



1. Product Name

Hager Exit Devices

- 4500 Series Grade 1
Heavy Duty Surface Vertical Rod Device
Heavy Duty Rim Exit Device
- 4700 Series
Standard Duty Surface Vertical Rod Device
Standard Duty Rim Exit Device

2. Manufacturer

Hager Companies
139 Victor Street
St. Louis, MO 63104
(800) 255-3590
(314) 772-4400
Fax: (800) 782-0149
E-mail: webmaster@hagerco.com
www.hagerco.com

3. Product Description

BASIC USE

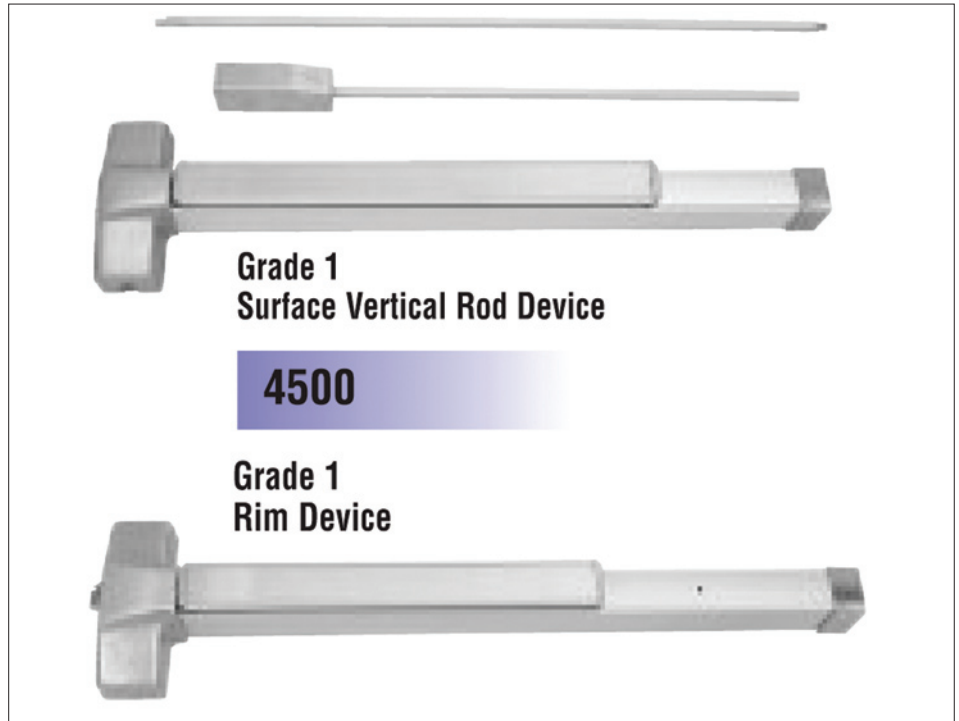
Hager Companies offers 2 lines of high quality commercial exit devices: 4500 Series and 4700 Series. 4500 Series products are Grade 1 heavy duty surface vertical rod and rim exit devices constructed to ANSI/BHMA standards; 4700 Series are reliable, standard duty surface vertical rod and rim exit devices. Designed to be both easy to install and durable, these exit devices are available for a variety of configurations:

- Single door with rim exit device
- Double door with surface vertical rod exit device
- Double door with rim exit device and surface vertical rod exit device
- Double door with mullion

To simplify installation, Hager Companies exit devices are non-handed and can be installed for either left- or right-handed door installations. The trim that accompanies the devices is handed and must be specified when ordering.

Rim exit devices can be ordered with a choice of non-fire rated or fire-rated strikes; surface vertical rod exit devices are supplied with top and bottom strikes. A double door strike is available for applications that call for the use of one surface vertical rod and one rim exit device.

Exit devices are cut for use in 36" (0.92 m)



and 48" (1.2 m) doors and can be cut to fit other door widths. The recommended overall length of the exit device is equal to the door width minus 4" (102 mm). Surface vertical devices are supplied with 84" (2.1 m) rods standard, but can also be ordered with 96" (2.4 m) rods to accommodate an 8' (2.4 m) door.

COMPOSITION & MATERIALS

4500 Series

- Heavy duty Grade 1 commercial
- Covers - Brass, bronze, stainless steel
- Chassis - Aluminum
- End caps - Brass, bronze, stainless steel
- Rim strikes - Steel with plated rollers
- Surface vertical rod strikes - Panic-rated steel with plated rollers or fire-rated solid steel

4700 Series

- Standard duty commercial
- Covers - Painted steel, brass, stainless steel
- Chassis - Steel plated
- End caps - Painted steel, brass, stainless steel
- Rim strikes - Steel with plated rollers
- Surface vertical rod strikes - Stainless steel with plated rollers

SIZES

4500 Series

- Door width - Standard 36" (0.92 m) field sizable to 32" (0.81 m); optional 48" (1.2 m) field sizable to 38" (0.97 m)

- Door thickness - 1 3/4" (44.4 mm)
- Door height for surface vertical rod - Standard 7' (2.1 m); optional 8' (2.4 m)
- Stile width for single doors and standard stop - Minimum 5 3/8" (137 mm)
- Stile width for double doors - Minimum 4 7/8" (124 mm)
- Stile width for double doors and standard 2" (51 mm) mullion - Minimum 5 3/4" (146 mm)

4700 Series

- Door width - Standard 36" (0.92 m) field sizable to 32" (0.81 m); optional 48" (1.2 m) field sizable to 38" (0.97 m)
- Door thickness - 1 3/4" (44.4 mm)
- Stile width for single doors - Minimum 4 1/2" (114 mm)
- Stile width for double doors - Minimum 4 3/4" (121 mm)

TYPES, COLORS

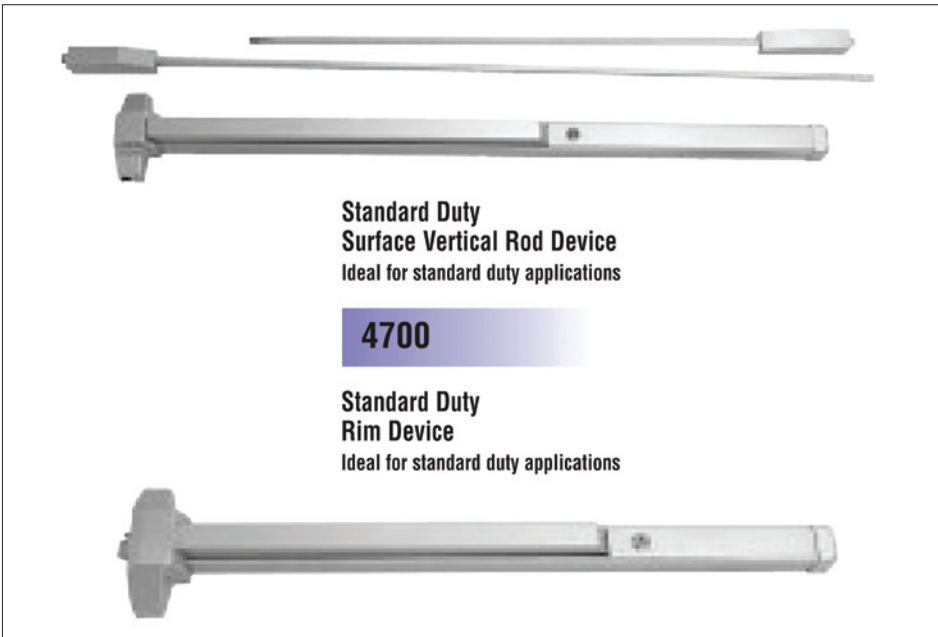
4500 Series

- Finishes - US3 (polished brass), US4 (satin brass), US10 (satin bronze), US10B (oil rubbed bronze), US26 (polished chrome), US26D (satin chrome)

4700 Series

- Finishes - US3 (polished brass), US32D (satin finish stainless), ALM (aluminum), DBZ (dark bronze)





7. Warranty

Lifetime warranty statements, as well as associated exceptions and limitations, are available online at www.hagerco.com. For the 4700 Series exit devices, Hager offers a 1 year warranty; for the 4500 Series, Hager warrants the exit devices for the life of the building.

8. Maintenance

No specific care or maintenance is required for properly installed products.

9. Technical Services

In addition to contacting distributors or sales team members, contact Hager representatives online at www.hagerco.com or e-mail webmaster@hagerco.com.

10. Filing Systems

- Reed First Source®
- MANU-SPEC®
- Additional product information is available from the manufacturer upon request.

ACCESSORIES

4500 Series

- Function trim - Blank escutcheon, cylinder cutout, dummy, night latch
- Levers - Archer, Withnell, August
- Cylinders - Rim cylinder, mortise cylinder, interchangeable core housing (sold separately)

4700 Series

- Function trim - Blank escutcheon, cylinder cutout, dummy, night latch, raised lip pull dummy, raised lip pull night latch
- Levers - Archer, Withnell, August
- Cylinders - Rim cylinder, mortise cylinder, interchangeable core housing (sold separately)

BENEFITS

- Variety of finishes and grades increase application versatility
- Exit devices are non-handed to simplify installation
- Thru-bolts are included with every model; wood and metal screws are provided in every package for customer convenience
- Slotted strikes simplify aligning the latch to the strike
- Escutcheon trim, with the locking mechanism built inside, reduces door preparation by requiring fewer holes in the door

4. Technical Data

APPLICABLE STANDARDS

American National Standards Institute/
Builders Hardware Manufacturers Association
(ANSI/BHMA)

- ANSI/BHMA A156.3 American National Standard for Exit Devices
- ANSI/BHMA A156.18 American National Standard for Materials and Finishes

APPROVALS

Underwriters Laboratories, Inc. (UL)

5. Installation

Exit device installation instructions are included with the product and provided online at www.hagerco.com.

6. Availability & Cost

Hager provides a unique service for its worldwide distributors. The Materials Resource Planning and Distribution Resource Planning inventory systems are 2 computerized programs used to maintain distributor stock. Ordering is handled through computer-linked strategically located worldwide distribution centers. Through www.hagerco.com, a distributor search option locates distributors by region. Hager sales teams may also be located for national or international locations worldwide through a separate search option.