



DEPARTMENT OF TRADE AND COMMERCE
STANDARDS BRANCH

Revised
B-WA, 595

OTTAWA, July 19, 1966.

APPROVED: BOWSER GASOLINE DISPENSERS, MODEL NO. 512-W, 512-WD1,
512-WD2, 512-WR, 512-WRD1, 512-WRD2, AND 512-W-B

These are a series 512-W computing type gasoline dispensers with suction and remote pumps, manufactured by S. F. Bowser Co. Limited, Hamilton, Ontario, as follows:

Model No.	Description
512-W	Suction pump, single-hose dispenser
512-WD1	Suction pump, two-hose dispenser
512-WD2	Two suction pumps, two-hose dispenser
512-WR	Single product, single-hose dispenser, remote pump
512-WRD1	Single product twin dispenser, remote pump
512-WRD2	Two-product twin dispenser, remote pumps
512-W-B	Suction pump, single-hose dispenser, the same as 512-W, except that the computer is offset to one side, and motor starting switch is separate as in the 512-WD2 rather than integral with the motor.

Rating of Apparatus: Maximum 12 gpm with 1/3 h.p. motor
Maximum 15 gpm with 1/2 h.p. motor

Application: Retail gasoline trade.

Description: The working components in these dispensers are the same as in the 48 and 51 series, approved in May, 1962, and on S-WA, 594. The housing is restyled and is T-shaped, as shown in the photograph. The motor switch is built into the motor housing, instead of being a micro-switch adjacent to the computer. The check valve (with pressure relief valve) is now on the motor outlet and its design has been simplified. The balls in the sight glass have been lightened to respond to flows of about 1 1/2 gpm.

Dispensers with remote pumps employ a two-stage mechanically-operated product supply valve which cannot be opened until the computer is reset.

Testing: The standard tests for a retail gasoline dispenser shall apply.

Reference: SL-102-782
SW-83-B16

Note: Approval is granted under the Weights and Measures Act, Chapter 292, and Regulations thereunder (P.C. 6894) for use in Canada under the general conditions of P.C. 6894, and under any special conditions listed above.

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