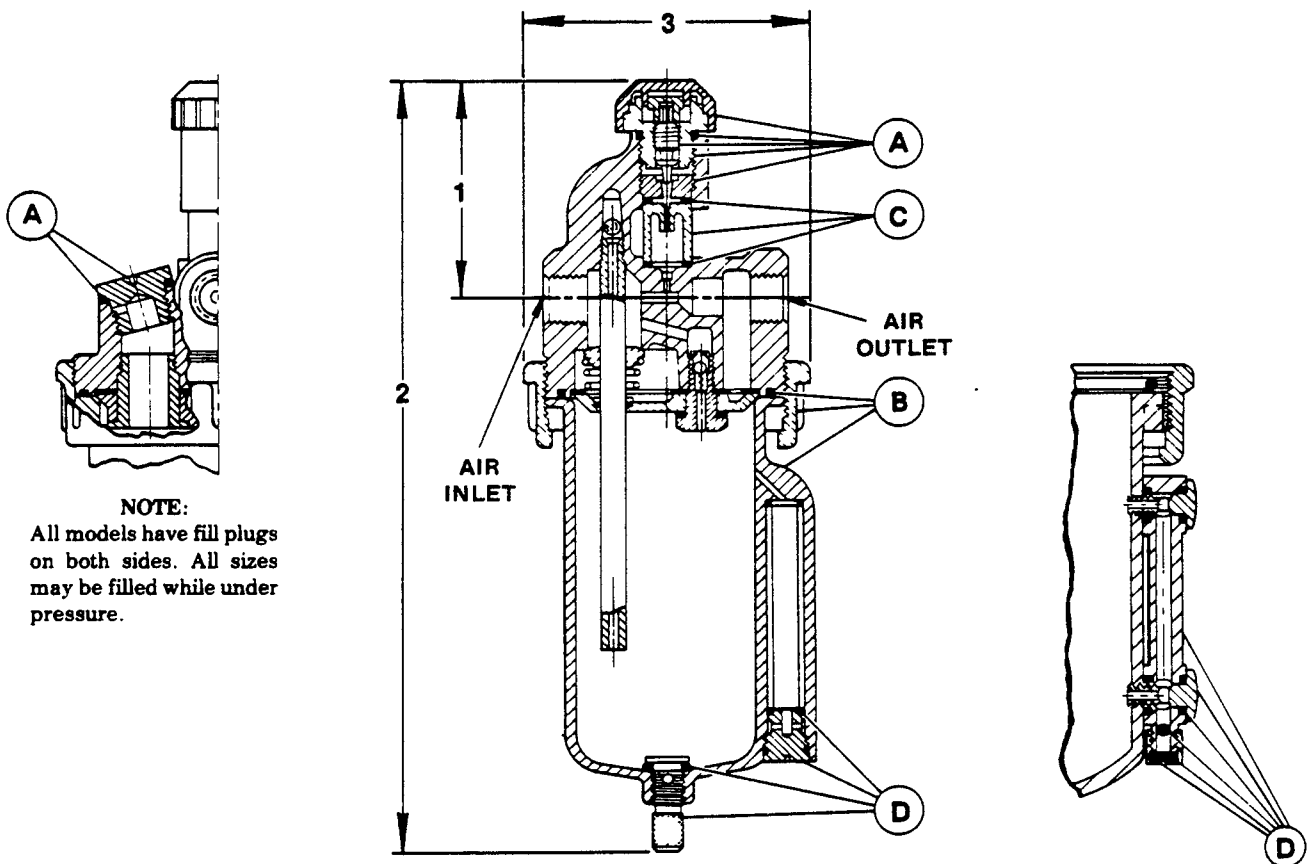


Code	Description	600204 600206	600208	600212 600216
A	Needle Valve Kit	600204-156	600204-156	600204-156
B	Bowl Kit	69047	69048	*69049
C	Sight Glass Kit	600204-157	600204-157	600204-157
**D	Metal Bowl Sight Glass Kit	69047-4	69048-4	69049-3

* Does not include flange ring.
** Included in bowl kit.



NOTE:
All models have fill plugs on both sides. All sizes may be filled while under pressure.

Sight Glass for
Models 600204 & 600206

Model	Thread Size	1	2	3 (Dia.)
600204	1/4" NPTF	2"	7-5/8"	2-15/16"
600206	3/8" NPTF	2"	7-5/8"	2-15/16"
600208	1/2" NPTF	2-3/8"	8-1/2"	3-3/4"
600212	3/4" NPTF	2-5/8"	10-1/2"	4-7/8"
600216	1" NPTF	2-5/8"	10-1/2"	4-7/8"

SPECIFICATIONS

MAXIMUM PRESSURE: 250 psi

MAXIMUM TEMPERATURE: 150° F

PIPING - Before installing lubricator, blow out pipe line to remove scale and other foreign matter. Lubricator threads are dryseal not normally requiring pipe compound, however, if desired, apply sparingly and to male threads only. Install lubricator with bowl vertical in pipe line so that air will flow in direction indicated on lubricator body. Install as near as possible to equipment to be lubricated. To assure trouble-free performance a filter should be installed upstream of the lubricator.

LUBRICANT - For average conditions, the use of a high quality SAE No. 10 (S.U.V. 150-200 SEC @100° F.) oil is recommended. Other lubricating oils as specified by the maker of the equipment to be lubricated may be used if not heavier than SAE No.40 (S.U.V. 800 SEC. @100° F.).

NOTE: *The oil and its container must be clean, as dirt will clog the lubricator, necessitating shutdown and cleaning.*

FILLING - All lubricators can be filled while under pressure and without shutting down equipment. Slowly remove either fill plug and fill to within 1/4" of top of bowl using correct oil. For best results use a long spout oil can so that the tip can be inserted into top of bowl.

OPERATION - The "Dial-Set" knob is factory set so that when turned to zero (0) no oil is delivered to the venturi for atomization and equipment is not being lubricated. Turn on air to start flow and set knob to obtain desired drops per minute—visible through the sight glass. As a start one drop per minute is suggested, correct lubrication being a matter of experience and demand. Clockwise rotation of knob decreases oil feed rate. To check lubrication hold the thumbnail or a mirror near the equipment exhaust, a heavy film indicates over-lubrication and the drops per minute should be reduced by turning knob to lower setting.

MAINTENANCE - If both air and oil are kept clean and the oil level never allowed below end of tube in bowl the lubricator should provide long periods of unattended service.

CLEANING - To clean, it is not necessary to remove lubricator from the line. Disassembly is simple, use drawing as a guide. In most instances cleaning is needed only in the oil metering area. Pull off adjusting knob and remove needle valve assembly turning out large hex nut, remove needle valve seat and clean removed parts with methanol—making sure hole in seat is clear. With a No. 57 drill make sure hole in bottom of sight glass is open. Blow out lubricator body with compressed air before reassembly.

———— **RETAIN THIS INFORMATION FOR FUTURE REFERENCE** ————

When ordering replacement parts, list: Part Number, Description, Model Number, and Series Letter.

LINCOLN provides a Distributor Network that stocks equipment and replacement parts.
