

TRADE AND COMMERCE
CANADA

SD-GA.30

STANDARDS DIVISION

OTTAWA..... January 26, 1953.....

TYPE APPROVALROCKWELL EMCO TYPES "150" AND "175" GAS METERS

The apparatus specified and illustrated herein has been duly approved by the Standards Division under the provisions of the Gas Inspection Act, Chap.82, R.S.1927, as amended, and may be admitted to verification in Canada.

Apparatus Approved: Types "150" and "175" Rockwell Emco Domestic Gas Meters, manufactured by the Rockwell Manufacturing Company, Pittsburgh, Pa., and distributed in Canada by Peacock Brothers Limited, Montreal, P. Q.

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

Rating of Apparatus:	Type "150"	Type "175"
Badged Capacity	120 cu.ft./hr.(air)	140 cu.ft./hr.(air)
Differential Pressure at badged capacity	0.5" water gauge	0.4" water gauge
Capacity per revolution ...	0.0625 cubic foot	0.125 cubic foot
Connections	(Top) $\frac{1}{2}$ ", $\frac{3}{4}$ ", 1", $1\frac{1}{4}$ "	$\frac{1}{2}$ ", $\frac{3}{4}$ ", 1", $1\frac{1}{4}$ "
	(Side) $\frac{1}{2}$ ", $\frac{3}{4}$ " female threaded	-
Maximum Working Pressure ..	5 p.s.i.	*5 p.s.i.

*Note:- Approval covers the type "175" meter with a high pressure case provided the maximum working pressure, viz. 50 p.s.i., is shown on the nameplate and it is used with the standard register. The 10-lb. and 50-lb. compensating registers are NOT included in the approval.

Description: The Rockwell Emco Types "150" and "175" meters are modifications of the former types "60" and "0" respectively. (See Approval Circulars NRC-12 of Feb.5, 1947; SD-GA.1 of Jan.12, 1948; and SD-GA.7 of Jan.19, 1951.)

The modification consists of a new type valve assembly. It is link driven with side guided valves, as shown in the illustration of the test model which differs only slightly in the form of some parts from the production model. The guide channels have powdered metal bearing inserts; the valves are bakelite; the valve seats are white metal; and the valve links and guide screws are brass.

Conditions: The top-connected type "150" shall be fitted with a baffle or wire screen in the inlet port to prevent access to the working parts. On both types the nameplate shall show capacity (air), and capacity per revolution.

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