TYPE A
AIR ADJUSTED PILOT
CONTROLS -30 in. hg to 150 PSIG

- Air Loaded
- Remote Control
- Spring Operated
- Normally Closed
- Packless Construction
- Economic Use of Air
- Ease of Adjustment
- Accurate to ±1 psi
- Delivery to Loading Air Pressure Ratios from 5/8 to 1 up to 6-2/3 to 1 psi
- Fluid, Gas & Vapor Applications
- Accurate Regulation Unaffected by Service Conditions
- Easy In-line Maintenance

OPTIONS
- Integral Mount
- Air Filter Regulator/Gauges

MODELS*
- TYPE A for pressure control at low pressures. Delivery to loading pressure is 1 to 1 psi.
- TYPE A35 for pressure control at very low delivery pressures as in some heating system control. Delivery to loading pressure is 3/4 to 1 psi.
- TYPE A43 & A54 for pressure control at medium to high pressures. Delivery to loading pressure is 2 to 1 psi.
- TYPE A53 for pressure control at medium pressures. Delivery to loading pressure is 4 to 1 psi.
- TYPE A70 & A73 for pressure control at high delivery pressures when available loading air is at low pressure. Delivery to loading pressures are 15 and 6-2/3 (respectively) to 1 psi.
- TYPE A82 Vacuum for pressure control of very low pressure or systems varying between very low pressure and light vacuum. Delivery to loading pressure is 1 to 1 psi.
- TYPE A83 Vacuum for temperature control. Delivery to loading pressure is 1 to 1 psi.
- TYPE A84 Vacuum for temperature control at lower delivery pressure features more gradual response. Delivery to loading pressure is 2 to 1 psi.
- TYPE A85 Vacuum for temperature, pressure and vacuum control. Delivery to loading pressure is 3 to 1 psi.
- TYPE A86 for pressure control at low pressures. Delivery to loading pressure is 1 to 1.5 psi.
- TYPE A87 Vacuum for temperature, pressure and vacuum control. Delivery to loading pressure is 8 to 1 psi.

*Ranges are approximate.
TYPE A AIR ADJUSTED PILOT

SPECIFICATION
The Pilot shall be separate from the main valve and connected to it with a male union. The Pilot shall be normally closed design with packless construction. A strainer screen shall be built into the Pilot inlet. The Pilot shall be interchangeable on all sizes of main valves.

MATERIALS OF CONSTRUCTION
Body, Cast Iron .................................. ASTM A126 Cl B
Body, Cast Steel ............................... ASTM A216 GR. WCB
Stem ............................................ 303 St. Stl. ASTM A582 COND A
Disc ............................................. 440 St. Stl. ASTM A276-75 COND A
Seat .......................... 420 St. Stl ASTM A276 COND A
Gasket ............................................ Non-Asbestos
Diaphragm .......................... 301 St. Stl. MIL-5-5059C
Spring .............................................. Inconel

† For Integral Mount Pilot, this dimension is 5/8" (16).