



S-GA.309

DEPARTMENT OF TRADE AND COMMERCE  
STANDARDS BRANCH

OTTAWA, September 22, 1964.

TYPE APPROVAL

Superior Types "315" and "415" Aluminumcase  
Temperature Compensated Positive Displacement Gas Meters

The apparatus specified and illustrated herein has been duly approved by the Standards Branch under the provisions of the Gas Inspection Act, Chapter 129, R. S. 1952, and may be admitted to verification in Canada.

Apparatus Approved: Types "315" and "415" Aluminumcase Temperature Compensated Positive Displacement Gas meters, manufactured and distributed in Canada by Neptune Meters Limited, Toronto 14, Ontario.

Rating of apparatus:	Type "315"	Type "415"
Rated capacity	225 cu. ft./hr. (air)	325 cu. ft./hr. (air)
Differential pressure at rated capacity	0.5" water gauge	0.5" water gauge
Tangent to 2 cu. ft. test dial revolution ratio	14:1	14:1
Capacity per revolution	0.143 cu. ft.	0.143 cu. ft.
Working pressure	5 p.s.i.	5 p.s.i.
Base temperature	60°F	60°F
Compensating tangent activity	0.001625"/°F.	0.001625"/°F.
Connections (male, top)	1 1/4"	1 1/2"

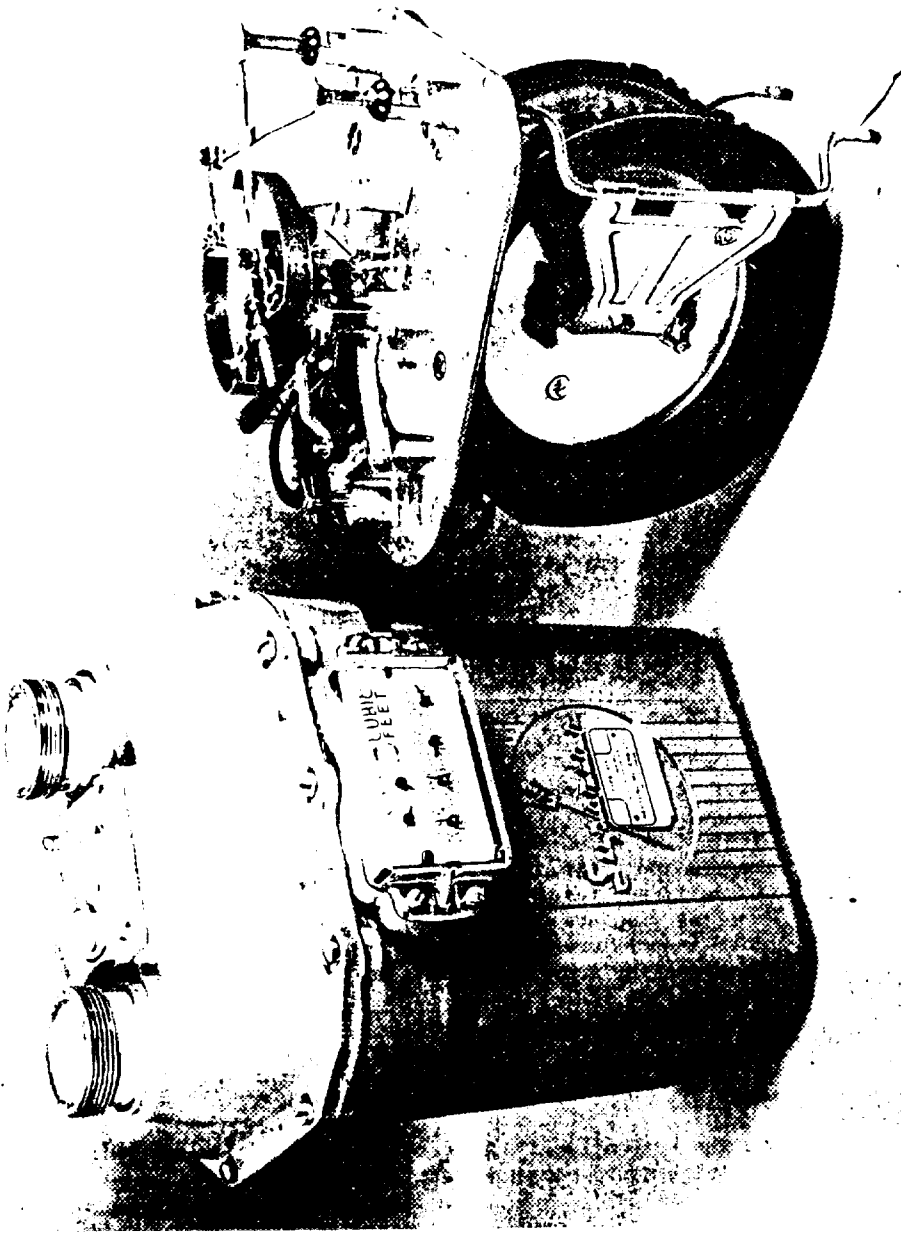
Description: These meters are similar in design to the non-compensated types "315" and "415", approved in the circular S-GA.142, (amended), dated July 31, 1952, except for the following:

- a) The conventional double adjustable tangent is replaced by a temperature compensating tangent.
- b) The register contains an adhesive label with the following inscription: "Temp. Comp. 60°F. Base".
- c) Only synthetic diaphragms shall be used.

For details of operation refer to the last paragraph of Approval Circular S-GA.245, dated October 19, 1962.



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Note: The illustration on the back of this circular shows the type 415 meter with incomplete temperature compensation information. The following is required:-

- (i) the index dial label shall read "Temp. Comp. 60°F Base".
- (ii) the nameplate shall include inscription "Temp. Comp. to 60°F Base".

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