

# Liquid Dispensers

# Series 740, 770



Model Shown: 74004204B-ALV

## SPECIFICATIONS

**Ambient/Media Temperature:**

40° to 125°F (4° to 52°C).

**Inlet Pressure:** 60 to 120 psig (4 to 8 bar).

**On/Off Control:** Manual.

**Servo-Meter Body:** Brass Body; optional Aluminum and Nickel plated brass; zinc end plates.

**Servo-Meter Seals:**  
Nitrile on air end; viton on oil end.

The Series 740 liquid dispenser employs Servo-Meters to send precise amounts of liquid through nozzles). It is primarily used where liquid without entrained air is wanted, and a precisely controlled jet is not required. Up to 10 Servo-Meters can be used in a single assembly. A pressure of at least 60 psig (4 bar) is required for actuation.

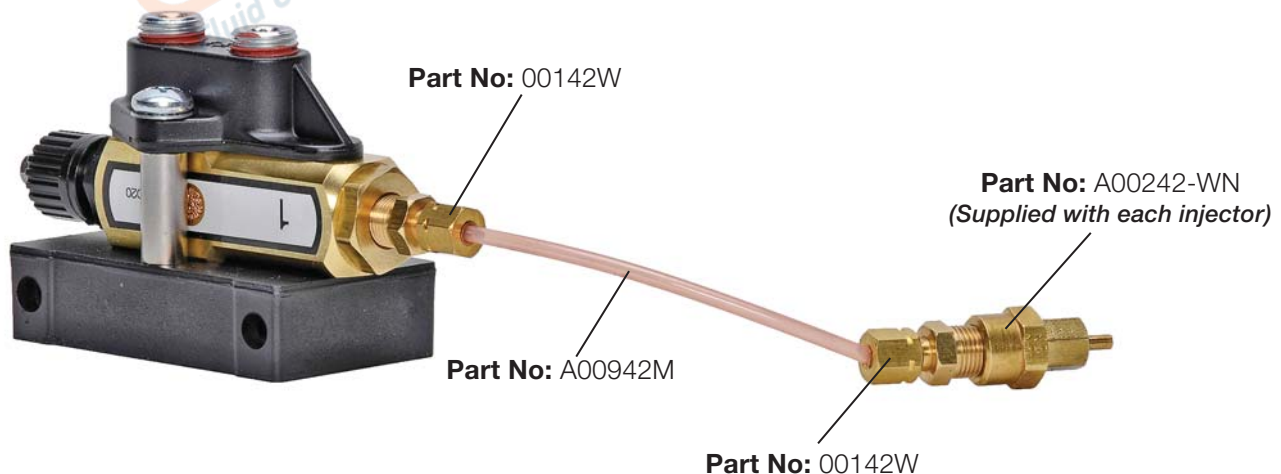
1/8-Inch O.D. nylon tubing carries the oil from a Servo-Meter to a nozzle [5/64" (2-mm) orifice] located near the delivery point.

**Install a liquid-only dispenser so that the Servo-Meters are vertical and the outlets are at the top.** This helps to eliminate air from the system. The nozzles need to be secured in place with a clamp or similar means.

Series 740 factory assemblies employ two mounting holes. When a very rigid mounting is needed, order Series 770 which employs heavy-duty mounting plates with four mounting holes.

Liquid dispenser assemblies can be ordered, or they can be assembled by the user employing the Servo-Meter and Assembly/Mounting Kits shown on the facing page.

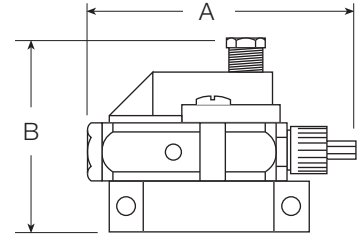
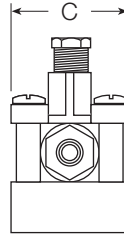
*Master Pneumatic recommends that you order factory-assembled dispensers. The cost is economical, your installation time is greatly reduced, and you are assured of reliable performance because both the components and the assemblies will have been factory-tested.*



**DIMENSIONS** inches (mm)

A	B †	C
3.9 (99)	2.5 (64)	1.8 (46)

† Add 0.9 (23) for each additional Servo-Meter.

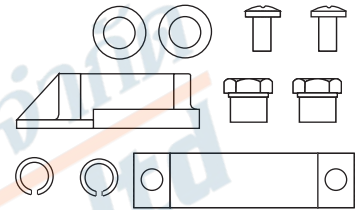


**LIQUID DISPENSER ASSEMBLY KITS**

Mounting/Assembly Kit

KA474-10

Mounting/Assembly Kit



**ORDERING INFORMATION**

Change the letters in the sample model number below to specify the Liquid Dispenser you want.

**740 01 05 4 B - Y L V W**

**LIQUID EJECTOR SERIES**

- Assembly with standard mount .....740
- Assembly with heavy-duty mount.....770

**NUMBER OF SERVO-METERS**

Specify by numerals from 01 to 10

**SERVO-METER RATING**

- Half drop .....05
- One drop .....10
- Two drops .....20

**SERVO-METER HOUSING MATERIAL**

- Brass housing .....B
- Aluminum housing .....A
- Nickel plated brass housing, ..N clamp and mounting plate.

**PORT TYPE**

- NPTF threads ..... Leave Blank
- BSPF threads ..... W

**OPTION**

- Oil end seals for Servo-Meter
- Viton ..... V
- EPR ..... Leave Blank
- (Also add E option located under **OPTIONS**).

**OPTIONS** (More than one option can be chosen. Add in alphabetical order)

- None ..... Leave Blank
- Servo-Meter shutoff ..... A
- Non-shutoff ..... Leave Blank
- Pulse counters
- One ..... C
- Two ..... CC
- Oil End Seals for Servo-Meter
- EPR ..... E
- Frequency controller ..... F
- and one pulse counter
- Frequency controller only ..... F1



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