

WILSONWERKS ARCHIVES

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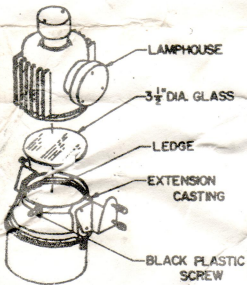
INSTRUCTION SHEET FOR INSTALLATION OF HEAT ABSORBING GLASS, GROUND GLASS AND OPAL GLASS FOR OMEGA AND AUTOMEGA ENLARGERS

TECHNICAL
DATA
SHEET

B ENLARGERS (For B-22 see note below)

D2 & D3 ENLARGERS

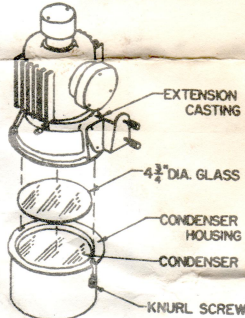
3½" Diameter



- 1) Loosen black plastic screw.
- 2) Lift lamphouse out of extension casting.
- 3) Insert 3½" diameter glass into top of extension casting. Rest glass on inside ledge.
- 4) Replace lamphouse and secure with black plastic screw.

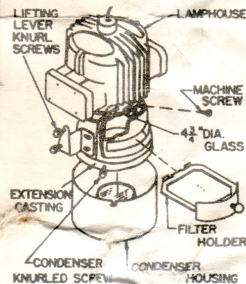
For the B-22 model, the 3½" diameter heat absorbing glass ground or opal glass is placed inside of condenser. (See illustration next column for 4¾" diam. glass).

4¾" Diameter



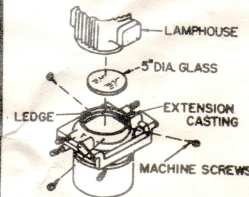
- 1) Remove knurled screws and remove condenser housing.
- 2) Place 4¾" diameter glass inside of condenser housing on top of condenser.
- 3) Replace condenser housing and knurl screws on extension casting. Then tighten knurled screws until condenser housing is secure.

4¾" Diameter



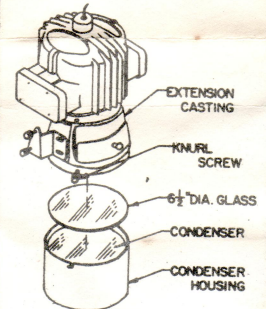
- 1) Loosen lifting lever knurled screws and remove lamphouse assembly from enlarger.
- 2) Remove condenser housing secured by condenser knurled screws.
- 3) Remove filter holder (if colorhead) and one machine screw on extension casting.
- 4) Turn lamphouse up side down and insert 4¾" diameter glass below the two remaining screws.
- 5) Replace machine screw and turn the lamphouse right side up.
- 6) Replace filter holder and condenser housing. Then secure unit back on enlarger with lifting lever knurled screws.

5" Diameter



- 1) Loosen lifting lever knurled screws and remove lamphouse assembly from enlarger.
- 2) Remove all three machine screws attaching lamphouse to colorhead extension casting.
- 3) Lift lamphouse out of extension casting.
- 4) Insert 5" diameter glass into top of extension casting. Rest glass on inside ledge.
- 5) Replace lamphouse and secure with the three machine screws.

6½" Diameter



- 1) Loosen knurled screws and remove condenser housing.
- 2) Place 6½" diameter glass inside of condenser housing on top of condenser.
- 3) Replace condenser housing on extension casting and tighten knurled screws.

INFORMATION ON OPAL, GROUND AND HEAT ABSORBING GLASS FOR OMEGA AND AUTOMEGA ENLARGERS

E Condenser Head, See Other Side.

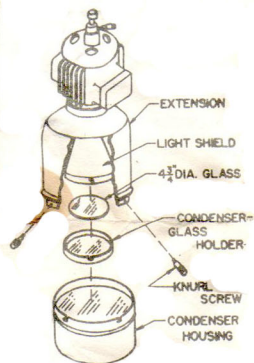
An opal glass disc put on top of or in place of the top condenser, or placed right under the lamp, will soften contrasts considerably, but will give a rather flat print and also lengthen exposure time. Recommended for reductions to cut down illumination.

A ground glass disc used in the same manner will convert the condenser type illumination into a diffused light source, such as has been used on diffusion enlargers of the older type. The light distribution is generally inferior to that of the condenser type and grain becomes very noticeable.

A heat absorbing glass is recommended by some manufacturers of color printing materials to balance filter factors. It is also used to keep heat away from gelatin filters in colorhead. Rarely used, except as described above, since negatives are kept cool at all times in an OMEGA lamphousing. However, there may be some special applications for it.

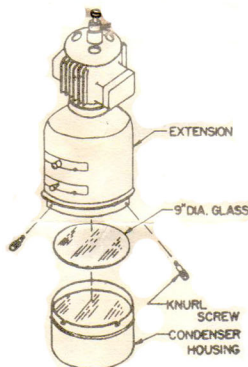
E CONDENSER HEAD

4 3/4" Diameter



- 1) Remove condenser housing held by knurled screws.
- 2) Remove filter drawer.
- 3) Insert hand into extension to grasp condenser glass holder. Turn left and pull down.
- 4) Place 4 3/4" diameter glass on top of condenser. The curved side of the condenser should face down.
- 5) Place assembly back on light shield.
- 6) Replace condenser housing back on extension and secure with knurled screws.

9" Diameter



- 1) Remove condenser housing held by knurled screws.
- 2) Place 9" diameter glass inside of condenser housing on top of condenser.
- 3) Replace condenser housing on extension and secure in position by knurled screws.

Specifications subject to change without notice.



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