

LIQUIDYNAMICS

Manual Oil Dispensers

Models 24128 and 24128MQ

Instruction & Parts Manual



Model 24128
6 gallon
Oil Dispenser



Model 24128MQ
6 gallon
Oil Dispenser
with Meter

! WARNING

These dispensers are not for use with flammable, explosive or corrosive products such as gasoline, diesel fuel or chemicals.

WARNING

This symbol indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

Introduction:

Models 24128 and 24128MQ Manual Oil Dispensers will provide years of reliable operation. These Oil Dispensers are designed for easy and convenient transfer of engine oils, gear oils, transmission fluids, hydraulic oils and antifreeze.

WARNING

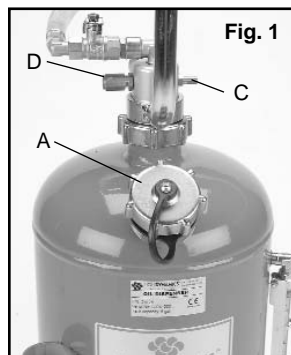
Do not use these dispensers with flammable, explosive or corrosive products such as Gasoline, Diesel Fuel or Chemicals. Do not do any welding on the reservoir.

Assembly:

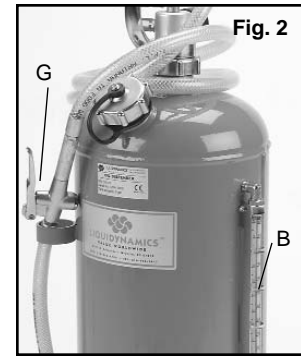
- Models 24128 and 24128MQ dispensers are shipped completely assembled and ready for use.
- Model 24128MQ is provided with an electronic digital meter calibrated for quarts. Please refer to the meter owner's manual provided for instructions to change the units of measure to pints, gallons or liters.

Filling of Tank:

- Before removing Fill Cap 'A' Discharge any pressure inside tank per instructions in next step.
- Discharge any residual pressure inside tank by pressing and holding the stem of the Schrader valve 'C' (fig. 1) until all air is relieved prior to removing fill cap in next step.
- Fill the reservoir with fluid by removing fill cap 'A' (fig. 1), and filling to maximum level as indicated on sight gauge 'B' (fig. 2), approximately 5 gallons. This leaves space for introduction of a blanket of air for discharging the fluid.
- Reservoir fluid level may be observed via sight gauge 'B' (fig.2).
- Replace fill cap 'A' (fig. 1) and tighten finger tight.

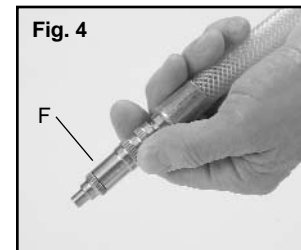
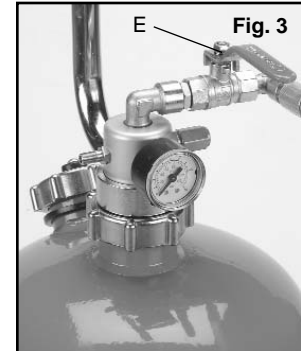


- Check to be sure shutoff valve 'E' (fig. 3) is in the closed position as shown in fig. 3 and manual tip 'F', (fig. 4) is closed (fully counterclockwise).
- Pressurize tank via Schrader valve 'C' (fig. 1) to a minimum of 50 PSI and a maximum of 100 PSI using a normal air chuck used to pressurize automobile tires. NOTE: safety relief valve 'D' (fig. 1) will relieve at 145 PSI.



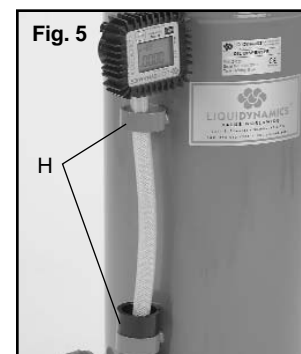
Oil Dispensing:

- Prior to operation, check all parts subject to wear and tear for damage, paying particular attention to the discharge hose.
- Open shutoff valve 'E' (fig. 3) and open manual shutoff tip 'F' (fig.4) by turning clockwise approximately 3 or 4 turns. Note: manual tip will be removed after approximately 8 turns.
- Oil may now be dispensed by operating the trigger valve 'G' (fig.2) while placing the discharge tip 'F' (fig. 4) into a suitable container.
- Oil flow may be stopped by releasing trigger valve 'G' (fig. 2). If no additional oil is to be dispensed at this time it is advisable to close the manual tip 'F' (fig. 4) by turning counter clockwise until secure. This will prevent the tip from leaking.
- Close shutoff valve 'E' (fig.3).
- Store discharge valve and tip in ring and cup holder 'H' (fig. 5) provided.



Meter Operation, Model 24128MQ:

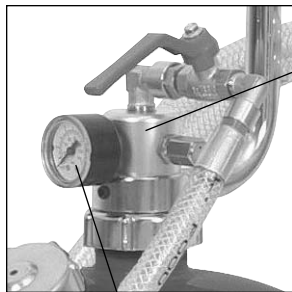
See separate instruction sheet provided for meter operation



Exploded Parts Items:

1	P/N S3151	Handle, carry w/ rubber grip
2	P/N S3152	Set screw, carry handle
3	P/N S3160	Cap
4	P/N S3154	Gasket, drain cap
5	P/N S3155	Wheel retainer, 'C' clip
6	P/N S3156	Wheel, fixed
7	P/N S3244	Fitting, elbow, sight tube
8	P/N S3157	Sight tube, 6 gallon
9	P/N S3239	Screw, sight tube guard
10	P/N S3240	Nut, sight tube guard
11	P/N S3158	Guard, sight tube
12	P/N S3159	Tank, 6 gallon
13	P/N S3161	Drip Cup
14	P/N S100101	In-line meter
15	P/N S3349	Discharge valve assembly (includes 15a, 15b and 15c)
15a	P/N S3349a	Discharge valve only
15b	P/N S3349b	12" Discharge hose w/ shut-off tip
15c	P/N S3349c	6' Discharge hose (hose only)
16	P/N S3350	Pressure gauge
17	P/N S3351	Shut-off valve
20	P/N K4431	Discharge assembly kit, includes suction tube, pressurization head, gauge and discharge valve

Model 24128

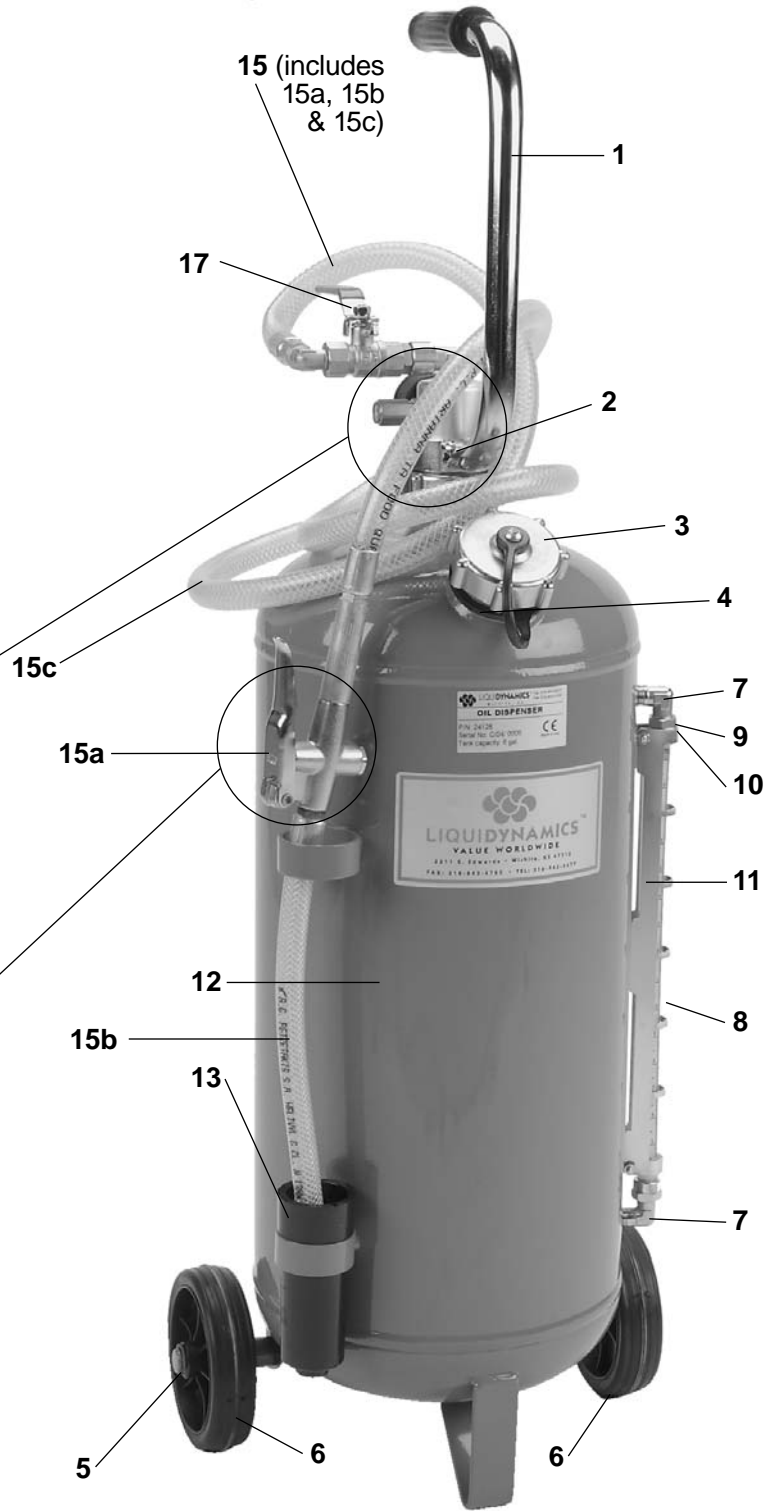


16



14

Model 24128MQ only



15c

15a

15b

12

13

5

6

6

Specifications:

Model Number	24128	24128MQ
Tank Capacity	6 Gallons	6 Gallons
Useable Volume	5 Gallons	5 Gallons
Height (overall)	37"	37"
Discharge Hose Length	6'	6'
Max. Pressure	100 PSI	100 PSI
Safety Relief	145 PSI	145 PSI
Weight (empty)	29 lb	30 lb
Shipping Weight	32 lb	33 lb



LIQUIDYNAMICS™
VALUE WORLDWIDE

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