

# Inertrol Outfits

## 4286 Series 4289 Series 4291 Series

### Application

The 4286, 4289, and 4291 series inertrol outfits are three-stage nitrogen regulators especially designed to maintain oil-filled transformer atmospheres at 0.5 PSIG. Each inertrol outfit consists of a two-stage regulator connected in series to a highly sensitive single-stage regulator which maintains the 0.5 PSIG pressure. A built-in pressure relief valve in the third-stage regulator helps protect against over-pressurization of the system.

These inertrol units are designed for oil-filled transformers manufactured by ABB, Inc., General Electric, and Cooper Power. Some outfits are equipped with an alarm switch that activates a customer equipped warning device should the cylinder pressure drop below 3000 PSIG.

### Features

- Heavy duty brass and aluminum construction resists corrosion and provides for longer life.
- The 4289 series incorporates a special by-pass valve to allow for quick filling of the transformer.
- Hidden pressure adjusting screw helps protect against tampering by unauthorized personnel.
- Large diameter diaphragm in the third-stage regulator provides for sensitive and precise control of the gas flow.
- Maximum inlet pressure - 3000 PSIG.

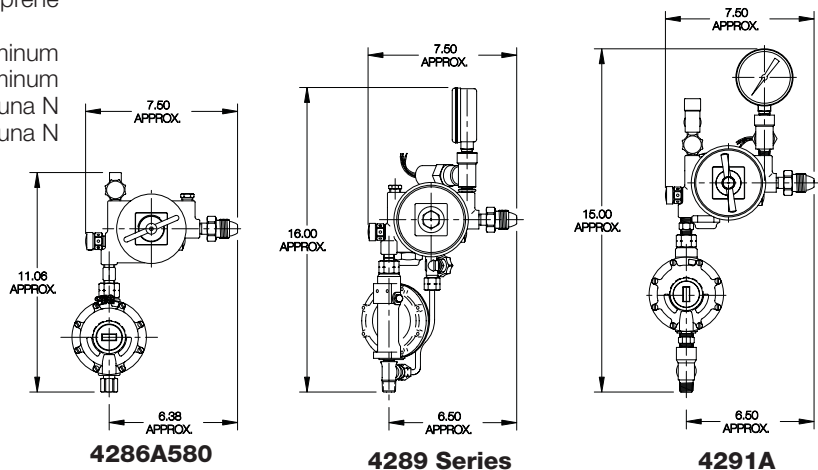
### Materials

#### Two-Stage Regulator:

Body .....Brass  
Bonnet .....Brass  
Diaphragms.....Synthetic Rubber  
1st Stage Seat Disc.....Nylon  
2nd Stage Seat Disc .....Neoprene

#### Third-Stage Regulator:

Body .....Aluminum  
Bonnet.....Aluminum  
Diaphragm .....Buna N  
Seat Disc.....Buna N



### Ordering Information

Part Number	Gas Service	Inlet	Outlet	Two Stage Regulator Part Number	Third Stage Regulator Part Number	Alarm Gauge	Transformer Manufacturer
4286A580	Nitrogen	CGA580	1/8" NPT	4286A-2NW	4286-10-8	None	ABB, Inc.
4289AG			3/16" -18 L.H.	4289A-2G	4289-10	4285-9B	General Electric
4289G						None	
4291A			3/8" NPT	4291B-2	4286-10-8	4285-9B	Cooper Power