

Flush Type Fluid Gage

INSTRUCTIONS

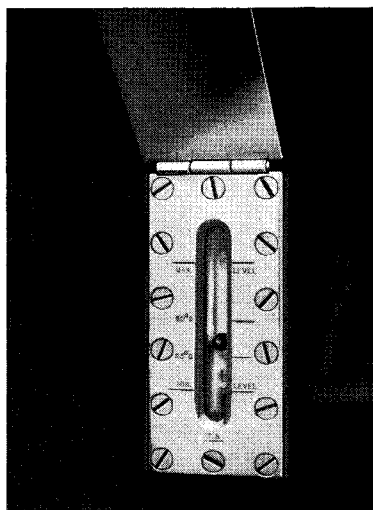


FIG. 1—FLUSH TYPE FLUID GAGE COVER RAISED

GENERAL

The Flush Type Fluid Gage is a flat gage which fits directly against the tank wall and the fluid level is shown in a vertical slot in the face of the gage. There is a small white reflector plate at the rear of the gage, and a small red cork float indicates the fluid level against the white background. The window covering the opening is made of "tempered" plate glass which has a high resistance to breakage. The window is seated in a recessed plate and is sealed in place with a $\frac{1}{8}$ " thick cork gasket. A graduated cover plate provides an indication as to the proper fluid level. The window is protected against breakage by a hinged cover which is held closed by a knurled captive bolt.

MAINTENANCE

"Tempered" glass is many times as strong as plate glass and is not apt to

break. In case the gage develops a leak, it will be necessary to replace the cork gaskets.

TO REPLACE WINDOW GASKETS

Drain the liquid from the chamber or tank to a point below the gage. Remove screws holding the cover plate and pry the plate free from the gasket. Take the glass window out of the recess, taking care not to strain it excessively. Scrape out the gasket recess and clean all gasket particles and cement from the window and cover plate. This may be done by scraping and then cleaning with denatured alcohol. Apply Cement S#1150-419, to all four sides of the new gaskets and to the recess and cover plate placing a small quantity of cement on the edge of the window. Allow cement to dry until tacky or for approximately 15 minutes and apply a second coat to all

surfaces. With the cork float in place reassemble the gage. Pull down evenly on all of the screws so that uniform pressure is exerted.

After filling the tank, check gage for possible leaks.

RENEWAL PARTS

There are three sizes of glass windows as follows:

| | |
|------------------------------------|-----------|
| $1\frac{1}{2} \times 6\frac{1}{2}$ | S#1104720 |
| $1\frac{1}{2} \times 5\frac{1}{8}$ | S#1104721 |
| $1\frac{1}{2} \times 3\frac{3}{4}$ | S#1104722 |
| $1\frac{1}{2} \times 3$ | S#1118173 |

Cement for Gaskets S#1150419

Gaskets: Order as "Gaskets for Flush Type Fluid Gage" giving serial number of transformer.

ORDERING INFORMATION

Parts should be ordered from the nearest Westinghouse Electric & Manufacturing Company office or from the Sharon, Pa., Works.

Westinghouse Electric & Manufacturing Company

Sharon, Pa.

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