

- NOTES:
1) LOCATE VACUUM PUMP ON FLAT LEVEL SURFACE.
2) PLUG ALL UNUSED PORTS WITH NPT PLUG.
3) OIL CAPACITY: 6 GALLONS P/N: 5220-3300-000
4) REFERENCE WI-EN-039 FOR ALL HARDWARE TORQUE SPECIFICATIONS
5) SHIP LOOSE VIBRATION ISOLATION FEET (14) .

SYSTEM NOZZLE SCHEDULE		
IDENTIFIER	CONNECTION	SIZE
A	VAPOR INLET	2" FNPT
B	VAPOR DISCHARGE	2" MNPT
C	TANK DRAIN	1/2" FNPT
D	SEPARATOR TANK DRAIN	3/8" FNPT
E	HEAT EXCHANGER DRAIN	3/8" FNPT

ALLOW 20" CLEARANCE
FOR DOOR SWING
MINIMUM WORK DEPTH IS 48"
MINIMUM WORK WIDTH IS 30"

4X Ø.50 THRU
(1) WALL. DRILL THROUGH TOP
PLATE AT ASSEMBLY

2X Ø.50 THRU
(1) WALL. DRILL THROUGH TOP
PLATE AT ASSEMBLY

SECTION C-C

DETAIL B
SCALE 2 : 7

4.13
2.06
2X Ø.50
THRU
MOUNTING HOLES
SECTION A-A
TYP. AT 4 PLACES

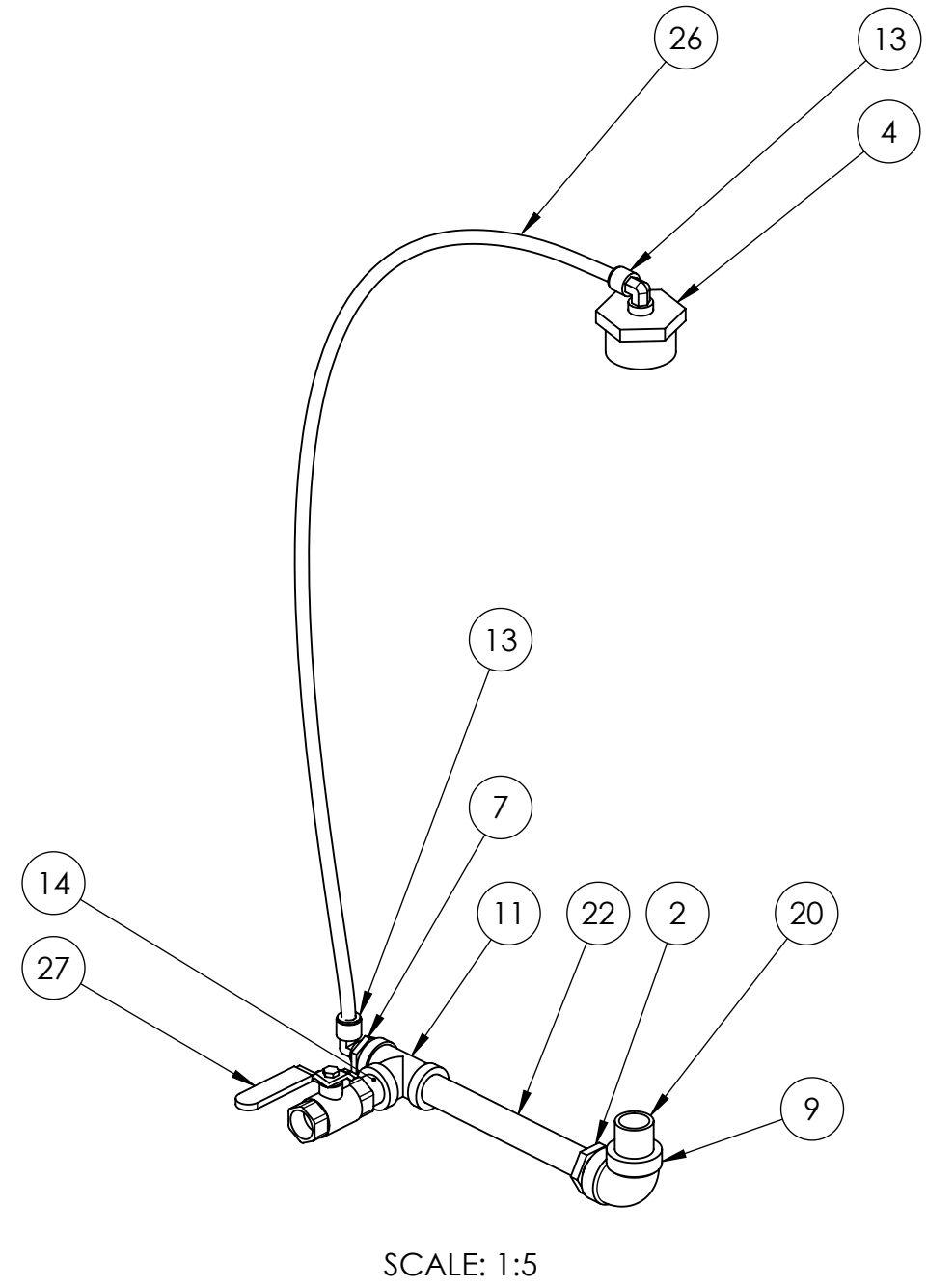
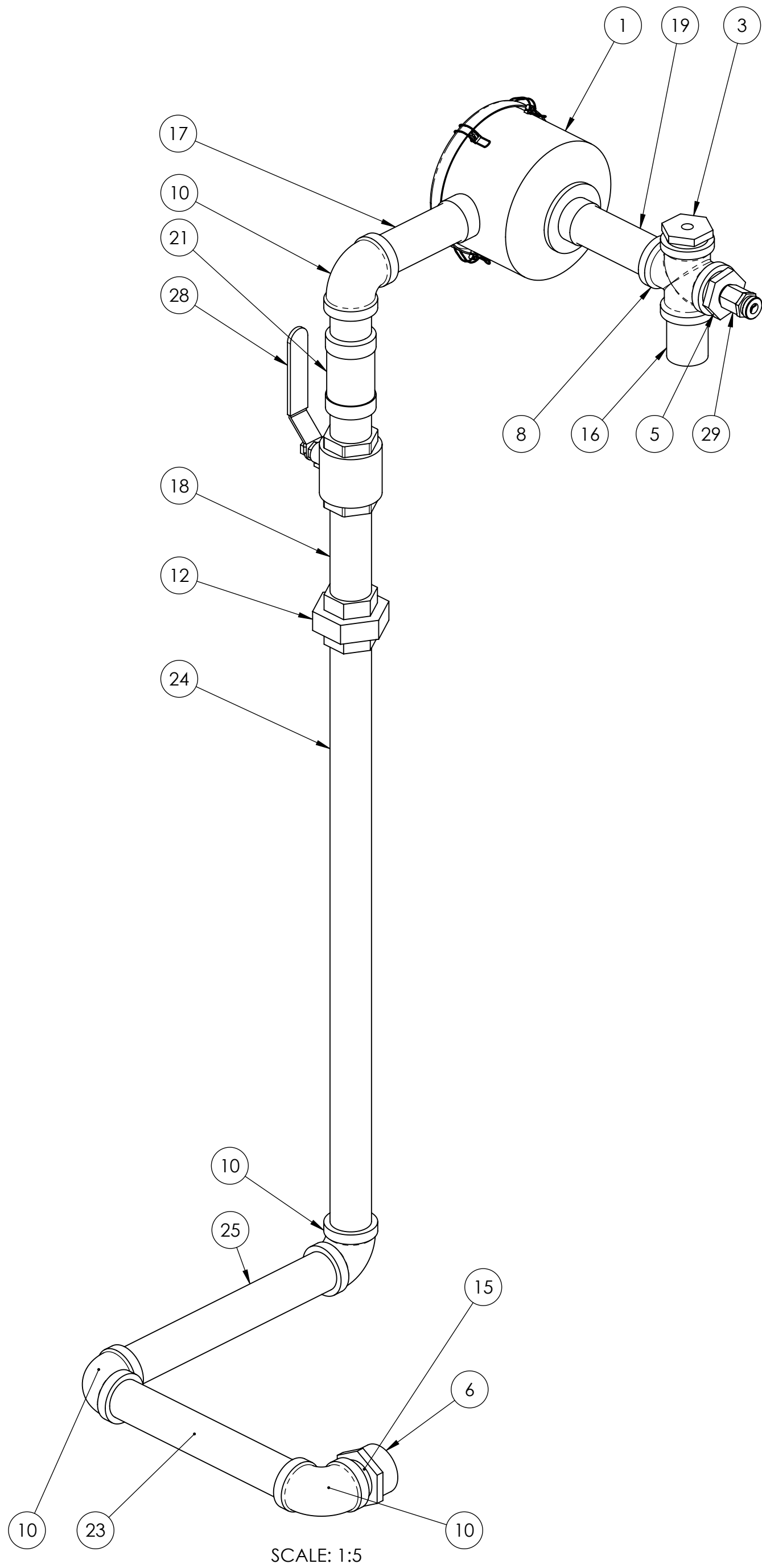
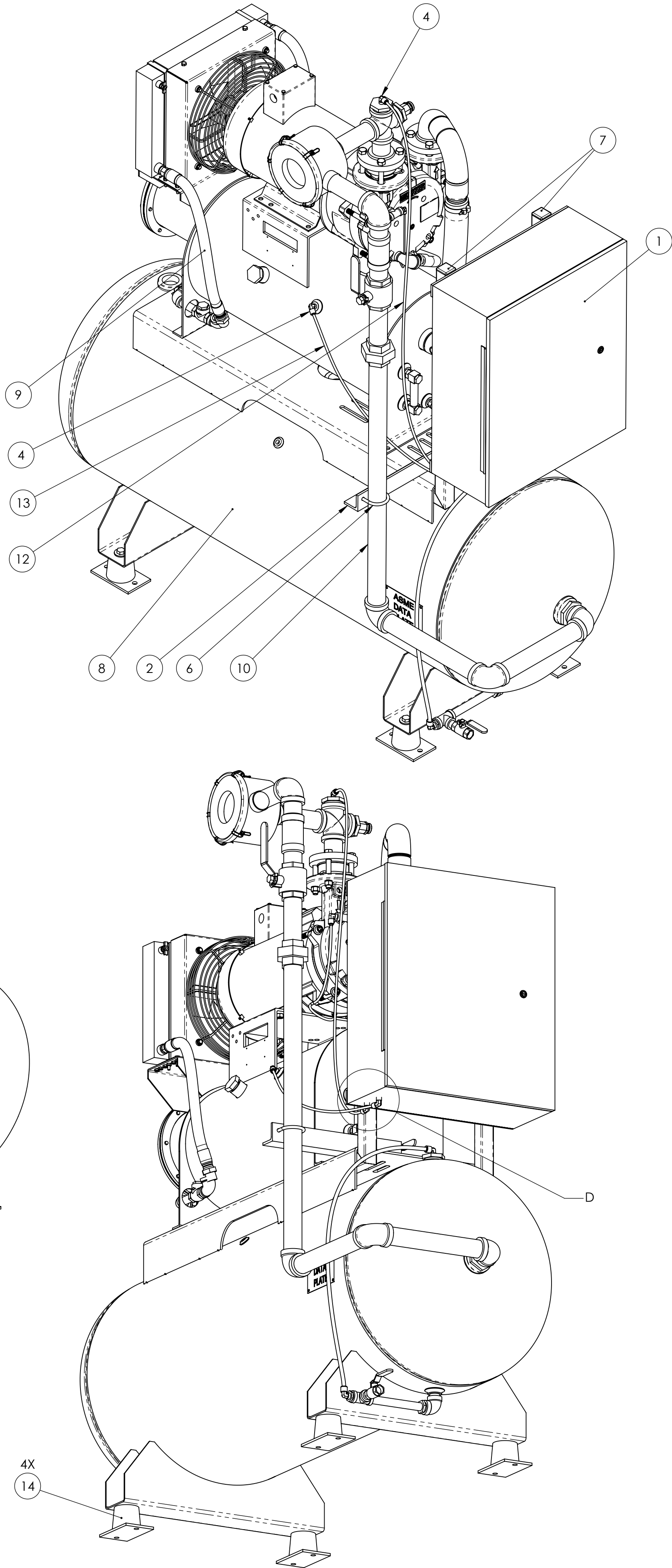
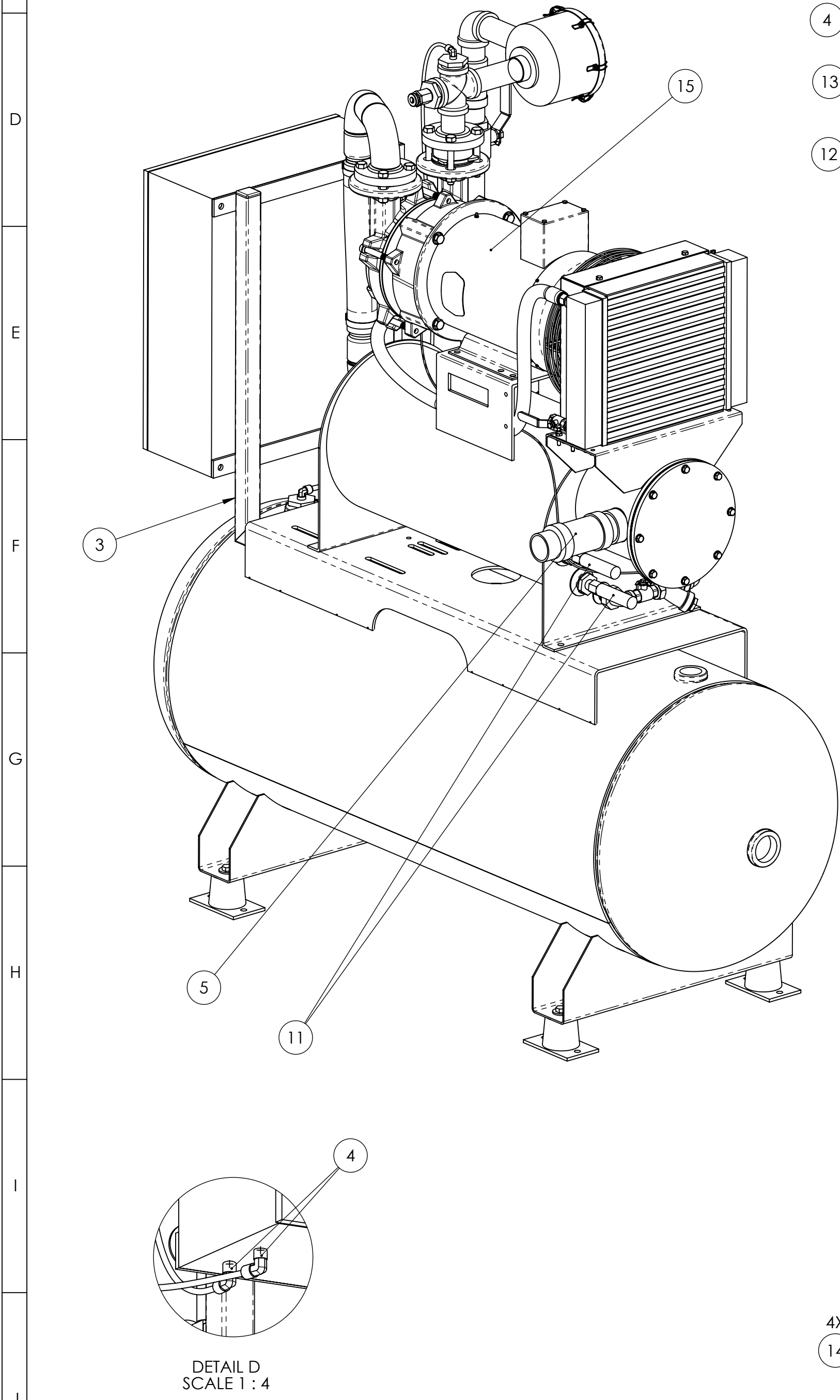
15" REQUIRED FOR PROPER
HEAT EXCHANGER OPERATION

5" CLEARANCE REQUIRED FOR
FILTER ELEMENT REMOVAL AND
MAINTENANCE

TOLERANCES		MODEL NO. VMX0103MA1-4S-DS PART NO. 078095		DEKKER VACUUM TECHNOLOGIES, INC.	
DECIMAL	± .50"	DESIGN BY:	KEC	DATE:	4/13/2018
FRACTIONAL	± 1/2"	DRAWING BY:	KEC	DATE:	4/13/2018
ANGULAR	± .5°	CHECKED BY:	EJB	DATE:	4/17/2018
UNLESS OTHERWISE SPECIFIED IN DRAWING		APPROVED BY:	AWH	DATE:	4/20/2018
THIS PRINT IS PROPERTY OF DEKKER VACUUM TECHNOLOGIES, INC. AND MAY NOT BE GIVEN TO ANY OTHER CONCERN WITHOUT THE CONSENT OF DEKKER VACUUM TECHNOLOGIES, INC.		PROJECT ENG:	AWH	SERIAL NO.	
		DRAWING TYPE	PRODUCTION	DWG NO.	2018256-D
		WEIGHT:	954.115 LB	SCALE:	1:7
				SHEET NO.	1 OF 2

REVISIONS					
REV.	DESCRIPTION	DATE	DWG	ERP	APP

1		2			3	4	5	6	7	8	9		10	
ITEM NO.		QTY	LENGTH	DESCRIPTION	PART NUMBER									
A	1	1		CTRL PNL CONTROLDEK 7.5HP N12 200V DISC	2273-0780-950									
	2	1		BRACKET SUPPORT PIPE CS	2728-2018-251									
	3	1		BRACKET CNTL PNL 24X20 CS	2730-2018-245									
	4	4		FTNG 90° .25"MNPTX.25"UBE BRS PUSH	3039-0025-001									
B	5	1		FLEX CONN 2" MNPT X 8"LG 304SS/CS	3300-0200-001									
	6	1		U-BOLT 2" ID 5/16-18 UNC, 1.5" PIPE	3825-0200-004									
	7	2		PLUG PROTECTIVE 1.5" SQR POLY	3842-0150-000									
	8	1		RECEIVER TNK HORZ 120 GAL CS ASME	6000-0120-200									
C	9	1		SUB ASSEMBLY PIPING VMX0103M AIR	6870-0103-011									
	10	1		SYSTEM PIPING CS	6890-078095-1									
	11	2		SWITCH LEVEL 1" MNPT N7 BR3/SST/GOLD	6910-0100-007									
	12	1	46	TUBING .25"OD FEP/TEFLN TRANSLUCENT	7200-0025-001									
D	13	1	27	TUBING .25"OD FEP/TEFLN TRANSLUCENT	7200-0025-001									
	14	4		VIBRATION ISOLATOR 525# RED	7500-0525-000									
	15	1		VMAX 100 CFM SYSTEM 7.5 HP MTR MNT	VMX0103MA1-13									



ITEM NO.		QTY	LENGTH	LCheck	DESCRIPTION	PARTNUMBER
1	1				FILTER INLET 1.50" 80 CFM POLY	2920-0150-001
2	1				BUSHING .75"MNPT X .5"FNPT	3002-0705-025
3	1				BUSHING 1.5"MNPT X .25"FNPT	3002-1502-025
4	1				BUSHING 1.5"MNPT X .375"FNPT	3002-1503-025
5	1				BUSHING 1.5"MNPT X .75"FNPT	3002-1575-025
6	1				BUSHING 2.0"MNPT X 1.5"FNPT	3002-2015-025
7	1				BUSHING .5"MNPT X .375"FNPT STEEL	3002-5037-025
8	1				CROSS 1.5" FNPT	3005-0150-025
9	1				ELBOW .75" 90°	3012-0075-025
10	4				ELBOW 1.5" 90° FNPT	3012-0150-025
11	1				TEE .5" FNPT	3025-0050-025
12	1				UNION 1.5" FNPT	3031-0150-025
13	2				FTNG 90° .38"MNPTX.38"UBE BRS PUSH	3039-0038-000
14	1		1.49		NIPPLE .5"MNPT X 1.5"	3086-0515-025
15	1		1.82		NIPPLE 1.5"MNPT X CLOSE	3086-1500-025
16	1		3		NIPPLE 1.5"MNPT X 3.0"L	3086-1530-025
17	1		6.07		NIPPLE 1.5"MNPT X 6.0"	3086-1560-025
18	1		6		NIPPLE 1.5"MNPT X 6.0"	3086-1560-025
19	1		6		NIPPLE 1.5"MNPT X 6.0"	3086-1560-025
20	1		1.44		NIPPLE 0.75"MNPT X CLOSE	3086-7500-025
21	1				FLEX CONN 1.50" MNPT X 8"LG 304SS/CS	3300-0150-001
22	1	6.99			PIPE .50" NOM DIA XSCH40 CS.	5500-0050-000
23	1	12.26			PIPE 1.50" NOM DIA XSCH40 CS.	5500-0150-000
24	1	32.05			PIPE 1.50" NOM DIA XSCH40 CS.	5500-0150-000
25	1	14.16			PIPE 1.50" NOM DIA XSCH40 CS.	5500-0150-000
26	1	35			TUBING .38" OD FEP/TEFLN TRANSLUCNT	7200-0038-001
27	1				VLV BALL .5"FNPT FP 2-PC BRZ/TF	7302-0050-000
28	1				VLV BALL 1.5" FP 2-PC THD BRZ/TF	7302-0150-000
29	1				VALVE VAC RELIEF .75" ADJ 50 SCFM	7342-0075-000

TOLERANCES

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

MODEL NO.
VMX0103MA1-45-DS
PART NO.
078095

DESIGN BY: KEC DATE: 4/13/2018
DRAWING BY: KEC DATE: 4/13/2018
CHECKED BY: EJB DATE: 4/17/2018
APPROVED BY: AWH DATE: 4/20/2018

DEKKER
VACUUM TECHNOLOGIES, INC.

DESCRIPTION
VMX0103MA1-45-DS 208V TEFC

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DRAWING TYPE
BOM
DWG NO.
2018256-D

WEIGHT: 954.115 LB
SCALE: 1:8
SHEET NO. 2 OF 2