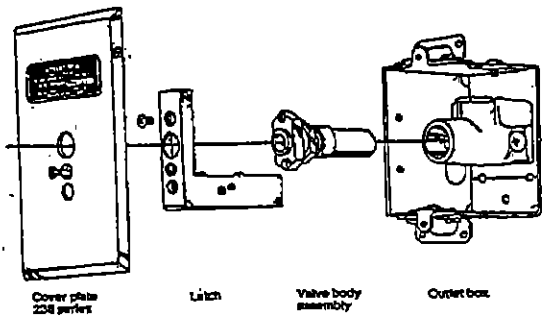
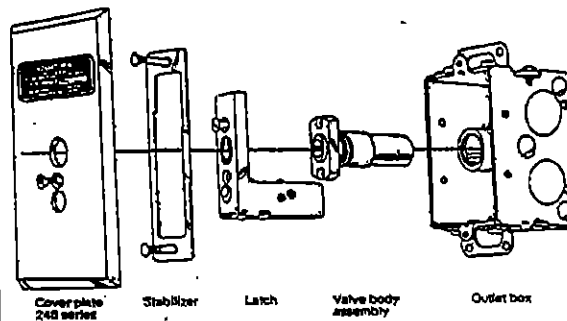


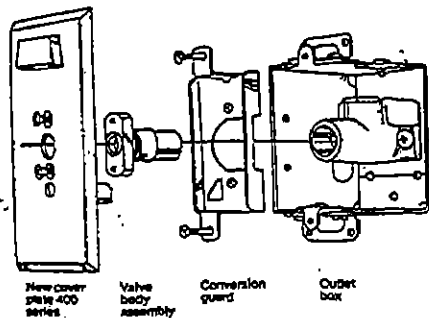
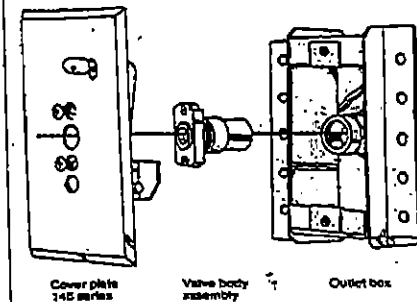
238 Series 1954-1959



248 Series 1959-1963



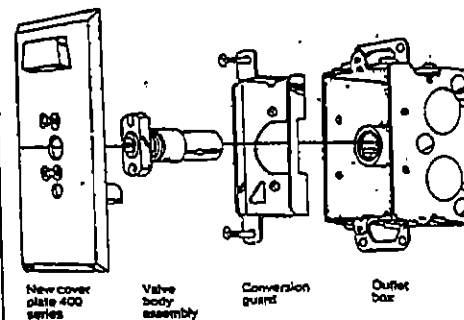
148 Series 1963-1969



238 Series Outlets

With Valve Body Assembly

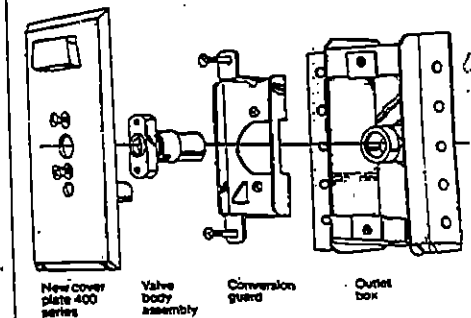
Catalog Number	Gas Service
Single Service Outlets	
49-10-0012	Vacuum
49-10-0013	Nitrous Oxide
49-10-0014	Air
49-10-0036	Oxygen



248 Series Outlets

With Valve Body Assembly

Catalog Number	Gas Service
Single Service Outlets	
49-11-0006	Oxygen
49-11-0007	Vacuum
49-11-0008	Nitrous Oxide
49-11-0009	Air

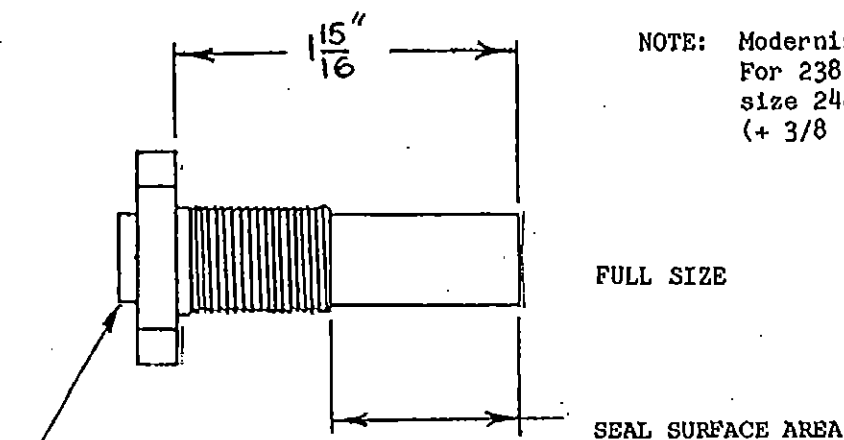


148 Series Outlets

Without Valve Body Assembly		With Valve Body Assembly	
Catalog Number	Gas Service	Catalog Number	Gas Service
Single Service Outlets			
49-12-0001	Oxygen	49-12-0006	Oxygen
49-12-0002	Vacuum	49-12-0007	Vacuum
49-12-0005	Air	49-12-0008	Nitrous Oxide
49-12-0021	Nitrous Oxide	49-12-0009	Air

Identification of 238 Series Outlets

1. Secondary check is underneath the 3/4 in. hex located in back and on top of the forged brass housing.
2. Valve body length. The 238 Series had the longest standard length 1-15/16 from behind the flange to the end of the valve body.



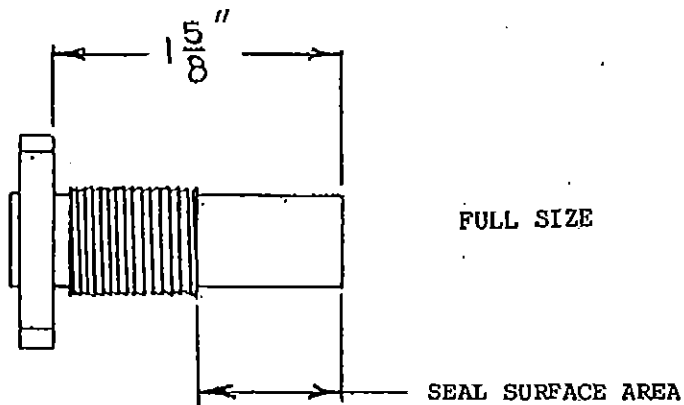
NOTE: Modernization Kits
For 238 Series utilize over
size 248 valve bodies
(+ 3/8 inch)

- Extended barrel means a special valve body or faceplate.
Always modernize with a new valve body.
3. Box depth: 2-1/2 inches deep electrical back box (Gem box).

THESE MUST BE MODERNIZED TO COMPLY WITH NFPA 56F, PARA 433

Identifioation of 248 Series Outlets

1. Secondary check is behind slotted brass plug located on the right side (Top inlet installation) of the forged brass housing.
2. Valve body length: 1-5/8 inches from behind the flange to the end of the valve body.

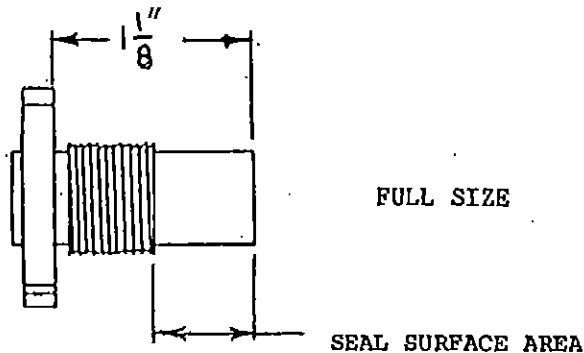


3. Box depth: 2 inch electrical back box (Gem Box).

THESE MUST BE MODERNIZED TO COMPLY WITH NFPA 56F, PARA 433

Identification 148 Series Outlets

- 1a. Secondary checks. For the first model 148 series, is a ball type check inside the machined hex brass housing. The copper pigtail is soldered to a hex base on the right side then bends up (or down on the bottom inlets).
- 1b. Later model 148's have a hex brass check with a flat washer inside the machined brass housing. The copper pigtail is soldered on top of a square base and runs straight up (straight down on bottom inlets). This unit is identical to the 400 series secondary check, base and housing.
2. Valve body length: 1-1/8" from behind the flange to the end of the valve body. All 148 valve bodies had a notch in the flange the keyed to the faceplate for like services.



- 3a. 148 Series outlets with a ball check were mounted in a 2 inch deep electrical box.
- 3b. 148 Series outlets with a hex and washer check were mounted in a 2 inch deep formed channel box.

THESE MUST BE MODERNIZED TO COMPLY WITH NFPA 56F, PARA 433 .