RG-27

PARTS

- Rod Guard Bracket
- Rod Guard
- #8-32 Screw (quantity 16)
- Rod Guard End Cap (quantity 2)
- Latch Guard
- Latch Guard Bracket

NOTE

This latch guard will cover a bottom latch that projects as far as 1-13/16" from the door.

NOTE

For fire door applications, this product can be used on hollow metal and metal-clad composite fire doors only.

INSTALLATION

1. Remove center case cover, latch cover, rod guide, bottom rod, and rod guide bushing (Figure 1).

2. Rod for 33/35 and 88 device unscrews at device.

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2. For 33/35, 33A/35A devices only, reinstall center case cover.

3. Locate and install latch guard bracket with two #8-32 screws (Figure 2 and Figure 3).

4. Cut rod guard bracket to clearances shown (Figure 4 or Figure 5).

- 22 and 98/99 Devices
  - Center case cover removed
  - 1/8”
  - 1-3/4” min. clearance
  - Latch guard bracket

- 33/35, 33A/35A, and 88 Devices
  - For 33/35, 33A/35A, and 88 devices, cut top of bracket even with top of foot
  - 1-3/4” min. clearance for 33/35 and 33A/35A
  - 3” minimum clearance for 88
  - Latch guard bracket

Figure 2

Figure 3

Figure 4

Figure 5
5. Position rod guard bracket on door and mark all mounting holes (Figure 6 or Figure 7).

6. Drill and tap #8-32 mounting holes.

7. Install rod guard bracket with #8-32 screws. Do not install rod guard end cap at this time.

8. For 22 and 98/99 devices, reinstall center case cover.

9. Measure dimension X (Figure 8 or Figure 9).

10. Cut rod guard:
    - Cut 10” shorter than X (22, 33/35, 33A/35A, and 98/99 devices).
    - Cut 10-1/16” shorter than X (88 devices).

**NOTE**

For 22 and 98/99 devices, do not cut contoured end of rod guard.

For 33/35, 33A/35A, and 88 devices, cut contoured end of rod guard.

Remove center case cover, install rod, adjust rods per device instructions, and reinstall center case cover.

12. For 33/35, 33A/35A, and 88 devices, install rod guard end cap over rod with two #8-32 screws (Figure 7).
13 Place rod guard over rod guard bracket on door 1-1/2" below center case cover with cut end of rod guard toward latch (Figure 10). Push rod guard towards device so tabs on rod guard slide under tabs on rod guard bracket.

14 Hold rod guard in place and tap lightly with a hammer until rod guard touches center case cover (Figure 11). Install rod guard end cap for 88 devices only.

15 Drill and tap door for #8-32 screws and install latch guard with five #8-32 screws (Figure 12).