

Rack Storage U.S. Quick Reference Guide

This guide is intended for general reference only. Prior to the design, lay-out, and/or installation of any sprinkler system, please refer to Viking's technical documentation and always consult with the AHJ. Please visit www.vikinggroupinc.com for the most current technical data and product specifications. All products must be installed in accordance with the manufacturer's current installation instructions. Viking reserves the right to change product specifications at any time without notice and without incurring obligation.

Early Suppression Fast Response (ESFR) Sprinklers

VK520 - 14.0 (202) K-Factor ESFR Upright



| | |
|-------------------|--------|
| Base Part Number: | 10625 |
| Tech Data Number: | 121a-e |
| NPT Thread: | 3/4 in |

- Protects buildings up to 35 ft (10,7 m) high with 30 ft (9,1 m) of storage
- Upright design provides more options for designing around obstructions
- Install directly onto system piping up to 3 in (75 mm) diameter pipe
- Easy to retrofit into existing upright sprinkler systems
- Can be installed on same branch line as K14 ESFR pendent sprinklers

Listings and Approvals
FM Approved

| NFPA 13 - Required Minimum Flow (GPM) - Single-Row, Double-Row, and Multi-Row Rack Storage (without solid shelves) ¹ | | | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|
| ceiling height (ft) > | 45' | | | | | 40' | | | | | 35' | | | 30' | | 25' |
| storage height (ft) > | 40' | 35' | 30' | 25' | 20' | 35' | 30' | 25' | 20' | 30' | 25' | 20' | 25' | 20' | 20' | |
| Class I-IV Commodity | | | | | | | | | | | 1455 | 1455 | 1455 | 1188 | 1188 | 1188 |
| Cartoned Unexpanded Plastic | | | | | | | | | | | 1455 | 1455 | 1455 | 1188 | 1188 | 1188 |
| Cartoned Expanded Plastic | | | | | | | | | | | | | | 1188 | 1188 | 1188 |

¹ Required flow per sprinkler calculated using $Q=K*(SQRT(P))$ multiplied by number of design sprinklers (12)

VK500 - 14.0 (202) K-Factor ESFR Pendent



| | |
|-------------------|--------|
| Base Part Number: | 10284 |
| Tech Data Number: | 120a-f |
| NPT Thread: | 3/4 in |

- Protects up to 40 ft (12,2 m) high buildings without using in-rack sprinklers
- Sprinklers may be spaced up to 12 ft (3,7 m) for buildings up to 30 ft (9,1 m)
- Coverage area per sprinkler may not exceed 100 ft² (9,3 m²)
- Approved with thermal element installed 4-13 in (102-330 mm) below ceiling
- Shorter length than competitive products provides more installation flexibility

Listings and Approvals
cULus, FM, VdS

| NFPA 13 - Required Minimum Flow (GPM) - Single-Row, Double-Row, and Multi-Row Rack Storage (without solid shelves) ¹ | | | | | | | | | | | | | | | | |
|---|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| ceiling height (ft) > | 45' ² | | | | | 40' | | | | | 35' | | | 30' | | 25' |
| storage height (ft) > | 40' | 35' | 30' | 25' | 20' | 35' | 30' | 25' | 20' | 30' | 25' | 20' | 25' | 20' | 20' | |
| Class I-IV Commodity | 1594 | 1594 | 1594 | 1594 | 1594 | 1455 | 1455 | 1455 | 1455 | 1455 | 1455 | 1455 | 1455 | 1188 | 1188 | 1188 |
| Unexpanded Plastic | 1594 | 1594 | 1594 | 1594 | 1594 | 1455 | 1455 | 1455 | 1455 | 1455 | 1455 | 1455 | 1455 | 1188 | 1188 | 1188 |
| Cartoned Expanded Plastic | | | | | | | | | | | | | | 1188 | 1188 | 1188 |

¹ Required flow per sprinkler calculated using $Q=K*(SQRT(P))$ multiplied by number of design sprinklers (12)

² Requires one row of in-rack sprinklers

VK501 - 14.0 (202) K-Factor ESFR Dry Pendent



| | |
|-------------------|----------|
| Base Part Number: | 14909/10 |
| Tech Data Number: | 122a-h |
| NPT Thread: | 1-1/2 in |
| Grooved: | 2 in |

- Industry's only dry barrel ESFR sprinkler
- **INSTALL ON WET SYSTEMS ONLY** (not approved for dry/preaction systems)
- Uses same design criteria as standard 14.0 (202) K-factor ESFR pendent
- Includes two dry sprinkler insulation boots (p/n 13863)
- Offered with either a threaded or grooved connections
- Available in single barrel length of 36 -1/2 in (930 mm)

Listings and Approvals
cULus Listed

| NFPA 13 - Required Minimum Flow (GPM) - Single-Row, Double-Row, and Multi-Row Rack Storage (without solid shelves) ¹ | | | | | | | | | | | | | | | | |
|---|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| ceiling height (ft) > | 45' ² | | | | | 40' | | | | | 35' | | | 30' | | 25' |
| storage height (ft) > | 40' | 35' | 30' | 25' | 20' | 35' | 30' | 25' | 20' | 30' | 25' | 20' | 25' | 20' | 20' | |
| Class I-IV Commodity | 1594 | 1594 | 1594 | 1594 | 1594 | 1455 | 1455 | 1455 | 1455 | 1455 | 1455 | 1455 | 1455 | 1188 | 1188 | 1188 |
| Unexpanded Plastic | 1594 | 1594 | 1594 | 1594 | 1594 | 1455 | 1455 | 1455 | 1455 | 1455 | 1455 | 1455 | 1455 | 1188 | 1188 | 1188 |
| Cartoned Expanded Plastic | | | | | | | | | | | | | | 1188 | 1188 | 1188 |

¹ Required flow per sprinkler calculated using $Q=K*(SQRT(P))$ multiplied by number of design sprinklers (12)

² Requires one row of in-rack sprinklers

ESFR Sprinklers continued on Page 2

VK503 - 16.8 (242) K-Factor ESFR Pendent



| | |
|-------------------|--------|
| Base Part Number: | 14073 |
| Tech Data Number: | 123a-f |
| NPT Thread: | 3/4 in |

- Protects up to 40 ft (12, 2 m) high buildings without using in-rack sprinklers
- Requires lower starting pressures than VK500 K14 (202) ESFR pendent
- Available in both 165°F (74°C) and 205°F (96°C) temperature ratings
- Approved for up to 45 ft (12,2 m) ceilings with one row of in-rack sprinklers
- Shorter length than competitive products provides more installation flexibility

Listings and Approvals
cULus, FM

| NFPA 13 - Required Minimum Flow (GPM) - Single-Row, Double-Row, and Multi-Row Rack Storage (without solid shelves) ¹ | | | | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| ceiling height (ft) > | 45' | | | | | 40' | | | | 35' | | | 30' | | 25' |
| storage height (ft) > | 40' | 35' | 30' | 25' | 20' | 35' | 30' | 25' | 20' | 30' | 25' | 20' | 25' | 20' | 20' |
| Class I-IV Commodity | 1600 | 1600 | 1600 | 1600 | 1600 | 1454 | 1454 | 1454 | 1454 | 1454 | 1454 | 1454 | 1193 | 1193 | 1193 |
| Cartoned Unexpanded Plastic | 1600 | 1600 | 1600 | 1600 | 1600 | 1454 | 1454 | 1454 | 1454 | 1454 | 1454 | 1454 | 1193 | 1193 | 1193 |
| Cartoned Expanded Plastic | | | | | | | | | | | | | 1193 | 1193 | 1193 |

¹ Required flow per sprinkler calculated using $Q=K*(SQRT(P))$ multiplied by number of design sprinklers (12)
² Requires one row of in-rack sprinklers

VK510 - 25.2 (363) K-Factor ESFR Pendent



| | |
|-------------------|--------|
| Base Part Number: | 12080 |
| Tech Data Number: | 124a-f |
| NPT Thread: | 1 in |

- Protects up to 45 ft (13, 7 m) high buildings without using in-rack sprinklers
- Allows for more flexibility in pipe sizing when performing hydraulic calcs
- May reduce or eliminate the need for a fire pump
- cULus Listed with deflector installed 6-18 in (102-330 mm) below ceiling
- Industry's only ESFR Listed for use in antifreeze systems

Listings and Approvals
cULus, FM, VdS, LPCB

| NFPA 13 - Required Minimum Flow (GPM) - Single-Row, Double-Row, and Multi-Row Rack Storage (without solid shelves) ¹ | | | | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| ceiling height (ft) > | 45' | | | | | 40' | | | | 35' | | | 30' | | 25' |
| storage height (ft) > | 40' | 35' | 30' | 25' | 20' | 35' | 30' | 25' | 20' | 30' | 25' | 20' | 25' | 20' | 20' |
| Class I-IV Commodity | 1913 | 1913 | 1913 | 1913 | 1913 | 1512 | 1512 | 1512 | 1512 | 1352 | 1352 | 1352 | 1171 | 1171 | 1171 |
| Cartoned Unexpanded Plastic | 1913 | 1913 | 1913 | 1913 | 1913 | 1512 | 1512 | 1512 | 1512 | 1352 | 1352 | 1352 | 1171 | 1171 | 1171 |
| Cartoned Expanded Plastic | | | | | | 2138 | 2138 | 2138 | | 2181 | | | | | |

¹ Required flow per sprinkler calculated using $Q=K*(SQRT(P))$ multiplied by number of design sprinklers (12)

Control Mode Specific Application (CMSA) Sprinklers

VK540 - Large Drop 11.2 (161) K-Factor CMSA Upright



| | |
|-------------------|----------|
| Base Part Number: | 13167 |
| Tech Data Number: | 113a-f |
| Response Type: | Standard |
| NPT Thread: | 3/4 in |

- Available in 155° F, 200°F, and 286°F temperature ratings
- Provides protection from severe challenge fires by creating larger water drops that penetrate the fire plume and cool the storage commodity
- Approved for storage of class I-IV commodities, heavyweight rolled paper, and expanded and unexpanded plastics (cartoned and exposed)
- Unlike ESFRs, VK540 is approved for wet, dry, and preaction systems
- Eliminates the need for in-rack sprinklers in certain storage scenarios

Listings and Approvals
cULus, FM

| NFPA 13 - Required Minimum Flow (GPM) - Single-Row, Double-Row, and Multi-Row Rack Storage (without solid shelves) ¹ | | | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|------|-----|-----|------|------|------|
| ceiling height (ft) > | 45' | | | | | 40' | | | | 35' | | | 30' | | 25' | |
| storage height (ft) > | 40' | 35' | 30' | 25' | 20' | 35' | 30' | 25' | 20' | 30' | 25' | 20' | 25' | 20' | 20' | |
| Class I-II Commodity | | | | | | 2492 | | | | | 1120 | 840 | | | 1120 | 840 |
| Class III Commodity | | | | | | | | | | | 840 | | | | | |
| Cartoned Unexpanded Plastic | | | | | | | | | | | 1584 | | | 1188 | 1455 | |
| Cartoned Expanded Plastic | | | | | | | | | | | 1940 | | | 1188 | 1940 | 1188 |

¹ Required flow per sprinkler calculated using $Q=K*(SQRT(P))$ multiplied by number of design sprinklers (varies)
² Requires one row of in-rack sprinklers

VK592 - 19.6 (283) K-Factor CMSA Pendent



| | |
|-------------------|----------|
| Base Part Number: | 14243A |
| Tech Data Number: | 1141-s |
| Response Type: | Standard |
| NPT Thread: | 1 in |

- Available in 160°F and 205°F temperature ratings
- Protects up to 40 ft (12,2 m) high buildings without using in-rack sprinklers
- Requires lower overall water usage than ESFRs and other CMSA products
- Overcomes many obstruction challenges that impact ESFR sprinklers
- 12 ft (3,7 m) spacing between sprinklers provides enhanced design flexibility
- Listed and Approved for warehouses with aisles as narrow as 4 ft (1,2 m)
- UL Listed for concrete tee construction (prohibited for ESFR sprinklers)

Listings and Approvals
cULus, FM, VdS

| NFPA 13* - Required Minimum Flow (GPM) - Single-Row, Double-Row, and Multi-Row Rack Storage (without solid shelves) ¹ | | | | | | | | | | | | | | | |
|--|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|-----|
| ceiling height (ft) > | 45' | | | | | 40' | | | | 35' | | | 30' | | 25' |
| storage height (ft) > | 40' | 35' | 30' | 25' | 20' | 35' | 30' | 25' | 20' | 30' | 25' | 20' | 25' | 20' | 20' |
| Class I-IV Commodity | | | | | | 1610 | 1610 | 1610 | 1610 | 1470 | 1470 | 1470 | 941 | 941 | 941 |
| Unexpanded Plastics | | | | | | 1610 | 1610 | 1610 | 1610 | 1470 | 1470 | 1470 | 941 | 941 | 941 |

* Unless otherwise indicated, the above data is based on FM approval guidelines
¹ Required flow per sprinkler calculated using $Q=K*(SQRT(P))$ multiplied by number of design sprinklers (see data page)
² 40 ft ceiling height is UL listed only. FM approved for up to 35 ft ceiling height (30 ft of storage)
³ Based on UL listed design criteria. VK592 is not FM approved at 40' ceiling heights.

Extended Coverage Storage Sprinkler

VK595 - 25.2 (363) K-Factor Quick Response Upright FUSIBLE LINK



| | |
|--------------|----------------|
| Base Part #: | 16859A |
| Tech Data #: | 124j-m |
| Response: | Quick/Standard |
| Element: | Fus Link |
| NPT Thread: | 1 in |

Listings and Approvals
cULus, FM

| Example Density | Std CMDA Spk Spacing | (Q) Flow Rate / Sprinkler | (P) Starting Pressure | Example Water Demand (2,000 ft ² design area) |
|-------------------------|----------------------|---------------------------|-----------------------|--|
| 0.3 gpm/ft ² | 196 ft ² | 66.7 gpm | 7.0 psi | 734 gpm |
| 0.4 gpm/ft ² | 196 ft ² | 78.4 gpm | 9.7 psi | 863 gpm |
| 0.5 gpm/ft ² | 196 ft ² | 98 gpm | 15.1 psi | 1,078 gpm |
| 0.6 gpm/ft ² | 196 ft ² | 117.6 gpm | 21.8 psi | 1,294 gpm |
| 0.7 gpm/ft ² | 100 ft ² | 70 gpm | 7.7 psi | 1,400 gpm |
| 0.7 gpm/ft ² | 196 ft ² | 137.2 gpm | 29.6 psi | 1,509 gpm |
| 0.8 gpm/ft ² | 100 ft ² | 80 gpm | 10.1 psi | 1,600 gpm |
| 0.8 gpm/ft ² | 196 ft ² | 156.8 gpm | 38.7 psi | 1,725 gpm |

Control Mode Density Area (CMDA) Sprinklers

VK530 - 11.2 (161) K-Factor Standard Response ELO Upright



| | |
|--------------|------------|
| Base Part #: | 09679 |
| Tech Data #: | 13e-j |
| Response: | Standard |
| Element: | Glass Bulb |
| NPT Thread: | 3/4 in |

Listings and Approvals
cULus, FM

| Example Density | Std CMDA Spk Spacing | (Q) Flow Rate / Sprinkler | (P) Starting Pressure | Example Water Demand (2,000 ft ² design area) |
|-------------------------|----------------------|---------------------------|-----------------------|--|
| 0.3 gpm/ft ² | 100 ft ² | 30 gpm | 7.2 psi | 600 gpm |
| 0.4 gpm/ft ² | 100 ft ² | 40 gpm | 12.8 psi | 800 gpm |
| 0.5 gpm/ft ² | 100 ft ² | 50 gpm | 19.9 psi | 1,000 gpm |
| 0.6 gpm/ft ² | 100 ft ² | 60 gpm | 28.7 psi | 1,200 gpm |
| 0.7 gpm/ft ² | 100 ft ² | 70 gpm | 39.1 psi | 1,400 gpm |
| 0.8 gpm/ft ² | 100 ft ² | 80 gpm | 51.0 psi | 1,600 gpm |

VK531 - 11.2 (161) K-Factor Quick Response ELO Upright



| | |
|--------------|-------------------------|
| Base Part #: | 10633 |
| Tech Data #: | 70h-k |
| Response: | Quick |
| Element: | Glass Bulb ¹ |
| NPT Thread: | 3/4 in |

¹Also available with fusible link (VK533-p/n 13978)

Listings and Approvals
cULus, FM

| Example Density | Std CMDA Spk Spacing | (Q) Flow Rate / Sprinkler | (P) Starting Pressure | Example Water Demand (2,000 ft ² design area) |
|-------------------------|----------------------|---------------------------|-----------------------|--|
| 0.3 gpm/ft ² | 100 ft ² | 30 gpm | 7.2 psi | 600 gpm |
| 0.4 gpm/ft ² | 100 ft ² | 40 gpm | 12.8 psi | 800 gpm |
| 0.5 gpm/ft ² | 100 ft ² | 50 gpm | 19.9 psi | 1,000 gpm |
| 0.6 gpm/ft ² | 100 ft ² | 60 gpm | 28.7 psi | 1,200 gpm |
| 0.7 gpm/ft ² | 100 ft ² | 70 gpm | 39.1 psi | 1,400 gpm |
| 0.8 gpm/ft ² | 100 ft ² | 80 gpm | 51.0 psi | 1,600 gpm |

VK536 - 11.2 (161) K-Factor Standard Response ELO Pendant



| | |
|--------------|------------|
| Base Part #: | 07961 |
| Tech Data #: | 13e-j |
| Response: | Standard |
| Element: | Glass Bulb |
| NPT Thread: | 3/4 in |

Listings and Approvals
cULus, FM

| Example Density | Std CMDA Spk Spacing | (Q) Flow Rate / Sprinkler | (P) Starting Pressure | Example Water Demand (2,000 ft ² design area) |
|-------------------------|----------------------|---------------------------|-----------------------|--|
| 0.3 gpm/ft ² | 100 ft ² | 30 gpm | 7.2 psi | 600 gpm |
| 0.4 gpm/ft ² | 100 ft ² | 40 gpm | 12.8 psi | 800 gpm |
| 0.5 gpm/ft ² | 100 ft ² | 50 gpm | 19.9 psi | 1,000 gpm |
| 0.6 gpm/ft ² | 100 ft ² | 60 gpm | 28.7 psi | 1,200 gpm |
| 0.7 gpm/ft ² | 100 ft ² | 70 gpm | 39.1 psi | 1,400 gpm |
| 0.8 gpm/ft ² | 100 ft ² | 80 gpm | 51.0 psi | 1,600 gpm |

VK377 - 11.2 (161) K-Factor Quick Response ELO Pendant



| | |
|--------------|------------|
| Base Part #: | 08337 |
| Tech Data #: | 70a-e |
| Response: | Quick |
| Element: | Glass Bulb |
| NPT Thread: | 3/4 in |

Listings and Approvals
cULus, FM

| Example Density | Std CMDA Spk Spacing | (Q) Flow Rate / Sprinkler | (P) Starting Pressure | Example Water Demand (2,000 ft ² design area) |
|-------------------------|----------------------|---------------------------|-----------------------|--|
| 0.3 gpm/ft ² | 100 ft ² | 30 gpm | 7.2 psi | 600 gpm |
| 0.4 gpm/ft ² | 100 ft ² | 40 gpm | 12.8 psi | 800 gpm |
| 0.5 gpm/ft ² | 100 ft ² | 50 gpm | 19.9 psi | 1,000 gpm |
| 0.6 gpm/ft ² | 100 ft ² | 60 gpm | 28.7 psi | 1,200 gpm |
| 0.7 gpm/ft ² | 100 ft ² | 70 gpm | 39.1 psi | 1,400 gpm |
| 0.8 gpm/ft ² | 100 ft ² | 80 gpm | 51.0 psi | 1,600 gpm |

VK580 - 16.8 (242) K-Factor Standard Response CMDA Upright



| | |
|--------------|------------|
| Base Part #: | 12739 |
| Tech Data #: | 13a-d |
| Response: | Standard |
| Element: | Glass Bulb |
| NPT Thread: | 3/4 in |

Listings and Approvals
cULus, FM

| Example Density | Std CMDA Spk Spacing | (Q) Flow Rate / Sprinkler | (P) Starting Pressure | Example Water Demand (2,000 ft ² design area) |
|--------------------------|----------------------|---------------------------|-----------------------|--|
| 0.45 gpm/ft ² | 100 ft ² | 45 gpm | 7.2 psi | 900 gpm |
| 0.5 gpm/ft ² | 100 ft ² | 50 gpm | 8.9 psi | 1,000 gpm |
| 0.6 gpm/ft ² | 100 ft ² | 60 gpm | 12.8 psi | 1,200 gpm |
| 0.7 gpm/ft ² | 100 ft ² | 70 gpm | 17.4 psi | 1,400 gpm |
| 0.8 gpm/ft ² | 100 ft ² | 80 gpm | 22.7 psi | 1,600 gpm |

Intermediate Level Sprinklers

Preassembled with Water Shield

VK550 - 5.6 (81) K-Factor SR Upright



| | |
|--------------|------------|
| Base Part #: | 10138--U |
| Tech Data #: | 131a-e |
| Response: | Standard |
| NPT Thread: | 1/2 in |
| Finish: | Std. Brass |

- Also available with fusible link (VK552-p/n 05557--U)
- Shield protects sprinkler from water discharge above

Preassembled with Water Shield

VK560 - 8.0 (115) K-Factor SR Upright



| | |
|--------------|------------|
| Base Part #: | 10141--U |
| Tech Data #: | 131a-e |
| Response: | Standard |
| NPT Thread: | 3/4 in |
| Finish: | Std. Brass |

- Also available with fusible link (VK562-p/n 05514--U)
- Shield protects sprinkler from water discharge above

Preassembled with Water Shield

VK556 - 5.6 (81) K-Factor QR Upright



| | |
|--------------|------------|
| Base Part #: | 06661B--U |
| Tech Data #: | 131a-e |
| Response: | Quick |
| NPT Thread: | 1/2 in |
| Finish: | Std. Brass |

- Also available with fusible link (VK551-p/n 12279--U)
- Shield protects sprinkler from water discharge above

Preassembled with Water Shield

VK566 - 8.0 (115) K-Factor QR Upright



| | |
|--------------|------------|
| Base Part #: | 06665B--U |
| Tech Data #: | 131a-e |
| Response: | Quick |
| NPT Thread: | 3/4 in |
| Finish: | Std. Brass |

- Shield protects sprinkler from water discharge above
- Use where sprinkler guards are not required
- Also available with fusible link (VK567-p/n 13976--U)

Preassembled with Sprinkler Guard

VK100 - 5.6 (81) K-Factor SR Upright



| | |
|--------------|------------|
| Base Part #: | 10138--G |
| Tech Data #: | 131a-e |
| Response: | Standard |
| NPT Thread: | 1/2 in |
| Finish: | Std. Brass |

- Also available with fusible link (VK108-p/n 05557--G)
- Preassembled guard protects sprinkler from damage

Preassembled with Sprinkler Guard

VK200 - 8.0 (115) K-Factor SR Upright



| | |
|--------------|------------|
| Base Part #: | 10141--G |
| Tech Data #: | 131a-e |
| Response: | Standard |
| NPT Thread: | 3/4 in |
| Finish: | Std. Brass |

- Also available with fusible link (VK204-p/n 05514--G)
- Preassembled guard protects sprinkler from damage

Preassembled with Sprinkler Guard

VK102 - 5.6 (81) K-Factor SR Pendent



| | |
|--------------|------------|
| Base Part #: | 10139--G |
| Tech Data #: | 131a-e |
| Response: | Standard |
| NPT Thread: | 1/2 in |
| Finish: | Std. Brass |

- Also available with fusible link (VK110-p/n 05508--G)
- Preassembled guard protects sprinkler from damage

Preassembled with Sprinkler Guard

VK202 - 8.0 (115) K-Factor SR Pendent



| | |
|--------------|------------|
| Base Part #: | 10142--G |
| Tech Data #: | 131a-e |
| Response: | Standard |
| NPT Thread: | 3/4 in |
| Finish: | Std. Brass |

- Also available with fusible link (VK206-p/n 05516--G)
- Preassembled guard protects sprinkler from damage

Preassembled with Sprinkler Guard

VK300 - 5.6 (81) K-Factor QR Upright



| | |
|--------------|------------|
| Base Part #: | 06661B--G |
| Tech Data #: | 131a-e |
| Response: | Quick |
| NPT Thread: | 1/2 in |
| Finish: | Std. Brass |

- Also available in high pressure (250 PSI)-VK315
- Also available with fusible link (VK204-p/n 05514--G)

Preassembled with Sprinkler Guard

VK350 - 8.0 (115) K-Factor QR Upright



| | |
|--------------|------------|
| Base Part #: | 06665B--G |
| Tech Data #: | 131a-e |
| Response: | Quick |
| NPT Thread: | 3/4 in |
| Finish: | Std. Brass |

- Preassembled guard protects sprinkler from damage

Preassembled with Sprinkler Guard

VK302 - 5.6 (81) K-Factor QR Pendent



| | |
|--------------|------------|
| Base Part #: | 06662B--G |
| Tech Data #: | 131a-e |
| Response: | Quick |
| NPT Thread: | 1/2 in |
| Finish: | Std. Brass |

- Also available in high pressure (250 PSI)-VK317
- Also available with fusible link (VK303-p/n 12275--G)

Preassembled with Sprinkler Guard

VK352 - 8.0 (115) K-Factor QR Pendent



| | |
|--------------|------------|
| Base Part #: | 06666B--G |
| Tech Data #: | 131a-e |
| Response: | Quick |
| NPT Thread: | 3/4 in |
| Finish: | Std. Brass |

- Preassembled guard protects sprinkler from damage