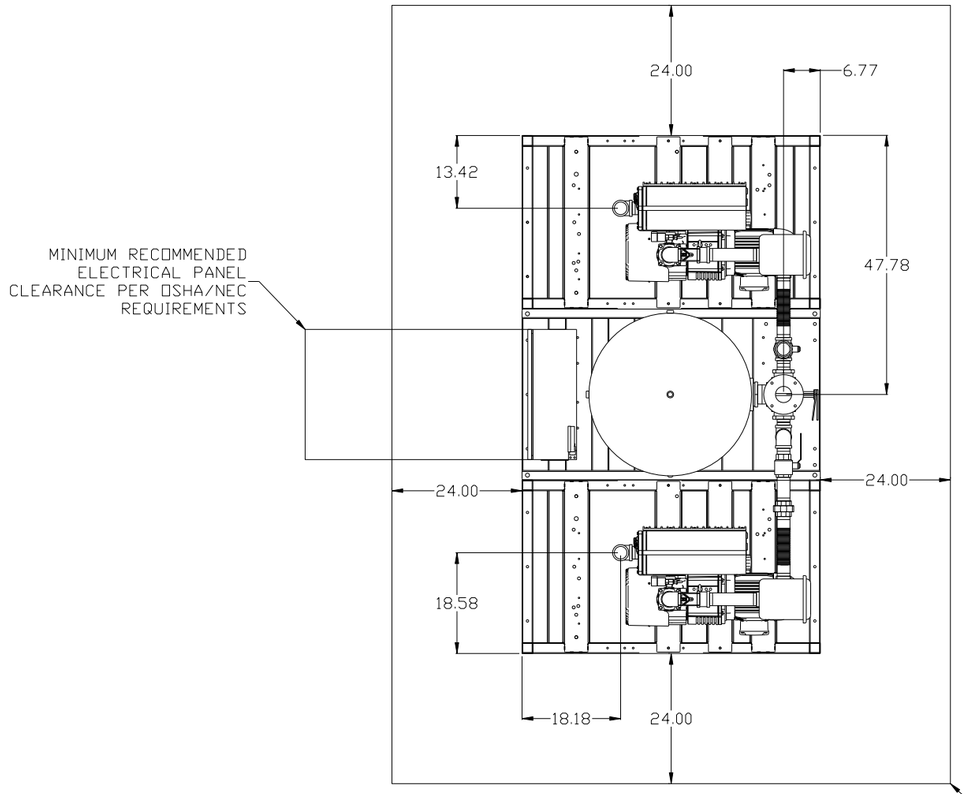
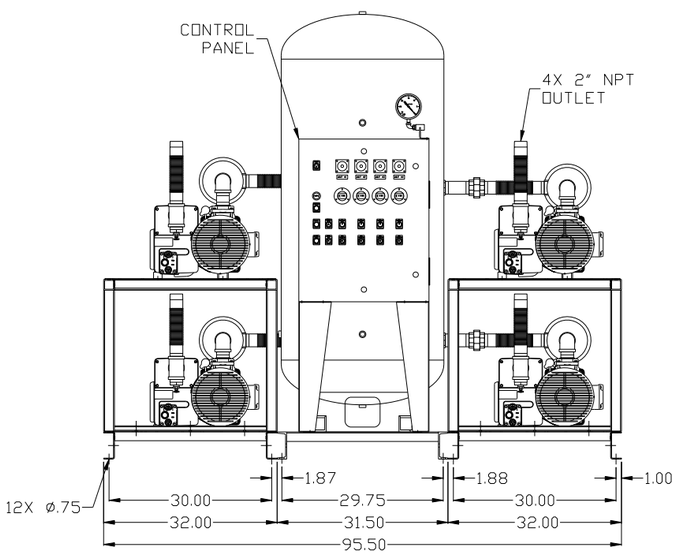
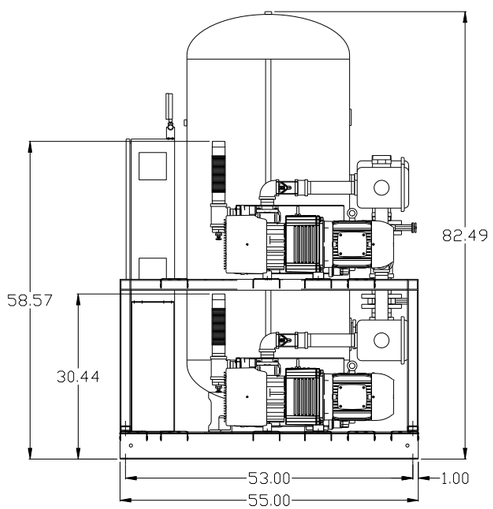
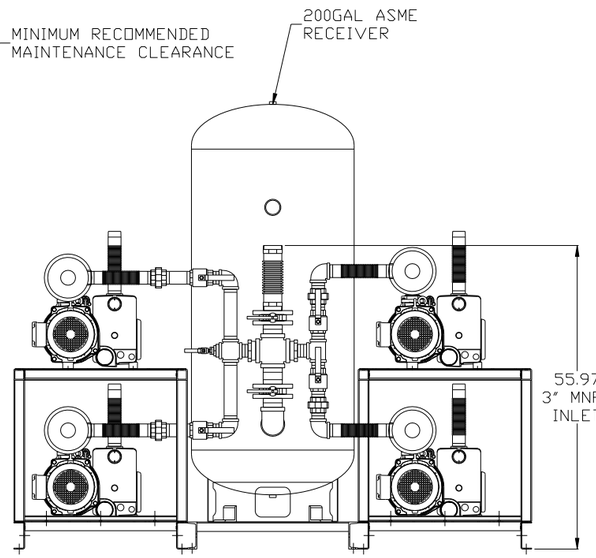
REV	ZONE	REVISION	DATE	ECN	NAME	CHKD
B-1	ALL	RELEASE FOR PRODUCTION	9/2/10	22487	AEK	GES
C-1	ALL 2 B-6 2 ALL ALL	CHANGED BV/UNIONS TO BUTTERFLY VALVES ADDED SIGHT GAUGE ADDED SOURCE VALVE INFORMATION ADDED PBMI/HMI SHEETS	12/21/15	PXEC0030	AEK	GES
D-1	1 ALL	UPDATED TO RA SERIES PUMP	2/7/18	PXEC0148	AEK	GES









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

SYMBOL LEGEND
⊖ = MINUS DRAFT
⊕ = PLUS DRAFT
▽ = ADDITIONAL CONTROL REQ'D
BHN = BRINELL HARDNESS

Drawings to conform to the current revision of the following ANSI standards.
Y14.3 Multi- and sectional view dwgs.
Y14.5M Dimensioning and tolerancing

TOLERANCES NOT SPECIFIED
.XX ±
.XXX ±
∠(DEG.) ±

AUTOCAD REL2008 LT
INCH

DO NOT SCALE DRAWING FOR DIMENSIONS

Sheet 1 of 2

SCALE 1: 14

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 ENGINEERING	APPROVED BY MFG/MRKTG
AEK	GES	DMS	RJR
9/2/10	9/2/10	9/2/10	9/2/10

MATERIAL
N/A

PART NAME
5HP VACUUM
200GAL QUADPLEX

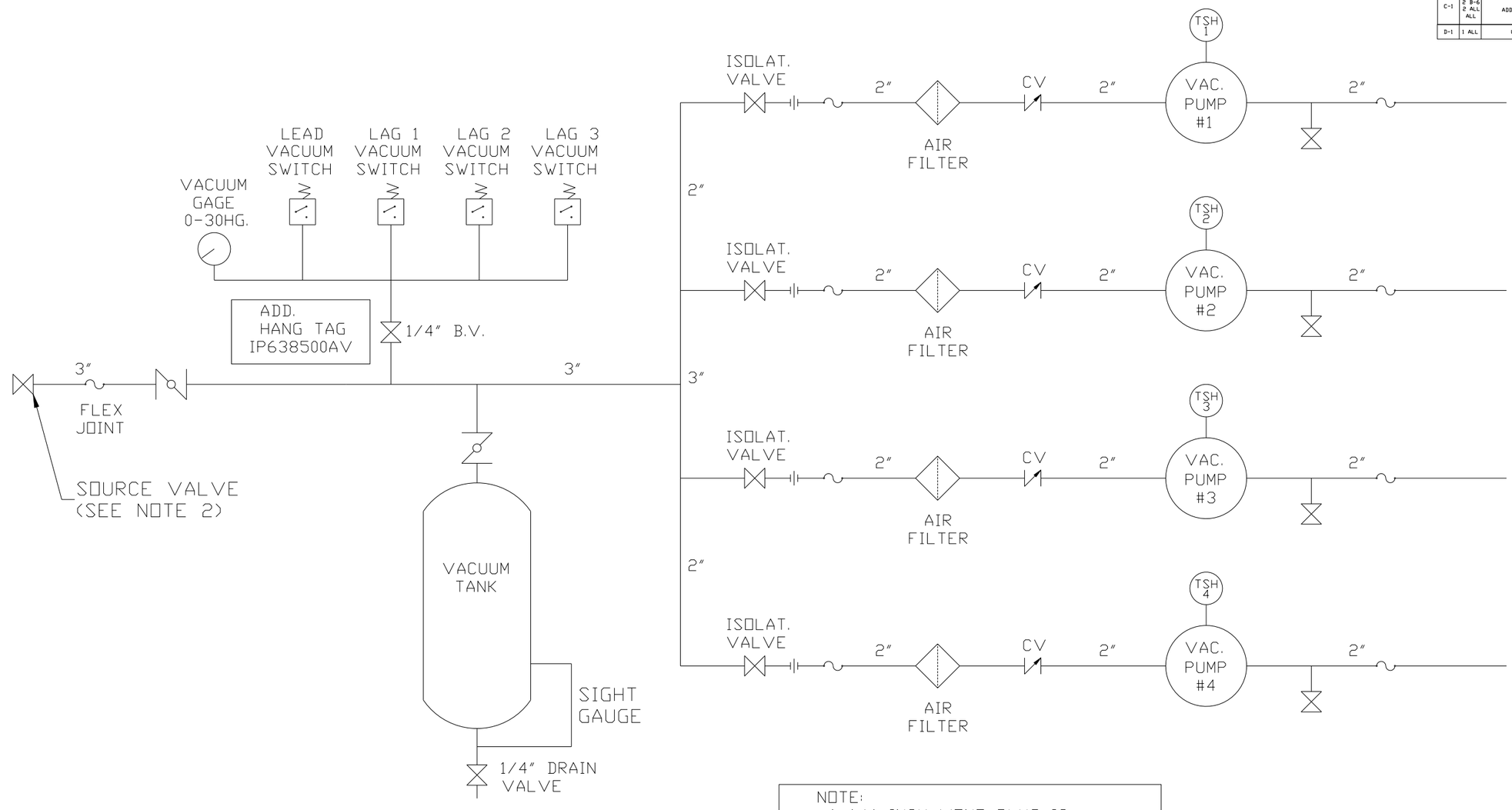
POWEREX
A DIVISION OF THE SCOTT FETZER COMPANY
150 PRODUCTION DRIVE, HARRISON, OHIO 45030
Ph: 888-769-7979 FAX: (513) 367-3125

DWG NO
VPQ0505

SIZE
D

VPQ0505B.dwg

REV	ZONE	REVISION	DATE	ECN	NAME	CHKD
B-1	ALL	RELEASE FOR PRODUCTION	9/2/10	22487	AEK	GES
C-1	ALL 2 B-6 2 ALL ALL	CHANGED BV/UNIONS TO BUTTERFLY VALVES ADDED SIGHT GAUGE ADDED SOURCE VALVE INFORMATION ADDED PBMI/HMI SHEETS	12/21/15	PXEC0030	AEK	GES
D-1	1 ALL	UPDATED TO RA SERIES PUMP	2/7/18	PXEC0148	AEK	GES



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

LEGEND

TSH 2 — TEMP. SWITCH	VACUUM SWITCH
AIR FILTER	CHECK VALVE
BALL VALVE	FLEX LINE
BUTTERFLY VALVE	UNION

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

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 dwgs.
Y14.5M Dimensioning and tolerancing

TOLERANCES NOT SPECIFIED
.XX ±
.XXX ±
∠(DEG.) ±

AUTOCAD REL2008 LT
INCH

DO NOT SCALE DRAWING FOR DIMENSIONS

Sheet 2 of 2

SCALE 1: 14

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 ENGINEERING	APPROVED BY MFG/MRKTG
AEK	GES	DMS	RJR
9/2/10	9/2/10	9/2/10	9/2/10

MATERIAL: N/A

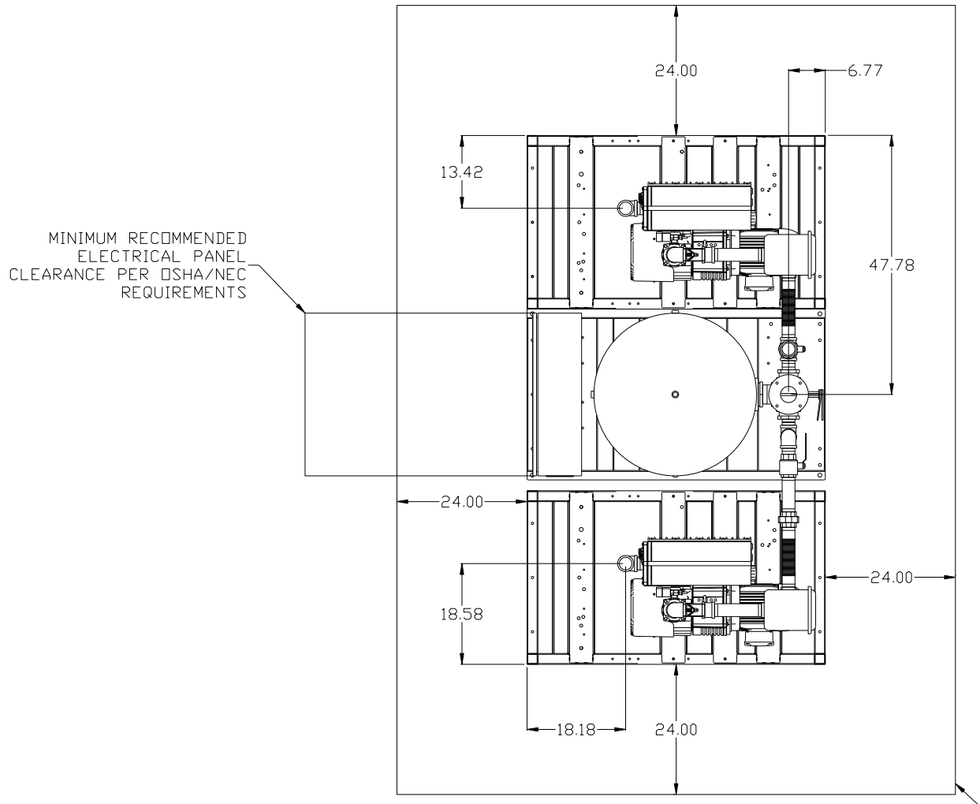
PART NAME: VACUUM PACKAGE QUADPLEX FLOW SCHEMATIC

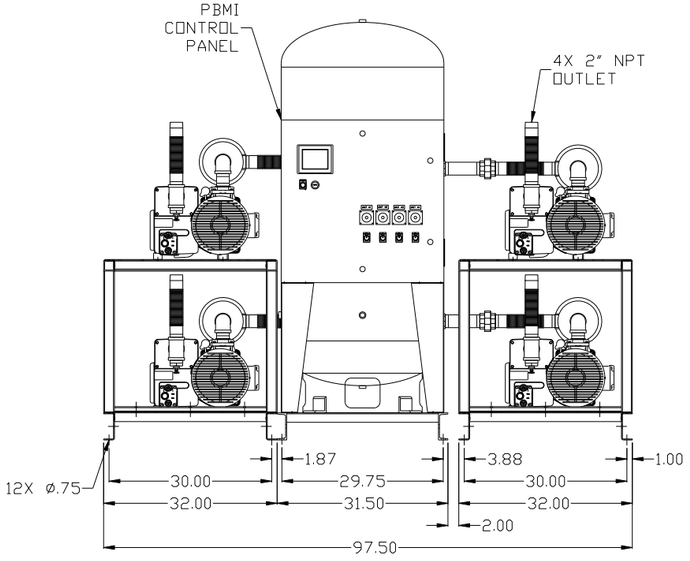
POWEREX
FLUID AIR TECHNOLOGY
150 PRODUCTION DRIVE, HARRISON, OHIO 45030
PH: 888-769-7979 FAX: (513) 367-3125

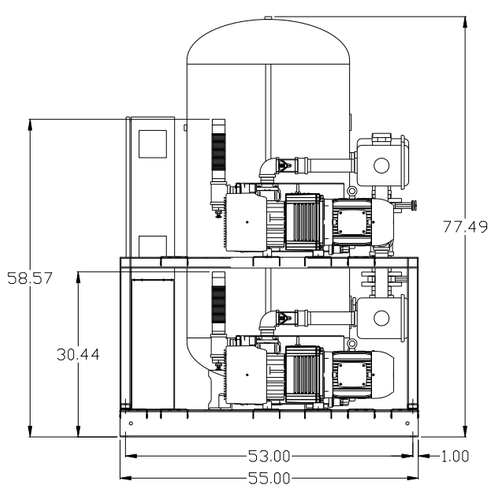
DWG NO: VPQ0505
SIZE: D

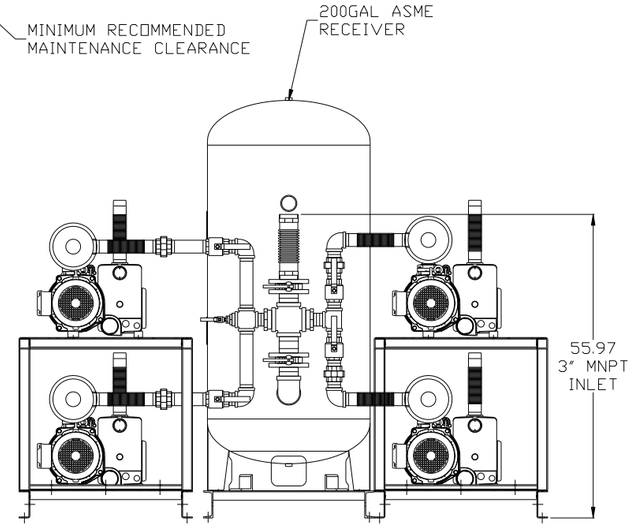
VPQ0505B.dwg

REV	ZONE	REVISION	DATE	ECN	NAME	CHKD
C-1	ALL 2 B-6 2 ALL ALL	CHANGED BV/UNIONS TO BUTTERFLY VALVES ADDED SIGHT GAUGE ADDED SOURCE VALVE INFORMATION ADDED PBMI/HMI SHEETS	12/21/15	PXEC0030	AEK	GES
D-1	1 ALL	UPDATED TO RA SERIES PUMP	2/7/18	PXEC0148	AEK	GES









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

SYMBOL LEGEND
⊖ = MINUS DRAFT
⊕ = PLUS DRAFT
▽ = ADDITIONAL CONTROL REQ'D
(BHN) = BRINELL HARDNESS

Drawings to conform to the current revision of the following ANSI standards.
Y14.3 Multi and sectional view dwgs.
Y14.5M Dimensioning and toleraning

TOLERANCES NOT SPECIFIED
.XX ±
.XXX ±
∠ DEG. ±

AUTOCAD REL2014 LT
INCH

DO NOT SCALE DRAWING FOR DIMENSIONS

Sheet 1 of 2

SCALE 1: 14

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 ENGINEERING	APPROVED BY MFG/MRKTG
AEK	GES	KMD	RJR
12/21/15	12/21/15	12/21/15	12/21/15

MATERIAL
N/A

PART NAME
5HP VACUUM
200GAL QUADPLEX

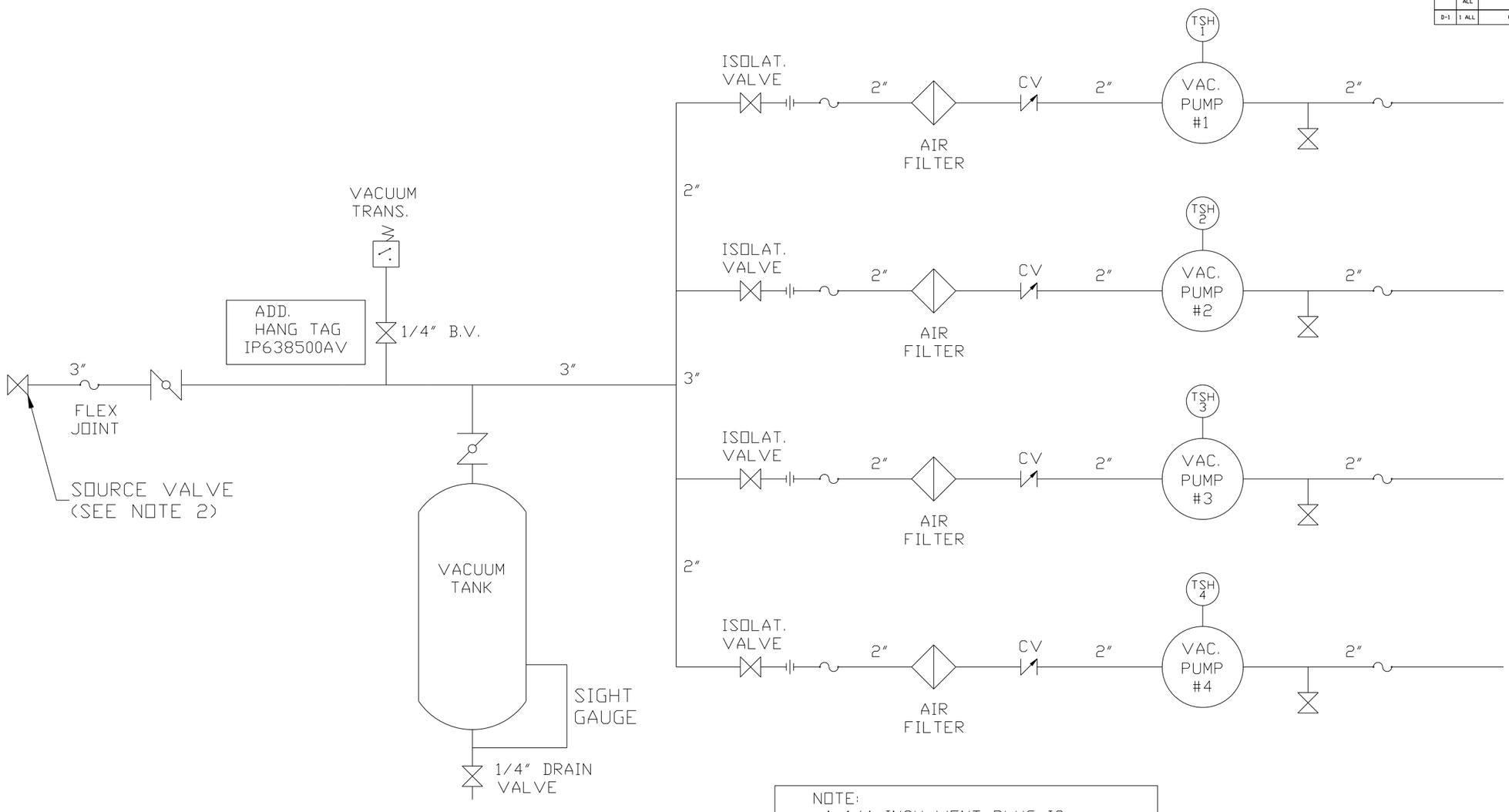
POWEREX
FLUID SYSTEMS
150 PRODUCTION DRIVE, HARRISON, OHIO 45030
Ph: 888-769-7979 FAX: (513) 367-3125

DWG NO
VPQ0505

SIZE
D

VPQ0505B.dwg

REV	ZONE	REVISION	DATE	ECN	NAME	CHKD
C-1	ALL 2 B-6 2 ALL ALL	CHANGED BV/UNIONS TO BUTTERFLY VALVES ADDED SIGHT GAUGE ADDED SOURCE VALVE INFORMATION ADDED PBMI/HMI SHEETS	12/21/15	PXEC0030	AEK	GES
D-1	1 ALL	UPDATED TO RA SERIES PUMP	2/7/18	PXEC0148	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
BUTTERFLY VALVE	UNION

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

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 dwgs.
Y14.5M Dimensioning and tolerancing

TOLERANCES NOT SPECIFIED
.XX ±
.XXX ±
∠(DEG.) ±

AUTOCAD REL2014 LT
INCH

DO NOT SCALE DRAWING FOR DIMENSIONS

Sheet 2 of 2

SCALE 1: 14

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 ENGINEERING	APPROVED BY MFG/MRKTG
AEK	GES	KMD	RJR
12/21/15	12/21/15	12/21/15	12/21/15

MATERIAL
N/A

PART NAME
VACUUM PACKAGE QUADPLEX
FLOW SCHEMATIC

POWEREX
FLUID AIR TECHNOLOGY
150 PRODUCTION DRIVE, HARRISON, OHIO 45030
PH: 888-769-7979 FAX: (513) 367-3125

DWG NO VPQ0505
SIZE D

VPQ0505B.dwg