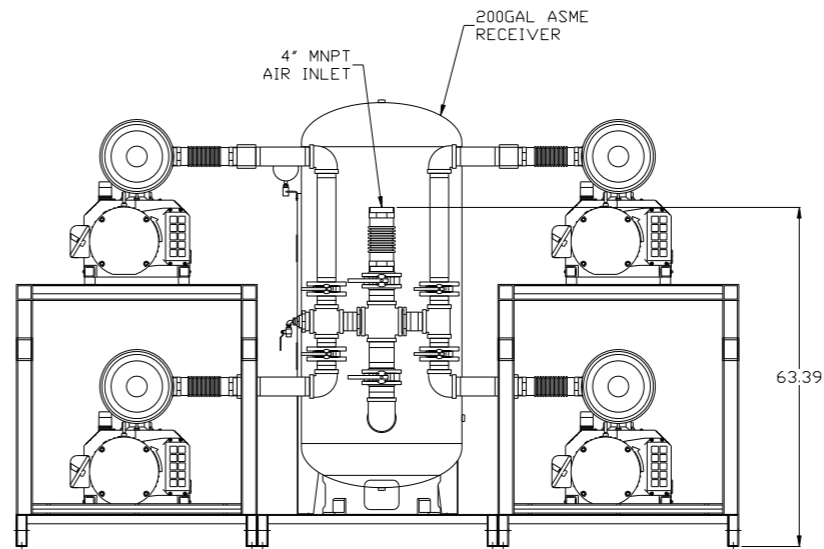
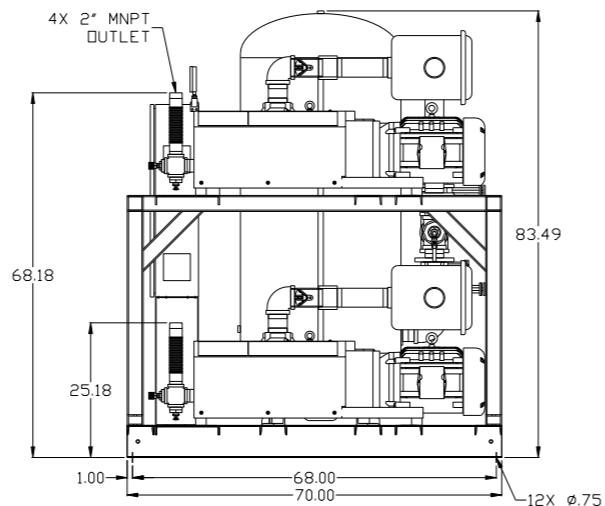
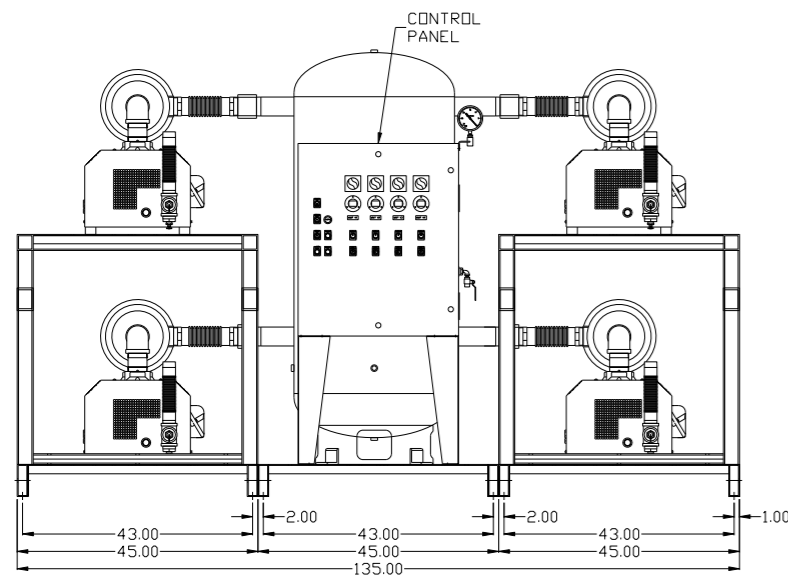
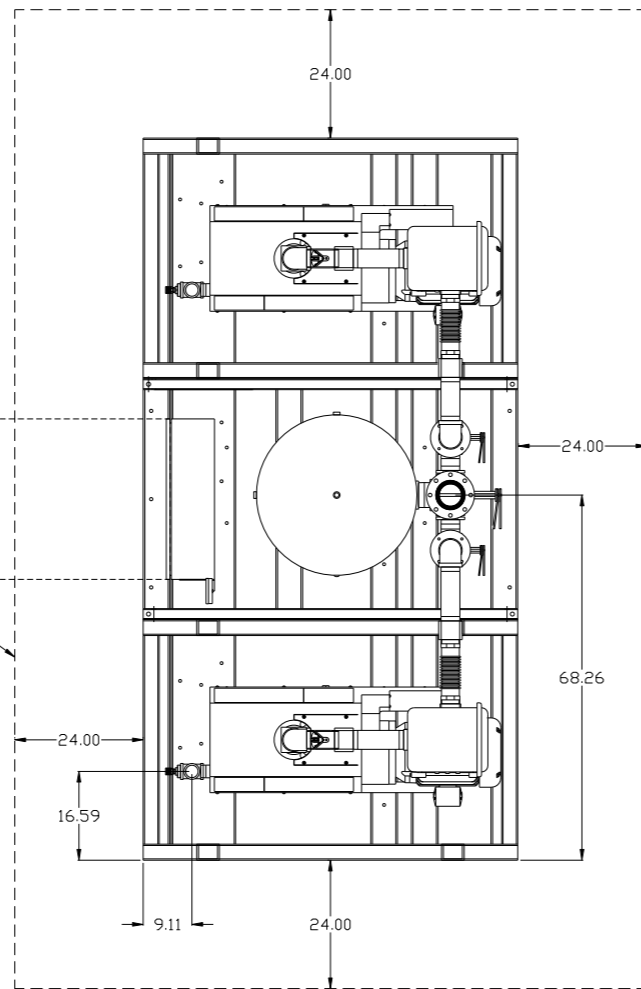


REV	ZONE	REVISION	DATE	ECN	NAME	CHKD
B-1	ALL	RELEASE TO PRODUCTION	3/4/08	21881	AEK	GES
B-2	ALL 2 ALL 1 ALL	ADDED OPTIONAL LAYOUT CORRECTED PIPE SIZES ON LAYOUT ADDED PIPE SIZES TO FLOW	4/2/08	21881	AEK	GES
B-3	ALL	REMOVED SIGHT GAUGE FROM FLOW SCHEMATIC REDREW LAYOUT USING REDESIGNED FRAMES	4/24/08	21881	AEK	GES
C-1	ALL	ADDED O2 CLEANED SHEETS	7/6/09	22127	AEK	GES
C-2	1 ALL	REMOVED VACUUM SWITCHES FROM CONTRL PANEL	11/18/09	22127	AEK	GES
D-1	3-ALL	ADDED SHEET 3, CDG	3/5/10	22348	GES	DMS
D-2	ALL P 22322	CORRECTED INLET FLEX LENGTH ADDED DRIP LEG	10/5/10	22348	AEK	GES
E-1	ALL 2 B-6 2 ALL ALL	CHANGED BV/UNIONS TO BUTTERFLY VALVES ADDED SIGHT GAUGE ADDED SOURCE VALVE INFORMATION ADDED PBM/HMI SHEETS	3/15/13	PXEC0030	AEK	DMS
F-1	1 ALL	CHANGED PUMP TO MH502 REMOVED O2 CLEANED SHEETS	8/4/15	PXEC0098	AEK	GES

MINIMUM RECOMMENDED ELECTRICAL PANEL CLEARANCE PER OSHA/NEC REQUIREMENTS

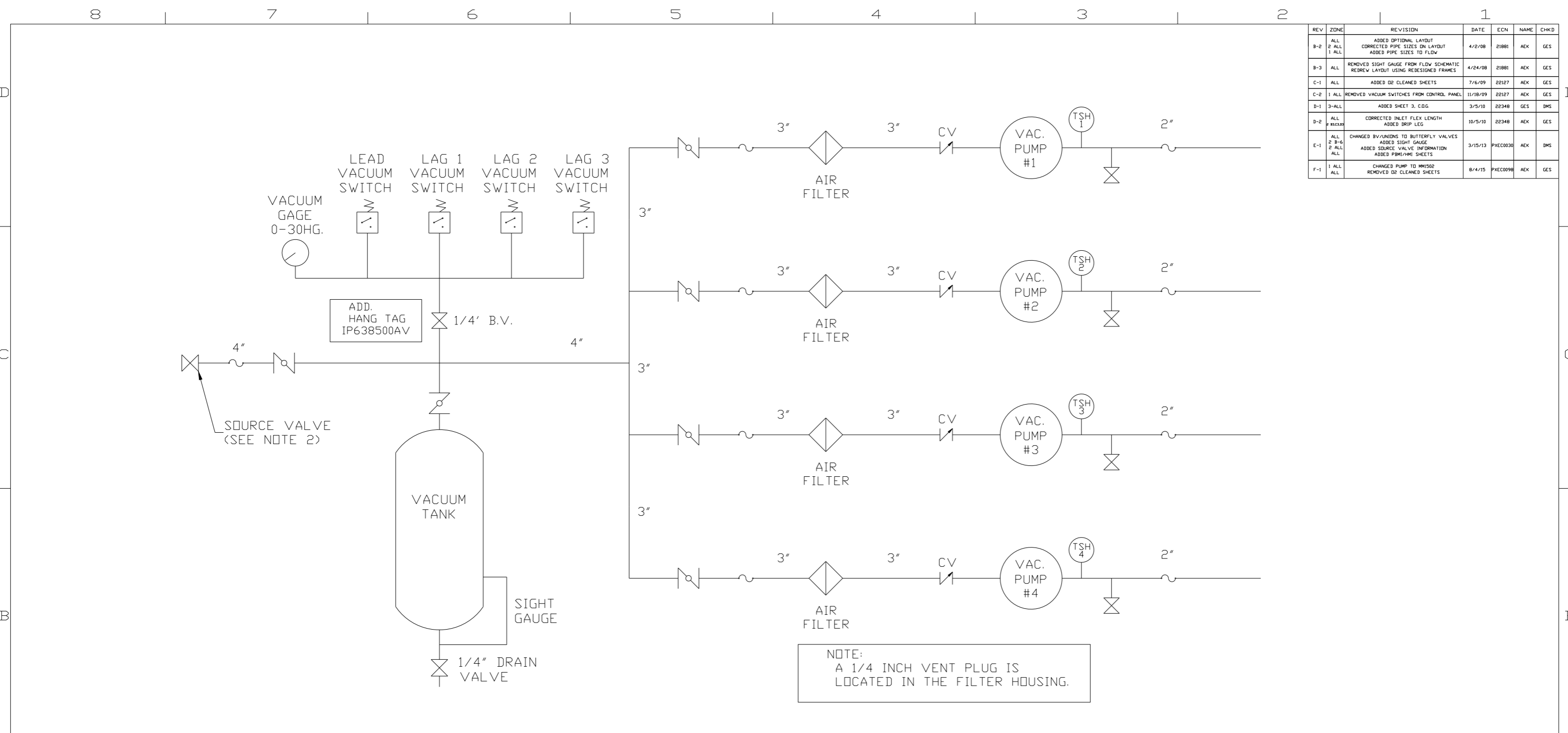
MINIMUM RECOMMENDED MAINTENANCE CLEARANCE



NOTE: SYSTEM DESIGNED IN COMPLIANCE WITH U.S. NFPA '99, LATEST EDITION.

SYMBOL LEGEND		= ADDITIONAL CONTROL REQ'D		Drawings to conform to the current revision of the following ANSI standards	
⊖	MINUS DRAFT	⊕	PLUS DRAFT	⊕	BRINELL HARDNESS
TOLERANCES NOT SPECIFIED		AUTOCAD REL2008 LT		DO NOT SCALE DRAWING FOR DIMENSIONS	
.XX ±		INCH		Sheet 1 of 6	SCALE 1:18
.XXX ±		CONFIDENTIAL DISCLOSURE		This drawing is the property of the CAMPBELL GROUP of the SCOTT FETZER COMPANY and subject to return on demand. Its contents are confidential and must not be copied or submitted to outside parties for use or examination.	
<< DEG >> ±		DRAWN BY		CHECKED BY	APPROVED BY
		AEK		GES	DMS RJR
		3/4/08		3/4/08	3/4/08 3/4/08
MATERIAL		N/A		 150 PRODUCTION DRIVE, HARRISON, OHIO 45030 Ph: 888-769-7979 FAX: (513) 367-3125	
PART NAME		15HP CLAW VAC PACKAGE		DVG NO CVPQ1505 SIZE D	
		200GAL QUADPLEX		CVPQ1505.dwg	

REV	ZONE	REVISION	DATE	ECN	NAME	CHKD
B-2	ALL	ADDED OPTIONAL LAYOUT	4/2/08	21881	AEK	GES
B-3	ALL	REMOVED SIGHT GAUGE FROM FLOW SCHEMATIC	4/24/08	21881	AEK	GES
C-1	ALL	ADDED D2 CLEANED SHEETS	7/6/09	22127	AEK	GES
C-2	1 ALL	REMOVED VACUUM SWITCHES FROM CONTROL PANEL	11/18/09	22127	AEK	GES
D-1	3-ALL	ADDED SHEET 3, C.D.G.	3/5/10	22348	GES	DMS
D-2	ALL	CORRECTED INLET FLEX LENGTH	10/5/10	22348	AEK	GES
E-1	ALL	CHANGED BV/UNIONS TO BUTTERFLY VALVES	3/15/13	PXEC0030	AEK	DMS
F-1	ALL	CHANGED PUMP TO MH502	8/4/15	PXEC0098	AEK	GES



NOTE:
A 1/4 INCH VENT PLUG IS
LOCATED IN THE FILTER HOUSING.

LEGEND	
	TEMP. SWITCH
	LOW OIL LEVEL SW.
	AIR FILTER
	BALL VALVE
	SOLENOID VALVE
	VACUUM SWITCH
	CHECK VALVE
	FLEX LINE
	UNION
	BUTTERFLY VALVE

NOTES:
1) TSH - TEMPERATURE SWITCH HIGH
2) PER NFPA THE SYSTEM WILL REQUIRE A SOURCE VALVE (SUPPLIED BY OTHERS).

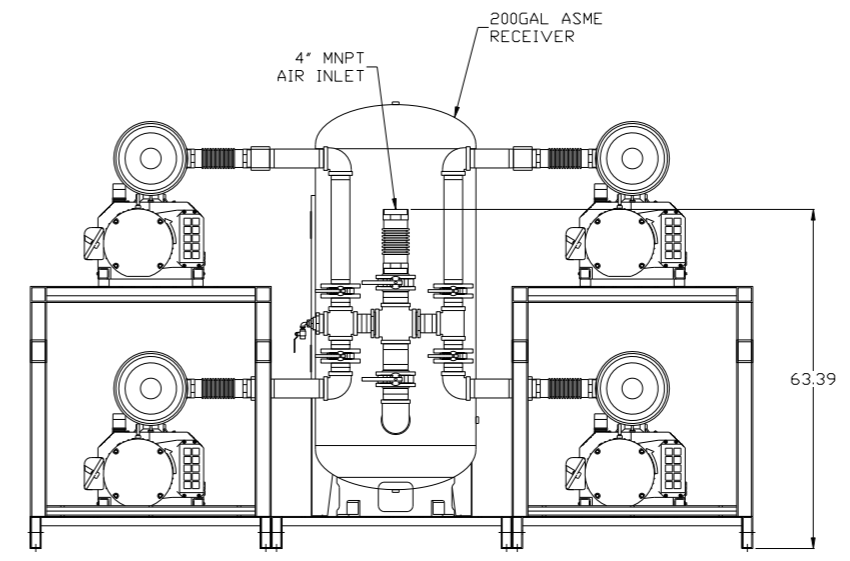
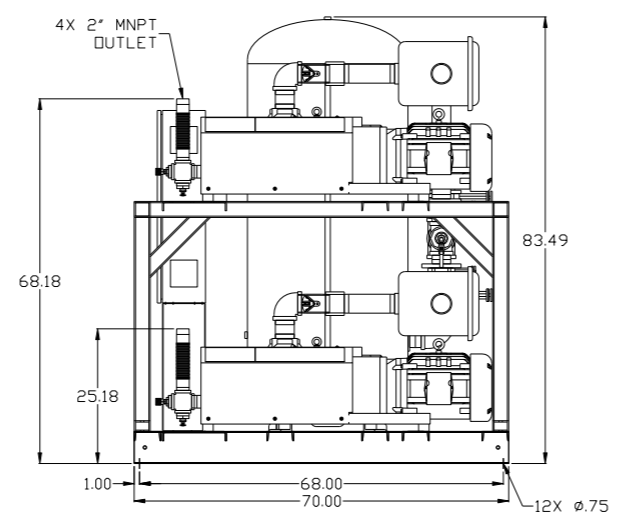
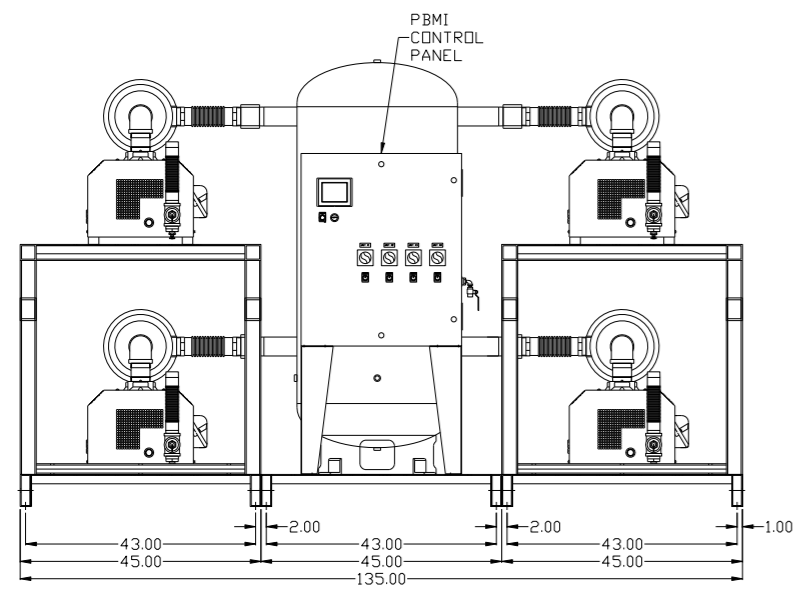
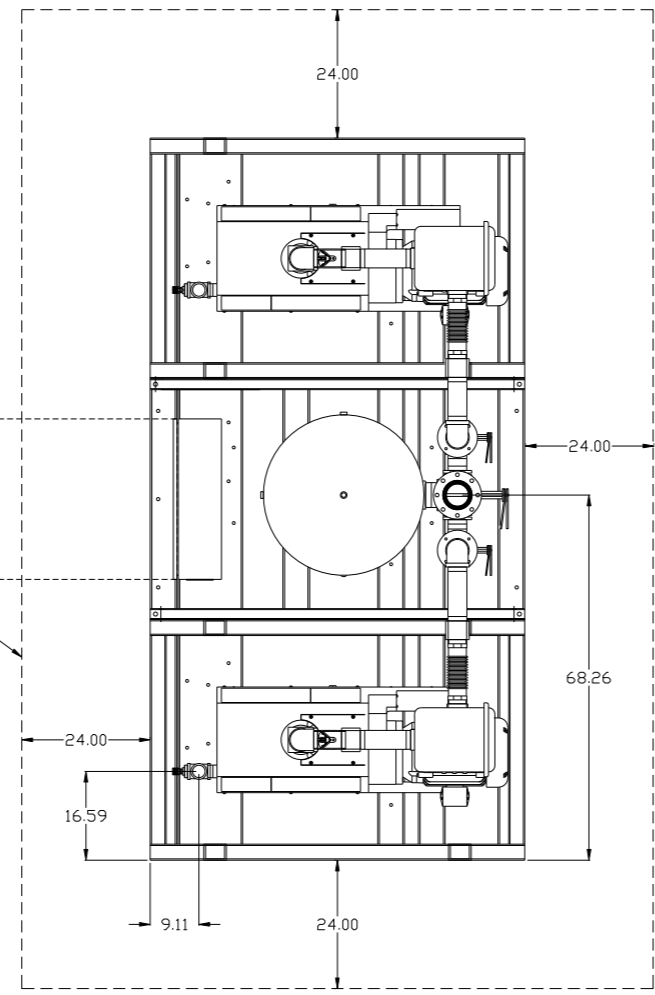
SYMBOL LEGEND			ADDITIONAL CONTROL REQ'D	Drawings to conform to the current revision of the following ANSI standards:	
	MINUS DRAFT		BRINELL HARDNESS	Y14.3 Multi and sectional view dsgs. Y14.5M Dimensioning and tolerancing	
TOLERANCES NOT SPECIFIED		AUTOCAD REL2008 LT	DO NOT SCALE DRAWING FOR DIMENSIONS		
.XX ±	.XXX ±	<<DEG> ±	INCH	Sheet 2 of 6	SCALE 1:18
CONFIDENTIAL DISCLOSURE: This drawing is the property of the CAMPBELL GROUP of the SCOTT FETZER COMPANY and subject to return on demand. Its contents are confidential and must not be copied or submitted to outside parties for use or examination.					
DRAWN BY	CHECKED BY	ENGINEERING	MFG/MRKTG		
AEK	GES	DMS	RJR		
MATERIAL		N/A			
PART NAME		CLAW VAC QUADPLEX FLOW SCHEMATIC			
DWG NO		CVPQ1505			
SIZE		D			

8 7 6 5 4 3 2 1

REV	ZONE	REVISION	DATE	ECN	NAME	CHKD
E-1	ALL	CHANGED BV/UNIONS TO BUTTERFLY VALVES				
	2 B-6	ADDED SIGHT GAUGE	3/15/13	PXEC0030	AEK	DMS
	2 ALL	ADDED SOURCE VALVE INFORMATION				
	ALL	ADDED PBMI/HMI SHEETS				
F-1	1 ALL	CHANGED PUMP TO HMI50P	8/4/15	PXEC0098	AEK	GES
	ALL	REMOVED 02 CLEANED SHEETS				

MINIMUM RECOMMENDED ELECTRICAL PANEL CLEARANCE PER OSHA/NEC REQUIREMENTS

MINIMUM RECOMMENDED MAINTENANCE CLEARANCE



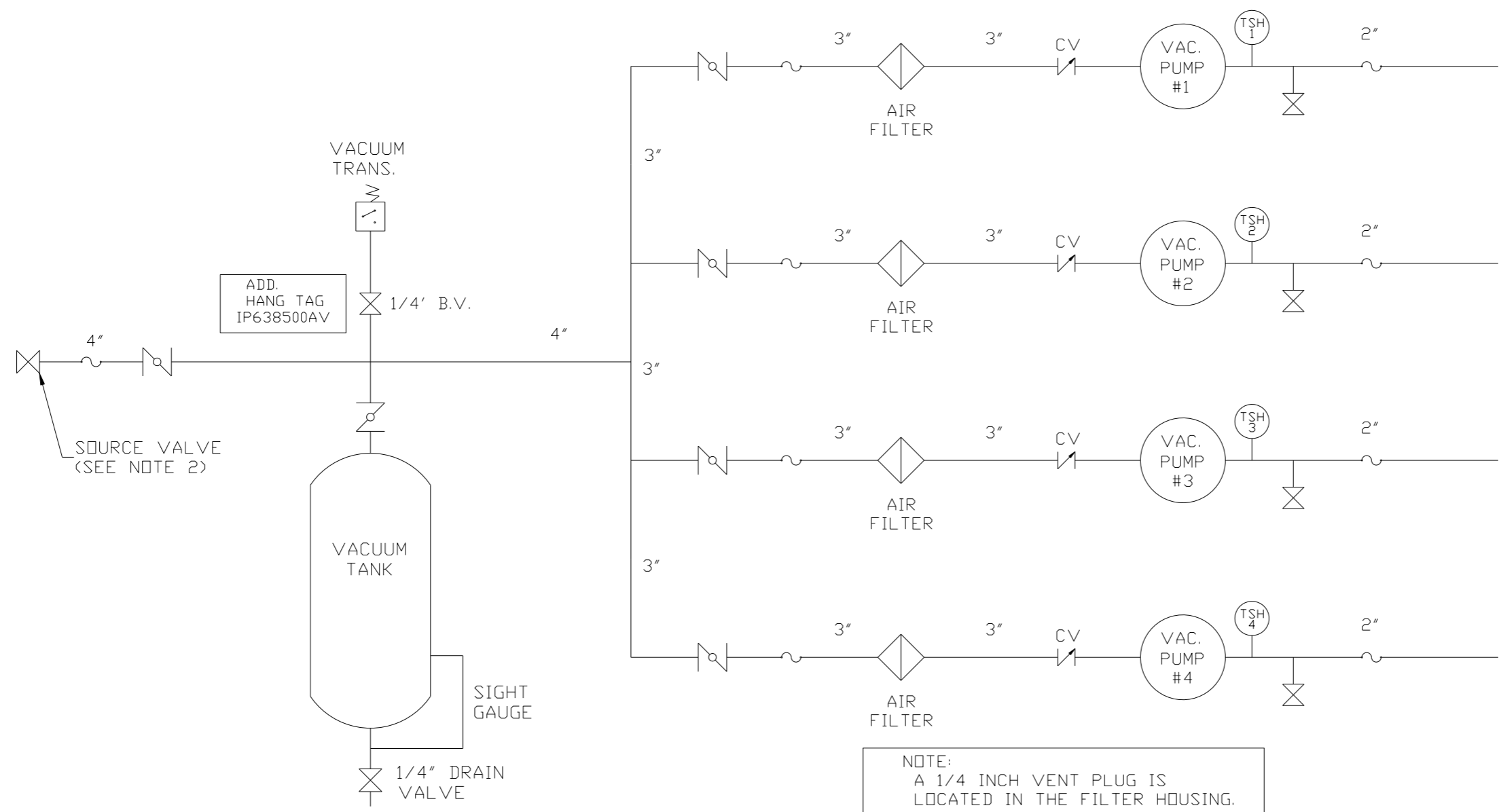
NOTE: SYSTEM DESIGNED IN COMPLIANCE WITH U.S. NFPA '99, LATEST EDITION.

SYMBOL LEGEND ⊖ = MINUS DRAFT ⊕ = PLUS DRAFT ⊕ = ADDITIONAL CONTROL REQ'D HRC = BRINELL HARDNESS		Drawings to conform to the current revision of the following ANSI standards: Y14.3 Multi and sectional view dgs. Y14.5M Dimensioning and tolerancing													
TOLERANCES NOT SPECIFIED .XX ± .XXX ± \angle (DEG) ±		DO NOT SCALE DRAWING FOR DIMENSIONS SCALE: 1:18 Sheet 1 of 6													
CONFIDENTIAL DISCLOSURE This drawing is the property of the CAMPBELL GROUP of the SCOTT FETZER COMPANY and subject to return on demand. Its contents are confidential and must not be copied or submitted to outside parties for use or examination.		APPROVED BY <table border="1"> <tr> <th>DRAWN BY</th> <th>CHECKED BY</th> <th>ENGINEERING</th> <th>MFG/MKTG</th> </tr> <tr> <td>AEK</td> <td>GES</td> <td>DMS</td> <td>RJR</td> </tr> <tr> <td>4/2/08</td> <td>4/2/08</td> <td>4/2/08</td> <td>4/2/08</td> </tr> </table>		DRAWN BY	CHECKED BY	ENGINEERING	MFG/MKTG	AEK	GES	DMS	RJR	4/2/08	4/2/08	4/2/08	4/2/08
DRAWN BY	CHECKED BY	ENGINEERING	MFG/MKTG												
AEK	GES	DMS	RJR												
4/2/08	4/2/08	4/2/08	4/2/08												
MATERIAL: N/A		POWEREX 150 PRODUCTION DRIVE, HARRISON, OHIO 45030 Ph: 888-769-7979 FAX: (513) 367-3125													
PART NAME: 15HP CLAW VAC PACKAGE		SIZE: D													
200GAL QUADPLEX		CVPQ1505													

8 7 6 5 4 3 2 1

CVPQ1505B.dwg

REV	ZONE	REVISION	DATE	ECN	NAME	CHKD
E-1	ALL	CHANGED BV/UNIONS TO BUTTERFLY VALVES				
	2 B-6	ADDED SIGHT GAUGE				
	2 ALL	ADDED SOURCE VALVE INFORMATION	3/15/13	PXEC0030	AEK	DMS
	ALL	ADDED PBM/HMI SHEETS				
F-1	1 ALL	CHANGED PUMP TO HMI50P	8/4/15	PXEC0098	AEK	GES
	ALL	REMOVED 02 CLEANED SHEETS				



NOTE:
A 1/4 INCH VENT PLUG IS
LOCATED IN THE FILTER HOUSING.


LEGEND	
	TEMP. SWITCH
	LOW OIL LEVEL SW.
	AIR FILTER
	BALL VALVE
	SOLENOID VALVE
	VACUUM SWITCH
	CHECK VALVE
	FLEX LINE
	UNION
	BUTTERFLY VALVE

NOTES:
1) TSH - TEMPERATURE SWITCH HIGH
2) PER NFPA THE SYSTEM WILL REQUIRE A SOURCE VALVE (SUPPLIED BY OTHERS).

SYMBOL LEGEND			= ADDITIONAL CONTROL REQ'D	Drawings to conform to the current revision of the following ANSI standards:
	= MINUS DRAFT		= BRINELL HARDNESS	Y14.3 Multi and sectional view dsgs. Y14.5M Dimensioning and tolerancing
	= PLUS DRAFT			
TOLERANCES NOT SPECIFIED	AUTOCAD REL2008 LT	DO NOT SCALE DRAWING FOR DIMENSIONS		
.XX ±		INCH	Sheet 2 of 6	SCALE 1:18
.XXX ±				
<<DEG> ±				
CONFIDENTIAL DISCLOSURE This drawing is the property of the CAMPBELL GROUP OF THE SCOTT FETZER COMPANY and subject to return on demand. Its contents are confidential and must not be copied or submitted to outside parties for use or examination.				
DRAWN BY	CHECKED BY	ENGINEERING	MFG/MKTG	APPROVED BY
AEK	DMS	AEK	RJR	
DATE	DATE	DATE	DATE	
3/15/13	3/15/13	3/15/13	3/15/13	
MATERIAL		N/A		
PART NAME		CLAW VAC QUADPLEX FLOW SCHEMATIC		
DWG NO		CVPQ1505		
SIZE		D		

8 7 6 5 4 3 2 1

REV	ZONE	REVISION	DATE	ECN	NAME	CHKD
D-1	3-ALL	ADDED SHEET, C. D. G.	3/5/10	22348	GES	DMS
D-2	ALL	CORRECTED INLET FLEX LENGTH ADDED DRIP LEG	10/5/10	22348	AEK	GES
E-1	ALL 2 B-6 2 ALL	CHANGED BV/UNIONS TO BUTTERFLY VALVES ADDED SIGHT GAUGE ADDED SOURCE VALVE INFORMATION ADDED PBM/HMI SHEETS	3/15/13	PXEC0030	AEK	DMS
F-1	1 ALL ALL	CHANGED PUMP TO MH1502 REMOVED 02 CLEANED SHEETS	8/4/15	PXEC0098	AEK	GES

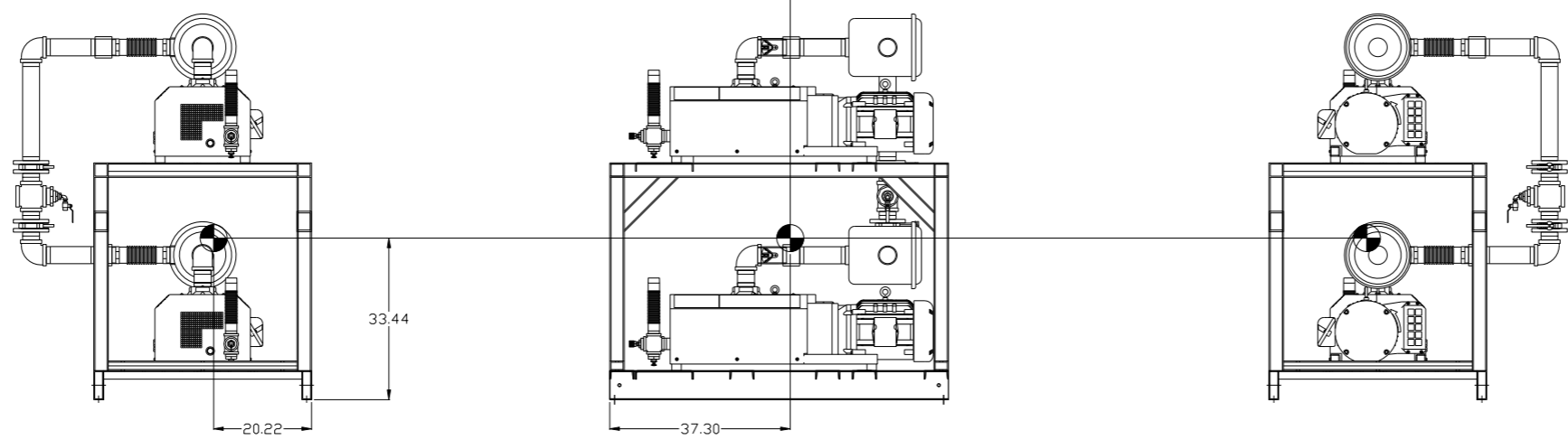
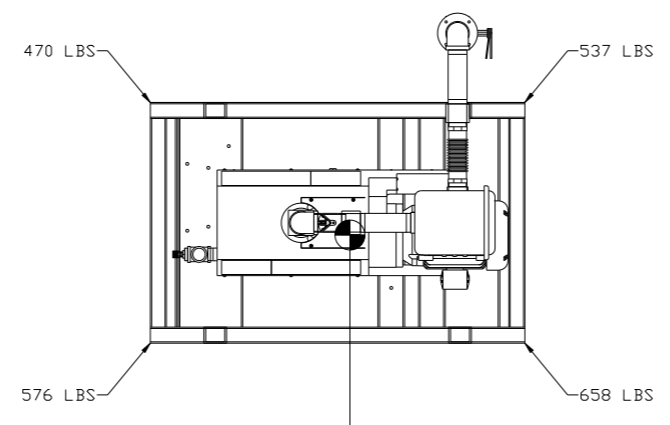
DENOTES CENTER OF GRAVITY 


RIGHT FRAME WEIGHT: 2241 LBS

CENTER OF GRAVITY LOCATIONS:

X<FRONT> Y<RIGHT> Z<HEIGHT>

37.30" 20.21" 33.44"

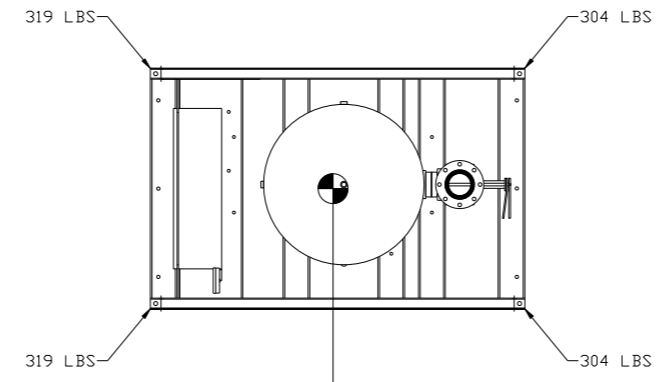


SYMBOL LEGEND ⊖ = MINUS DRAFT ⊕ = PLUS DRAFT ⊕ = ADDITIONAL CONTROL REQ'D ⊕ = BRINELL HARDNESS		Drawings to conform to the current revision of the following ANSI standards: Y14.3 Multi and sectional view dgs. Y14.5M Dimensioning and tolerancing	
TOLERANCES NOT SPECIFIED .XX ± .XXX ± \angle (DEG) ±		AUTOCAD REL2008 LT INCH	
CONFIDENTIAL DISCLOSURE This drawing is the property of the CAMPBELL GROUP OF THE SCOTT FETZER COMPANY and subject to return on demand. Its contents are confidential and must not be copied or submitted to outside parties for use or examination.		DO NOT SCALE DRAWING FOR DIMENSIONS Sheet 3 of 6 SCALE 1:18	
MATERIAL N/A		DRAWN BY: GES CHECKED BY: DMS APPROVED BY: ENGINEERING (GES, JJ) 3/5/10 3/5/10 3/5/10 3/5/10	
PART NAME 15HP CLAW VAC PACKAGE 200GAL QUADPLEX		 150 PRODUCTION DRIVE, HARRISON, OHIO 45030 Ph: 888-769-7979 FAX: (513) 367-3125	
DWG NO CVPQ1505		SIZE D	

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

REV	ZONE	REVISION	DATE	ECN	NAME	CHKD
D-1	3-ALL	ADDED SHEET, C. D. G.	3/5/10	22348	GES	DMS
D-2	ALL	CORRECTED INLET FLEX LENGTH ADDED DRIP LEG	10/5/10	22348	AEK	GES
E-1	ALL 2 B-6 2 ALL ALL	CHANGED BV/UNIONS TO BUTTERFLY VALVES ADDED SIGHT GAUGE ADDED SOURCE VALVE INFORMATION ADDED P&M/HMI SHEETS	3/15/13	PXEC0030	AEK	DMS
F-1	1 ALL ALL	CHANGED PUMP TO MH1502 REMOVED 02 CLEANED SHEETS	8/4/15	PXEC0098	AEK	GES



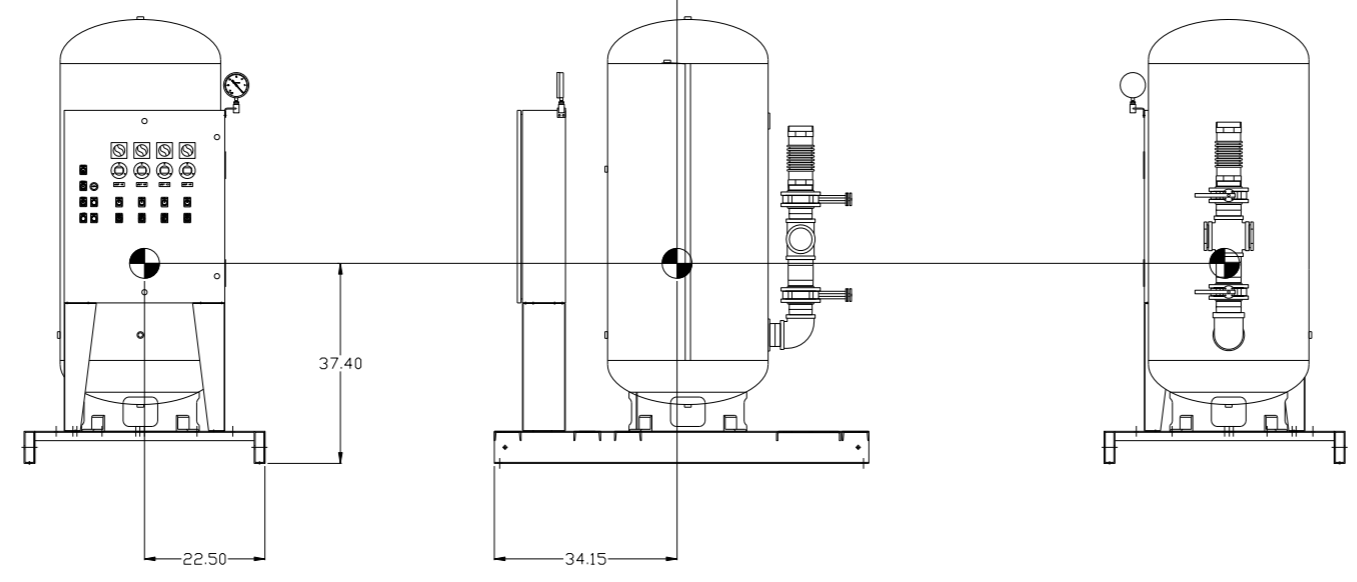
⊙ DENOTES CENTER OF GRAVITY

TANK FRAME WEIGHT: 1246 LBS

CENTER OF GRAVITY LOCATIONS:

X<FRONT> Y<RIGHT> Z<HEIGHT>

34.35" 22.5" 37.40"




NOTE: SYSTEM DESIGNED IN COMPLIANCE WITH U.S. NFPA '99, LATEST EDITION.

SYMBOL LEGEND ⊖ = MINUS DRAFT ⊕ = PLUS DRAFT ⊕ = ADDITIONAL CONTROL REQ'D HRC = BRINELL HARDNESS		Drawings to conform to the current revision of the following ANSI standards: Y14.3 Multi and sectional view dgs. Y14.5M Dimensioning and tolerancing	
TOLERANCES NOT SPECIFIED .XX ± .XXX ± <DEG> ±		DO NOT SCALE DRAWING FOR DIMENSIONS Sheet 4 of 6 SCALE 1:18	
AUTOCAD REL2008 LT INCH		CONFIDENTIAL DISCLOSURE This drawing is the property of the CAMPBELL GROUP OF THE SCOTT FETZER COMPANY and subject to return on demand. Its contents are confidential and must not be copied or submitted to outside parties for use or examination.	
DRAWN BY: GES CHECKED BY: DMS 3/5/10		APPROVED BY: ENGINEERING MFG/MKTG GES JJ 3/5/10 3/5/10 3/5/10 3/5/10	
MATERIAL: N/A		POWEREX 150 PRODUCTION DRIVE, HARRISON, OHIO 45030 Ph: 888-769-7979 FAX: (513) 367-3125	
PART NAME: 15HP CLAW VAC PACKAGE 200GAL QUADPLEX		DWG NO: CVPQ1505 SIZE: D	

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

REV	ZONE	REVISION	DATE	ECN	NAME	CHKD
D-1	3-ALL	ADDED SHEET, C. D. G.	3/5/10	22348	GES	DMS
D-2	ALL	CORRECTED INLET FLEX LENGTH ADDED DRIP LEG	10/5/10	22348	AEK	GES
E-1	ALL 2 B-6 2 ALL	CHANGED BV/UNIONS TO BUTTERFLY VALVES ADDED SIGHT GAUGE ADDED SOURCE VALVE INFORMATION ADDED PBM/HMI SHEETS	3/15/13	PXEC0030	AEK	DMS
F-1	1 ALL ALL	CHANGED PUMP TO MH1502 REMOVED 02 CLEANED SHEETS	8/4/15	PXEC0098	AEK	GES

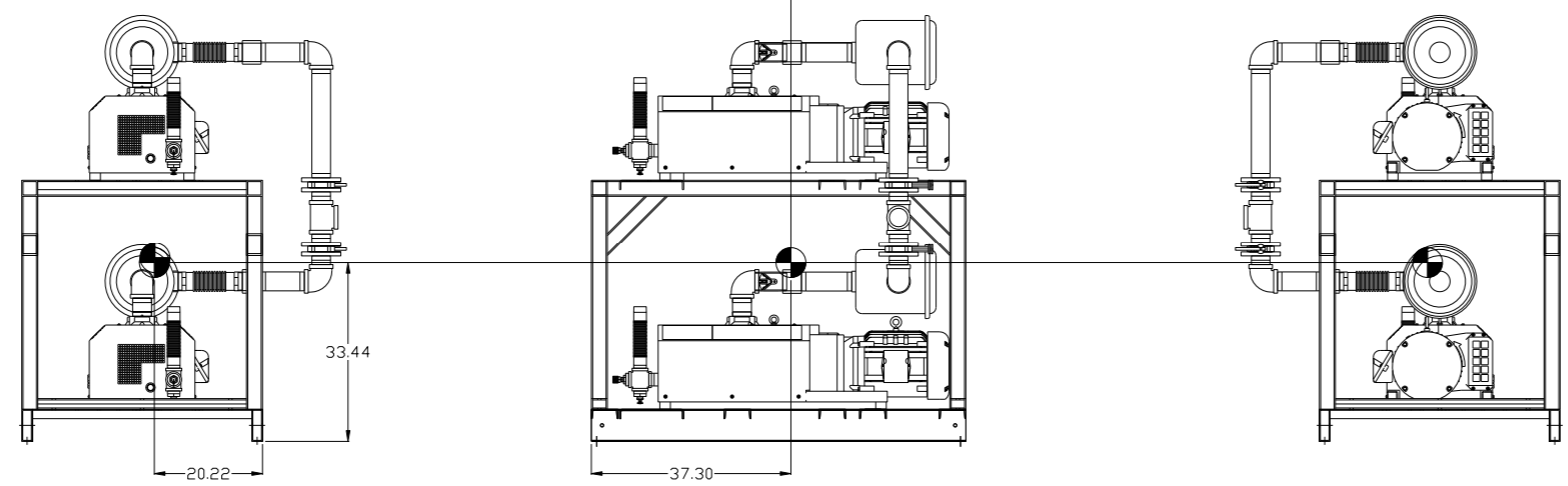
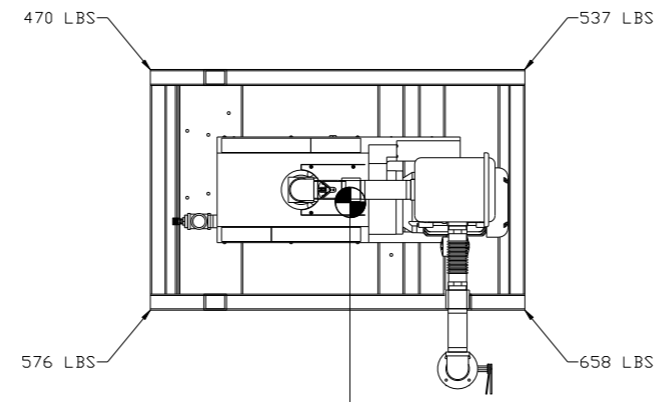
DENOTES CENTER OF GRAVITY 


RIGHT FRAME WEIGHT: 2241 LBS

CENTER OF GRAVITY LOCATIONS:

X<FRONT> Y<RIGHT> Z<HEIGHT>

37.30" 20.21" 33.44"

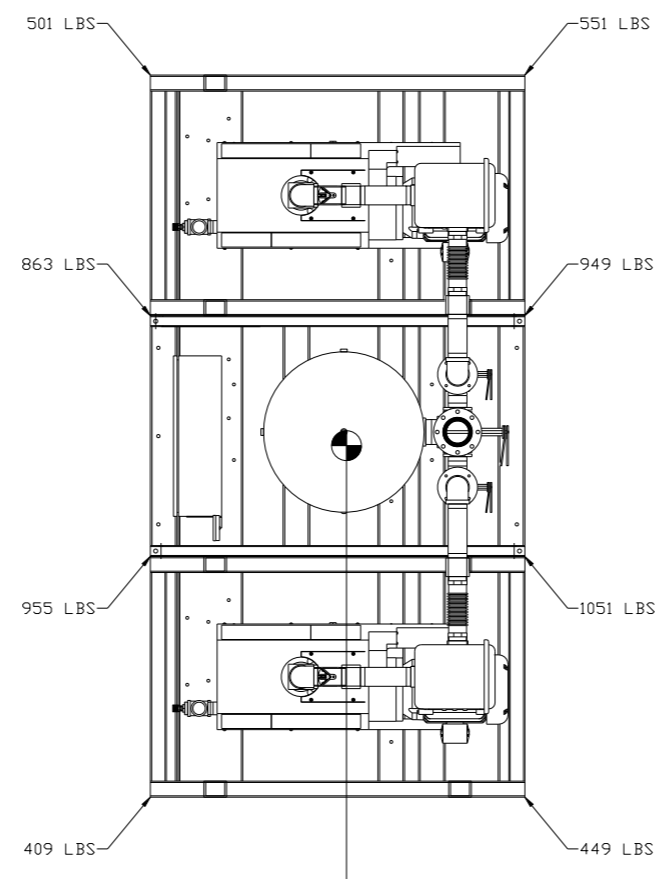


SYMBOL LEGEND ⊖ = MINUS DRAFT ⊕ = PLUS DRAFT ⊕ = ADDITIONAL CONTROL REQ'D HRC = BRINELL HARDNESS		Drawings to conform to the current revision of the following ANSI standards: Y14.3 Multi and sectional view dsgs. Y14.5M Dimensioning and tolerancing	
TOLERANCES NOT SPECIFIED .XX ± .XXX ± \angle (DEG.) ±		DO NOT SCALE DRAWING FOR DIMENSIONS AUTOCAD REL2008 LT INCH Sheet 5 of 6 SCALE 1:18	
CONFIDENTIAL DISCLOSURE This drawing is the property of the CAMPBELL GROUP OF THE SCOTT FETZER COMPANY and subject to return on demand. Its contents are confidential and must not be copied or submitted to outside parties for use or examination.		DRAWN BY: GES CHECKED BY: DMS APPROVED BY: ENGINEERING MFG/MKTG: GES, JJ 3/5/10 3/5/10 3/5/10 3/5/10	
MATERIAL: N/A		 150 PRODUCTION DRIVE, HARRISON, OHIO 45030 Ph: 888-769-7979 FAX: (513) 367-3125	
PART NAME: 15HP CLAW VAC PACKAGE 200GAL QUADPLEX		DWG NO: CVPQ1505 SIZE: D	

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

REV	ZONE	REVISION	DATE	ECN	NAME	CHKD
D-1	3-ALL	ADDED SHEET, C. D. G.	3/5/10	22348	GES	DMS
D-2	ALL	CORRECTED INLET FLEX LENGTH ADDED DRIP LEG	10/5/10	22348	AEK	GES
E-1	ALL 2 B-6 2 ALL	CHANGED BY UNIONS TO BUTTERFLY VALVES ADDED SIGHT GAUGE ADDED SOURCE VALVE INFORMATION ADDED P&M/HMI SHEETS	3/15/13	PXEC0030	AEK	DMS
F-1	1 ALL ALL	CHANGED PUMP TO MH1502 REMOVED 02 CLEANED SHEETS	8/4/15	PXEC0098	AEK	GES

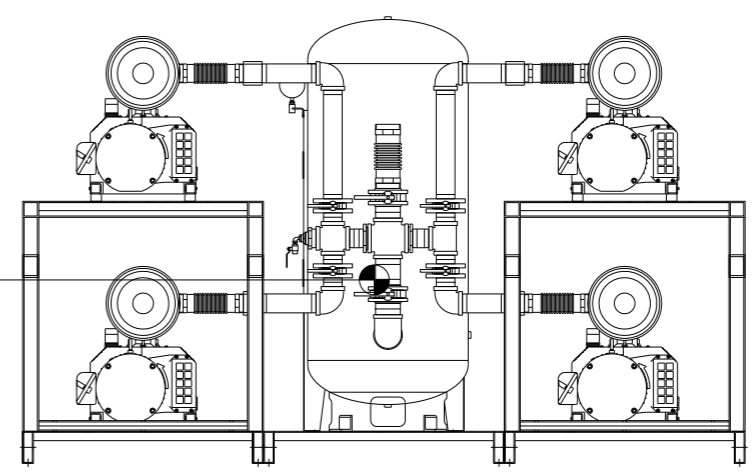
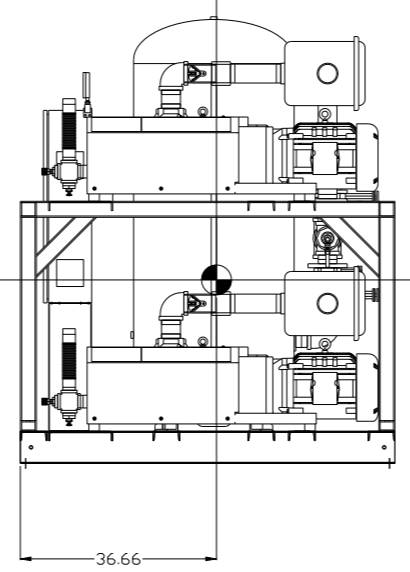
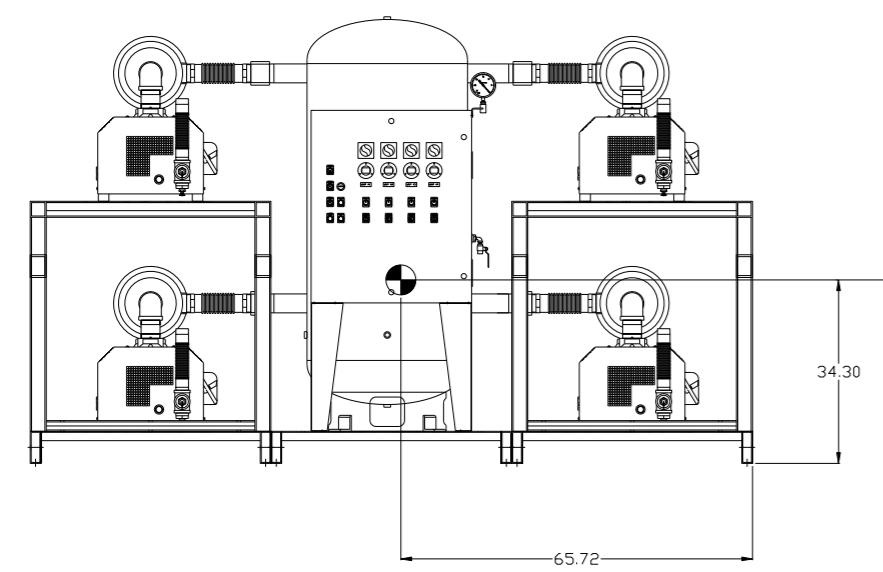


⊙ DENOTES CENTER OF GRAVITY

TOTAL UNIT WEIGHT: 5728 LBS

CENTER OF GRAVITY LOCATIONS:

X<FRONT>	Y<RIGHT>	Z<HEIGHT>
36.66"	65.72"	34.30"



8 7 6 5 4 3 2 1

SYMBOL LEGEND ⊖ = MINUS DRAFT ⊕ = PLUS DRAFT ⊕ = ADDITIONAL CONTROL REQ'D HRC = BRINELL HARDNESS		Drawings to conform to the current revision of the following ANSI standards: Y14.3 Multi and sectional view dsgs. Y14.5M Dimensioning and tolerancing	
TOLERANCES NOT SPECIFIED .XX ± .XXX ± <DEG> ±		AUTOCAD REL2008 LT INCH DO NOT SCALE DRAWING FOR DIMENSIONS Sheet 6 of 6 SCALE 1:18	
CONFIDENTIAL DISCLOSURE This drawing is the property of the CAMPBELL GROUP OF THE SCOTT FETZER COMPANY and subject to return on demand. Its contents are confidential and must not be copied or submitted to outside parties for use or examination.		DRAWN BY: GES CHECKED BY: DMS APPROVED BY: ENGINEERING (GES, JJ) DATES: 3/5/10, 3/5/10, 3/5/10, 3/5/10	
MATERIAL: N/A		POWEREX 150 PRODUCTION DRIVE, HARRISON, OHIO 45030 Ph: 888-769-7979 FAX: (513) 367-3125	
PART NAME: 15HP CLAW VAC PACKAGE 200GAL QUADPLEX		DWG NO: CVPQ1505 SIZE: D	