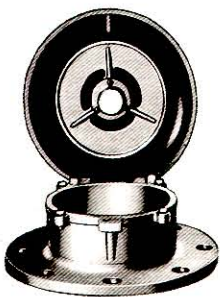
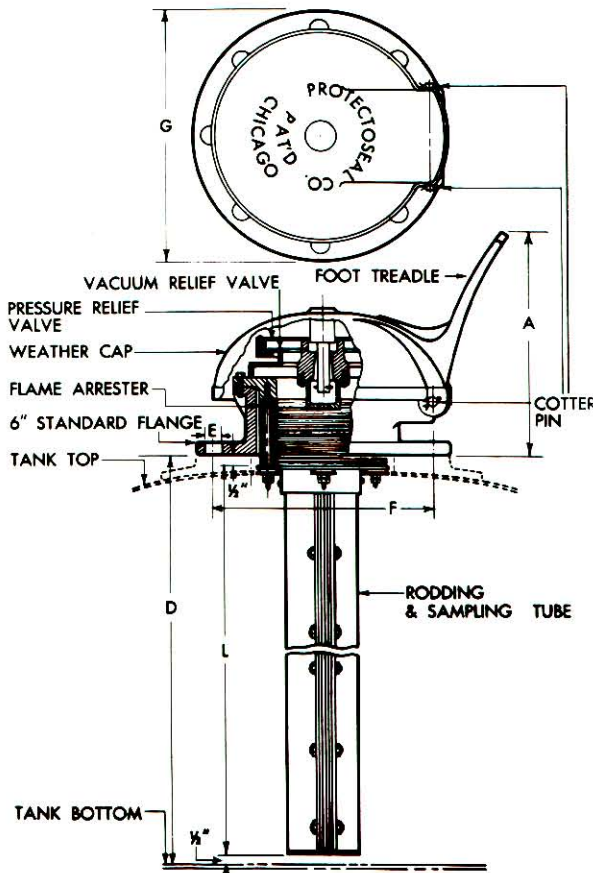
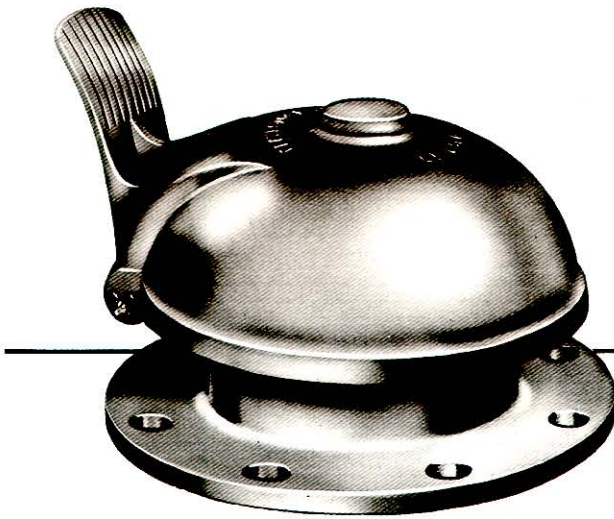


# Flame Arrester Rodding and Sampling Unit

**PROTECTOSEAL SERIES No. 400**

## RODDING AND SAMPLING UNITS



Illustrated at left is the Protectoseal No. 400 head and cap assembly in the open position. Pressure and vacuum relief valves are centrally located in cap. Cap opens wide for unobstructed rodding and sampling operations.

Protectoseal Series No. 400 Units for installation in storage tank rodding and sampling openings protect tank contents from fire and explosion during rodding and sampling operations. Safety tubes with flame arrester structures prevent the propagation of fire into the tank.

Series No. 400 Units are particularly suitable for installation on storage tank containing benzol, toluol, xylol, other light oils and coal tar derivatives.

Pressure and vacuum relief valves in the head assembly provide additional venting capacity under operating and emergency conditions. Valves open and close to permit only that intake or outlet relief necessary to keep interior pressures within permissible working limits. The vacuum relief valve controls the intake of air, whereas the pressure relief valve controls the escape of vapors to the atmosphere.

### Features of Construction

The lightweight head and cap assembly are sturdy aluminum alloy castings. These light weight, heavy duty castings are easy to install, yet are very durable. Cap design features treadle bar for foot operation.

The vertical design of the rodding and sampling tube assures accurate sampling of tank contents. Complete installation, consisting of head assembly and safety tube, facilitates lowering of glass sampling bottle to any desired depth within the tank. Safety tube may be conveniently removed for fast visual inspection or cleaning without removing the head and cap assembly. Simply lift tube through the opening in the head assembly. Correct air-spacing between the individual flame arrester plates provides for positive flame arresting function.

Series No. 400 Units are furnished with standard aluminum head assembly (Cat. No. 406 D) and choice of two types of flame arrester-rodning tube combinations to meet specific requirements.

Type 1 — Cat. No. 420 B: Single bank, stainless steel rodding tube (lower section).

Type 2 — Cat. No. 425 B: Double bank, stainless steel rectangular plate rodding tube (lower section).

Please Note — When ordering, the head assembly, circular plate type flame arrester, and Stainless Steel rodding tube with length desired are ordered separately.

Cat. No.	A	G	E	F B.C.	D	L	Approx. Ship. Wt., Lbs.
406D	8¾"	11"	¾"	9½"	Customer to Specify	D-1"	12
406-40B	Aluminum circular plate type flame arrester component.						3 lbs.
420B	Single bank, stainless steel rodding tube.						8 lbs. per ft.
F406-40B	Stainless steel circular plate type flame arrester component.						12 lbs.
425B	Double bank, stainless steel rodding tube.						10 lbs. per ft.