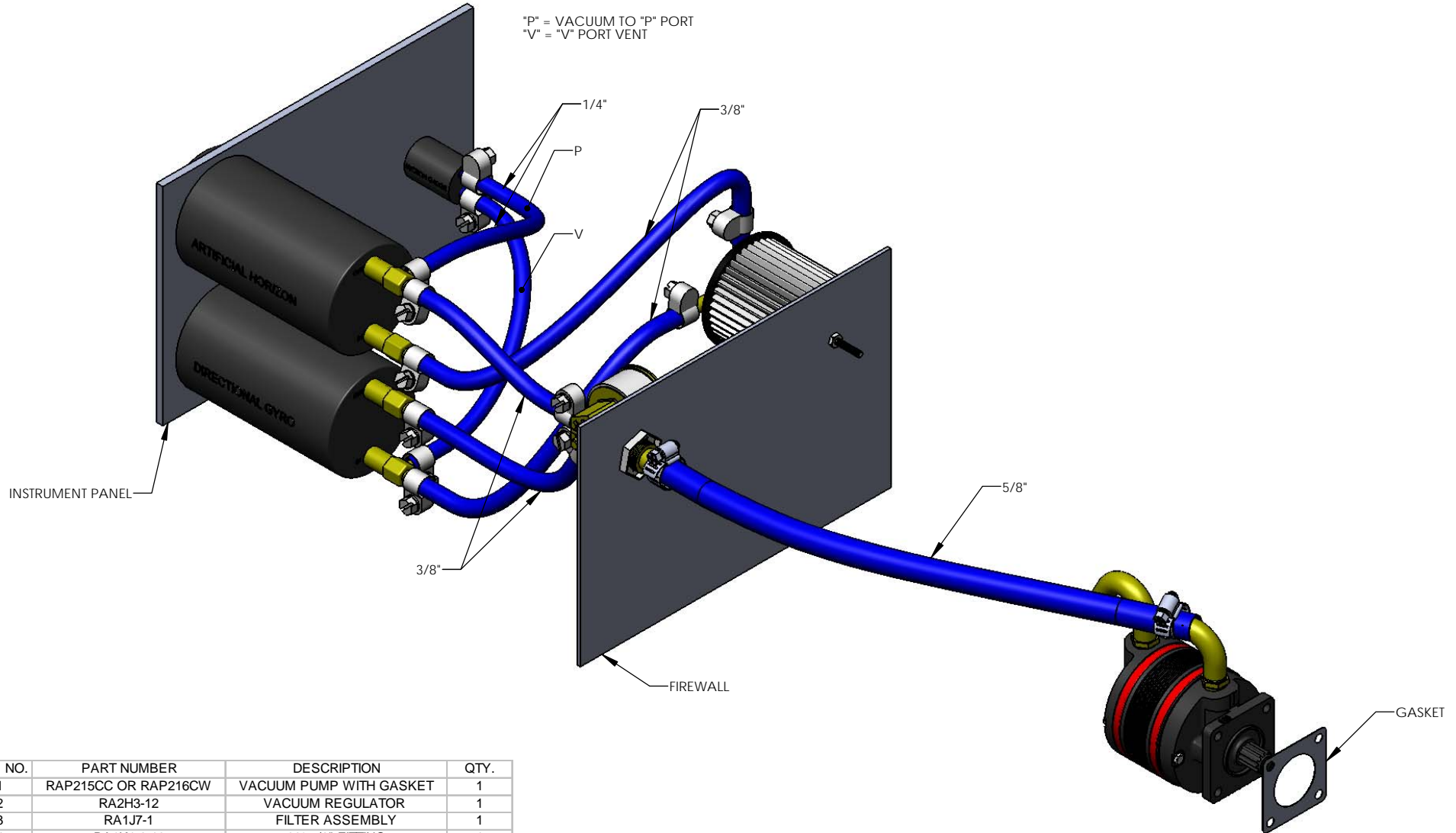


NOTES:

- 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 (ALTERNATE INSTALLATION)



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	RAP215CC OR RAP216CW	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 XXX # 005 ANGLES # 1 FILET RADIUS .010 MAX EDGE BREAK .010 MAX SURFACE FINISH 32	
Release Date	MAR/21/2011
Production	RF
Quality	SPL F - MAR/21/2011
Engineering	JLW E - JUN/28/2010
DEPARTMENT APPROVAL	APPROVED BY REVISION ECN DATE

SIZE	DRAWING NUMBER:	REVISION LEVEL
C	160-04001B	F

**RAPCO, INC.**  
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 www.rapcoinc.com

DESCRIPTION: INSTALLATION DIAGRAM  
 MATERIAL: SEE BILL OF MATERIALS

DRAWN BY: LARRY CUDZEWICZ DATE: JUN/28/2010  
 SCALE: DNS SHEET 1 OF 1