



L28D Service Parts and Maintenance

MASTER PNEUMATIC - DETROIT, INC.

6701 -18 Mile Rd. | Sterling Heights, MI 48314 | Phone: (586) 254-1000 | Fax: (586) 254-6055 | Email: mp@masterpneumatic.com

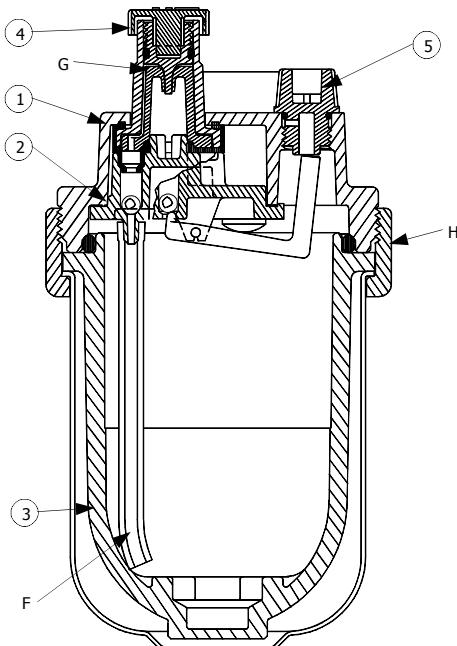
JM 11-27-01
(ECN 3442)
OLD A435

Replacement Parts & Kits

THANK YOU!

You have just purchased a quality Lubricator from Master Pneumatic.

With care in it's installation and maintenance, you can expect it to have a long and economical service life. Before you go any further, please take a few minutes to look over this information, then save it for future reference and for the useful service information it contains.



KEY	DESCRIPTION	L28D-2	L28D-3	L28D-4	L28D-6
1	Head	28-01-1/4M	28-01-3/8M	28-01-1/2M	28-01-3/4M
2	Cartridge Assembly	A28-52	A28-52	A28-52	A28-52
3	Plastic Bowl Assembly	AL103-6LDC	AL103-6LDC	AL103-6LDC	AL103-6LDC
4	Adjusting Knob	28-54	28-54	28-54	28-54
5	Filler Plug Assembly	A28-53	A28-53	A28-53	A28-53

KEY	DESCRIPTION	LD28D-2	LD28D-3	LD28D-4	LD28D-6
1	Head	28-01-1/4M	28-01-3/8M	28-01-1/2M	28-01-3/4M
2	Cartridge Assembly	A28-52	A28-52	A28-52	A28-52
3	Manual Drain Plastic Bowl Assembly	AL103-6M	AL103-6M	AL103-6M	AL103-6M
4	Adjusting Knob	28-54	28-54	28-54	28-54
5	Filler Plug Assembly	A28-53	A28-53	A28-53	A28-53

Installation Procedures

INSTALLATION:

Install the lubricator as near as possible to the device it is to serve. To insure a prompt feeding of the lubricated device, it is recommended that the lubricator be installed parallel to the device being lubricated. Multiple lubrication points from a single lubricator are not recommended.

In-line type lubricators work by creating a pressure differential between the reservoir and the main air stream, which causes oil to flow up the feed tube "F" through the sight dome "G", into the air stream. The sight dome divides the oil into drops and is used to monitor the oil feed rate (drops/min etc.). The oil feed rate is controlled by adjusting the knob #4. Turn clockwise for less, counterclockwise to increase the rate. All oil passing through the sight dome is dispensed into the air stream. Remove adjusting knob #4 to make tamper-resistant.

MAINTENANCE:

To clean or service, shut off air pressure and disassemble. Remove bowl ring "H" by turning counterclockwise.

To fill under pressure use q-cap. Do not remove bowl when unit or system is pressurized. Fill the bowl with light spindle oil 80-120 ssu at 100°F. Do not use compound oils containing graphite's, soap fillers etc.

SEE POLYCARBONATE WARNING SHEET FOR BOWL CARE.



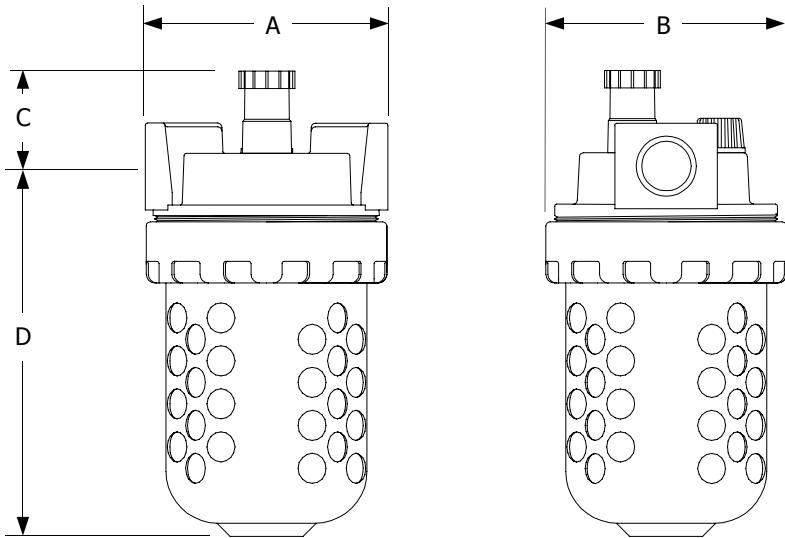
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Dimensional Specifications



KEY	L28D-2	L28D-3	L28D-4	L28D-6
A	3 1/2 (8.89)	3 1/2 (8.89)	3 1/2 (8.89)	3 1/2 (8.89)
B	3 1/2 (8.89)	3 1/2 (8.89)	3 1/2 (8.89)	3 1/2 (8.89)
C	1 1/4 (3.20)	1 1/4 (3.20)	1 1/4 (3.20)	1 1/4 (3.20)
D	5 3/8 (13.7)	5 3/8 (13.7)	5 3/8 (13.7)	5 3/8 (13.7)

General Specifications

WORKING PRESSURE MAX

TRANSPARENT BOWL

150 PSI @ 125°F
(10.3 BAR @ 51.7°C)

METAL BOWL

200 PSI @ 175°F
(13.8 BAR @ 79°C)

BOWL CAPACITY: 8oz. (236 ml) STANDARD

PREFIX OPTION

B METAL BOWL

D MANUAL DRAIN (CHANGE PREFIX FROM L TO LD)

H 20 oz. CAPACITY BOWL

SUFFIX OPTION

Q QUICK FILL (A204-8BH)

W BSP BRITISH (WHITWORTH) THREADS

SIZE	AIR FLOW SCFM (LITER/SEC.) MINIMUM	AIR FLOW SCFM (LITER/SEC.) MAXIMUM	WEIGHT
1/4"		35 (16.5)	
3/8"	2 (0.94)	70 (33)	33 oz.
1/2"		120 (56.6)	0.94 kg
3/4"		140 (66.1)	