



TRADE AND COMMERCE
CANADA

STANDARDS BRANCH

OTTAWA January 11, 1962.

TYPE APPROVAL

PARKINSON COWAN (CANADA) LTD. TYPE B900
POSITIVE DISPLACEMENT GAS METER

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: Parkinson Cowan Type B900 Positive Displacement Gas Meter, manufactured by Parkinson Cowan (Canada) Limited, 830 Richmond Street, Chatham, Ontario.

Rating of Apparatus:

Badged Capacity	750 cu.ft./hr. (air)
Differential Pressure at badged capacity	0.5" water gauge
Capacity per revolution	0.335 cu.ft.
Maximum Working Pressure	30 p.s.i.
Connections (two-way)	1½" male

Application: Measurement in distribution service of heating gases.

Description: The meter of die-cast aluminum construction consists of three basic units: (1) reinforced meter case; (2) two diaphragm chambers pre-assembled in a single removable unit with bakelite valves, seats, and all operating mechanism; (3) meter case cover carrying two-way male connectors, top cover, intermediate gearing box and meter register.

The position of the inlet and outlet connections may be changed, thus providing a unique two-way feature which permits the meter to have either upright or side connections.

Three eccentrics, one at each valve link and one at the tangent crank, provide for valve timing adjustment. The diaphragm stroke is not adjustable but equivalent adjustment effect is secured by changing gears with different number of teeth in the intermediate gearing box. Both leather or synthetic diaphragms may be used.

E. F. Power

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Ref: A-60