

TRADE AND COMMERCE  
CANADA

STANDARDS BRANCH

S-GA.173

OTTAWA, November 18, 1959.

TYPE APPROVALROCKWELL TYPES #3,000 AND #10,000  
ALUMINUMCASE 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, Chap. 129, R.S. 1952, and may be admitted to verification in Canada.

Apparatus Approved: Types #3,000 and #10,000 Aluminumcase Positive Displacement Gas Meters, manufactured by the Rockwell Manufacturing Company, Pittsburgh, Pa., and distributed in Canada by its subsidiary, the Rockwell Manufacturing Company of Canada Limited, Guelph, Ontario.

Rating of Apparatus:	<u>#3,000</u>	<u>#10,000</u>
Badged Capacity (cu.ft./hr.-air) .....	1,100	3,300
Differential Pressure at badged capacity (inches water gauge) .....	0.5	0.5
Capacity per revolution (cu.ft.) .....	0.77	3.12
Working Pressure (p.s.i.) .....	100	100
Side Connections (female) .....	3"	4"

Application: Measurement in distribution service of manufactured, natural and petroleum gases, or mixtures thereof.

Description: Both meters are similar in appearance. The illustration shows meter Type #10,000. Type #3,000 has an intermediate gear of ratio 13:1 so that the minimum testing volume of 10 cu.ft. corresponds to 13 tangent revolutions. Type #10,000 with an intermediate gear of ratio 3.2:1 may be fitted with a register having either 100 cu.ft. or 10 cu.ft. proving dials. When the latter is being used, the minimum testing volume of 50 cu.ft. corresponds to 16 tangent revolutions. Except for the type of connections, both meters are similar in design to Type #750 previously approved.

*R. W. MacLean*  
R. W. MacLean,  
Director,  
Standards Branch.

*E. F. Power*  
E. F. Power,  
Assistant Director (E&G),  
Standards Branch.

Ref: A-847