

OPERATOR'S MANUAL

ALSO INCLUDE MANUAL: 635154 METER MANUAL W/MODELS 612913-2 & -4 ONLY

612912

612913-X

RELEASED: 10-15-87
REVISED: 5-25-10
Rev. 02 IPP/PSE

612912 DISPENSING VALVE

SEE BACK OF THIS SHEET FOR PARTS LIST

(Models without Meter)

612913-1 KIT:

612912 Valve &
Accessory Fittings

612913-3 ASS'Y:

612913-1 Kit
612043 Pump

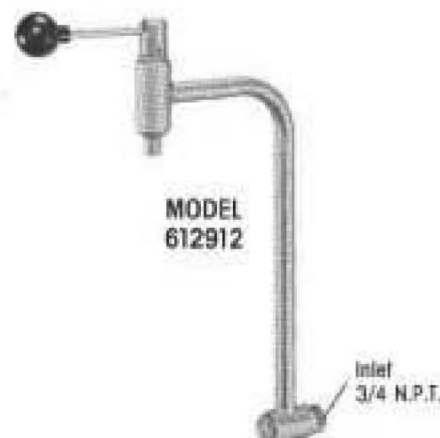
(Models with Meter)

612913-2 KIT:

612912 Valve &
Accessory Fittings

612913-4 ASS'Y:

612913-2 Kit
612043 Pump



Assemble the components as indicated in the photographs below using **PTFE** tape to insure sealing of fluid connections.



612913-1 KIT

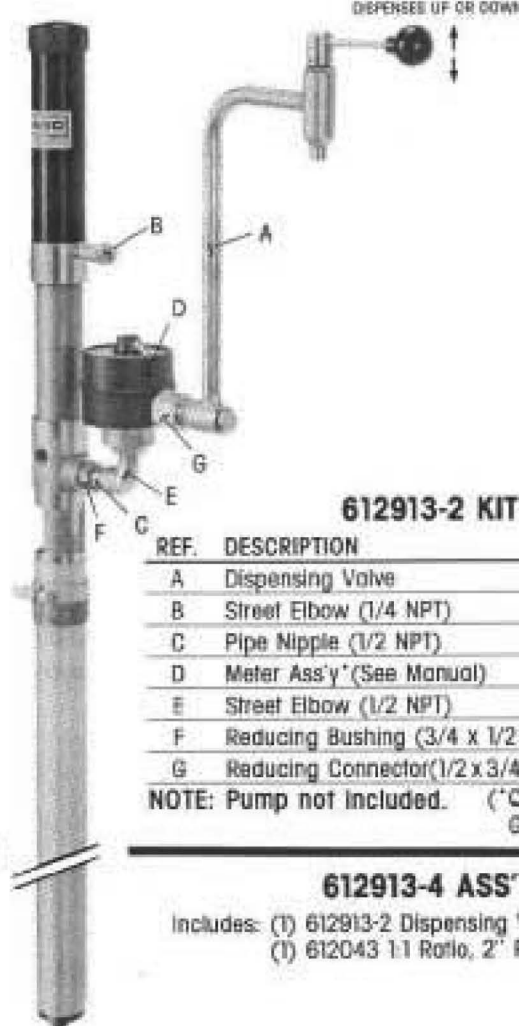
REF.	DESCRIPTION	PART NO.
A	Dispensing Valve	612912
B	Street Elbow (1/4 NPT)	Y43-2-C

NOTE: (B) Elbow is used to direct air inlet to the pump from the side.

NOTE: Pump not included.

612913-3 ASS'Y

Includes: (1) 612913-1 Dispensing Valve Kit
(1) 612043 1:1 Ratio, 2" Pump
(1) 127122-000 Regulator
(1) 1950 Nipple
(1) 29850 Gauge



612913-2 KIT

REF.	DESCRIPTION	PART NO.
A	Dispensing Valve	612912
B	Street Elbow (1/4 NPT)	Y43-2-C
C	Pipe Nipple (1/2 NPT)	Y27-54-C
D	Meter Ass'y (See Manual)	635154
E	Street Elbow (1/2 NPT)	Y43-4-C
F	Reducing Bushing (3/4 x 1/2 NPT)	Y45-9-C
G	Reducing Connector (1/2 x 3/4 NPT)	Y167-4

NOTE: Pump not included. (*Qts. totalizing in Gals.)

612913-4 ASS'Y

Includes: (1) 612913-2 Dispensing Valve Kit
(1) 612043 1:1 Ratio, 2" Pump

GENERAL DESCRIPTION

The ARO® Model 612912 Dispensing Valve provides a clean and convenient method of dispensing bulk petroleum, petroleum-based products and other similar viscosity flowable materials into small dispensing containers when pumped from drums, barrels, or skid tanks.

Models 612913-1, -2 are kit models offered without pumps.
Models 612913-3, -4 are complete pump units including a 612043 2" differential, carbon steel, 1:1 ratio, transfer pump.

The valve handle may be swung around 360° and may be actuated up or down to open the valve.

NOTE: Apply thread sealant to 3/4 NPT stem (11). Loosen jam nut (14) and tighten stem into pump outlet using 1 1/8" wrench. Position valve in an upright position and tighten jam nut with a 7/8" wrench. The swivel on this unit will allow tightening of the 3/4" pipe connection and still allow an upright position of the valve.

INSTALLATION & OPERATION

An air regulator is recommended on the pump. Hold the valve open with the regulator closed and then open the regulator to adjust incoming air pressure until the desired flow rate is obtained. Usually 30 to 50 P.S.I. is adequate for sufficient flow without splashing.

612912

REF.	DESCRIPTION (SIZE IN INCHES)	PART NO.
1	Tube Assembly	N/A
2	Cap & Stem Assembly	N/A
3	Stem Guide Assembly	N/A
4	"O" Ring (9/16 O.D.)	Y325-110
5	Spring	N/A
6	Valve Seal	N/A
7	"O" Ring (1/2 O.D.)	Y325-012

REF.	DESCRIPTION (SIZE IN INCHES)	PART NO.
8	"O" Ring (1 1/16 O.D.)	Y327-118
9	Handle	N/A
10	Knob	N/A
11	Swivel Stem	N/A
12	"O" Ring (3/4 O.D.)	Y325-016
13	"O" Ring (9/16 O.D.)	Y325-013
14	Jam Nut (9/16-18)	N/A

