



**NOTICE OF APPROVAL
AVIS D'APPROBATION**

S.WA-1029

Ottawa, May 26, 1978

PATRON - HIGH SPEED MOTOR VEHICLE FUEL DISPENSERS

MANUFACTURER: Patron Equipment Supply (1976) Limited
116 Forge Road S.E.
Calgary, Alberta

DEVICES APPROVED: High speed dispensers for motor vehicle fuels
(gasoline or diesel), models as follows:

Model P40: Single unit, built-in suction pump
Model PD40: Single unit, remote pump.

RATING: 12-60 gpm or 55-275 litre/min.

APPLICATION: Dispensing of gasoline and diesel fuel in retail and
wholesale trade, with deliveries restricted to 40 gallons or more.

DESCRIPTION: These dispensers are self-contained units with the customary
arrangement of main components.

The suction pump on model P40 is of Gorman Rupp manufacture, 1½" size, model 02D3x1½; it delivers to a WRD deaerator tank with Liquid Controls air release, followed by a Sarco Y strainer and a swing check valve, followed by the meter.

On model PD40 liquid enters the system through a non-return check valve then passes through a Neptune 1½" air eliminator and strainer unit which is connected to the meter.

Both models utilize a 1½" Neptune type 4 meter with Neptune model no. 431 or no. 433 register with impulser unit, followed by a venturi-activated by-pass sight glass and a quick-closing valve.

Model P40 is equipped with a 1½" delivery hose, 25 ft. long, with anti-drain nozzle. The length of delivery hose is optional on the model PD40.

These dispensers are equipped with the Petro-Vend Keegard self-serve keylock system.

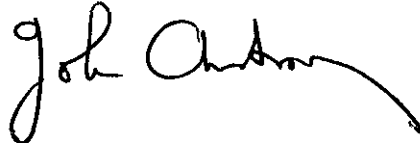
MARKING: There shall be installed on the dispenser, in a location easily visible to the customer, a metal or plastic plaque with the following legend in letters at least $\frac{1}{4}$ " high:

"Approved for delivery of 40 gallons or more."

TESTING: The standard tests for a bulk meter shall apply; where a dispenser for use on diesel is bench-tested, diesel or No. 2 fuel oil shall be used.

REFERENCES: G6953-P656
Letter of Approval, October 19, 1977.

CONDITIONS OF APPROVAL: Approval is granted under the Weights and Measures Act, S.C. 1970-71-72, Chapter 36, and the Weights and Measures Regulations P.C. 1974-1461 of June 27, 1974 for use in Canada under the general conditions of the said Regulations, and under any special conditions listed above.



John Armstrong
Chief, Weights and Measures
Legal Metrology Branch