

SUBPLATES

For remote mounting of control valves. They convert pump mounted valves to remote mounted valves quickly and easily.

No. 9510 – Subplate for remote mounting the following valves; 9500, 9501, 9502, 9504, 9506, 9507, 9511, 9552, 9572, 9575, 9576, 9592, 9594 and 9609. Wt., 1.5 lbs.

No. 9620 – For use with 9500, 9501, 9502, 9552, 9572, 9592 and 9594. Same as No. 9510 but has integral pressure regulating valve. Wt., 3.8 lbs.

PUMP-MOUNTED SUBPLATES

When fitted between pump cover plate valve mounting flange and control valve, provides a separate $\frac{3}{8}$ " NPTF female port, open to "return" regardless of position of valve. Also provides a separate $\frac{3}{8}$ " NPTF female pressure port. This subplate can be useful when you desire to use one pump with a deck-mounted control valve, plus a separate remote-mounted valve to control another function.

For use with the following valves: 9500, 9501, 9502, 9504, 9506, 9507, 9511, 9552, 9572, 9575, 9576, 9592, 9594 and 9609.

No. 9515 – Subplate, Wt., 1.3 lbs.

No. 9521 – Subplate for use under most pump mounted valves to provide adjustable pressure control on units not equipped with an external pressure regulator. Wt., 3.8 lbs.

AIR FILTER/REGULATOR/LUBRICATOR

Recommended for use with single-speed air/hydraulic pumps found on pages 55-69.

No. 9531 – Filter/regulator. $\frac{1}{4}$ " NPTF inlet and outlet. Wt., 0.8 lb.

PRESSURE SWITCH

Application: Used in a hydraulic circuit where system pressure must be "held". Automatically (electrically) turns off pump motor when predetermined system pressure is reached.

Attaches directly to control valve manifold or can be mounted "in-line" to read system pressure. Has a $\frac{1}{4}$ " NPTF male thread, and a $\frac{1}{4}$ " NPTF fitting for gauge mounting if required. Adjustable from 1,000 to 10,000 psi. Can also be used to actuate other electrical devices in the system. Wired "normally open" and held closed by spring pressure.

IMPORTANT: Electrical rating of switch is 5 amps at 250 volts max. To prevent permanent damage to switch, a control relay must be installed to handle currents or voltage exceeding these limits. Pressure switch should never be used to directly actuate the electrical motor.

No. 9625 – In-line pressure switch with $\frac{1}{4}$ " NPTF gauge port. Wt., 1.1 lbs.

PILOT OPERATED AIR CONTROL VALVES

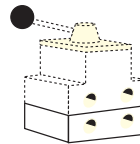
Application: For use when an air pilot signal is required at a set hydraulic pressure.

Can be used to shift valves, and start or stop pneumatic pumps.

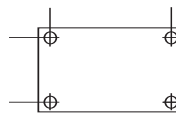
Attaches directly to control manifold or can be mounted "in-line" to read system hydraulic pressure. Automatically turns on an air pilot signal when a predetermined system pressure is reached. Has $\frac{1}{4}$ " NPTF male thread and $\frac{1}{4}$ " NPTF fitting for gauge mounting if required. Adjustable from 500-10,000 psi. Maximum rating of 25 scfm at 100 psi.

No. 9641 – Pilot operated control valve, normally closed, with $\frac{1}{4}$ " NPTF male thread. Wt., 1 lb.

No. 9643 – Same as 9641 except normally open. Wt., 1 lb.



9510 and 9620 attach to the bottom of valve for remote mounting. The 9515 and 9521 mount between the pump cover plate and valve.



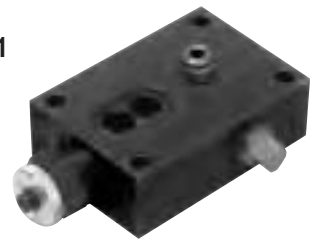
9510
9515



9620



9521



9531

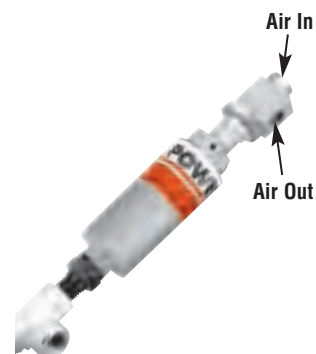


9625



Air In

Air Out



9641
9643