

VIKING PRODUCT SPECIFICATIONS

Sprinkler Guards and Accessories

A. Sprinkler Guards

1. Model D-1 Sprinkler Head Guard (Factory Installed)
2. Model D-1 Sprinkler Head Guard (Field Installed)
3. Model B-1 and C-1 Sprinkler Water Shields and Guards
4. Model E-1 and F-1 Intermediate / In-Rack

B. Escutcheons

5. Model E-1 / F-1 Adjustable Escutcheon

C. Wrenches and Cabinets

6. Sprinkler Wrenches and Cabinets

D. Cleanroom Sprinkler Cover Assemblies

7. Concealed Sprinkler Cleanroom Covers

E. Residential Sprinkler Extensions

8. Residential Sprinkler Extensions

A. Sprinkler Guards

1. MODEL D-1 SPRINKLER HEAD GUARD (FACTORY INSTALLED)

SPRINKLER 130A

Sprinklers installed at 7'-6" or less above finished floor or are subject to mechanical damage shall be equipped with a cULus Listed and FM Approved head guard. Sprinkler head guard shall mount to the sprinkler head frame. Sprinkler head guard shall be of one single piece that does not require removal from sprinkler when changing of sprinkler is required. Sprinkler head guard shall be mounted on sprinkler by factory and arrive to job site installed onto the sprinkler. Sprinkler head guard to have a clear Chromate over Zinc Plating finish. Sprinkler guard shall be a Viking Model D-1 Sprinkler Head Guard.

2. MODEL D-1 SPRINKLER HEAD GUARD (FIELD INSTALLED)

SPRINKLER 130A

Sprinklers installed at 7'-6" or less above finished floor or are subject to mechanical damage shall be equipped with a cULus Listed and FM Approved head guard. Sprinkler head guard shall mount to the sprinkler head frame. Sprinkler head guard shall be of one single piece that does not require removal from sprinkler when changing of sprinkler is required. Sprinkler head guard shall be mounted on sprinkler in the field. Sprinkler head guard to have a clear Chromate over Zinc Plating finish. Sprinkler Guard shall be a Viking Model D-1 Sprinkler Head Guard.

3. MODEL B-1 AND C-1 SPRINKLER WATER SHIELDS AND GUARDS

SPRINKLER 130C

Fire sprinklers installed in storage racks shall be equipped with a listed sprinkler head guard with an integral water shield to protect the in-rack sprinkler fusible element from water spray by a sprinkler above it. Roof sprinklers subject to mechanical damage shall be equipped with a listed sprinkler head guard. Sprinklers shall be of all brass frame construction with a metal Belleville spring seal, coated on both sides with Teflon film. Sprinklers utilizing non-metal parts in the sealing portion of the sprinkler are strictly prohibited. Sprinkler head guards shall be of the low-profile type and be of a chrome finish. Head guards shall be Viking Model B-1 when installed onto upright sprinklers and Viking Model C-1 when installed onto pendent sprinklers.

4. MODEL E-1 AND F-1 INTERMEDIATE LEVEL / IN-RACK SPRINKLER

SPRINKLER 131A

Sprinklers installed with sprinkler head guards at intermediate levels shall be equipped with cULus Listed and FM Approved water shields. Sprinkler water shields shall be listed with the sprinkler head guard that they are to be installed with. Upright sprinkler heads shall utilize a Viking Model E-1 Water Shield for installation onto a Viking Model D-1 Sprinkler Head Guard. Pendent sprinklers shall utilize a Viking Model F-1 Water Shield for installation onto a Viking D-1 Sprinkler Head Guard.

SIN VK550 = 5.6K 1/2" NPT with a Viking upright intermediate level sprinkler equipped with a 5 mm glass bulb
SIN VK560 = 8.0K 1/2" or 3/4" NPT with a Viking upright intermediate level sprinkler equipped with a 5 mm glass bulb

SIN VK552 = 5.6K 1/2" NPT with a Viking upright intermediate level sprinkler equipped with a fusible link

SIN VK562 = 8.0K 3/4" NPT with a Viking upright intermediate level sprinkler equipped with a fusible link

SIN VK556 = 5.6K 1/2" NPT with a Viking upright intermediate level sprinkler equipped with a quick response 3 mm glass bulb

SIN VK558 = 5.6K 1/2" NPT with a Viking high pressure upright intermediate level sprinkler equipped with a quick response 3 mm glass bulb.

SIN VK566 = 8.0K 3/4" NPT with a Viking upright intermediate level sprinkler equipped with a quick response 3 mm glass bulb

B. Escutcheons

5. MODEL E-1 / F-1 ADJUSTABLE ESCUTCHEON

SPRINKLER 135A

Pendent sprinklers installed through ceilings shall be equipped with two-piece adjustable escutcheons. Adjustable escutcheons shall be cULus Listed and FM Approved for use with the sprinkler head in which they are installed. Escutcheon finish to be chrome (finish as specified elsewhere). Adjustable escutcheons shall be installed in conformance with the manufacturer's installation guidelines. Adjustable escutcheons shall be Viking Model E-1, E-2, and Viking Model F-1 as they apply.

C. Wrenches and Cabinets

6. SPRINKLER WRENCHES AND CABINETS

SPRINKLER 133A

A sprinkler head wrench of each style and model installed shall be provided to the owner at the completion of the project. A representative sampling of each sprinkler head style and model shall be provided to the owner and housed in a sprinkler head cabinet at or near the sprinkler riser. The number of sprinkler heads provided to the owner shall be in accordance with NFPA 13. Sprinkler head wrenches and cabinets shall be manufactured by The Viking Corporation.

D. Cleanroom Sprinkler Cover Assemblies

7. CLEANROOM SPRINKLER CONCEALED PENDENT & COVER ASSEMBLY

SPRINKLER 136G

Fire sprinklers shall be of one manufacturer throughout the building. No mixing of sprinkler brands shall be permitted. Sprinklers shall be of all brass frame construction utilizing a metal Belleville spring seal, coated on both sides with Teflon film. Sprinklers utilizing non-metal parts in the sealing portion of the sprinkler are strictly prohibited. Cleanroom concealed sprinklers shall have a Cleanroom Cover Assembly consisting of a low-profile cover intended for use in Cleanroom environments with Viking Mirage[®] Quick Response Concealed Pendent Sprinkler VK462. The cover plate shall be a 3-5/16" diameter push-on, thread-off assembly (Base Part Number 13642-/CR) with the silicone cover gasket that is an acceptable sprinkler seal for use in a Cleanroom or clean zone. Concealed sprinklers shall have a 1/2" NPT, a standard orifice, and a nominal K Factor of 5.6. Concealed Cleanroom pendent sprinklers shall be a U.L. listed quick response sprinkler as required per NFPA13 for installation in Light Hazard occupancy. Concealed pendent sprinklers shall be U.L. listed for installation in Ordinary Hazard occupancy if installed in Ordinary Hazard occupancy. Concealed Pendent Sprinkler shall be U.L. Listed Viking Mirage Sprinkler SIN VK462 (Base Part Number 13503A) with Cleanroom concealed cover plate with silicone cover Gasket (Base Part Number 13642-/CR). (No Substitutions Allowed).

E. Residential Sprinkler Extensions

8. RESIDENTIAL SPRINKLER EXTENSIONS

SPRINKLER 137H

Fire sprinklers installed within the residential occupancy shall be of a listed residential type. Sprinklers shall be of all brass frame construction with a metal Belleville spring seal, coated on both sides with Teflon film. Sprinklers utilizing non-metal parts in the sealing portion of the sprinkler are strictly prohibited. Residential sprinkler extensions shall be installed in conformance with the manufacturer's installation guidelines and the applicable installation standard. Residential sprinkler extensions shall have a 1/2" NPT inlet and outlet, for use with listed Viking residential sprinklers having a nominal K Factor of 5.5 or less, for retrofit only. Residential Sprinkler Extension shall be Viking Part Number 14959 (1" length), 14960 (1-1/8" length), or 14961 (1-1/4" length). (No Substitutions Allowed).