



CANADA

DEPARTMENT OF TRADE AND COMMERCE  
STANDARDS BRANCH

S.WA-498

OTTAWA, March 18, 1964.

APPROVAL LISTING

ASTRO UNIVERSEL GASOLINE DISPENSERS

Under the provisions of the Weights and Measures Act, Chapter 292, R.S.C. 1952, and Regulations thereunder (P.C. 6894), the apparatus specified and illustrated herein have been listed as approved devices and may be used in Canada in accordance with the conditions applicable.

**Apparatus Listed:** Gasoline dispensers rebuilt under the direction of Astro Limited, 96 Carlaw Avenue, Toronto, Ont. The dispensers will use the following new model numbers:

10BT - using components from Bennett dispensers models 541, 646  
20BR - using components from Bowser dispensers models 565, 575,  
577, 577TV  
30GB - using components from Gilbert & Barker dispensers model 296  
40W - using components from Wayne dispensers model 70  
50T - using components from Tokheim dispensers models 39, 300

Lighted models are indicated by the suffix "L". They are 6 inches higher, and the computer compartment housing is different from that on unlighted models.

Astro Limited has appointed agents in various cities to carry out the rebuilding program. See attached sheet for details of shops and serial number allocations.

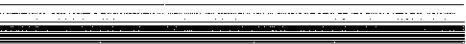
**Rating of Apparatus:** Maximum delivery rate 12 G.P.M.

**Application:** Retail Gasoline Trade.

**Conditions:** As prescribed in P.C. 6894.

**Description:** This approval covers gasoline dispensers rebuilt to standard designs by Astro Universel and by shops appointed by them. In general, components will be taken from pumps not older than 1946, and these will be thoroughly overhauled, to perform substantially as well as new components, and mounted in new housings supplied by Astro Limited. The same standard design is in effect under Astro Universel direct or any of their agents.

Astro Universel will distribute photographs and drawings of approved models to their agents, to ensure uniformity in assembly.



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## Description: (cont'd)

The Inspector should in all cases compare the dispensers submitted with the photograph and drawing of the approved prototype.

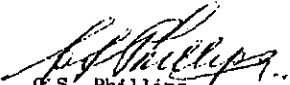
The first several hundred of these rebuilt dispensers used a register-pump interlock which was tripped by the weight of the hose when the nozzle was returned to the boot. This did not prove very reliable, because if not properly adjusted, the nozzle can be returned to the boot without engaging the interlock. This interlock should be tested carefully on all dispensers already installed at service stations.


Later production incorporates a positive acting handle type mechanism, which must be turned to clear the boot before the nozzle can be hung up. This type must replace all original interlocks which cannot be adjusted to operate properly.

The original style of interlock is shown on the photograph in this circular.

## Testing:

The standard tests for a gasoline dispenser shall apply.

  
G.S. Phillips,  
Chief, Weights and Measures Division,  
Standards Branch.

  
R. W. MacLean,  
Director,  
Standards Branch.

Reference: A-676A



## SERIAL NUMBER ALLOTMENT

Astro Universel Model No.	10BT	20BR	300B	40W	50T
Garage Equipment & Repairs Co., 96 Carlaw Avenue, Toronto.	1001-1799	3001-3799	5001-5799	7001-7799	9000-9399
Ottawa Valley Pump Service, McFarlane Side Road, Box 1101, R.R. #2, Ottawa, Ont.	1800-1999	3800-3999	5800-5999	7800-7999	9400-9499
Nielsen's Maintenance Ltd. 1 Hiscott Street, St. Catharines, Ont.	2000-2199	4000-4199	6000-6199	8000-8199	9500-9599
J. H. Rudd, 379 Hairn Avenue, Winnipeg 5, Manitoba	2200-2399	4200-4399	6200-6399	8200-8300	9600-9699
D. W. Johnston P.O. Box 402, Regina, Saskatchewan	2400-2599	4400-4599	6400-6599	8400-8599	9700-9799
Scott Pump Service 8407 Argyle Road, Edmonton, Alberta.	2600-2799	4600-4799	6600-6799	8600-8799	9800-9899
Western Oil Services Ltd. 3469 Main Street, Vancouver, B. C.	2800-2999	4800-4999	6800-6999	8800-8999	9900-9999



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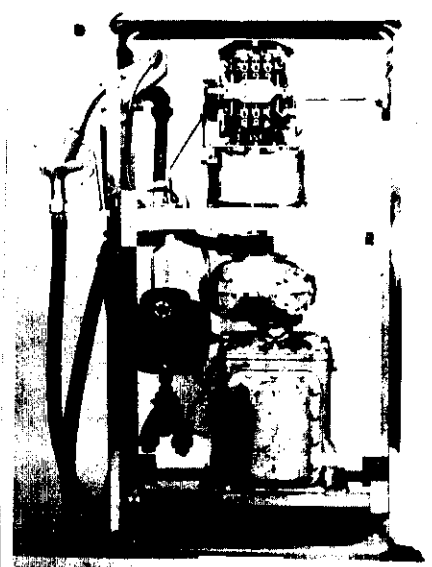
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ASTRO UNIVERSEL GASOLINE DISPENSERS

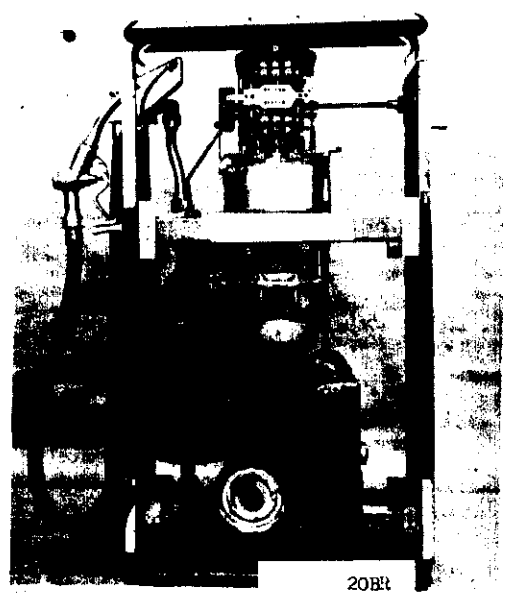
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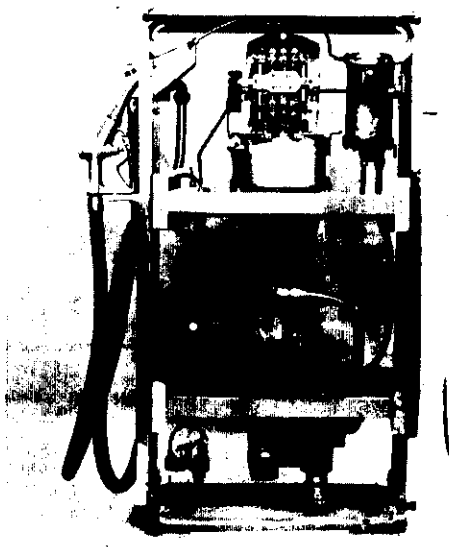
cabinet



10B



20B



30B



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