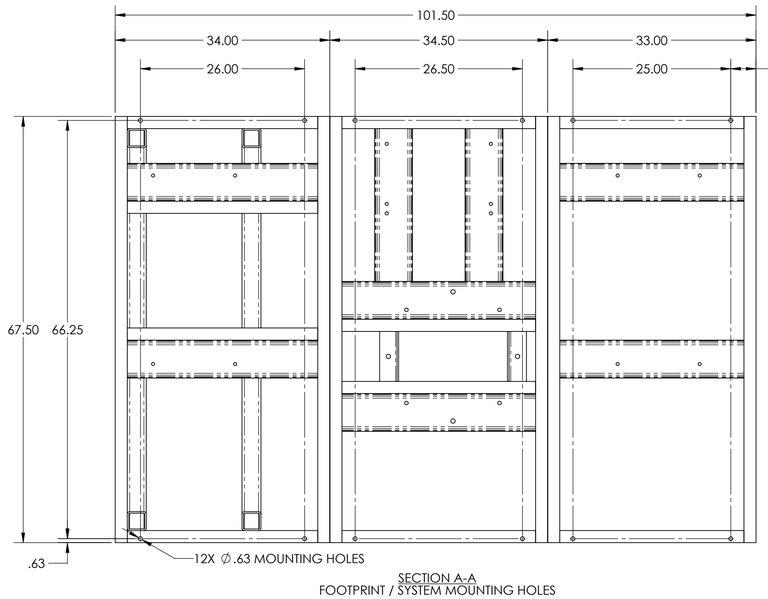
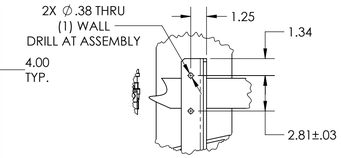
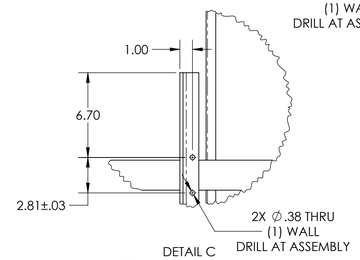




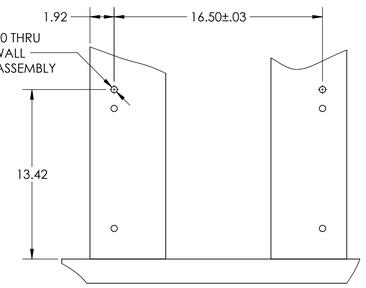
SECTION A-A
FOOTPRINT / SYSTEM MOUNTING HOLES



DETAIL B
ITEM (9) REMOVED FOR CLARITY
SCALE 1 : 6

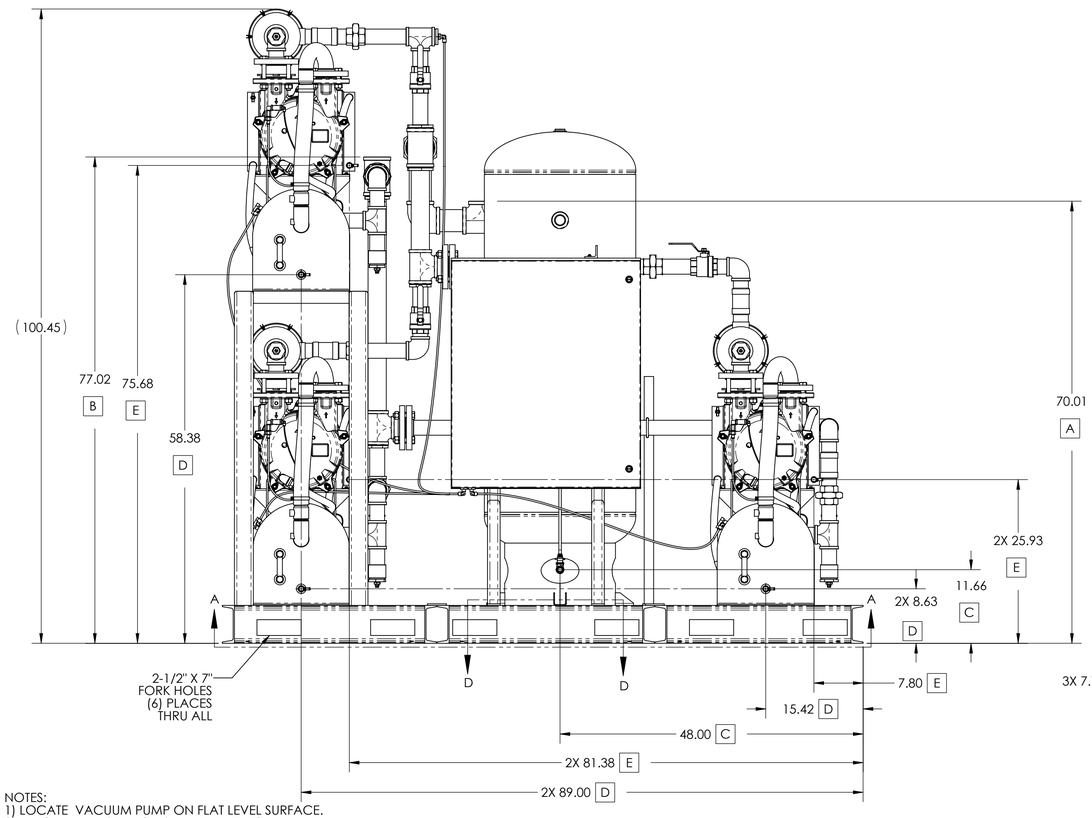


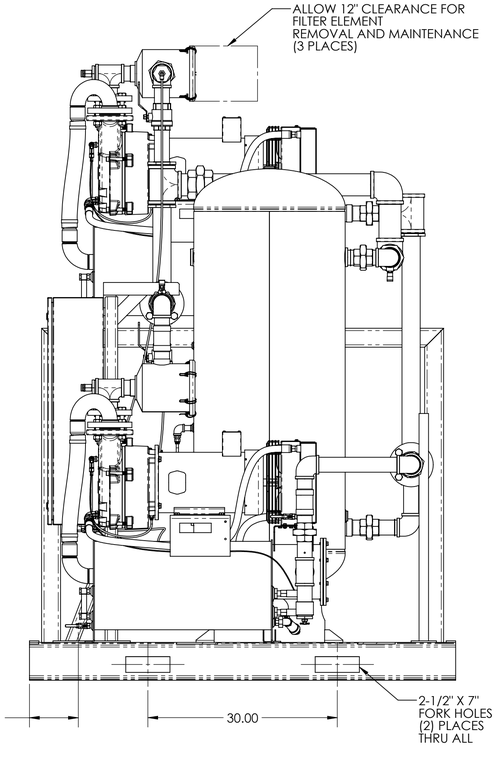
DETAIL C
ITEM (9) REMOVED FOR CLARITY
SCALE 1 : 6

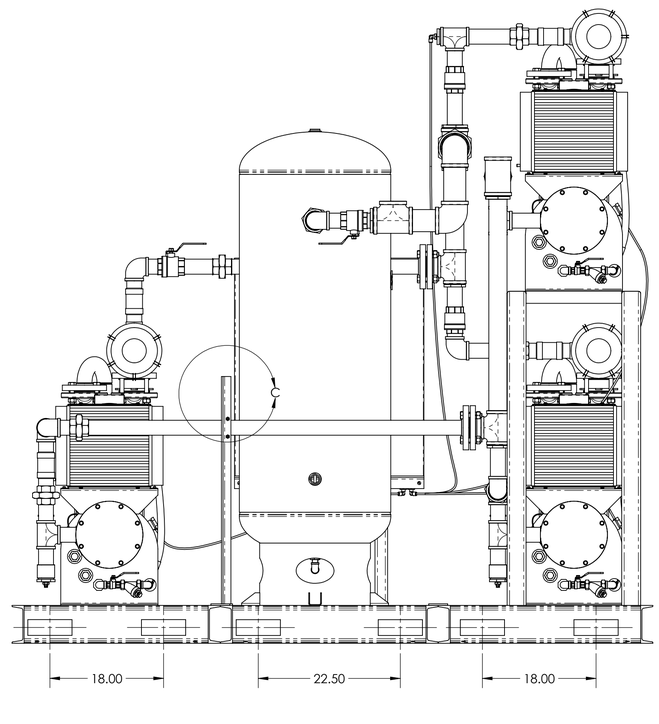


SECTION D-D
ITEM (7) REMOVED FOR CLARITY
SCALE 1 : 6

NOZZLE SCHEDULE		
IDENTIFIER	CONNECTION	SIZE
A	SYSTEM INLET	3" MNPT
B	SYSTEM DISCHARGE	3" MNPT
C	RECEIVER DRAIN	1/2" FNPT
D	SEPARATOR DRAIN	3/8" FNPT
E	HT. EX. DRAIN	3/8" FNPT







NOTES:
1) LOCATE VACUUM PUMP ON FLAT LEVEL SURFACE.
2) PLUG ALL UNUSED PORTS WITH NPT PLUG.
3) OIL CAPACITY: 6.5 GALLONS PER PUMP, 3 PUMPS TOTAL 18.75 GALLONS P/N: 5220-3300-000
4) REFERENCE WI-EN-039 FOR ALL HARDWARE TORQUE SPECIFICATIONS.
5) SHIP EACH SKIDDED UNIT SEPARATELY.
6) AS SHOWN ON PAGE 3, SHIP CENTRAL PORTION OF PIPING SEPARATELY.

REVISIONS					
REV.	DESCRIPTION	DATE	DWG	ERP	APP

TOLERANCES
DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED IN DRAWING
DECIMAL ± .50"
FRACTIONAL ± 1/2"
ANGULAR ± .5°

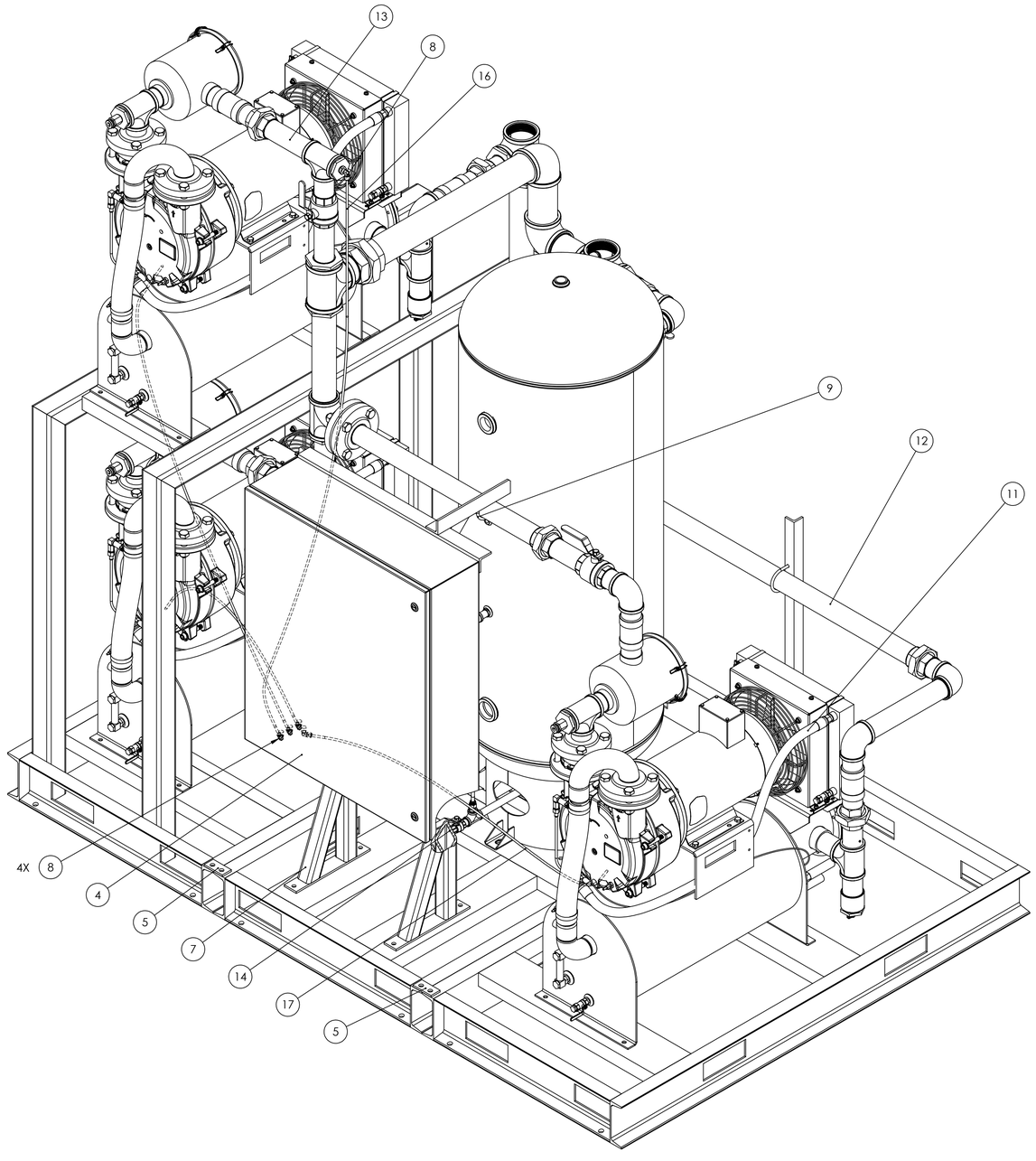
THIRD ANGLE PROJECTION

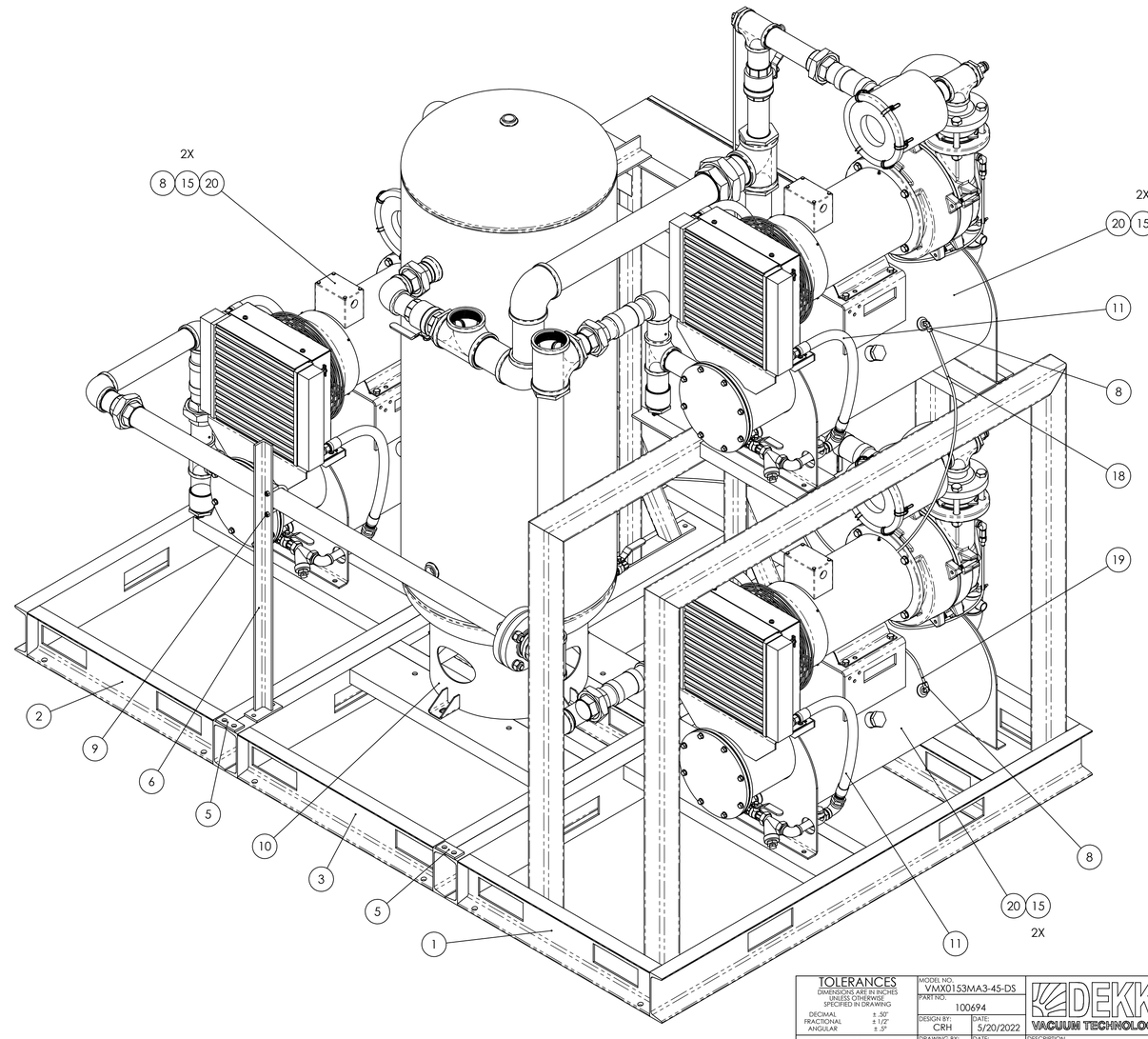
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MODEL NO.	VMX0153MA3-45-DS		
PART NO.	100694		
DESIGN BY:	CRH	DATE:	5/20/2022
DRAWING BY:	CRH	DATE:	5/20/2022
CHECKED BY:	AJP	DATE:	5/20/2022
APPROVED BY:	RHC	DATE:	6/9/2022
REVIEWED BY:		DATE:	
DESCRIPTION	VMX0153MA3-45-DS TEFC 460V		
DRAWING TYPE	PRODUCTION	DWG NO.	2022312
WEIGHT:	3279.64 LB	SCALE:	1:12
SHEET NO.	1 OF 3	SIZE	D

DEKKER VACUUM TECHNOLOGIES, INC.

100694				
ITEM NO.	QTY.	LENGTH	DESCRIPTION	PART NUMBER
1	1		BASEPLATE #1 VMX0153MA2-00-DS CS	0300-2020-210
2	1		BASEPLATE #3 VMX0153MA3-00-DS CS	0300-2020-215
3	1		BASEPLATE VMX0153MA3 PANEL / TANK CS	0300-2020-216
4	1		CTRL PNL TRIPLEX VMAX 10HP 460V BACNET	2202-1006-940
5	4	3	BRACKET BASEPLATE TAB 1.5" X 3" LG	2728-2019-679
6	1		INLET PIPE SUPPORT BRACKET CS	2728-2020-779
7	1		PANEL BRACKET 36X30 CS	2730-2022-308
8	8		FTNG 90° .25"MNPTX.25"TUBE BRS PUSH	3039-0025-001
9	2		U-BOLT 2.5" ID 5/16-18 UNC,2" PIPE	3825-0250-001
10	1		RECEIVER TANK VERT 120 GAL CS ASME	6004-0120-100
11	3		SUB ASSEMBLY PIPING VMX0153M AIR	6870-0153-011
12	1		DISCHARGE SYSTEM PIPING CS	6890-100694-1
13	1		INLET SYSTEM PIPING CS	6890-100694-2
14	1		DRAIN SYSTEM PIPING CS	6890-100694-3
15	6		SWITCH LEVEL 1"MNPT N7 BRS/SST/GOLD	6910-0100-007
16	1	80.00	TUBING .25"OD FEP/TEFLN TRANSLUCENT	7200-0025-001
17	1	43.50	TUBING .25"OD FEP/TEFLN TRANSLUCENT	7200-0025-001
18	1	69.75	TUBING .25"OD FEP/TEFLN TRANSLUCENT	7200-0025-001
19	1	36.75	TUBING .25"OD FEP/TEFLN TRANSLUCENT	7200-0025-001
20	3		VMAX 150 CFM SYSTEM 10 HP TEFC MTR	VMX0153MA1-11





TOLERANCES
DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED IN DRAWING
DECIMAL ± .50"
FRACTIONAL ± 1/2"
ANGULAR ± .5°

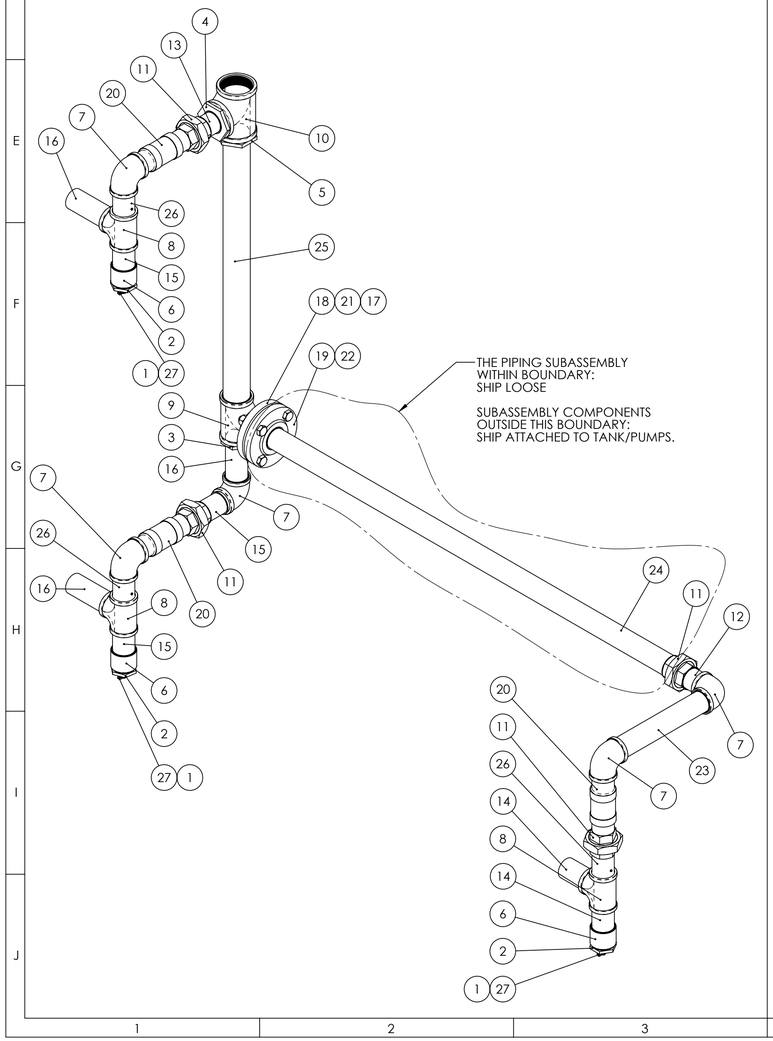
THIRD ANGLE PROJECTION

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MODEL NO.	VMX0153MA3-45-DS		
PART NO.	100694		
DESIGN BY:	CRH	DATE:	5/20/2022
DRAWING BY:	CRH	DATE:	5/20/2022
CHECKED BY:	AJP	DATE:	5/20/2022
APPROVED BY:	RHC	DATE:	6/9/2022
REVIEWED BY:		DATE:	
DESCRIPTION	VMX0153MA3-45-DS TEFC 460V		
DRAWING TYPE	ISO/BOM	DWG NO.	2022312
WEIGHT:	3279.64 LB	SCALE:	1:8
SHEET NO.	2 OF 3	SHEET SIZE	D

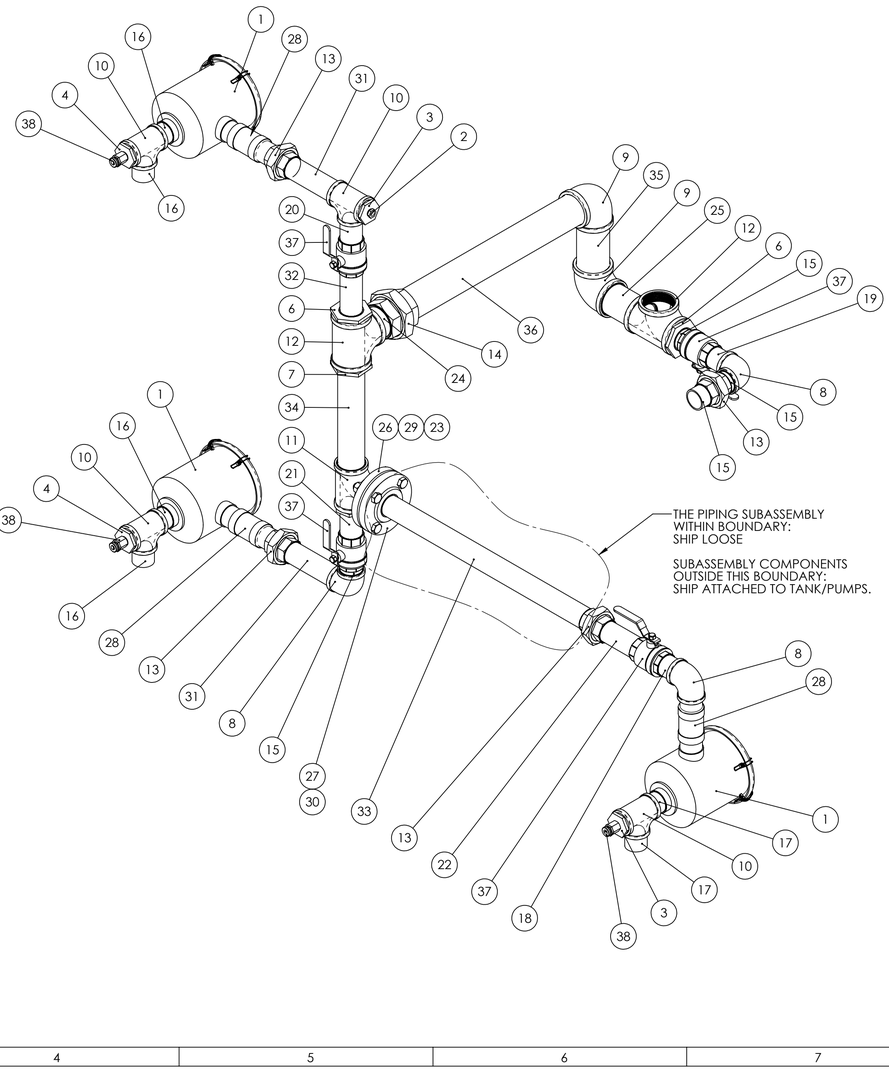
DEKKER VACUUM TECHNOLOGIES, INC.

6890-100694-1				
ITEM NO.	QTY.	LENGTH	DESCRIPTION	PART NUMBER
1	3		BUSHING .5"MNPT X .25"FNPT	3002-0502-025
2	3		BUSHING 2.0"MNPT X .5"FNPT	3002-2005-025
3	1		BUSHING 2.5"MNPT X 2.0"FNPT	3002-2520-025
4	1		BUSHING 3.0"MNPT X 2.0"FNPT	3002-3020-025
5	1		BUSHING 3.0"MNPT X 2.5"FNPT	3002-3025-025
6	3		CPLG 2" FNPT FULL 150# CS.	3003-0200-000
7	5		ELBOW 2.0" 90°	3012-0200-025
8	3		TEE 2.00" FNPT	3025-0200-025
9	1		TEE 2.50" FNPT	3025-0250-025
10	1		TEE 3.00" FNPT	3025-0300-025
11	4		UNION 2.00" FNPT	3031-0200-025
12	1	3.00	NIPPLE 2.0"MNPT X 3.0"	3086-2030-025
13	1	3.00	NIPPLE 2.0"MNPT X 3.0"	3086-2030-025
14	2	4.00	NIPPLE 2.0"MNPT X 4.0"	3086-2040-025
15	3	4.00	NIPPLE 2.0"MNPT X 4.0"	3086-2040-025
16	3	6.00	NIPPLE 2.0"MNPT X 6.0"	3086-2060-025
17	1	2.50	NIPPLE 2.5"MNPT X CLOSE CS	3086-2500-025
18	1		FLANGE THD 2.5" 150# CS W/RF	3216-0250-000
19	1		FLANGE 2.5" 150# X 2" THD CS W/RF	3216-2520-000
20	3		FLEX CONN 2" MNPT X 8"LG 304S/CS	3300-0200-001
21	1		GASKET PTFE 4.88" ODX2.88" ID X.12"	3510-0250-001
22	1		BOLT SET FOR 2.5"150# FLG ZINC PLTD	3775-0250-001
23	1	13.86	PIPE 2" NOM DIA XSCH40 CS.	5500-0200-000
24	1	60.58	PIPE 2" NOM DIA XSCH40 CS.	5500-0200-000
25	1	35.36	PIPE 2.5" NOM DIA X SCH40 CS.	5500-0250-000
26	3		VLV CK HNG 2" THD CS/AL/BUNA	7316-0200-000
27	3		VLV PETCOCK .25" BRASS	7329-0025-000

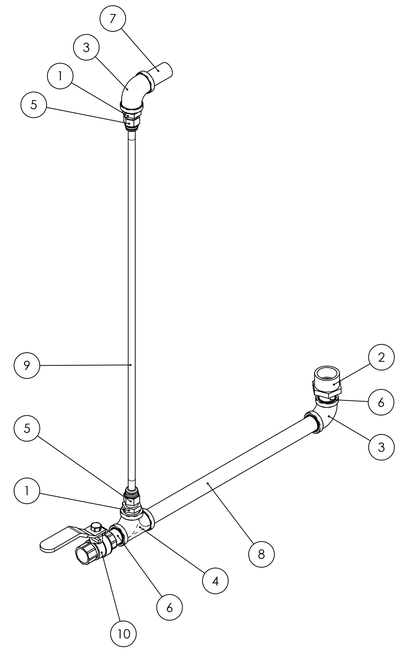


6890-100694-2				
ITEM NO.	QTY.	LENGTH	DESCRIPTION	PART NUMBER
1	3		FILTER INLET 2" 175 CFM POLYESTER	2920-0200-001
2	1		BUSHING .5"MNPT X .25"FNPT	3002-0502-025
3	2		BUSHING 2.0"MNPT X .5"FNPT	3002-2005-025
4	2		BUSHING 2.0"MNPT X .75"FNPT	3002-2007-025
5	1		BUSHING 2.5"MNPT X 2.0"FNPT	3002-2520-025
6	2		BUSHING 3.0"MNPT X 2.0"FNPT	3002-3020-025
7	1		BUSHING 3.0"MNPT X 2.5"FNPT	3002-3025-025
8	3		ELBOW 2.0" 90°	3012-0200-025
9	2		ELBOW 3.0" 90°	3012-0300-025
10	4		TEE 2.00" FNPT	3025-0200-025
11	1		TEE 2.50" FNPT	3025-0250-025
12	2		TEE 3.00" FNPT	3025-0300-025
13	4		UNION 2.00" FNPT	3031-0200-025
14	1		UNION 3.00" FNPT	3031-0300-025
15	4	2.00	NIPPLE 2.0"MNPT X CLOSE	3086-2000-025
16	4	2.50	NIPPLE 2.0"MNPT X 2.5"	3086-2025-025
17	2	2.50	NIPPLE 2.0"MNPT X 2.5"	3086-2025-025
18	1	3.00	NIPPLE 2.0"MNPT X 3.0"	3086-2030-025
19	1	3.50	NIPPLE 2.0"MNPT X 3.5"	3086-2035-025

6890-100694-2				
ITEM NO.	QTY.	LENGTH	DESCRIPTION	PART NUMBER
20	1	4.00	NIPPLE 2.0"MNPT X 4.0"	3086-2040-025
21	1	4.68	NIPPLE 2.0"MNPT X 4.5"	3086-2045-025
22	1	6.00	NIPPLE 2.0"MNPT X 6.0"	3086-2060-025
23	1	2.50	NIPPLE 2.5"MNPT X CLOSE CS	3086-2500-025
24	1	3.00	NIPPLE 3.0"MNPT X 3.0"	3086-3030-025
25	1	5.62	NIPPLE 3.0"MNPT X 5.5"	3086-3055-025
26	1		FLANGE THD 2.5" 150# CS W/RF	3216-0250-000
27	1		FLANGE 2.5" 150# X 2" THD CS W/RF	3216-2520-000
28	3		FLEX CONN 2" MNPT X 8"LG 304S/CS	3300-0200-001
29	1		GASKET PTFE 4.88" ODX2.88" ID X.12"	3510-0250-001
30	1		BOLT SET FOR 2.5"150# FLG ZINC PLTD	3775-0250-001
31	2	8.00	PIPE 2" NOM DIA XSCH40 CS.	5500-0200-000
32	1	6.56	PIPE 2" NOM DIA XSCH40 CS.	5500-0200-000
33	1	31.08	PIPE 2" NOM DIA XSCH40 CS.	5500-0200-000
34	1	14.40	PIPE 2.5" NOM DIA X SCH40 CS.	5500-0250-000
35	1	7.87	PIPE 3" NOM DIA X SCH40 CS.	5500-0300-000
36	1	27.05	PIPE 3" NOM DIA X SCH40 CS.	5500-0300-000
37	4		VLV BALL 2.0" FNPT FP 2-PC BRZ/TF	7302-0200-000
38	3		VALVE VAC RELIEF .75" ADJ 50 SCFM	7342-0075-000



6890-100694-3				
ITEM NO.	QTY.	LENGTH	DESCRIPTION	PART NUMBER
1	2		BUSHING .5"MNPT X .375"FNPT	3002-0503-025
2	1		BUSHING 1.0"MNPT X .5"FNPT STEEL	3002-1005-025
3	2		ELBOW .50" 90°	3012-0050-025
4	1		TEE .5" FNPT	3025-0050-025
5	2		FTNG STR .38"MNPTX.38"TUBE BRS PUSH	3038-0038-001
6	2		NIPPLE .5"MNPT X 1.5"	3086-0515-025
7	1		NIPPLE .50"MNPT X 2.0"	3086-0520-025
8	1	13.34	PIPE .50" NOM DIA XSCH40 CS.	5500-0050-000
9	1	24.00	TUBING .38" OD FEP/TEFLN TRANSLUCNT	7200-0038-001
10	1		VLV BALL .5"FNPT FP 2-PC BRZ/TF	7302-0050-000



SCALE 1 : 4

TOLERANCES DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED IN DRAWING DECIMAL ± .50" FRACTIONAL ± 1/2" ANGULAR ± .5°	MODEL NO: VMX0153MA3-45-DS		DEKKER VACUUM TECHNOLOGIES, INC.
	PART NO: 100694		
	DESIGN BY: CRH	DATE: 5/20/2022	
THIRD ANGLE PROJECTION	DRAWING BY: CRH	DATE: 5/20/2022	DESCRIPTION: VMX0153MA3-45-DS TEFC 460V
	CHECKED BY: AJP	DATE: 5/20/2022	
THIS PRINT IS PROPERTY OF DEKKER VACUUM TECHNOLOGIES, INC. AND SHALL NOT BE GIVEN TO ANY OTHER CONCERN WITHOUT THE CONSENT OF DEKKER VACUUM TECHNOLOGIES, INC.	APPROVED BY: RHC	DATE: 6/9/2022	DRAWING TYPE: PIPING / DWG NO: 2022312 / SHEET: D
	REVIEWED BY:	DATE:	WEIGHT: 3279.64 LB / SCALE: 1:8 / SHEET NO: 3 OF 3 / SIZE