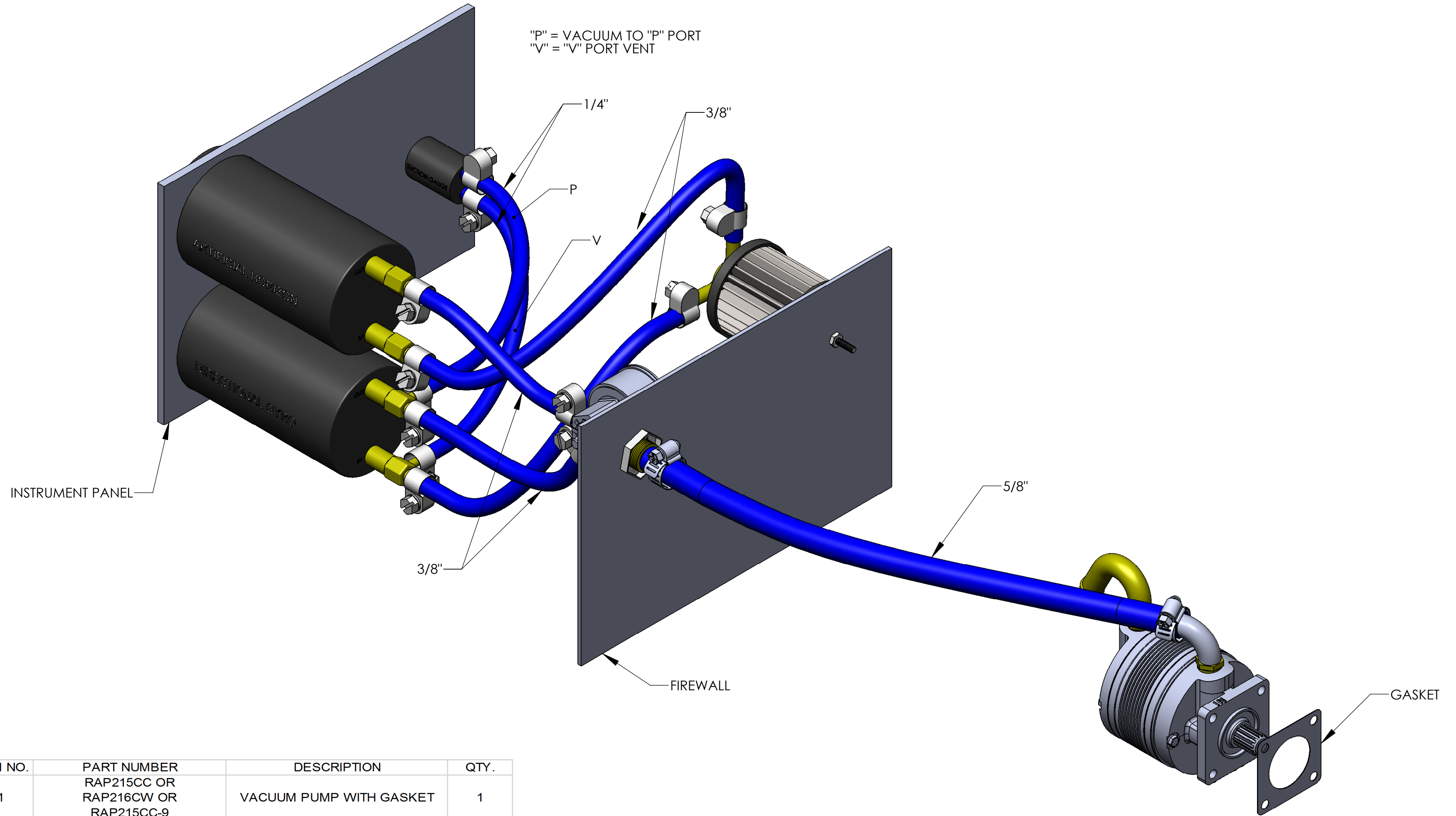


NOTES:

- 1) USE SUPPLIED HOSE CLAMPS TO SECURE HOSES TO FITTINGS.
- 2) AVOID SHARP BENDS OR KINKS IN HOSES.
- 3) SPRAY THREADED FITTINGS WITH SILICONE SPRAY BEFORE INSTALLATION.
- 4) BEFORE FLIGHT MAKE SURE SUCTION GAUGE IS WITHIN THE GREEN ARC THROUGHOUT THE NORMAL OPERATION RANGE OF ENGINE RPM. TO ADJUST, BEND LOCK TABS AWAY FROM ADJUSTING SCREW ON BOTTOM OF REGULATOR. TURN ADJUSTING SCREW CLOCKWISE TO INCREASE SUCTION, COUNTER-CLOCKWISE TO DECREASE, BEND LOCK TABS BACK
- 5) FOR USE ON EXPERIMENTAL AIRCRAFT ONLY. NOT APPROVED FOR USE ON FAA TYPE CERTIFIED AIRCRAFT. RAPCO INC. RECOMMENDS A STANDBY PNEUMATIC SYSTEM FOR YOU PRIMARY FLIGHT INSTRUMENTS, OR A BACK-UP ELECTRIC ATTITUDE INDICATOR FOR IFR FLIGHT.

# INSTALLATION DIAGRAM FOR RAPCO VACUUM SYSTEM KIT (RECOMMENDED INSTALLATION)



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	RAP215CC OR RAP216CW OR RAP215CC-9	VACUUM PUMP WITH GASKET	1
2	RA2H3-12	VACUUM REGULATOR	1
3	RA1J7-1	FILTER ASSEMBLY	1
4	RA1K1-6-10	90° 5/8" FITTING	1
5	RA1K8-6-10	152° 5/8" FITTING	1
6	RA1K31-4-6-4	3/8" AND 1/4" T-FITTINGS	2
7	RA1K10-4-6	3/8" FITTING	2
8	SUCTION GAUGE		1
9	5/8" X 3' HOSE		1
10	3/8" X 5' HOSE		1
11	14" X 6" HOSE		1
12	#4 HOSE CLAMP		4
13	#8 HOSE CLAMP		10
14	INSTALLATION DIAGRAM		1

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UNLESS OTHERWISE SPECIFIED			
INTERPRETATION IN ACCORDANCE WITH ASME Y14.5			
DIMENSIONS ARE IN INCHES			
FRACTIONAL ± 1/64			
X ± .015			
XX ± .010			
XXX ± .005			
ANGLES ± 1			
FILLET RADIUS .010 MAX			
EDGE BREAK .010 MAX			
SURFACE FINISH: 32			
Release Date	NOV/29/2017		
Production	RFF	G	NOV/29/2017
Quality	SPL	F	MAR/21/2011
Engineering	JLW	E	JUN/28/2010
DEPARTMENT APPROVAL	APPROVED BY	REVISION	ECN DATE

<b>RAPCO, INC.</b>	
445 CARDINAL LANE HARTLAND, WISCONSIN 53029 (262) 367-2292 www.rapcoinc.com	
DESCRIPTION:	MATERIAL:
INSTALLATION DIAGRAM	SEE BILL OF MATERIALS
DRAWN BY: LARRY CUDZEWICZ	DATE: JUN/28/2010
SIZE: C	DRAWING NUMBER: 160-04001A
REVISION LEVEL: G	
SCALE: DNS	SHEET 1 OF 1