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
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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 hand-ed 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 sizeable to 32" (0.81 m); optional 48" (1.2 m) field sizeable 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 sizeable to 32" (0.81 m); optional 48" (1.2 m) field sizeable 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 (satiny chrome)

4700 Series
• Finishes - US3 (polished brass), US32D (satiny finish stainless), ALM (aluminum), DBZ (dark bronze)
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.

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.