

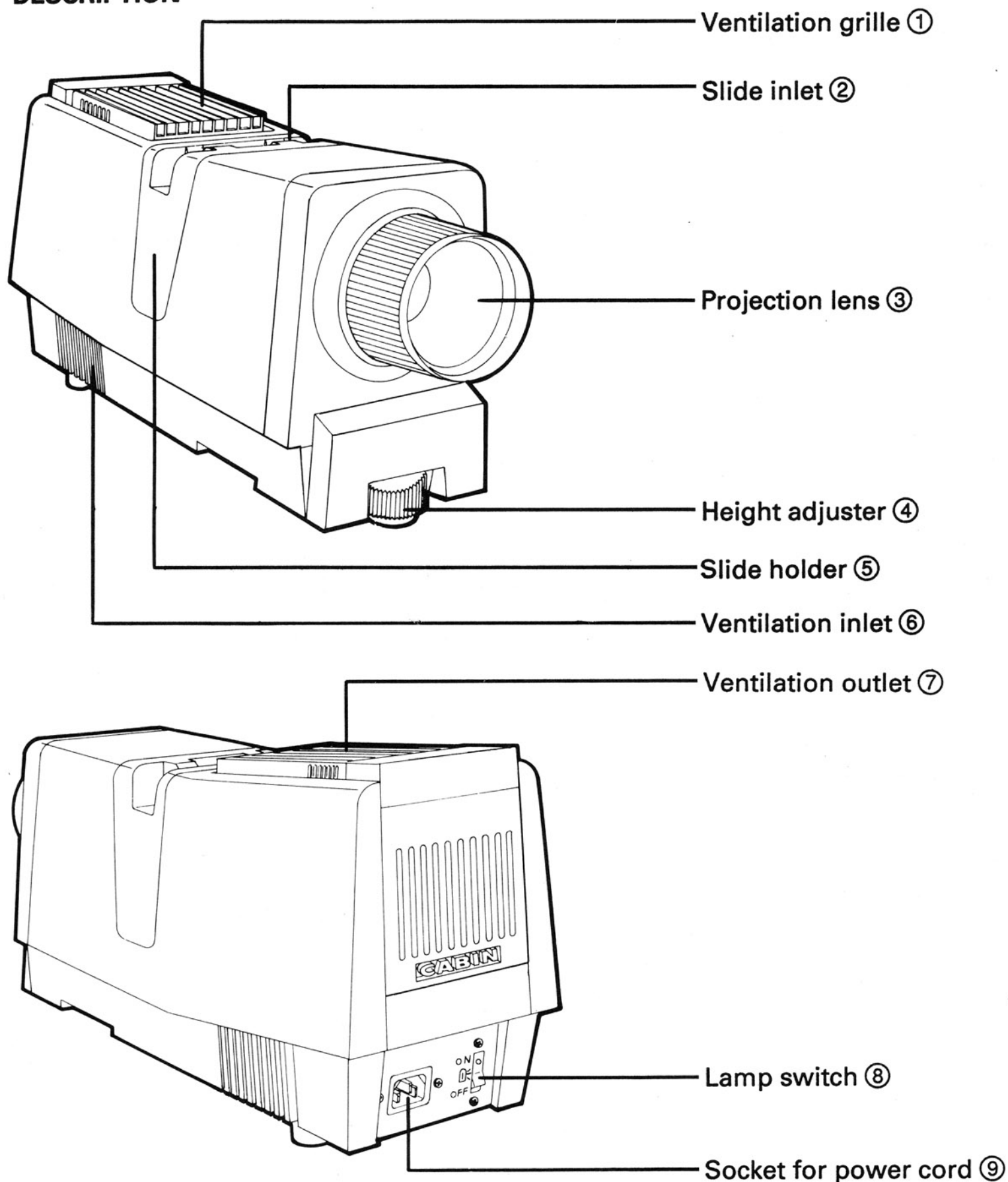


SLIDE PROJECTOR

PROCABIN 67-Z

INSTRUCTIONS

DESCRIPTION



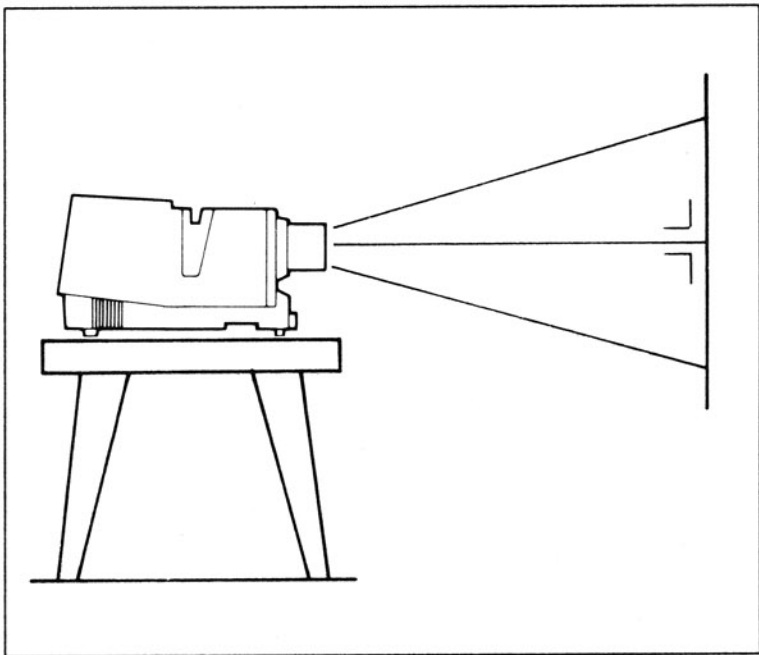
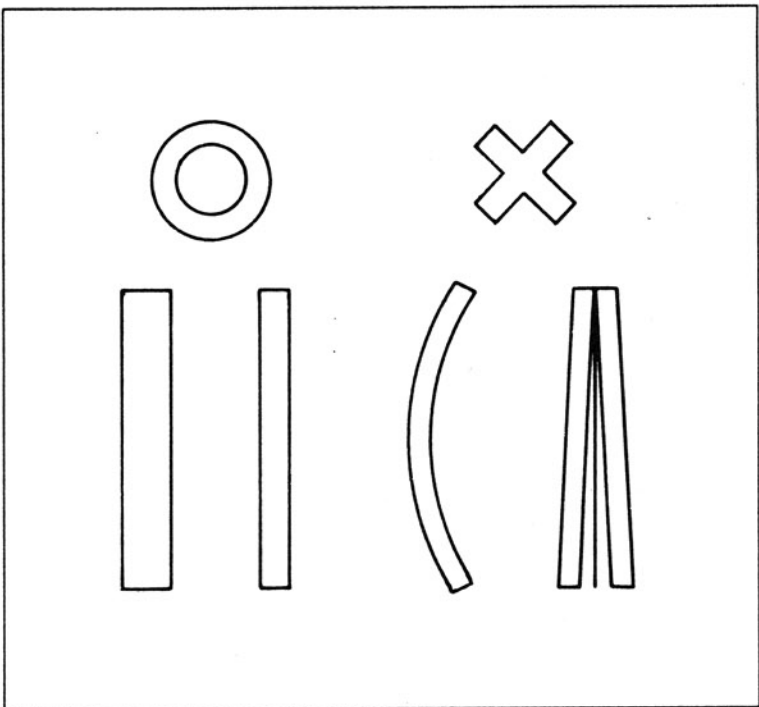
SPECIFICATIONS

Film sizes	: 6 x 7 cm (standard slide holder) 6 x 6 cm 35 mm (optional slide carriers)
Projection lens	: f3.5 150 mm (standard) f4.5 200 mm (optional)
Projection lamp	: 100–120 V or 220–240 V, 300 W halogen with G6.35 base
Power source	: AC 110–120 V or 220–240 V, 50/60 Hz
Power consumption	: 320 W
Condenser system	: Metal mirror reflector and 2-element convex/aspheric condenser with heat filter
Slide change	: Manual changing system (Optional filmstrip carrier and carriers for the different sizes of slides)
Focusing	: Manual
Cooling system	: Forced ventilation of lamp, and film surface with an air curtain and a rotary fan
Height adjustment	: Elevating front foot, with rotating adjuster wheel Max. elevation 4 degrees
Dimensions	: 151 x 416 x 221 mm (W x D x H)
Weight	: 4.3 kgs

* Specifications are subject to change without prior notice.

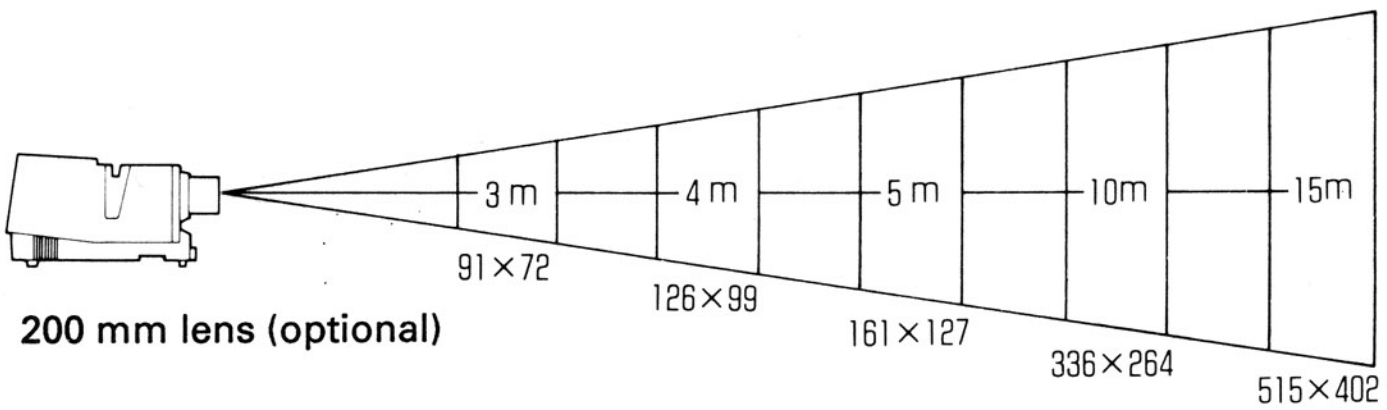
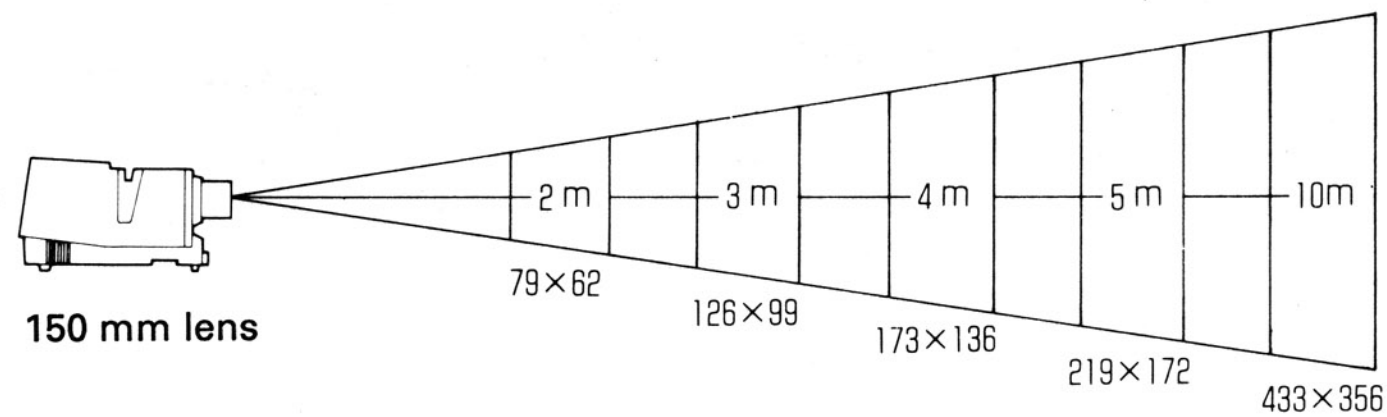
SETTING UP

Note:
Do not use slides with warped mounts or if the mounts are coming apart. Otherwise the slide cannot be focused properly. There is also a risk of jamming in projector.



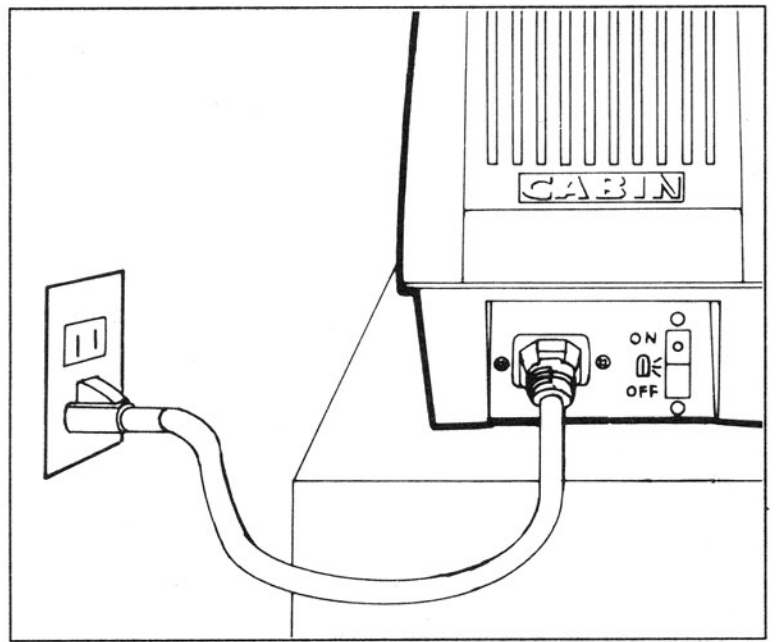
Set up the projector at right angles to the projection screen or surface.

Screen size in cm, for a 6 x 7 cm slide



OPERATION

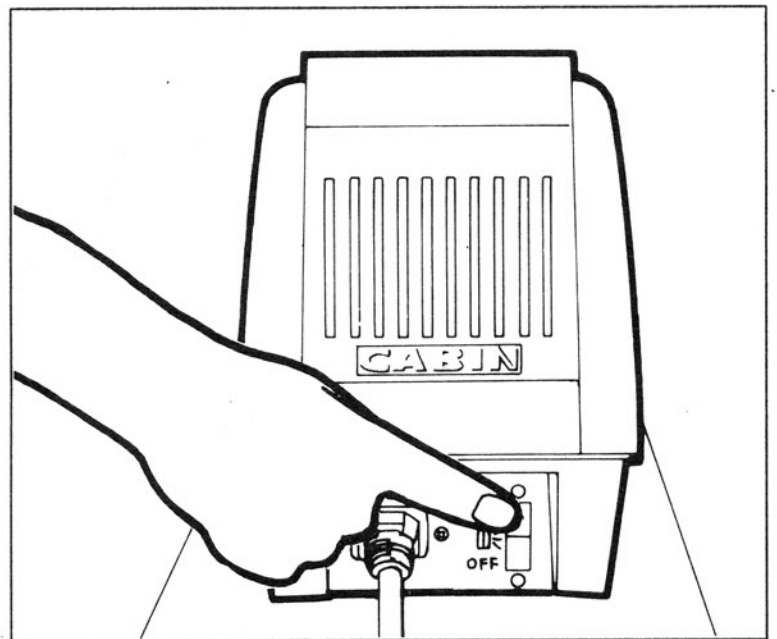
- 1 Plug the power cord into the socket ⑨ in the projector and the other end of the cord into a wall socket.
The cooling fan will start running.



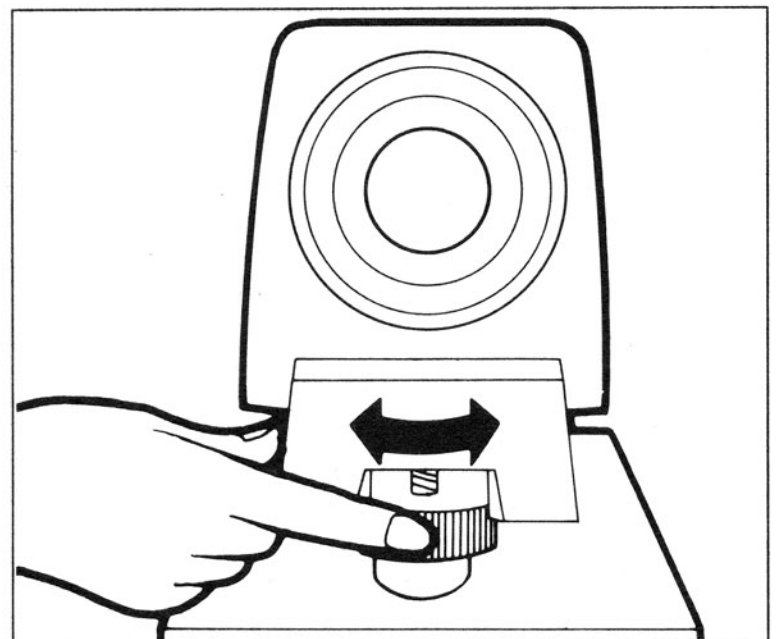
- 2 Turn on the lamp at the switch ⑧.

Note:

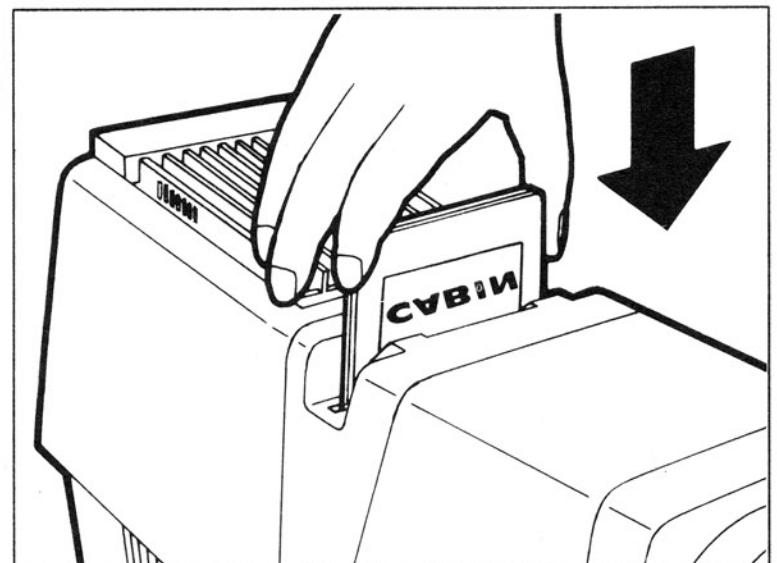
Ensure that the ventilation grille ① and the ventilation inlet ⑥ remain clear so that the slide can be cooled properly.

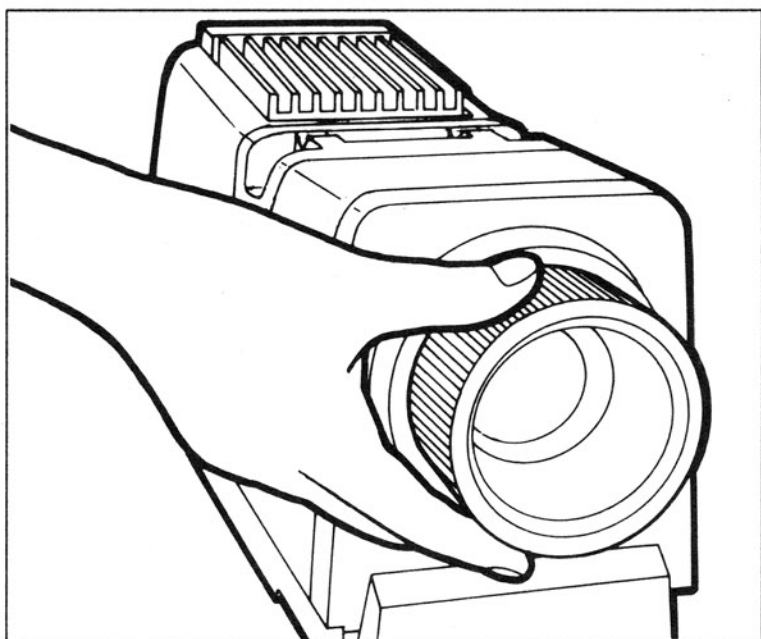


- 3 Adjust the height of the projected image as required by turning the knurled wheel of the elevating foot adjuster ④.
To raise the projector: turn the wheel to the left.
To lower the projector: turn the wheel to the right.
The maximum angle of elevation is 4 degrees.
Do not try to exceed this by propping up the front of the projector, as this will drastically reduce the life of the lamp.

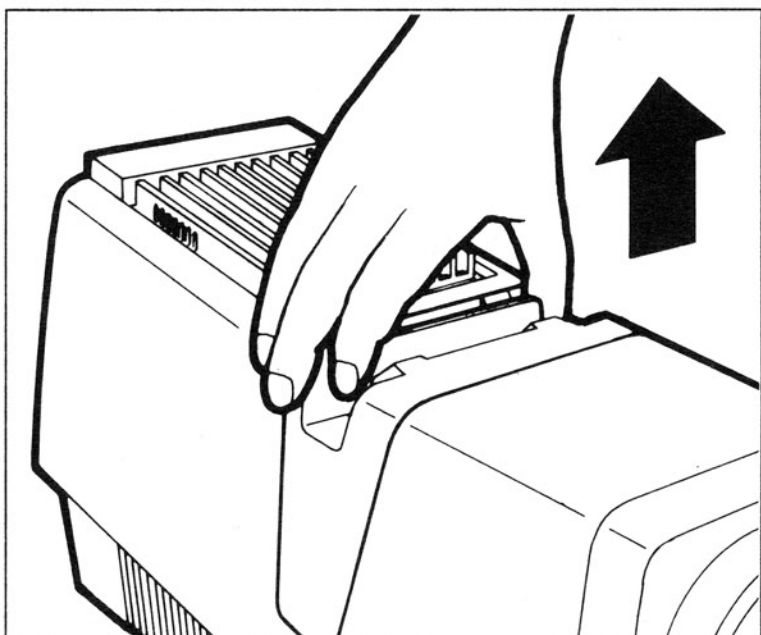


- 4 (With 6 x 7 cm slides) Insert a slide into the slide inlet ② and push it down until it can go no further. It should now be in the proper position for projection.

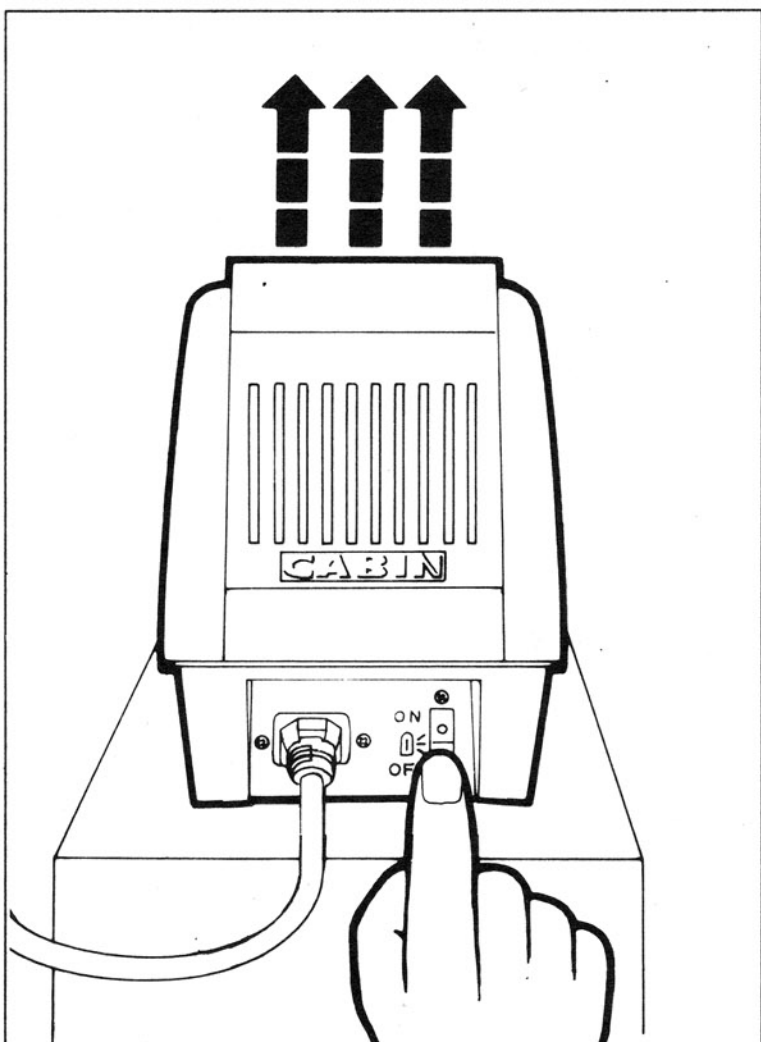




- 5 Adjust the focus by turning the projection lens③. Make any final adjustments to the positioning of the image on the screen.



- 6 Hold the slide by the top corners and pull it out of the projector.



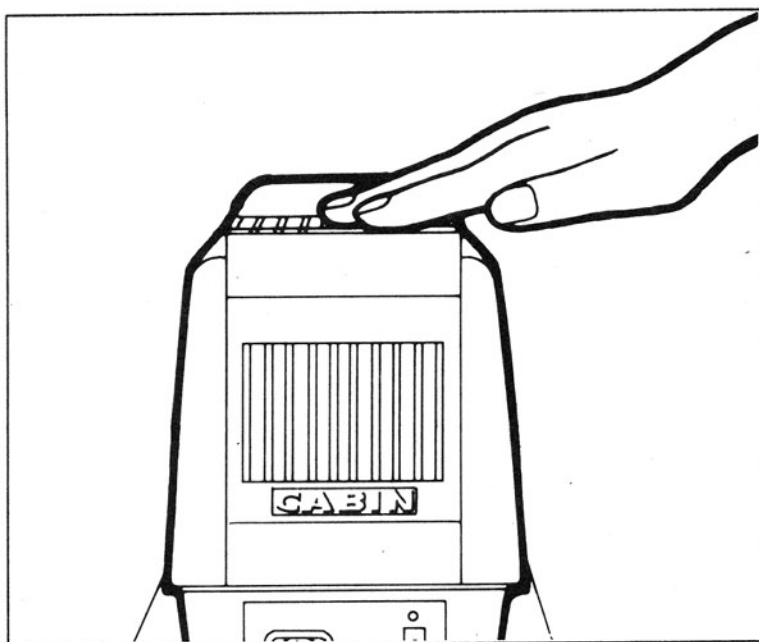
- 7 When projection has finished, turn off the lamp switch⑧. Leave the power cord connected to allow the fan to run until the projector has cooled down.

REPLACING THE FUSE OR THE LAMP

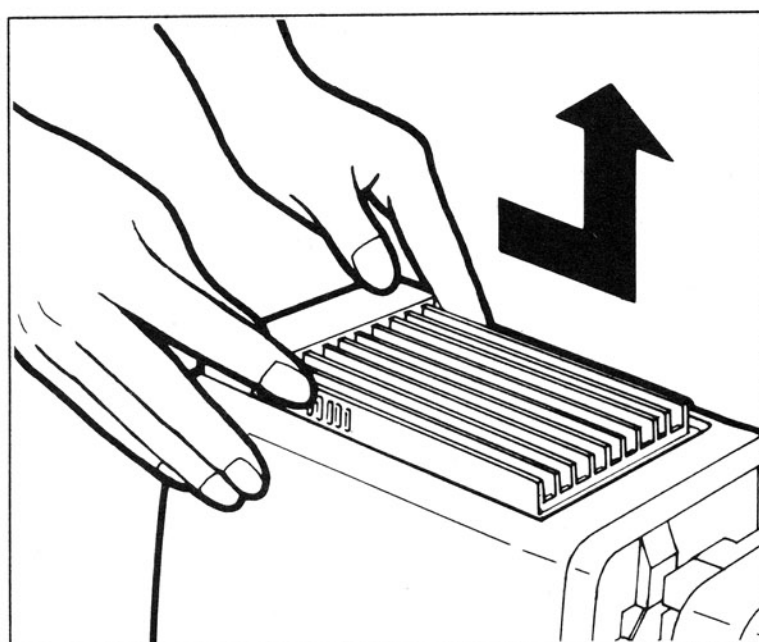
Please note the following points before opening the projector for any reason:

To avoid possible injury from hot surfaces, always allow the projector to cool down fully before starting to change the fuse or the lamp.

To avoid any risk of electrical shock, always remove the power cord from the projector before starting to change the fuse or the lamp.



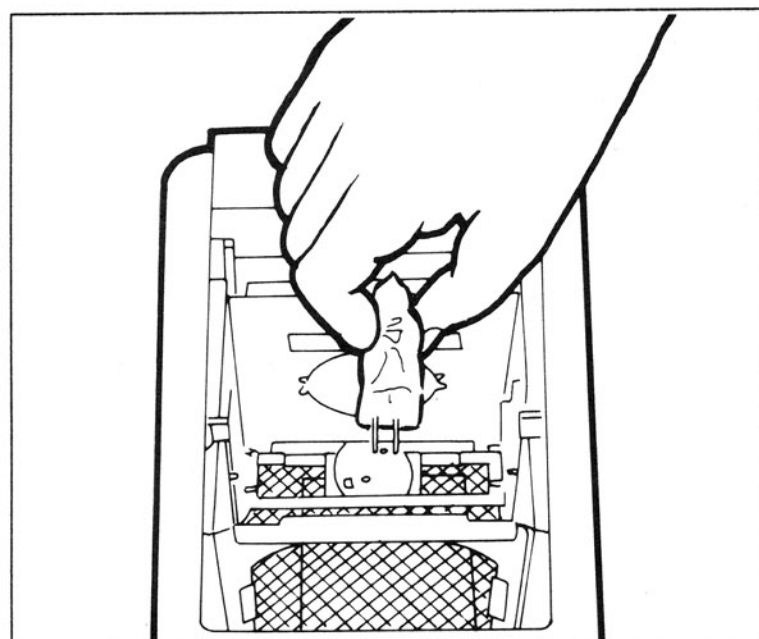
To remove the ventilation grille ①, push it forwards towards the projection lens and then lift it up gently.



REPLACING THE LAMP

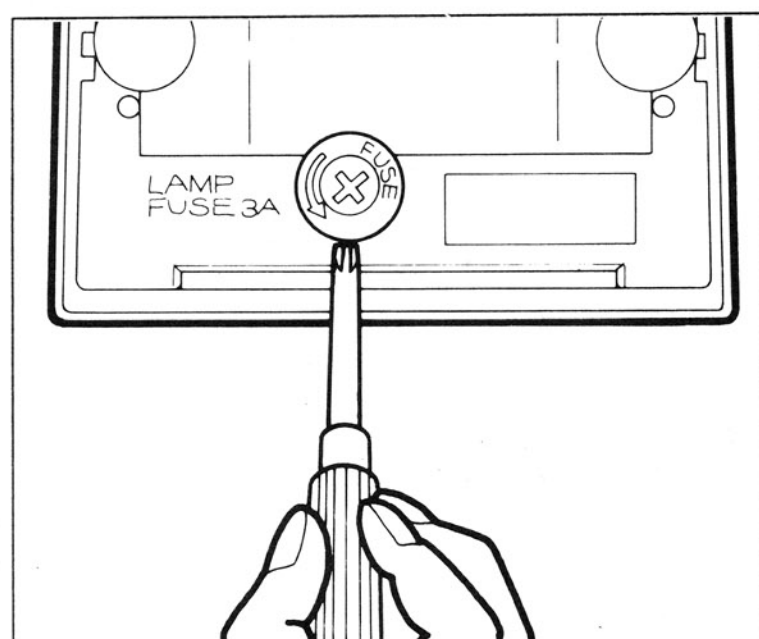
Remove the ventilation grille.
Remove the old lamp by holding it firmly and pulling it straight up.
Hold the new lamp in the sleeve in which it is packed, or else use a clean, lint-free piece of cloth.
Gently but firmly insert the new lamp into the socket.
Replace the ventilation grille.

N.B.: Never touch the glass of the halogen lamp directly with your fingers, as the marks will damage the glass and shorten its life considerably.



REPLACING THE FUSE

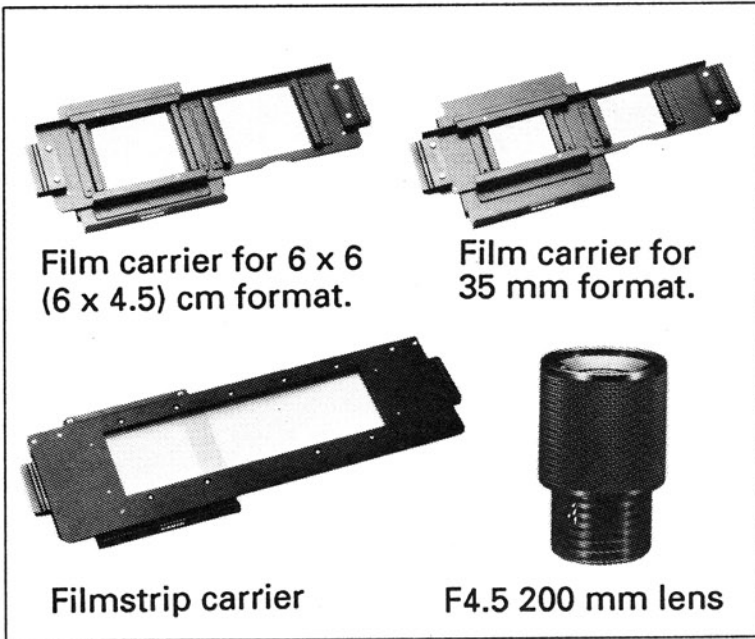
Remove the fuse holder with a Philips-type screwdriver in the direction indicated on it by the arrow.
Change the fuse (110–120 V – 3 A) (220–240 V – 1.5A).



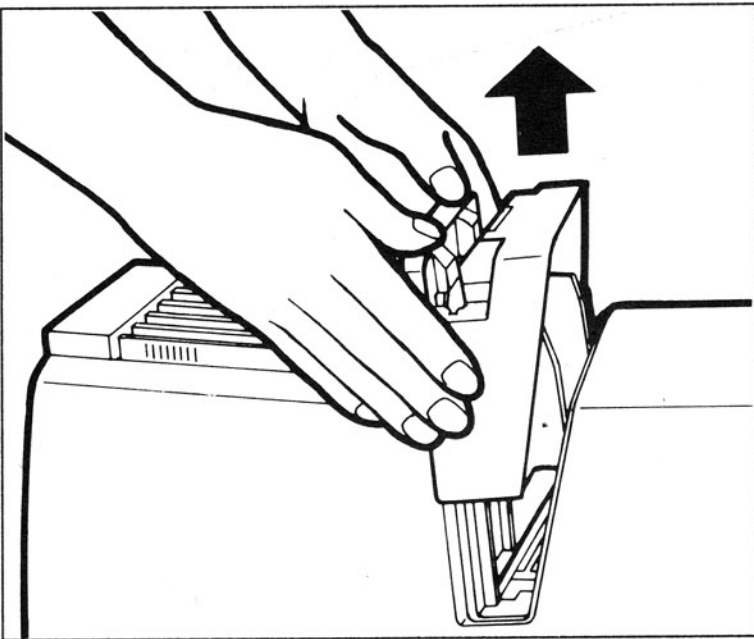
OPTIONAL SLIDE CARRIERS

Optional slide carriers are available for smaller film formats than the standard 6 x 7 cm:

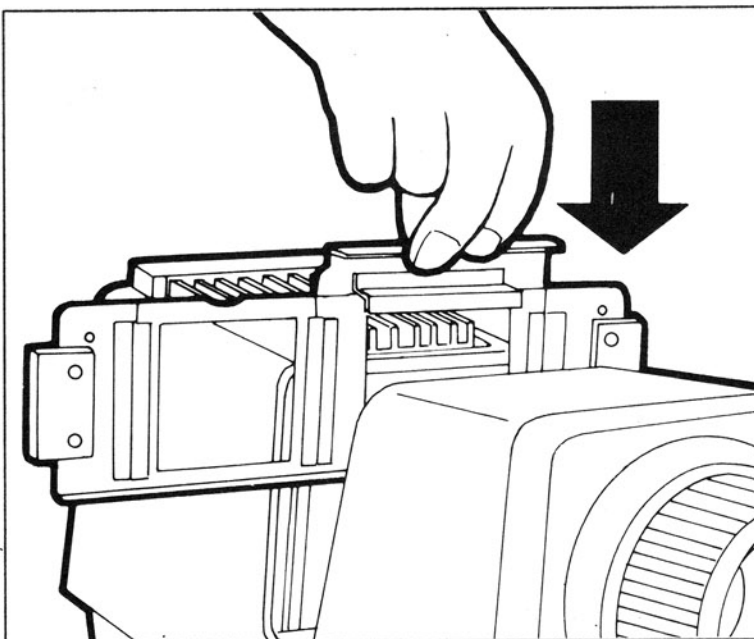
6 x 6 cm
35 mm



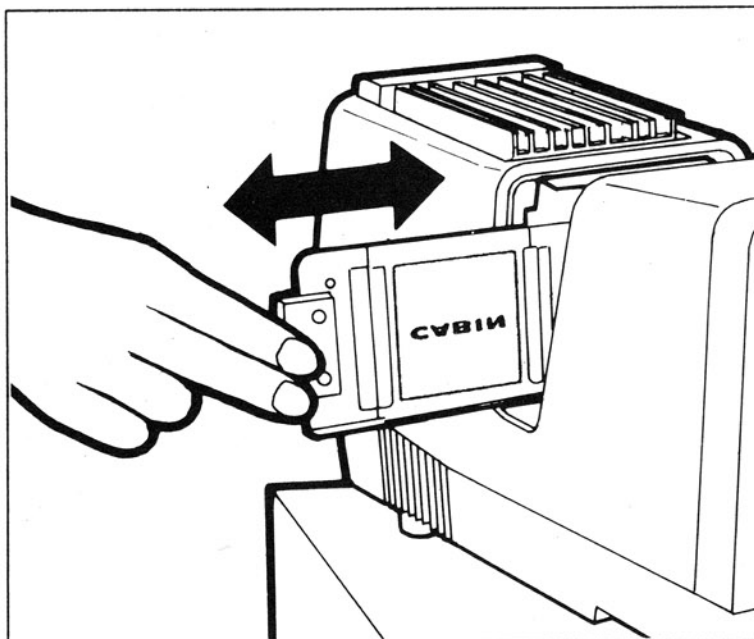
1. Remove the slide holder ⑤ from the projector by pulling upwards to slide it along the rails.

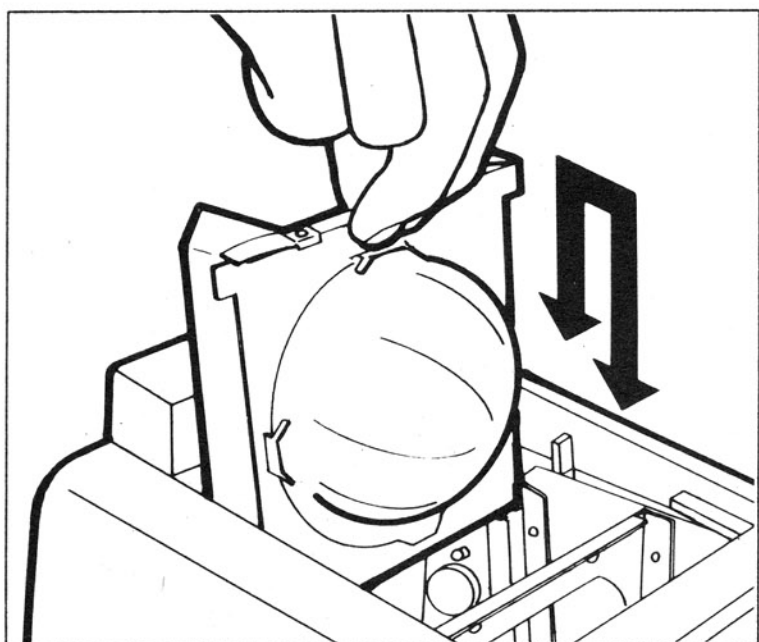
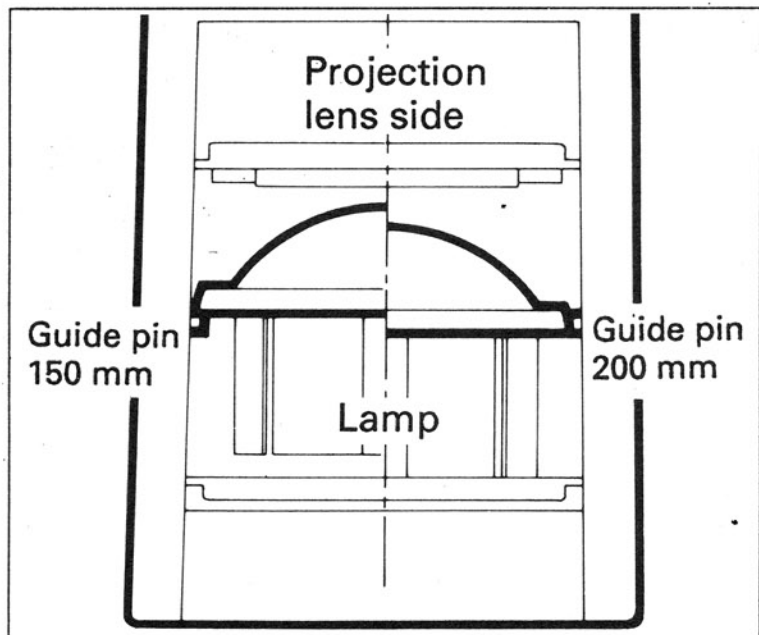
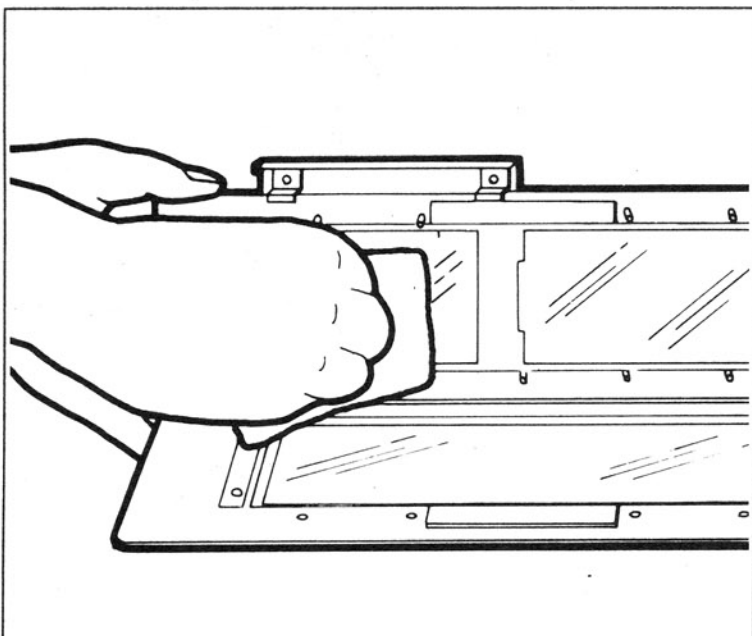
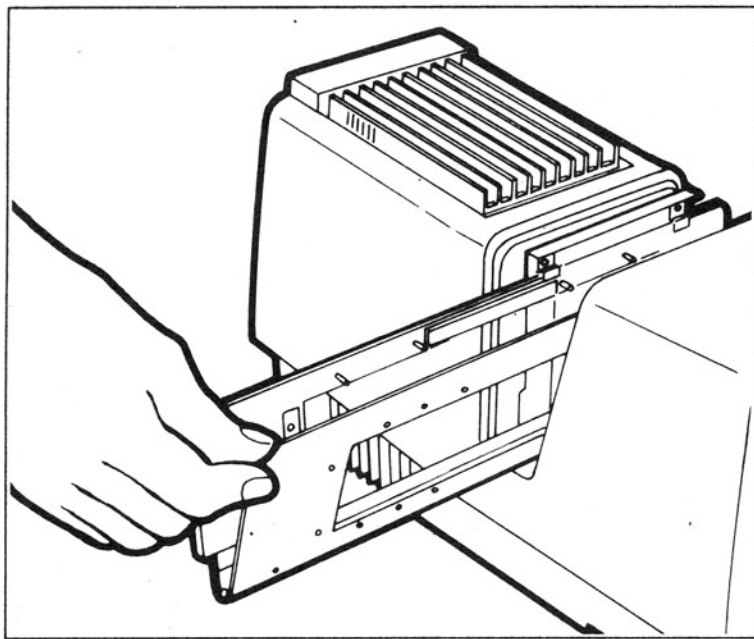


2. Locate the new slide carrier into position at the top of the rails and then slide it down gently into position.



3. The optional slide carriers have a push-pull type of the manual slide system. Insert the slide into the carrier when it stands out to one side, and then push it across horizontally into the projector.





OPTIONAL FILMSTRIP CARRIER

An optional carrier is available to project unmounted 6 x 7 cm film or filmstrips.

Clean the glass screen of the carrier before use to prevent the film from being scratched.

- 1 Open the filmstrip carrier gate and place the film in the centre of the carrier and between the glass screens. Close the carrier gate
- 2 Remove the slide holder ⑤. Insert the filmstrip carrier.
- 3 Push and pull the carrier horizontally to change slides.

CHANGING LENSES

The optional f4.5 200 mm may be interchanged with the standard lens for projection in larger rooms, but in such a case the position of the rear condenser must be changed for best results.

Remove the ventilation grille ①. Lift out the rear condenser. Locate the condenser against the guide pin marked "200", which is slightly close to the lamp than the guide pin marked "150". Replace the ventilation grille.

If the f3.5 150 mm lens is replaced, the above procedure must be done again, except that the condenser should be located against the "150" guide pin.

CABIN INDUSTRIAL CO., LTD.

2-10, Hatagaya 2-chome, Shibuya-ku, Tokyo 151, JAPAN

TELEX: J34269 CABINDST TEL: 03-376-2311

FAX: 03-377-3808

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Panoramic Slide Projection using the Procabin 67Z

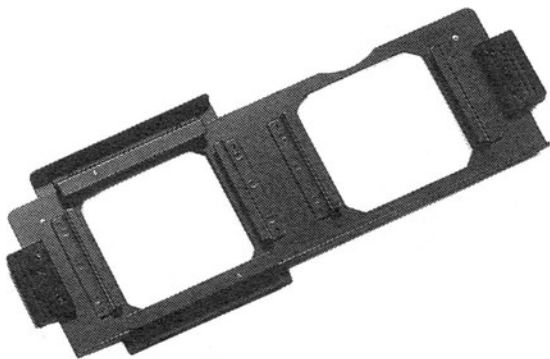
This is a special section for all users of panoramic cameras. The Procabin 67Z ist dedicated to film formats up to 6x7cm but is also perfect for panoramic slides.

1. Slide Mounts



For best results GEPE SPECIAL FORMAT MOUNTS No. 2702 for Hasselblad/Noblex/Mamiya panoramic cameras are highly recommended. The mounts have two AN glasses and an air-exchange-system to let the slides breathe. A metal mask with clips holds the slide in position. The whole mount is heat resistant up to 100°C/212°F. The mounts are not really cheap but perform very, very well.

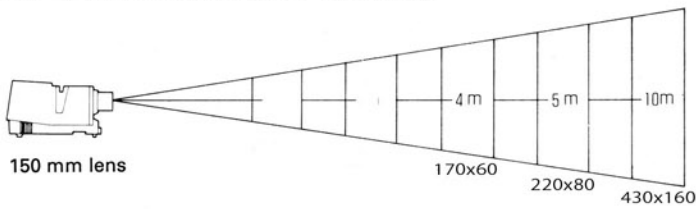
2. Projector & Film Carrier



Film carrier for 6×7cm format, 85×85mm plastic mount.

As the GEPE mounts have 85x85mm format the film carrier for 6x7cm has to be used.

Use the 150mm lens and distances of 4 meters and more:



Lamp power is limited to 300 watts at the Procabin 67Z. Although a 650 watts halogen lamp is available for the G6.35 socket this type must not be used in the projector. The 650 watts lamp produces 96 to 98% more heat compared to the 300 watts version (measured at OSRAM Tech. Dept.). Damage to both projector and slides will occur.