

NDTE: A MINIMUM DF 24" CLEARANCE IS Recommended around the entire unit.

8	7	6	5	4	3

2

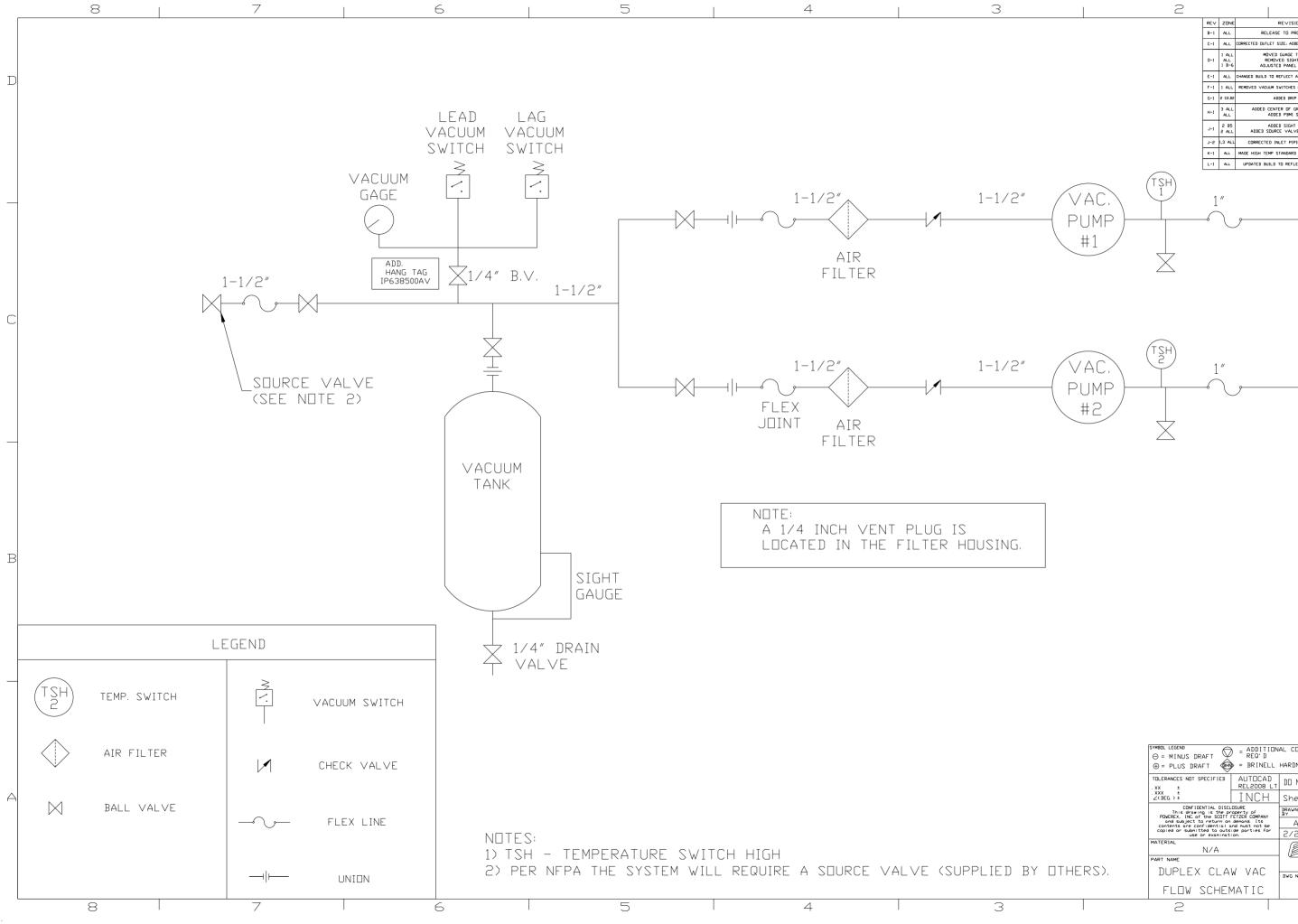
			1				
REV	ZONE	REVISION	DATE	ECN	NAME	СНКД	
B-1	ALL	RELEASE FOR PRODUCTION	5/50/08	21906	AEK	GES	
C-1	ALL	CORRECTED DUTLET SIZE, ADDED PIPE SIZE TO FLO	3/27/08	21881	AEK	GES	
D-1	1 ALL ALL 1 B-6	MOVED GUAGE TO PANEL REMOVED SIGHT GUAGE ADJUSTED PANEL LOCATION	9/5/08	21907	AEK	DMS	
E-1	ALL	CHANGED BUILD TO REFLECT AMBODIDOAJ FRAME ASS	Y 3/8/09	22170	AEK	GES	
F-1	1 ALL	RENDVED VACUUM SWITCHES FROM CONTROL PANEL	11/2/09	22127	AEK	GES	
G-1	s cs'bs	ADDED DRIP LEG	3/16/10	22348	AEK	DMS	1
н-1	3 ALL ALL	ADDED CENTER OF GRAVITY SHEET ADDED PBMI SHEETS	12/13/11	22546	AEK	GES	
J-1	2 B2 2 ALL	ADDED SIGHT GAUGE ADDED SOURCE VALVE INFORMATION	3/27/13	PXEC0030	AEK	GES	
7-5	1,3 ALL	CORRECTED INLET PIPING SIZE SHOWN	4/11/13	PXEC0030	AEK	GES	
к-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	

В

C

NDTE: SYSTEM DESIGNED IN Compliance with U.S. NFPA '99, Latest edition.

SYMBDL LEGEND ⊖ = MINUS DRAFT ⊕ = PLUS DRAFT	AL CONTROL HARDNESS	Drawings to current rev ANSI standar Y14.3 Multi a Y14.5M Dimensi	ision of °ds. .nd sectio	the fo	r dings.		
TOLERANCES NOT SPECIFIED . XX ±	AUTOCAD REL2008 LT	DO NOT SCA	_E DRAWIN	G FOR	DIMEN	STONS	
. XXX ± ∠(DEG.)±	INCH	Sheet 1	of 3	s	CALE 1:	10	ΙA
CONFIDENTIAL DISCLOSURE This drawing is the property of POWEREX. INC. of the SCOTT FETZER COMPANY		DRAWN BY	CHECKED BY	APPROVED		/MRKTG	
and subject to return on contents are confidential o	demand. Its ind must not be	AEK	GES	DMS	:	ΤZ	
copied or submitted to outs use or examinat		2/20/08	2/20/08	5/50/	08 2/	20/08	
MATERIAL N/A			OW			K	
DUPLEX VACUUM			TION DRIVE, HA -769-7979 FAX			•	
DUFLEA VAL	-00141	DWG ND				SIZE	
2HP 80 GAL	VERT	C١	TD02	03V		D	
2				1	CVTDO	203VB. dwg	1



SYMBOL LEGEND ⊖ = MINUS DRAFT ⊕ = PLUS DRAFT	REQ'D	AL CONTROL HARDNESS	Drawings to current rev ANSI standar Y14.3 Multi o Y14.5M Dimens	ision of th rds. Ind sectional	e following view dwgs.
TOLERANCES NOT SPECIFIED . XX ±	AUTOCAD REL2008 LT	DO NOT SCA	LE DRAWIN	G FOR DI	MENSIONS
. XXX ± ∠(DEG.)±	INCH	Sheet 2	of 3	SCAL	е 1:10
CONFIDENTIAL DISCL This drawing is the pr POWEREX, INC, of the SCOTT F	operty of	DRAWN BY	CHECKED BY	APPROVED BY ENGINEERING	
and subject to return on contents are confidential a	demand. Its	AEK	GES	DMS	ΤZ
copied or submitted to outs use or examinati		2/20/08	5/50/08	5/50/08	5/50/08
MATERIAL N/A			OW		EX
PART NAME			TION DRIVE, H		
DUPLEX CLA	W VAC	DWG ND	107 7777 184	. (313/ 30/ 3	SIZE
FLOW SCHEM	1ATIC	CV	TD02	03V	D
2			-	1	CVTDO2O3VB. dwg

REV	ZONE	REVISION			DATE	ECN	NAME	СНКД	
B-1	ALL	RELEASE TO PRODUCTION			5/50/08	21906	AEK	GES	
C-1	ALL	CORRECTED OUTL	ET SIZE, ADDED PIPE SIZE 1	O FLOV	3/27/08	21881	AEK	GES	
D-1	1 ALL ALL 1 B-6	MOVED GUAGE TO PANEL REMOVED SIGHT GUAGE ADJUSTED PANEL LOCATION			9/5/08	21907	AEK	DMS	
E-1	ALL	CHANGED BUILD TO REFLECT AMBODIDDAJ 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	s cs'bs	ADDED DRIP LEG			3/16/10	22348	AEK	DMS	
н-1	3 ALL ALL		CENTER DF GRA∨ITY SHEET ADDED PBMI SHEETS		12/13/11	22546	AEK	GES	
J-1	2 B2 2 ALL		ADDED SIGHT GAUGE ADDED SOURCE VALVE INFORMATION			PXEC0030	AEK	GES	
J-5	1,3 ALL	CORRECTE	D INLET PIPING SIZE SHOW	/N	4/11/13	PXEC0030	AEK	GES	
к-1	ALL	MADE HIGH TE	MP STANDARD ON BASIC COM	TROLS	7/16/13	PXEC0048	AEK	GES	
L-1	ALL	UPDATED BUILD TO REFLECT CURRENT PUMP			6/17/16	PXEC0149	AEK	GES	

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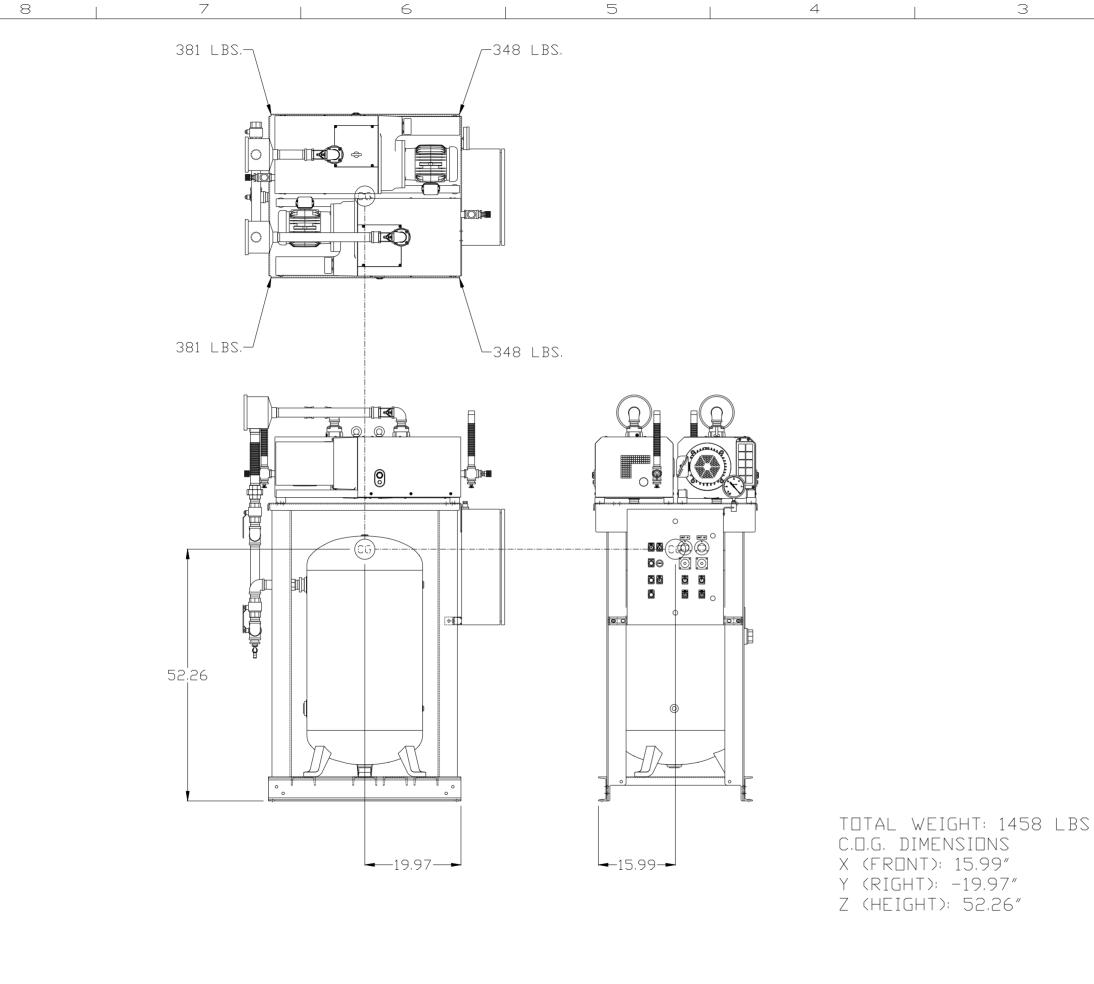
В

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SYMBDL LEGEND ⊖ = MINUS DRAFT ⊕ = PLUS DRAFT	HARDNESS	Drawings to current rev ANSI standar Y14.3 Multi o	ision d nds. Ind sect	of the tional	following view dwgs.		
TOLERANCES NOT SPECIFIED	DO NOT SCAL	14.5M Dimens			-		
. XXX ± ∠(DEG.)±	INCH	Sheet 3	of 3		SCALE	1:10	A
CONFIDENTIAL DISCL This drawing is the pr POWEREX, INC, of the SCOTT I	DRAWN BY	CHECKED BY	APPROV		MFG/MRKTG		
and subject to return on contents are confidential o	demand. Its nd must not be	AEK	GES	DM	1S	RJR	
copied or submitted to outs use or examinat		12/13/11	12/13/11	12/1	3/11	12/13/11	
MATERIAL N/A		<b>POWERE</b>			<b>X</b>		
DUPLEX VA			TION DRIVE, HA -769-7979 FAX				
DUFLEX VAL	-00141	DWG ND				SIZE	
2HP 80 GAL	VERT	C٧	TD02	03/	$\checkmark$	$ \mathbb{D} $	
2			-	1	С	VTD0203VB. dwg	

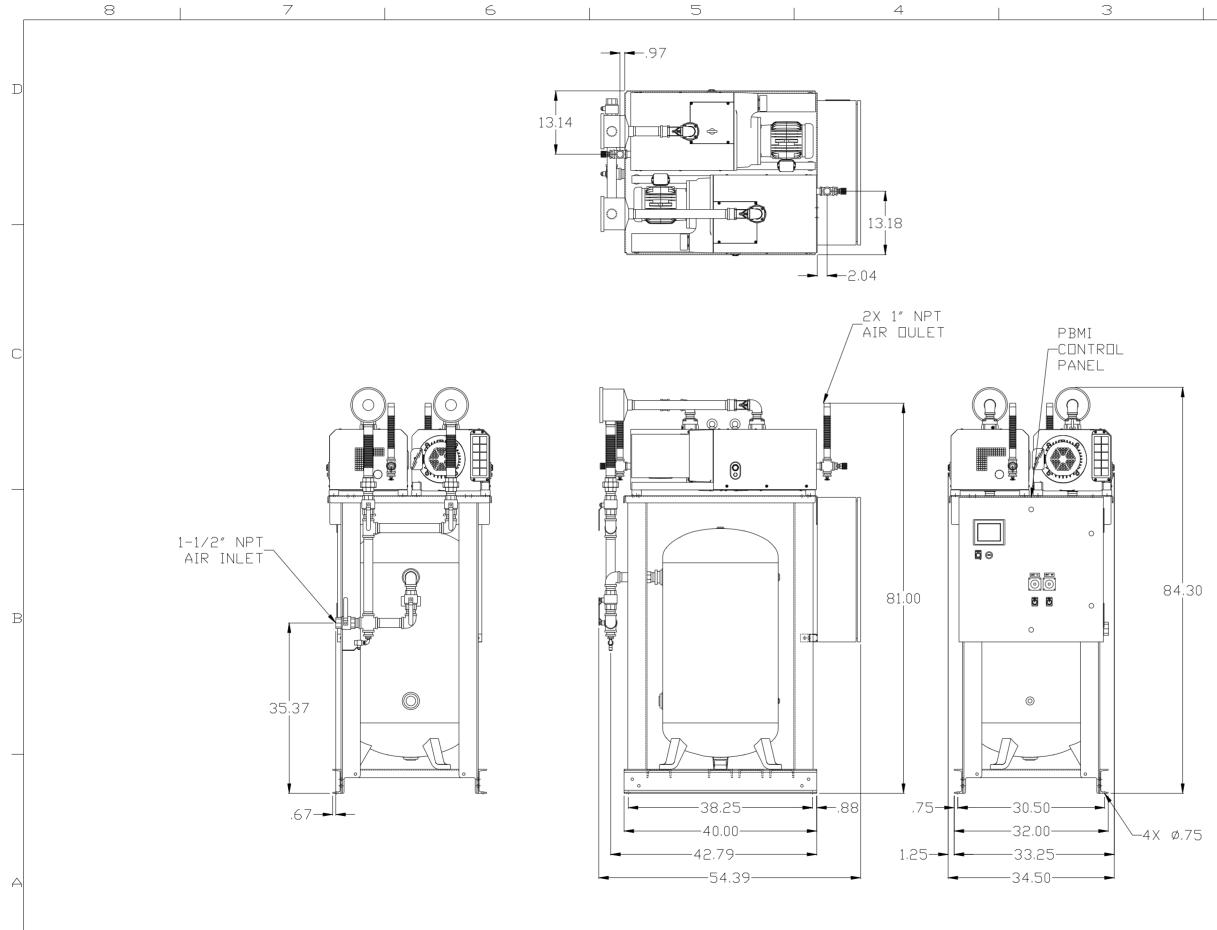
denotes center of gravity (55)

DATE ECN NAME CHKD REV ZONE REVISION ADDED CENTER DF GRAVITY SHEET ADDED PBMI SHEETS H-1 3 ALL ALL 12/13/11 22546 AEK GES ADDED SIGHT GAUGE ADDED SDURCE VALVE INFORMATION J-1 2 B5 2 ALL 3/27/13 PXEC0030 CORRECTED INLET PIPING SIZE SHOWN J-2 1,3 A 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

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

8	7	6	5	4	3

LAILSI LD	1   1   1   1   1   1					
SYMBDL LEGEND ⊖ = MINUS DRAFT	REQ'D	AL CONTROL	Drawings to current rev ANSI standar	ision of th °ds.	e following	
⊕ = PLUS DRAFT	⇒ = BRINELL	HARDNESS	Y14.3 Multi o Y14.5M Dimens			
TOLERANCES NOT SPECIFIED . XX ±	AUTOCAD REL2008 LT	DO NOT SCA	LE DRAWIN	G FOR DI	MENSIONS	
.XXX ± ∠(DEG.)±	INCH	Sheet 1	of 3	SCAL	е 1:10	Α
CONFIDENTIAL DISCLOSURE This drawing is the property of POWEREX. INC. of the SCOIT FEIZER COMPANY		DRAWN BY	CHECKED BY	APPROVED BY ENGINEERING	MFG/MRKTG	
and subject to return on contents are confidential a	demand. Its nd must not be	AEK	GES	DMS	RJR	
copied or submitted to outsi use or examinati		12/13/11	12/13/11	12/13/1	112/13/11	
MATERIAL N/A			OW		EX	
DUPLEX VAC	МИНА		TION DRIVE, HA -769-7979 FAX		8125	
DUILLA VAL	-0014	DWG ND			SIZE	
2HP 80 GAL	VERT	CVIDO203V D			D	
2			-	1	CVTDO2O3VB. dwg	
			-	-		

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

REVISION

ADDED CENTER OF GRAVITY SHEET ADDED PBMI SHEETS

ADDED SIGHT GAUGE ADDED SOURCE VALVE INFORMATION

1

3/27/13 PXEC0030

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

DATE ECN NAME CHKD

12/13/11 22546 AEK GES

AFK GES

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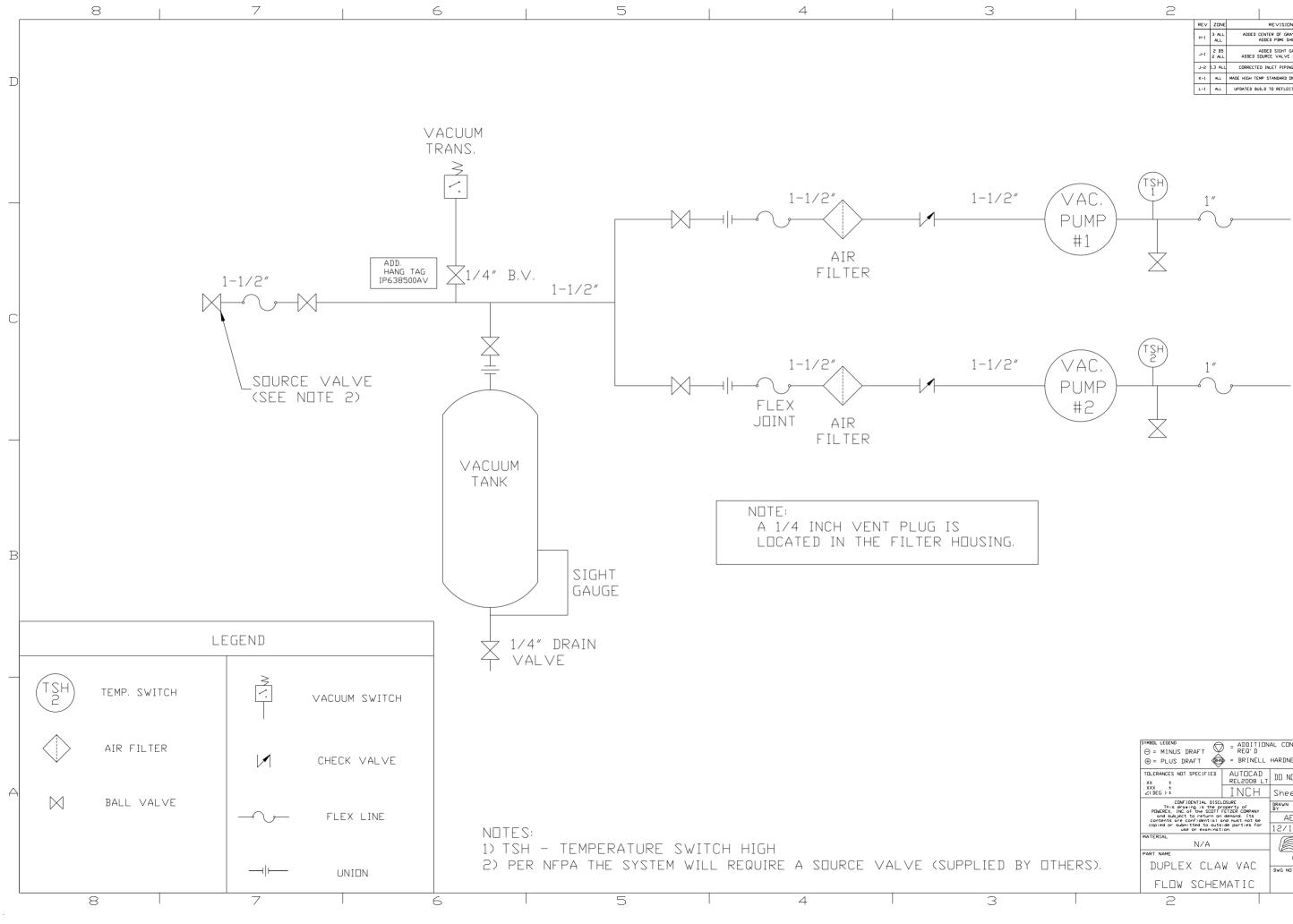
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REV ZONE

H-1 3 ALL ALL

J-1 2 B5 2 ALL

J-2 1,3 ALI



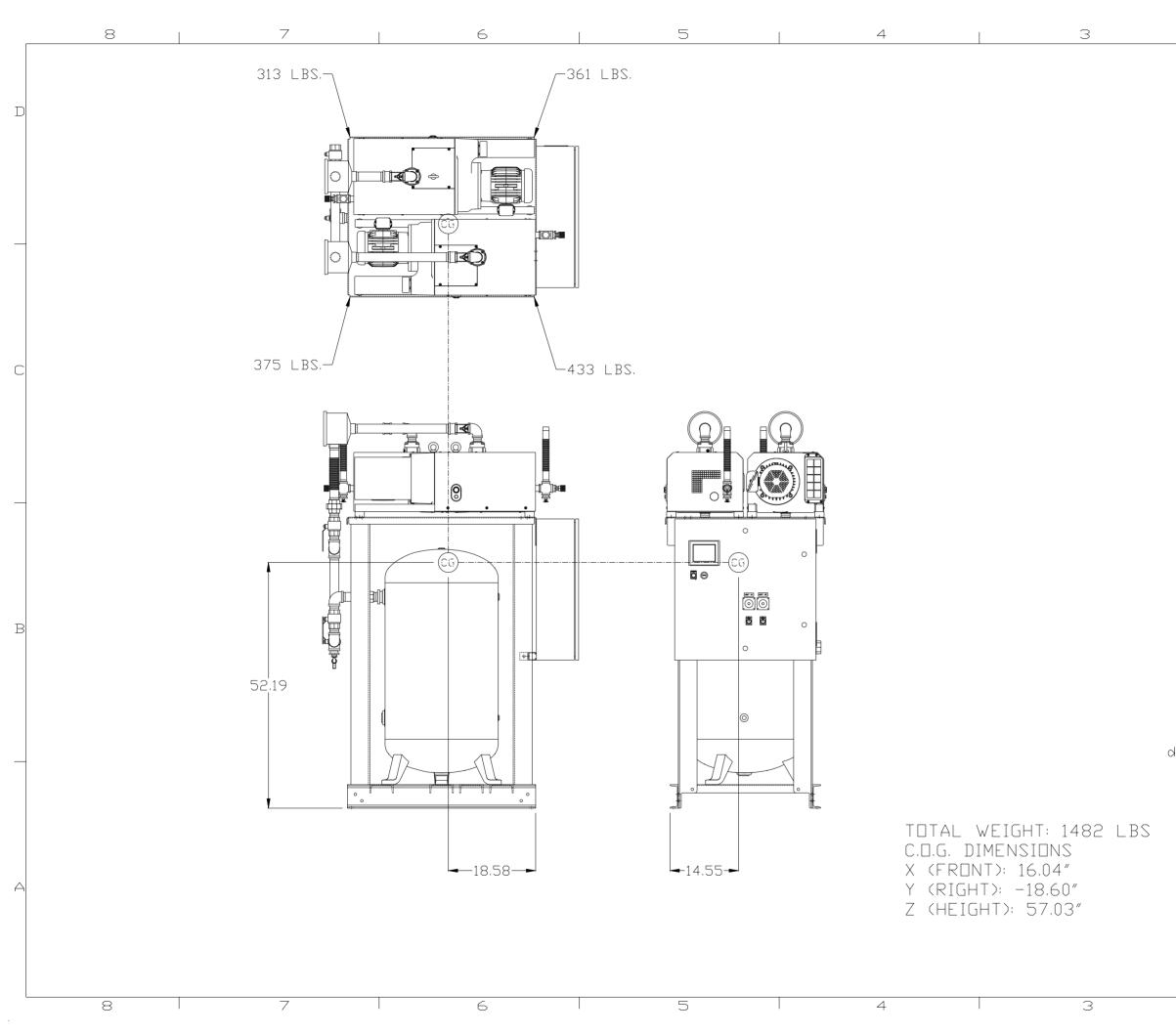
SYMBOL LEGEND ⊖ = MINUS DRAFT ⊕ = PLUS DRAFT	REQ'D	AL CONTROL HARDNESS	Drawings to current rev ANSI standar Y14.3 Multi c Y14.5M Dimens	ision ( nds. Ind sect	of the tional	following view dwgs.	
TOLERANCES NOT SPECIFIED	AUTOCAD REL2008 LT	DO NOT SCA	LE DRAWIN	G FDF	S DIN	1ENS I DNS	
. XXX ± ∠(DEG.)±	INCH	Sheet 2	of 3		SCALE	1:10	
	CONFIDENTIAL DISCLOSURE This drawing is the property of		CHECKED BY	APPROV		MFG/MRKTG	
and subject to return on contents are confidential a	demand. Its nd must not be	AEK	GES	DN	1S	RJR	
copied or submitted to outs use or examinati		12/13/11	12/13/11	12/1	3/11	12/13/11	
MATERIAL N/A			OW			X	
PART NAME			CTION DRIVE, H				
DUPLEX CLAW VAC		DWG ND	1-769-7979 FAX	(513)	367-3	SIZE	
FLOW SCHEM	CV	TD02	03	V	D		
2			-	1	C	VTD0203VB. dwg	

			1				
ΕV	ZONE	REVISION	DATE	ECN	NAME	СНКД	
-1	3 ALL ALL	ADDED CENTER DF GRAVITY SHEET ADDED PBMI SHEETS	12/13/11	22546	AEK	GES	
-1	2 B5 2 ALL	ADDED SIGHT GAUGE ADDED SOURCE VALVE INFORMATION	3/27/13	PXEC0030	AEK	GES	
-5	1,3 ALL	CORRECTED INLET PIPING SIZE SHOWN	4/11/13	PXEC0030	AEK	GES	
-1	ALL	MADE HIGH TEMP STANDARD ON BASIC CONTROLS	7/16/13	PXEC0048	AEK	GES	
-1	ALL	UPDATED BUILD TO REFLECT CURRENT PUMP	6/17/16	PXEC0149	AEK	GES	

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SYMBDL LEGEND ⊖ = MINUS DRAFT ⊕ = PLUS DRAFT	HARDNESS	Drawings to conform to the current revision of the following ANSI standards. Y14.3 Multi and sectional view dwgs.					
TOLERANCES NOT SPECIFIED AUTOCAD		V14.5M Dimensioning and tolerancing DD NDT SCALE DRAWING FOR DIMENSIONS					
. XXX ± ∠(DEG.)±	INCH	Sheet 3	of 3		SCALE	: 1: 10	ΙA
CDWFIDENTIAL DISCUSSURE This drowing is the property of PDUCREX, INC. of the SCDIT FFIZEE CDMPANY and subject to return on demand. Its contents are confidential and must not be copied or submitted to autside parties for use or examination.		DRAWN BY	CHECKED BY	APPROV ENGINE		MFG/MRKTG	
		AEK	GES	DMS		RJR	
		12/13/11	12/13/11	12/1	3/11	12/13/11	
N/A			OW			X	
DUPLEX VACUUM		150 PRDDUCTION DRIVE, HARRISON, DHID 45030 Ph: 888-769-7979 FAX: (513) 367-3125					
DUFLEX VAL	-00141	DWG ND				SIZE	
2HP 80 GAL	VERT	C٧	сутрогозу 🛛				
2			-	1	С	VTDO2O3VB. dwg	

denotes center of gravity  $\overline{c}\overline{i}$ 

DATE ECN NAME CHKD REV ZON REVISIO ADDED CENTER OF GRAVITY SHEET ADDED PBMI SHEETS H-1 3 ALL 12/13/11 22546 GES ADDED SIGHT GAUGE ADDED SDURCE VALVE INFORMATION 2 B5 2 ALL .1-1 3/27/13 CORRECTED INLET PIPING SIZE SHOWN 4/11/13 K-1 ALL MADE HIGH TEMP STANDARD DN BASIC CONTROLS 7/16/13 PXEC0048 AEK GES UPDATED BUILD TO REFLECT CURRENT PUMP 6/17/16 PXEC0149 AEK GES I-1 ALL

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