



## Freedom® Residential | VK480 Flat Concealed Sidewall Sprinkler

Viking's Freedom® Residential Model VK480 combines the design and installation advantages of a horizontal sidewall sprinkler with the enhanced appearance of a flat plate concealed design. Now you can provide an aesthetically pleasing solution when installing pipes in interior heated wall spaces to help alleviate freezing concerns.

- Patented design using Viking's innovative flow-shaper technology.
- cULus listed for coverage areas as large as 16 x 18 ft (4.9 x 5.5 m).
- Low flow and pressure requirements - For 16 x 16 ft coverage area, the VK480 is UL listed at 16 gpm (61 lpm) at 16 psi (110 kPa).
- Available in durable ENT plating to resist corrosion, scratching, chipping, and flaking.
- May be installed from 4-3/8" to 12-3/8" below ceiling (measured to centerline of sprinkler).
- Innovative pipe guide, which is included standard with the sprinkler, allows for easy installation in a typical 2" x 4" stud space.
- Installation wrench designed to help ensure proper positioning of sprinkler with deflector parallel to floor.
- Cover plate diameter = 3-5/16" (84 mm) - Available in a nearly unlimited variety of custom colors.

**Model Number:** VK480

**Base Part Number:** 16116

**Listings/Approvals:** cULus, NYC

**K Factor:** 4.0 (58)

**Connection:** 1/2" NPT (15mm)

**Temperature:** 165°F (74°C)  
205°F (96°C)

**Operating Element:** Fusible Link

**Cover Plate:** 16207MA/W  
(135°F, White)

**Item Price Group:** V181

**Occupancy/Hazard:** Residential

**Wrench:** 16208W/R (heavy duty)

**Technical Datasheet:** F\_121609

MKT-1061

General reference only. Prior to the design, layout, and/or installation of any sprinkler system, please refer to Viking's technical documentation and consult with the AHJ.

**Contact your local Viking SupplyNet office to place an order today!**

### The Viking Corporation

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