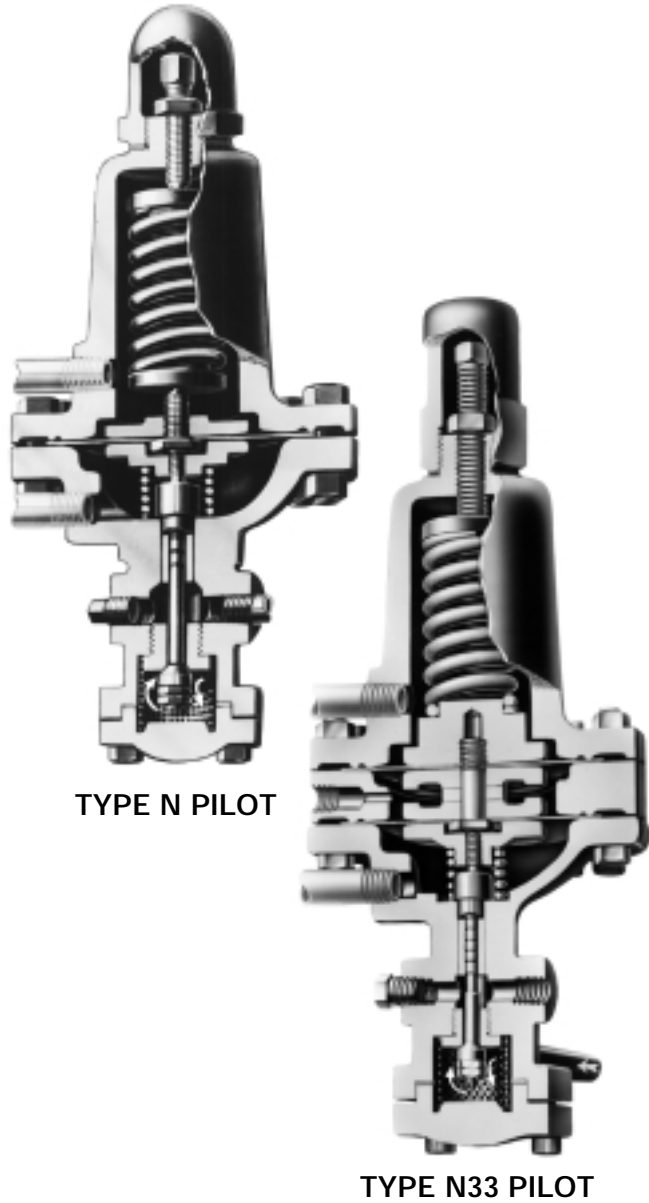


# TYPE N DIFFERENTIAL PRESSURE PILOT

CONTROLS 3 to 150 PSIG



- Self Contained
- Spring Operated
- Normally Closed
- Packless Construction
- Accurate to  $\pm 1$  psi
- Four Adjustable Spring Ranges
- Fluid, Gas & Vapor Applications
- Loading Pressure Supplied by any Fluid
- Accurate Regulation Unaffected by Service Conditions
- Easy In-line Maintenance

### OPTIONS

- Integral Mount (for N and N33)

### MODELS

- **TYPE N** for delivery pressure at set differential above loading pressure. Available in four spring ranges. Includes integral strainer.
- **TYPE N20** for fixed differential between regulator's inlet pressure and some other lower pressure.
- **TYPE N33** for delivery pressure at set differential above loading pressure where it is essential there be no mixing of two fluids. Ensured by two diaphragms, separated by a vented space. Available in four spring ranges. Includes integral strainer.

### TYPICAL CONFIGURATIONS

PRESSURE REDUCING .....TYPE EN

PRESSURE REDUCING .....TYPE E2N

PRESSURE REDUCING .....TYPE E5N

### APPLICATION DATA

- Boiler Feedwater Makeup
- Steam Atomizing for Oil Burners
- Heat Exchanger to maintain Constant Differential

### RATINGS (Maximum Inlet Conditions)

Construction	Pressure PSIG (bar)	Temperature °F (°C)
Cast Iron	250 (17.2) @	450 (232)
Cast Steel	600 (41.4) @	750 (400)

### SPRING PRESSURE RANGES (PSIG)

3-20	10-100
5-50	20-150

Canadian Registration # OC 0591.9C

SIZING INFO  
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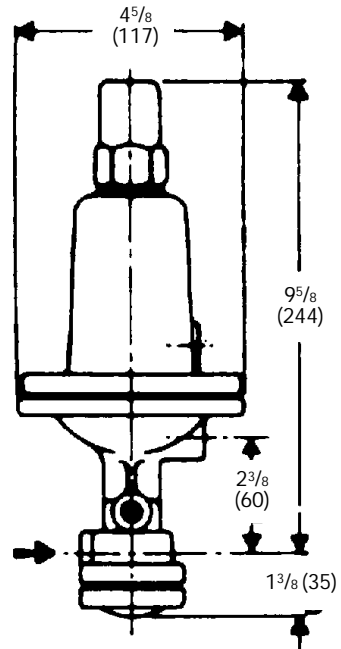
# TYPE N DIFFERENTIAL PRESSURE PILOT

## SPECIFICATION

The Pilot shall be separate from the main valve and connected to it with a male union. The Pilot shall have packless construction. The Pilot shall be interchangeable on all sizes of main valves.

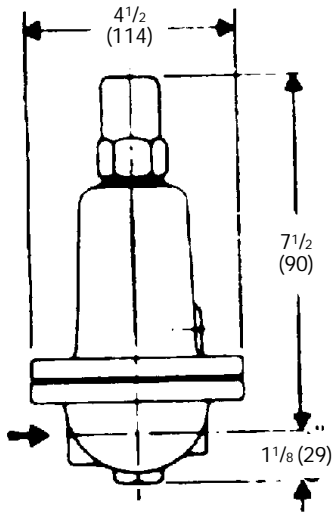
## MATERIALS OF CONSTRUCTION

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

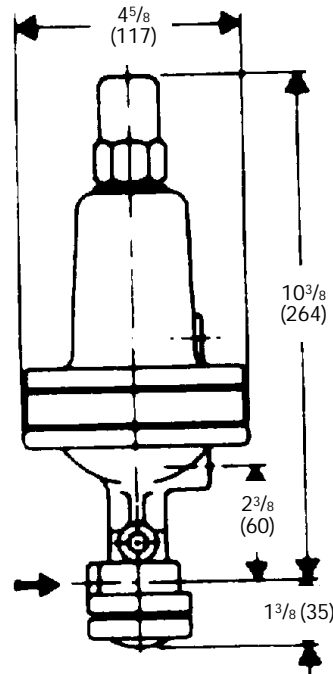


Integral Mount  
5/8 (16)

**TYPE N PILOT**  
**8 LBS.**  
**(3.6 KG)**



**TYPE N20 PILOT**  
**8 LBS.**  
**(3.6 KG)**



Integral Mount  
5/8 (16)

**TYPE N33 PILOT**  
**11 LBS.**  
**(5 KG)**