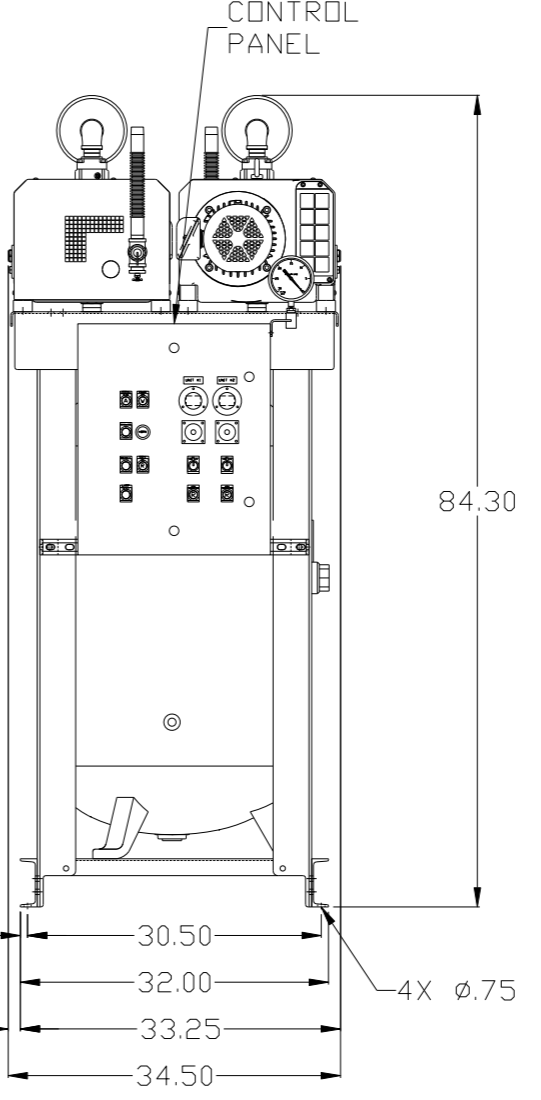
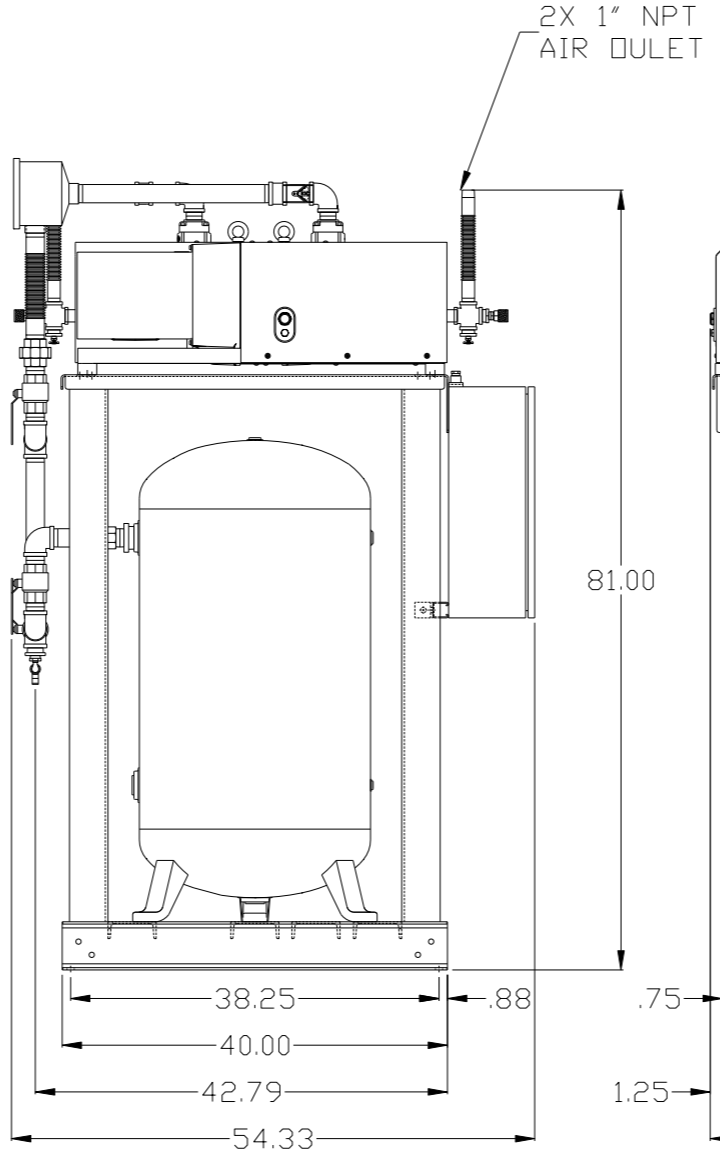
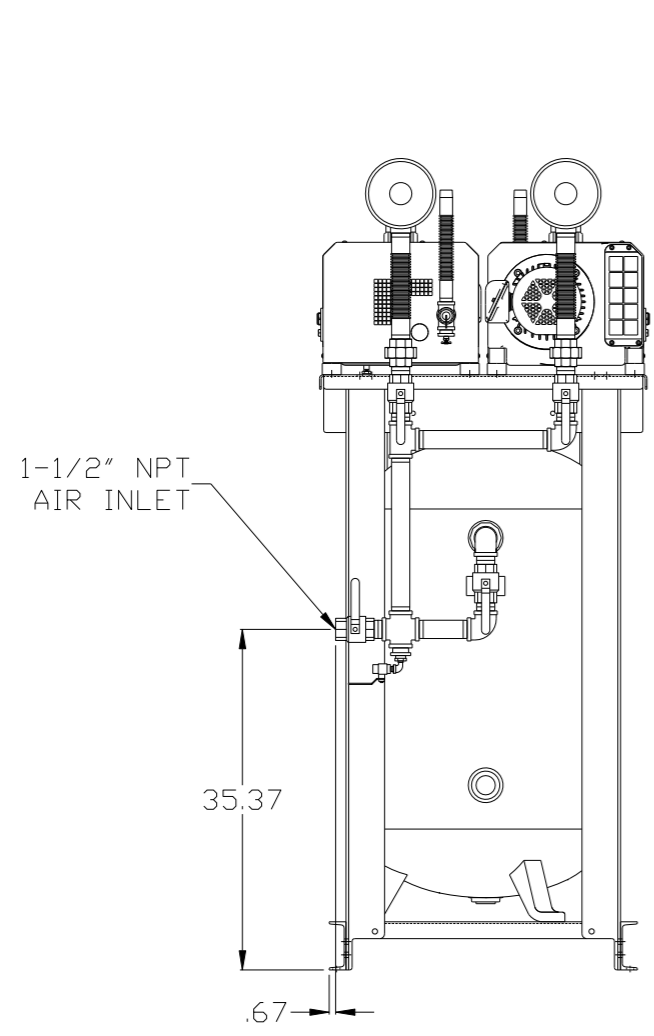
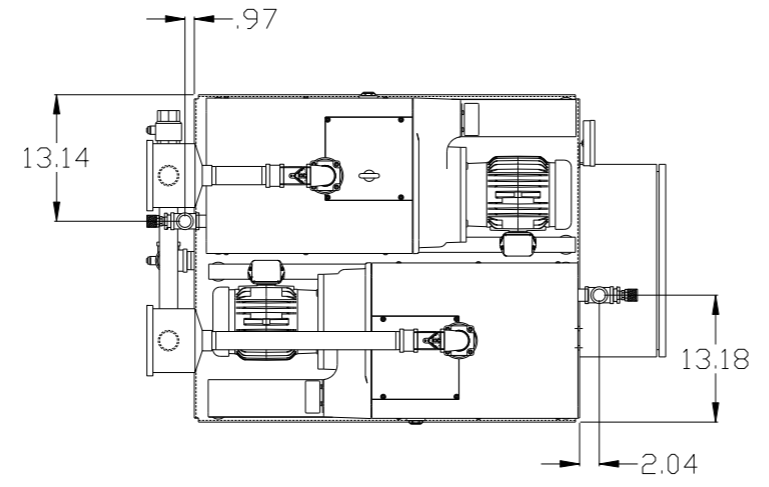


8 7 6 5 4 3 2 1

REV	ZONE	REVISION	DATE	ECN	NAME	CHKD
B-1	ALL	RELEASE FOR PRODUCTION	2/20/08	21906	AEK	GES
C-1	ALL	CORRECTED OUTLET SIZE; ADDED PIPE SIZE TO FLOW	3/27/08	21881	AEK	GES
D-1	1 ALL 1 B-6	MOVED GAUGE TO PANEL REMOVED SIGHT GAUGE ADJUSTED PANEL LOCATION	9/5/08	21907	AEK	DMS
E-1	ALL	CHANGED BUILD TO REFLECT AMB00100AJ FRAME ASSY	3/8/09	22170	AEK	GES
F-1	1 ALL	REMOVED VACUUM SWITCHES FROM CONTROL PANEL	11/2/09	22127	AEK	GES
G-1	2 CR.20	ADDED DRIP LEG	3/16/10	22348	AEK	DMS
H-1	3 ALL	ADDED CENTER OF GRAVITY SHEET ADDED PBM SHEETS	12/13/11	22546	AEK	GES
J-1	2 B5 2 ALL	ADDED SIGHT GAUGE ADDED SOURCE VALVE INFORMATION	3/27/13	PXEC0030	AEK	GES
J-2	1,3 ALL	CORRECTED INLET PIPING SIZE SHOWN	4/11/13	PXEC0030	AEK	GES
K-1	ALL	MADE HIGH TEMP STANDARD ON BASIC CONTROLS	7/16/13	PXEC0048	AEK	GES
L-1	ALL	UPDATED BUILD TO REFLECT CURRENT PUMP	6/17/16	PXEC0149	AEK	GES



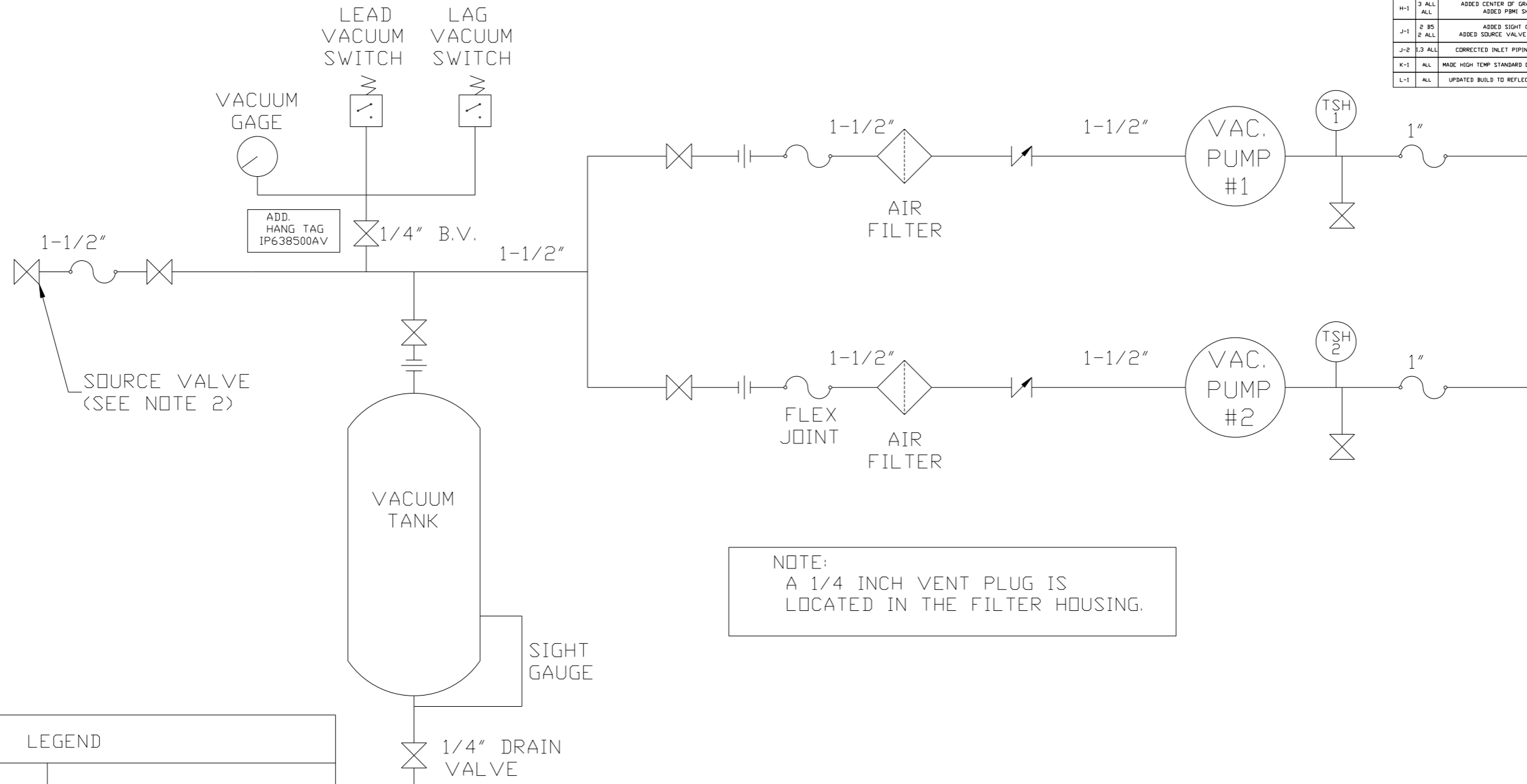
NOTE: SYSTEM DESIGNED IN COMPLIANCE WITH U.S. NFPA '99, LATEST EDITION.

<b>SYMBOL LEGEND</b> ⊖ = 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 ± <math>\angle</math> (DEG.) ±		<b>DO NOT SCALE DRAWING FOR DIMENSIONS</b> SCALE: 1:10 Sheet 1 of 3	
<b>CONFIDENTIAL DISCLOSURE</b> This drawing is the property of POWEREX, INC. 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: AEK CHECKED BY: GES 2/20/08		APPROVED BY: DMS, TZ 2/20/08, 2/20/08, 2/20/08	
MATERIAL: N/A		 150 PRODUCTION DRIVE, HARRISON, OHIO 45030 Ph: 888-769-7979 FAX: (513) 367-3125	
PART NAME: DUPLEX VACUUM 2HP 80 GAL VERT		DWG NO: CVTD0203V SIZE: D	

NOTE: A MINIMUM OF 24" CLEARANCE IS RECOMMENDED AROUND THE ENTIRE UNIT.

8 7 6 5 4 3 2 1

REV	ZONE	REVISION	DATE	ECN	NAME	CHKD
B-1	ALL	RELEASE TO PRODUCTION	2/20/08	21906	AEK	GES
C-1	ALL	CORRECTED OUTLET SIZE, ADDED PIPE SIZE TO FLOW	3/27/08	21881	AEK	GES
D-1	1 ALL 1 B-6	MOVED GAUGE TO PANEL REMOVED SIGHT GAUGE ADJUSTED PANEL LOCATION	9/5/08	21907	AEK	DMS
E-1	ALL	CHANGED BUILD TO REFLECT AMB0100AJ FRAME ASSY	3/8/09	22170	AEK	GES
F-1	1 ALL	REMOVED VACUUM SWITCHES FROM CONTROL PANEL	11/2/09	22127	AEK	GES
G-1	2 CR, 2R	ADDED DRIP LEG	3/16/10	22348	AEK	DMS
H-1	3 ALL	ADDED CENTER OF GRAVITY SHEET ADDED P&ID SHEETS	12/13/11	22546	AEK	GES
J-1	2 BS 2 ALL	ADDED SIGHT GAUGE ADDED SOURCE VALVE INFORMATION	3/27/13	PXEC0030	AEK	GES
J-2	1,3 ALL	CORRECTED INLET PIPING SIZE SHOWN	4/11/13	PXEC0030	AEK	GES
K-1	ALL	MADE HIGH TEMP STANDARD ON BASIC CONTROLS	7/16/13	PXEC0048	AEK	GES
L-1	ALL	UPDATED BUILD TO REFLECT CURRENT PUMP	6/17/16	PXEC0149	AEK	GES



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

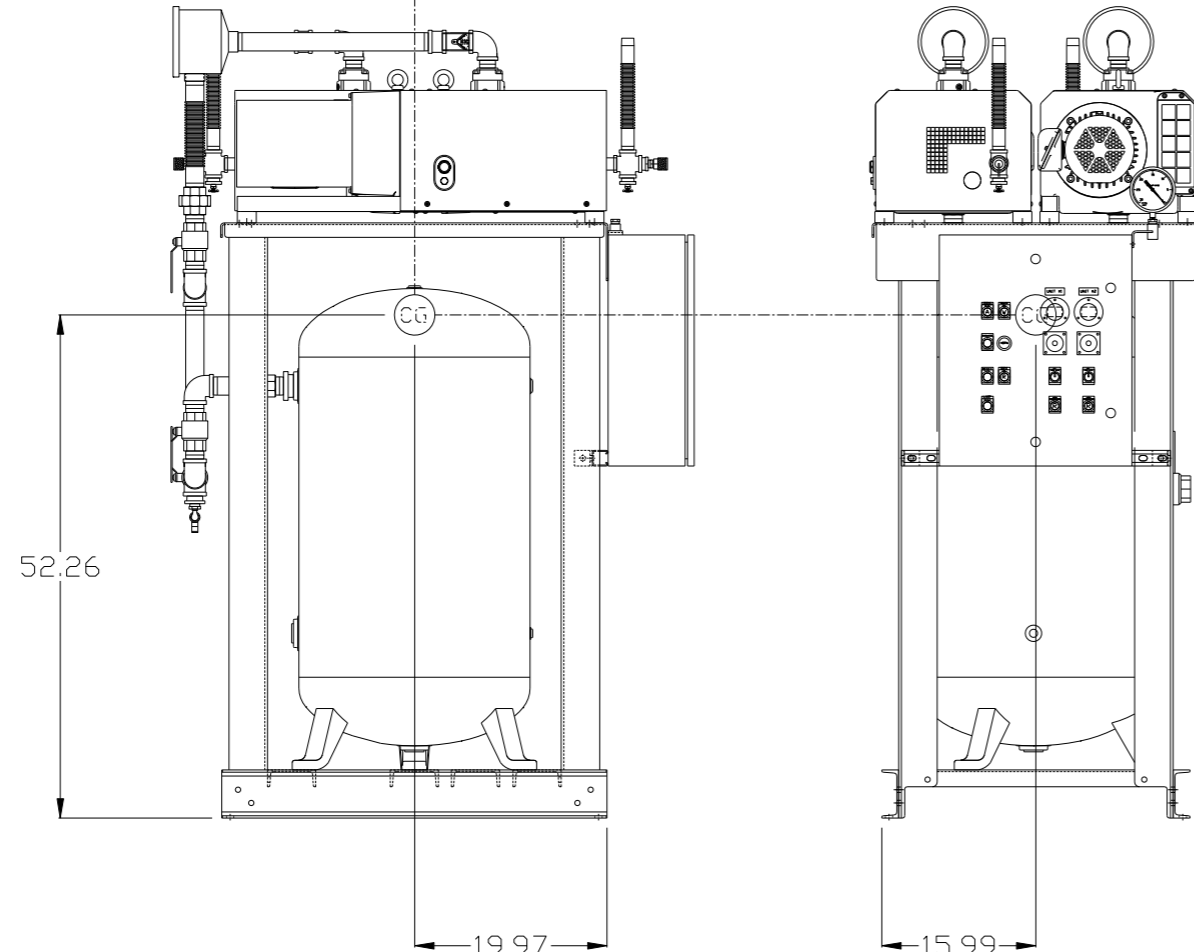
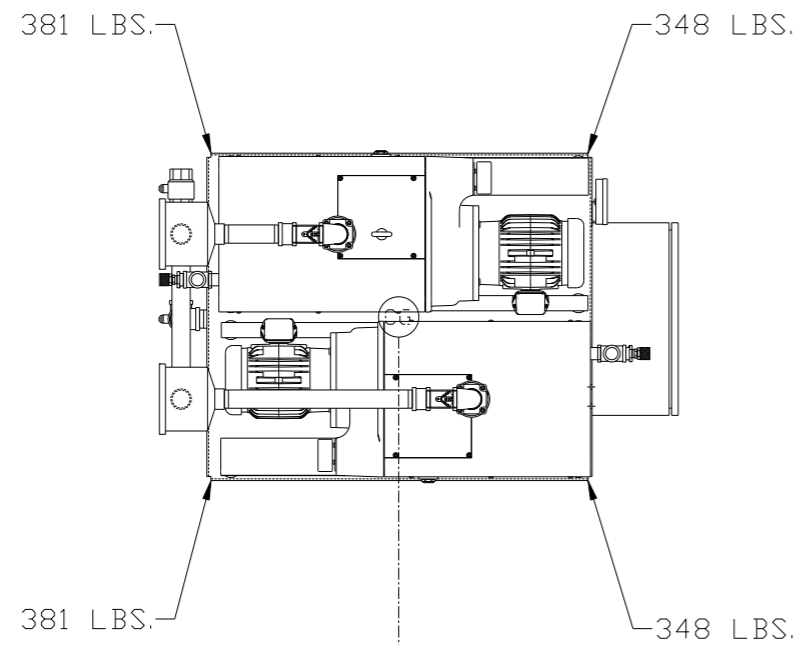
LEGEND

	TEMP. SWITCH		VACUUM SWITCH
	AIR FILTER		CHECK VALVE
	BALL VALVE		FLEX LINE
			UNION

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 dgs. Y14.5M Dimensioning and tolerancing
TOLERANCES NOT SPECIFIED		DO NOT SCALE DRAWING FOR DIMENSIONS		
.XX ±	AUTOCAD REL2008 LT	Sheet 2 of 3		SCALE 1:10
.XXX ±				
<< DEG >> ±				
CONFIDENTIAL DISCLOSURE This drawing is the property of POWEREX, INC. 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	APPROVED BY	DATE
AEK		GES	DMS	TZ
2/20/08		2/20/08	2/20/08	2/20/08
MATERIAL		N/A		
PART NAME		DUPLX CLAW VAC FLOW SCHEMATIC		
DWG NO		CVTD0203V		
SIZE		D		

REV	ZONE	REVISION	DATE	ECN	NAME	CHKD
H-1	3 ALL 2 ALL	ADDED CENTER OF GRAVITY SHEET ADDED P&ID SHEETS	12/13/11	22546	AEK	GES
J-1	2 B5 2 ALL	ADDED SIGHT GAUGE ADDED SOURCE VALVE INFORMATION	3/27/13	PXEC0030	AEK	GES
J-2	1,3 ALL	CORRECTED INLET PIPING SIZE SHOWN	4/11/13	PXEC0030	AEK	GES
K-1	ALL	MADE HIGH TEMP STANDARD DN BASIC CONTROLS	7/16/13	PXEC0048	AEK	GES
L-1	ALL	UPDATED BUILD TO REFLECT CURRENT PUMP	6/17/16	PXEC0149	AEK	GES

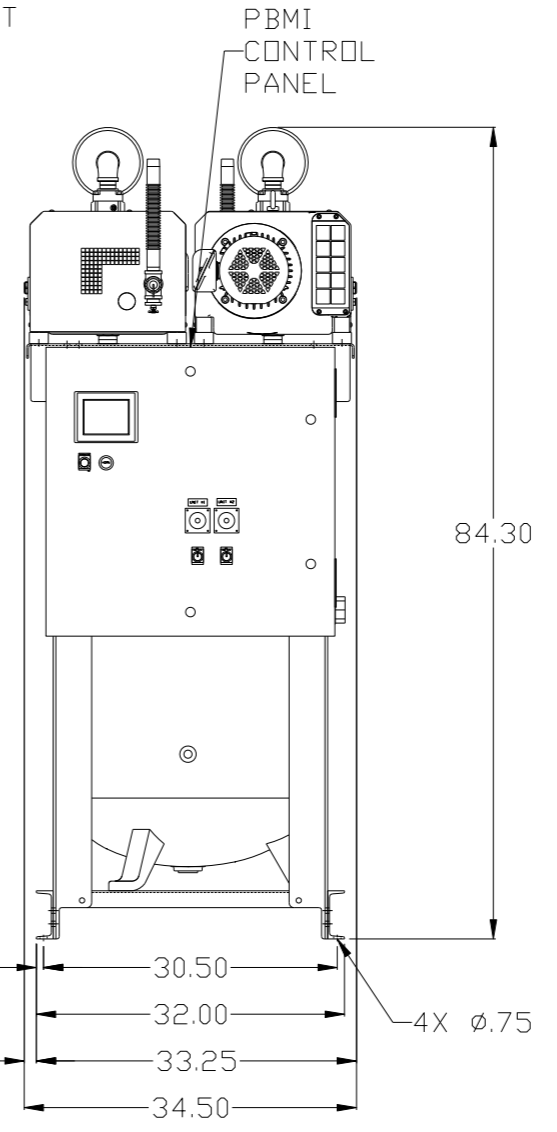
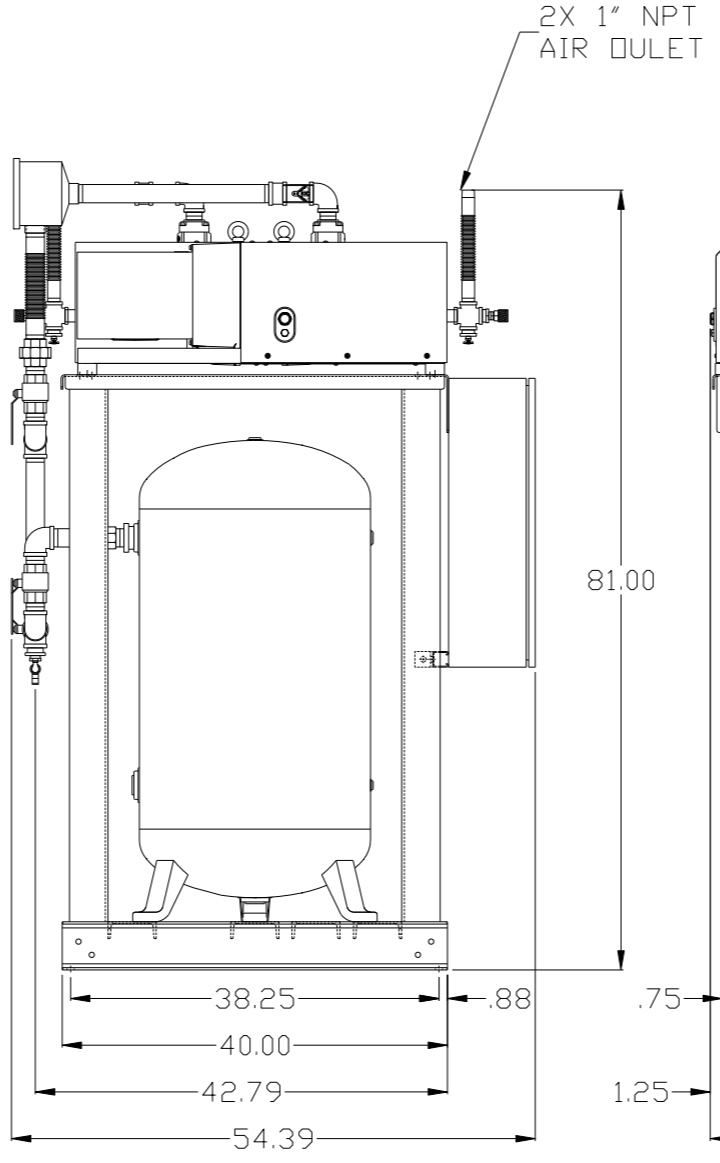
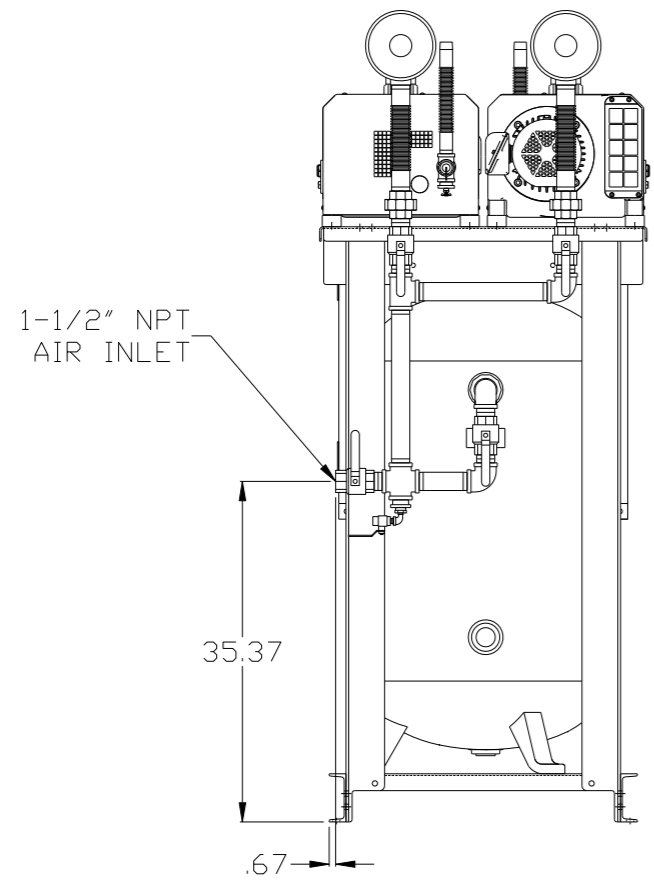
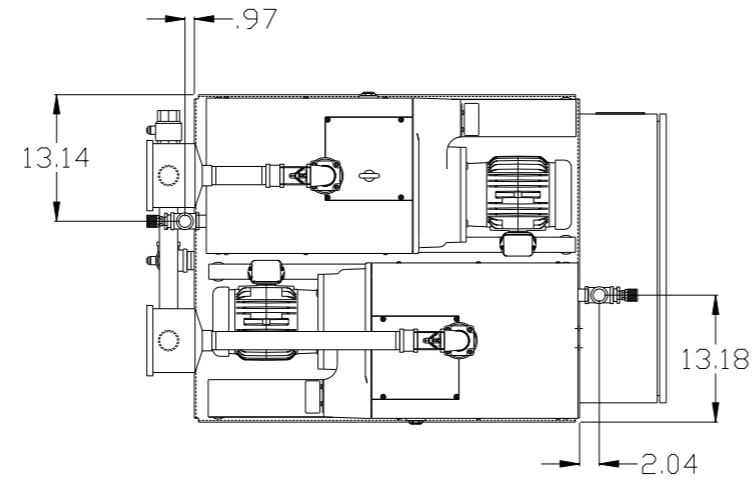


denotes center of gravity (CG)

TOTAL WEIGHT: 1458 LBS  
 C.O.G. DIMENSIONS  
 X (FRONT): 15.99"  
 Y (RIGHT): -19.97"  
 Z (HEIGHT): 52.26"

<b>SYMBOL LEGEND</b> ⊖ = MINUS DRAFT ⊕ = PLUS DRAFT .XX ± .XXX ± <math>\angle</math> (DEG.) ±		= 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 ± <math>\angle</math> (DEG.) ±		AUTOCAD REL2008 LT INCH		DO NOT SCALE DRAWING FOR DIMENSIONS Sheet 3 of 3 SCALE 1:10	
<b>CONFIDENTIAL DISCLOSURE</b> This drawing is the property of POWEREX, INC. 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 AEK		CHECKED BY GES		APPROVED BY ENGINEERING MFG/MKTG DMS RJR	
DATE 12/13/11		DATE 12/13/11		DATE 12/13/11	
MATERIAL N/A		 150 PRODUCTION DRIVE, HARRISON, OHIO 45030 Ph: 888-769-7979 FAX: (513) 367-3125			
PART NAME DUPLEX VACUUM 2HP 80 GAL VERT		DWG NO CVTD0203V		SIZE D	

REV	ZONE	REVISION	DATE	ECN	NAME	CHKD
H-1	3 ALL	ADDED CENTER OF GRAVITY SHEET ADDED PBMI SHEETS	12/13/11	22546	AEK	GES
J-1	2 BS 2 ALL	ADDED SIGHT GAUGE ADDED SOURCE VALVE INFORMATION	3/27/13	PXEC0030	AEK	GES
J-2	1,3 ALL	CORRECTED INLET PIPING SIZE SHOWN	4/11/13	PXEC0030	AEK	GES
K-1	ALL	MADE HIGH TEMP STANDARD ON BASIC CONTROLS	7/16/13	PXEC0048	AEK	GES
L-1	ALL	UPDATED BUILD TO REFLECT CURRENT PUMP	6/17/16	PXEC0149	AEK	GES

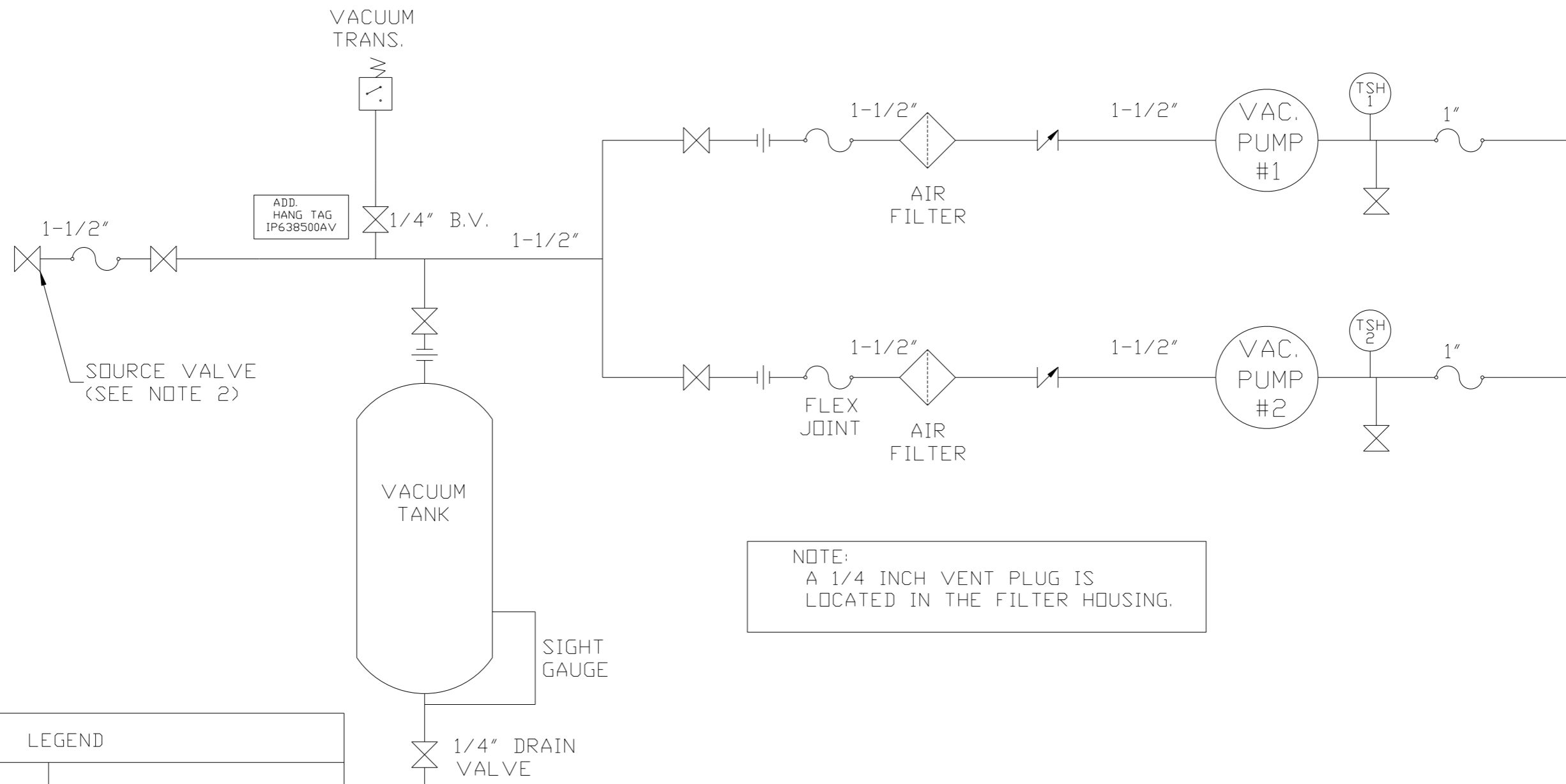


NOTE: SYSTEM DESIGNED IN COMPLIANCE WITH U.S. NFPA '99, LATEST EDITION.

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 ±		<< DEG > ±		AUTOCAD REL2008 LT		DO NOT SCALE DRAWING FOR DIMENSIONS	
		INCH		Sheet 1 of 3		SCALE		1:10			
CONFIDENTIAL DISCLOSURE		DRAWN BY		CHECKED BY		APPROVED BY		ENGINEERING		MFG/MRKTG	
This drawing is the property of POWEREX, INC. 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.		AEK		GES		DMS		RJR			
MATERIAL		N/A		12/13/11		12/13/11		12/13/11		12/13/11	
PART NAME		DUPLEX VACUUM		2HP 80 GAL VERT		DWG NO		CVTD0203V		SIZE	
										D	

NOTE: A MINIMUM OF 24" CLEARANCE IS RECOMMENDED AROUND THE ENTIRE UNIT.

REV	ZONE	REVISION	DATE	ECN	NAME	CHKD
H-1	3 ALL	ADDED CENTER OF GRAVITY SHEET ADDED P&ID SHEETS	12/13/11	22546	AEK	GES
J-1	2 BS 2 ALL	ADDED SIGHT GAUGE ADDED SOURCE VALVE INFORMATION	3/27/13	PXEC0030	AEK	GES
J-2	1,3 ALL	CORRECTED INLET PIPING SIZE SHOWN	4/11/13	PXEC0030	AEK	GES
K-1	ALL	MADE HIGH TEMP STANDARD DN BASIC CONTROLS	7/16/13	PXEC0048	AEK	GES
L-1	ALL	UPDATED BUILD TO REFLECT CURRENT PUMP	6/17/16	PXEC0149	AEK	GES



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

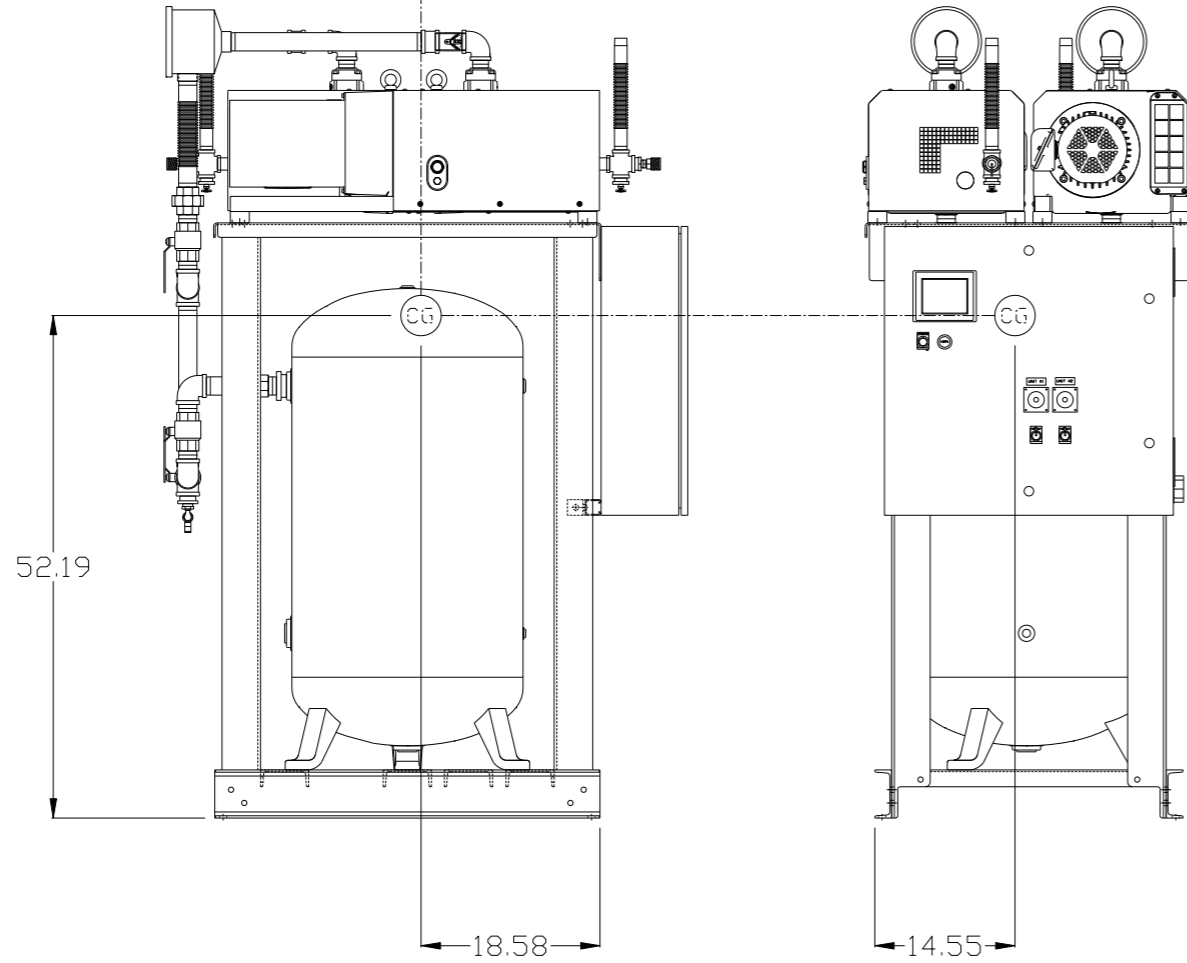
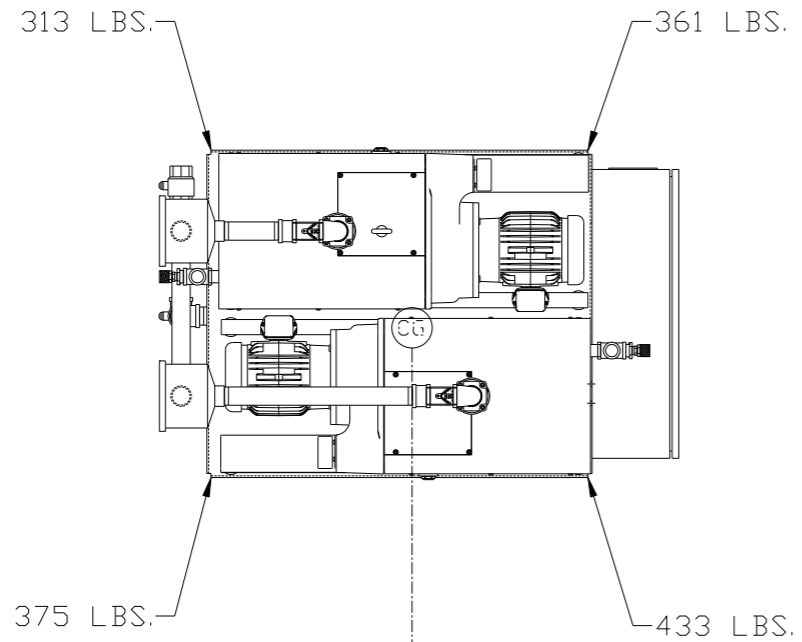
LEGEND

	TEMP. SWITCH		VACUUM SWITCH
	AIR FILTER		CHECK VALVE
	BALL VALVE		FLEX LINE
			UNION

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 dgs. Y14.5M Dimensioning and tolerancing	
TOLERANCES NOT SPECIFIED		AUTOCAD REL2008 LT	DO NOT SCALE DRAWING FOR DIMENSIONS		
.XX ±	.XXX ±	<DEG> ±	INCH	Sheet 2 of 3	SCALE 1:10
CONFIDENTIAL DISCLOSURE This drawing is the property of POWEREX, INC. 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		
12/13/11	12/13/11	12/13/11	12/13/11		
MATERIAL		N/A			
PART NAME		DUPLX CLAW VAC FLOW SCHEMATIC			
DWG NO		CVTDO203V		SIZE D	

REV	ZONE	REVISION	DATE	ECN	NAME	CHKD
H-1	3 ALL	ADDED CENTER OF GRAVITY SHEET ADDED P&ID SHEETS	12/13/11	22546	AEK	GES
J-1	2 B5 2 ALL	ADDED SIGHT GAUGE ADDED SOURCE VALVE INFORMATION	3/27/13	PXEC0030	AEK	GES
J-2	1,3 ALL	CORRECTED INLET PIPING SIZE SHOWN	4/11/13	PXEC0030	AEK	GES
K-1	ALL	MADE HIGH TEMP STANDARD DN BASIC CONTROLS	7/16/13	PXEC0048	AEK	GES
L-1	ALL	UPDATED BUILD TO REFLECT CURRENT PUMP	6/17/16	PXEC0149	AEK	GES



denotes center of gravity (CG)

TOTAL WEIGHT: 1482 LBS  
 C.O.G. DIMENSIONS  
 X (FRONT): 16.04"  
 Y (RIGHT): -18.60"  
 Z (HEIGHT): 57.03"

<b>SYMBOL LEGEND</b> ⊖ = MINUS DRAFT ⊕ = PLUS DRAFT TOLERANCES NOT SPECIFIED .XX ± .XXX ± <math>\angle</math> (DEG.) ±		= 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
AUTOCAD REL2008 LT INCH		DO NOT SCALE DRAWING FOR DIMENSIONS Sheet 3 of 3 SCALE 1:10		
<b>CONFIDENTIAL DISCLOSURE</b> This drawing is the property of POWEREX, INC. 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 AEK		CHECKED BY GES		
12/13/11		ENGINEERING DMS 12/13/11		
MATERIAL N/A		<b>POWEREX</b> 150 PRODUCTION DRIVE, HARRISON, OHIO 45030 Ph: 888-769-7979 FAX: (513) 367-3125		
PART NAME DUPLEX VACUUM 2HP 80 GAL VERT		DWG NO CVTD0203V SIZE D		