

SUCTION REGULATORS – PNEUMATIC FILTERS

PARKER SUCTION REGULATOR



Constructed of lightweight aluminum. Large air passages minimize the pressure drop through the valve. Valve chatter is virtually eliminated by pneumatically balancing the regulating diaphragm. The simple but effective polyurethane garter filter protects the air pump and may be easily replaced.

Beaded hose fittings simplify installation and eliminate expensive AN fittings which unnecessarily restrict air flow.

- Has 5/8" & 5/8" Ports (Straight).....P/N 10-02105.....
- Has 5/8" x 3/8" Ports (45° elbow).....P/N 10-02102.....
- Has 5/8" x 3/8" Ports (Straight).....P/N 10-03423.....
- Replace. Filter (replace after 100 hrs operation). P/N B3-5-1.....

TEMPEST VACUUM REGULATORS

FAA/PMA Approved



- AA 2H3-2 P/N 10-03458.....
- AA 2H3-6 P/N 10-03460.....
- AA 2H3-12 P/N 10-03461.....
- AA 2H3-23 P/N 10-03462.....

RAPCO VACUUM REGULATORS



P/N 10-00289

P/N 10-03009

P/N 10-03147

RAPCO RA2H3-12 VACUUM REGULATOR (PN 10-00289)

This FAA Approved Rapco vacuum regulator is designed to maintain a constant suction at various altitudes and is used in various General Aviation applications. It is a direct replacement for the Airborne Model 2H3-12, and supersedes the 133A16 or 2H3-16. It is adjustable and come preset to 5.0 inches of mercury (HG). This model has two 3/8" hose inlet ports at a 45 degree angle to each other and one 5/8" hose outlet port.

RAPCO RA2H3-23 VACUUM REGULATOR (PN 10-03009)

This FAA Approved Rapco vacuum regulator is designed to maintain a constant suction at various altitudes and is used in various General Aviation applications. It is a direct replacement for the Airborne Model 2H3-23, and supersedes the 133A4. It is adjustable and comes preset to 5.0 inches of mercury (HG). This model has two 3/8" hose inlet ports parallel to each other and one 5/8" hose outlet port.

RAPCO RA2H30-9 PRESSURE REGULATOR (PN 10-03147)

This FAA Approved Rapco pressure regulator is designed to maintain a constant pressure at various altitudes and is used in aircraft with pressure instrument systems such as newer Beechcraft Bonanza. It is a direct replacement for the Airborne Model 2H30-9, and supersedes the 1H30-9. It is adjustable and come preset to 5.0 inches of mercury (HG). This model has a 5/8" hose inlet port and a 5/8" hose outlet port.

Description	Rapco Model No.	Part No.	Price
RAPCO Vacuum Regulator	RA2H3-12	10-00289	.
RAPCO Vacuum Regulator	RA2H3-23	10-03009	.
RAPCO Vacuum Regulator	RA2H30-9	10-03147	.

VACUUM RESTRICTOR VALVE



AN5829-2 manually adjustable needle valve complete with locking collar and mounting flange. For reducing vacuum to 2" Hg for operation of turn/bank. Manufactured by ACS Products Co..... P/N AN5829-2.....



Aircraft Spruce offers RAPCO FAA-PMA approved filter replacements for Airborne assemblies. Destructive contamination abounds within an aircraft environment. Without proper filtration, system dirt and dust from the

cabin as well as cigarette smoke will take its toll. This results in the replacement of expensive gyro instruments and other components. Your operating costs can be significantly reduced when filters are changed on a scheduled basis. RAPCO in-line and central filters are constructed to the highest industry standards. They utilize a 0.3 micron filtration media which provides superior filtration without undue air flow restriction. As a RAPCO distributor, Aircraft Spruce offers these replacement filters at exceptionally low prices.

CLEAR VIEW INLINE AIR FILTER



Constructed of high temperature, high impact material, the CV1J4 transparent housing allows the aircraft mechanic, pilot or owner to visually monitor filter contamination when referenced with an internal "Change Indicator" decal. This revolutionary new design will aid in identifying malfunctioning or inoperative system components that cause premature air pump wear and avoid replacement of clean filters usually replaced annually or based on aircraft operating hours. When installed in a "Vacuum" gyro system between the air pump and gyro instruments, the CV1J4 "Clear View" air filter will prevent contamination of gyro instruments from carbon dust created by air pump failure. The CV1J4 filter is a direct replacement for Airborne 1J4-6 and 1J4-7 filters. FAA/PMA approved for Beechcraft Singles & Twins, Piper PA31, 31P, -300, -310, -325, -350, PA-31P-350, PA31T2, PA-34-200T, Grumman GA-7, Rockwell 700, standard equipment on all Mooney aircraft. P/N 10-00450.....

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INLINE AIR FILTER KIT FOR CESSNAS



This FAA-PMA approved kit includes a CV1J4 clear view filter, necessary hardware, a copy of the STC and detailed instructions for smooth installations. An adhesive backed label is provided for recording kit installation data in aircraft log books. P/N 10-00451.....

INLINE AIR FILTER KIT FOR PIPERS

Similar to kit for Cessnas above. FAA approved for most PA-28 and all PA-38. P/N 10-00452.....

Model	Year	A/C Serial No.
150K, L, M	1970-1977	15071129 to 15079405
A150K, L, M	1970-1977	A1500001 to A1500734
152	1978-1985	15279046 to 15286033
A152	1978-1985	A1520735 to A1521049
172 L, K, L, M, N, P, Q	1968-1985	17256513 to 17276516
R172K	1977-1961	R1722000 to R1723454
172RG	1980-1985	172RG0001 to 172RG1191
177, A, B	1968-1978	17700001 to 17702752
177RG	1971-1978	177RG0001 to 177RG1366
182R	1985-1986	18268435 to 18268615
T182	1981-1985	18267716 to 18268541
R182	1983-1986	R18201929 to R18202041
TR182	1983-1986	R18201929 to R18202041



AIRBORNE CENTRAL AIR FILTERS

Increase gyro life with Airborne gyro air filter. Incorporates a 0.3 micron filter element that protects gyro instruments by filtering out tobacco smoke and cabin dust.

Small, lightweight, easily installed. Fits most planes. Dual 3/8" beaded tubes simplify 2-gyro installations.

Part No.	Description	Price
1J7-1	Vacuum Instrument Central Gyro Air Filter: 0.3 micron pleated paper element with two 3/8" installation tubes.	.
B3-5-1	Vacuum relief & pump inlet foam garter filter: Foam Garter filter. Fits Airborne 133 & 2H3 Regulating Valves.	.
D9-14-5	Replacement element used in Airborne 1J2 Series Inlet filter (except 1J2-2)	.
D9-14-3	Replacement element used in Airborne 1J2-2.	.
D9-18-1	Replacement Filter for Airborne 1J7-1 Gyro filter Assy.	.
1J10-1	Line mounted Filter 3/8"x3/8" non-beaded tube 5-3/4" long.	.

RAPCO REPLACEMENT PNEUMATIC FILTERS

Description	Airborne Number	RAPCO Number	Part No.	Recommended Replacement	Price
Line Mounted Filter, 1/2"x1/2" Tube	1J4-4	RA 1J4-4	10-23810	500 hrs/1yr	.
Line Mounted Filter, 5/8"x5/8" Tube	1J4-6	RA 1J4-6	10-23820	100 hrs	.
Line Mounted Filter, 5/8"x5/8" Tube Overall length 5-1/2"	1J4-7	RA 1J4-7	10-23830	500 hrs/1yr	.
Vacuum Central Gyro Air Filter Assy	1J7-1	RA 1J7-1	10-23840	500 hrs/1yr	.
Vacuum Pump Inlet Garter Filter	B3-5-1	RA B3-5-1	10-23850	500 hrs/1yr	.
Replacement Element, 1J2-2 filter	D9-14-3	RA D9-14-3	10-23860	500 hrs	.
Rep. Element for 1J2 series (except 1J2-2)	D9-14-5	RA D9-14-5	10-23870	500 hrs	.
Replacement Element, 1J7-1 Filter	D9-18-1	RA D9-18-1	10-23880	500 hrs	.
Bellanca filter-Vacuum Autopilot		RA51A-5	10-02118		.
Line Mounted Filter - 3/8" x 3/8"	1510-1	RA1J10-1	10-00287		.