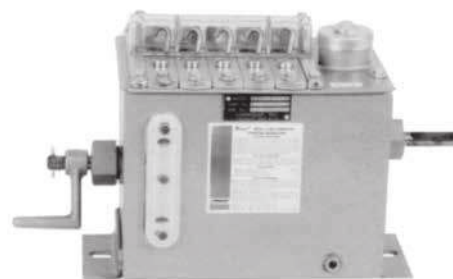


# Compressor Lubrication

## Manzel® Model 25 Lubricator

### Features and Benefits

- General-Purpose Lubrication: automatic, precision metering for all types of machinery
- Type Pumping Unit: Clear-Vue. sight feed chamber functions at atmospheric pressure. Shows amount of lubricant being pumped
- Unitized Construction: Contains complete feed regulating mechanism with inlet strainer
- Number of Feeds: 1 to 20 per lubricator, standard
- Available drives: Direct rotary (1:1), ratchet, 37.5:1 and 75:1 internal gear reductions
- Reservoirs: Single compartment, sheet metal construction
- Feed regulator: External screw-type precisely adjustable while idle or in operation
- Removable Pumping Unit: Self contained. All units interchangeable—remove two pump screws and lift out
- Hand Crank: Standard. Convenient for rapid priming of lines before start-up or for momentarily increasing supply of lubricant. Does not affect adjustment or individual pumping units. Direct replacement for Kipp Model 50 Box Lubricators



562949

### Typical Applications

- Provide lubrication to cylinder walls, bearings and other moving parts of equipment such as sugar mills, steam engines, presses and general machinery

### Typical Fluids Handled

- Mineral oil base or synthetics

### Technical Specifications

Piston Size inches (mm)	Max Pressure psi (bar)	Drops Per Stroke		Cubic Inches Per Stroke		Cubic cm Per Stroke		Strokes Per Minute	
		Min.	Max	Min.	Max	Min.	Max	Min.	Max
3/16 (4.8)	1,000 (69)	1/6	6	.0003	.0122	.008	.399	3	490
5/16 (7.9)	1,000 (69)	1/4	12	.0005	.0245	.005	.199	3	490

### Ordering Information

Model 25 Pumps	
562949	3/16 inch (4.8 mm) diameter pump
562950	5/16 inch (7.9 mm) diameter pump
564317	Ratchet arm assembly
562988	Replacement handle
563939	Low level, fits into a pump slot

Feeds	Sight Glass	Gasket
1	556687	556721
2	556688	556722
3	556689	555741
4	556690	556723
5	556691	555742
6	556692	556724
7	556693	555743
8	556694	556725

Compressor Lubrication

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## Manzel® Model 25 Box Lubricator Configurator

### Ordering Information

MA - X - X - X - X

#### Reservoir

##### Code Former Codes and Descriptions

- A R1 - 6.25 pt, 4 pump stations max
- B R2 - 9.25 pt, 8 pump stations max
- C R3 - 13 pt, 12 pump stations max
- D R4 - 16 pt, 16 pump stations max
- E R5 - 19.75 pt, 20 pump stations max

**NOTE : Unused pump stations covered with blanking plate(s)**

#### Pump Size

##### Code Former Codes and Descriptions

- A P-1 - 3/16 inch (4.8 mm) Diameter Plunger, 1,000 psi (68.9 bar) max Operating Pressure
- B P-2 - 5/16 inch (7.9 mm) Diameter Plunger, 1,000 psi (68.9 bar) max Operating Pressure

#### Pump Quantity

Code	Qty	Code	Qty	Code	Qty	Code	Qty
A	0	G	6	N	12	V	18
B	1	H	7	P	13	W	19
C	2	J	8	R	14	X	20
D	3	K	9	S	15		
E	4	L	10	T	16		
F	5	M	11	U	17		

#### Drive Options

##### Code Former Codes and Descriptions

- A D1R - Direct Rotary Right Hand Mount
- B D2R - Standard Ratchet (w/out drive arm) - Right Hand Mount
- C D3R - 37.5:1 Ratio - Right Hand Mount
- D D4R - 75:1 Ratio - Right Hand Mount
- E D1L - Direct Rotary Left Hand Mount
- F D2L - Standard Ratchet (w/out drive arm) - Left Hand Mount
- G D3L - 37.5:1 Ratio - Left Hand Mount
- H D4L - 75:1 Ratio - Left Hand Mount

# Compressor Lubrication

## Manzel® Model 25 Box Lubricators

### Ordering Information

MAA - Up to 4 pumps	
MAAACB	R1-P1-2-D2R-LO
MAAADB	R1-P1-3-D2R-LO
MAAAEB	R1-P1-4-D2R-LO
MAAAEC	R1-P1-4-D3R-LO
MAABBB	R1-P2-1-D2R-LO
MAABBC	R1-P2-1-D3R-LO
MAABBF	R1-P2-1-D2L-LO
MAABBG	R1-P2-1-D3L-LO
MAABDB	R1-P2-3-D2R-LO
MAABDC	R1-P2-3-D3R-LO
MAABEB	R1-P2-4-D2R-LO
MAABEF	R1-P2-4-D2L-LO
MAB - Up to 8 pumps	
MABAAB	R2-P1-0-D2R-LO
MABACH	R2-P1-2-D4L-LO
MABAFC	R2-P1-5-D3R-LO
MABAFG	R2-P1-5-D3L-LO
MABAHC	R2-P1-7-D3R-LO
MABAHG	R2-P1-7-D3L-LO
MABAJA	R2-P1-8-D1R-LO
MABBAC	R2-P2-0-D3R-LO
MABBCC	R2-P2-2-D3L-LO
MABBEC	R2-P2-4-D3R-LO
MABBEE	R2-P2-4-D1L-LO
MABBFF	R2-P2-5-D2L-LO
MABBFG	R2-P2-5-D3L-LO
MABBGA	R2-P2-6-D1R-LO
MABBGB	R2-P2-6-D2R-LO
MABBGC	R2-P2-6-D3R-LO
MABBGF	R2-P2-6-D2L-LO
MABBHC	R2-P2-7-D3R-LO
MABBHG	R2-P2-7-D3L-LO

MAC - Up to 12 pumps	
MACAAA	R3-P1-0-D1R-LO
MACAEH	R3-P1-4-D4L-LO
MACAGH	R3-P1-6-D4L-LO
MACAHF	R3-P1-7-D2L-LO
MACAKE	R3-P1-9-D1L-LO
MACALC	R3-P1-10-D3R-LO
MACANB	R3-P1-12-D2R-LO
MACBJB	R3-P2-8-D2R-LO
MACBKA	R3-P2-9-D1R-LO
MACBLC	R3-P2-10-D3R-LO
MACBLG	R3-P2-10-D3L-LO
MAD - Up to 16 pumps	
MADBCC	R4-P2-2-D3R-LO
MADBLH	R4-P2-10-D4L-LO
MADBSG	R4-P2-15-D3L-LO
MAE - Up to 20 pumps	
MAEAAB	R5-P1-0-D2R-LO
MAEBGE	R5-P2-6-D1L-LO