AIR PILOT SWITCHES
PRESSURES FROM 145 TO 14,500 PSI

- Air pilot pressure switches are pressure sensing devices with an air valve, used to turn air driven gas boosters, liquid pumps and air amplifiers on/off at a desired set pressure by controlling a pneumatic signal to the unit’s air pilot control feature.
-Units can operate at their maximum drive air pressure, achieving desired outlet set pressure as rapidly as possible.
- Switch resets in approximately 10% drop in set pressure, for the controlled unit restart.
- Externally adjustable under pressure
- Normally Open switches close upon reaching set pressure (typically used to stop on pressure increase when the desired high pressure is achieved).
- Normally Closed switches open upon reaching set pressure (typically used to stop unit on pressure decrease, such as low bottle supply pressure).

Adjustment
Turn adjusting gland (32 mm hex) clockwise to increase, or counter clockwise to decrease the pressure setting. The gland hex also has holes for using a rod or Allen wrench. The dead-band is about 10% of the final set pressure.

TECHNICAL INFORMATION

Materials
- Body (Standard)..................Aluminum Alloy
- Body (Optional).............316 Stainless Steel
- Piston.................................440-B
- Seal........................................PTFE with T46 Turcon
- Gland..............................303 SS
- O-Ring........................................Buna-N

Connections
- Sensing Port...............1/4" FNPT
- Air Ports..............................1/8" BSPP

Typically stocked switches
- APS-10-30-4P-NO
- APS-10-30-4P-NC
- APS-30-100-4P-NO
- APS-30-100-4P-NC
- APS-100-300-4P-NO
- APS-100-300-4P-NC
- APS-300-1000-4P-NO
- APS-300-1000-4P-NC
- APS-10-30-4B-O2-NO
- APS-100-300-4B-O2-NC

NOTE: Dimensions are subject to change. Consult Factory.
GAS RECEIVERS
Alloy Steel with nickel plating
1/4" high pressure inlet/outlet connections on each end.

- **REC-36S**...36 Cu. In. - 10,000 psi, 2.5" Dia. x 20.63" L overall
- **REC-66S**...66 Cu. In. - 10,000 psi, 2.5" Dia. x 33" L overall

**TECHNICAL INFORMATION**

<table>
<thead>
<tr>
<th>Materials</th>
<th>Sizing Data</th>
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<tbody>
<tr>
<td>Body.............. Stainless Steel</td>
<td></td>
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<tr>
<td>Seat................ Nylon</td>
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<tr>
<td>Seals............. PTFE/EPDM</td>
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<td>Orifice............... 0.07&quot; DIA.</td>
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<td>Cv...................................... 0.12</td>
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**Connections**
- Inlet or Thru Ports....1/4" FNPT
- Outlet/Vent............. 1/4" FNPT

**DIMENSIONS** (inches)

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1/4" high pressure inlet/outlet connections on each end.

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**DRY AIR SPOOLS**
For severe duty service
- The Dry Air Spool (DAS) option should be considered for extreme operating conditions involving air or gas drive mediums below 0°F. dewpoint, or very cold climate applications (-40°C.).

**TECHNICAL INFORMATION**

**Materials**
- Body.............. Stainless Steel
- Seat................ Nylon
- Seals............. PTFE/EPDM

**Connections**
- Inlet or Thru Ports....1/4" FNPT
- Outlet/Vent............. 1/4" FNPT

**AIR RECEIVER TANKS**
Carbon Steel, ASME Certified

- **T-1-400**.......1 Gallon - 400 psi, no mounting, 6" OD x 16" L, 10 lbs., connections: (2) 3/4" FNPT (1) 1/4" FNPT
- **T-4-600**.......4 Gallon - 600 psi, with mounting base, 10.75" Dia. x 13.75" H x 15" L, 46 lbs., connections: (2) 3/4" FNPT (3) 3/8" FNPT (2)1/4" FNPT
- **T-302461**....10 Gallon - 200 psi, with mounting legs, 10" OD x 30" L x 11.5" H, 43 lbs., connections: (2) 3/4"
- **T-302464**....15 Gallon - 200 psi, with mounting legs, 12" OD x 33" L, 14.5" H, 51 lbs., connections: (2) 3/4" FNPT (3) 1/2" FNPT (1) 1/4" FNPT
- **T-302470**....30 Gallon - 200 psi, with mounting legs, 16" OD x 38" L, 20.6" H, 111 lbs., connections: (2) 1 1/2" FNPT (3) 3/4" FNPT (1) 1/2" FNPT

**AIR CONTROL PACKAGES**
Consisting of a filter, regulator with gauge, shut-off valve and required fittings

- **ACM**..........For all LC, PPO, PP & PPSF pumps, and MPLV air amplifiers
- **AC**.........For all S Pumps
- **ACP**.......For all L, LO & LSF pumps, DLA & GPLV air amplifiers and DLE gas boosters
- **ACG**.......For all GX pumps

**PUMP CYCLE COUNTERS**
To order: add suffix to pump P/N, eg. PPO12-CCW

- **CCP**....Panel mount, 0 - 999,999 max. cycles, 1/03" hg x 2" wd hole
- **CCW**...Wall mount, 0 - 999,999 max cycles, 4.00" hg x 2" wd hole