



TRADE AND COMMERCE
CANADA

STANDARDS BRANCH

OTTAWA, April 20, 1960.

TYPE APPROVAL

HAGAN RING BALANCE, PRESSURE AND TEMPERATURE
COMPENSATED FLOWMETER, MODEL "3000" SERIES

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: Pressure and Temperature Compensated Recording Ring Balance Flowmeter, Models 3001, 3002, 3003 and 3004, manufactured by Hagan Chemicals and Controls, Inc., Pittsburgh, Penna., and distributed in Canada by Hagan Corporation (Canada) Limited, Montreal, Quebec.

Rating of Apparatus:

Differential Pressure the following rings with indicated pressure ratings:-

Ring Number	Full Scale Differential Pressure (inches w.g.)		Maximum Working Pressure (p.s.i.)
	Minimum	Maximum	
R-20	2.0	5.5, 6.5, 13.0*	50
R-21	4.0	7.0, 7.9, 15.4*	75
R-80	40	140	2,500
R-19	40	140	6,000
R-82	10	35	250
R-83	15	45	2,500
R-88	80	280	2,500
R-27	160	560	6,000

* Different maximum pressure ranges are obtained by using sealing fluid of different specific gravity referred to by the maker as RB-80, RB-90 and RB-176 for specific gravity 0.8, 0.9 and 1.76 respectively; other rings use RB-1360 which is mercury.

Rings R-88 and R-27 are multiple rings assemblies.

Static Pressure Range various ranges up to 3,000 p.s.i.

Temperature Range -50°F to +150°F

Application: Measurement in distribution services of heating gases.

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(Description)