



ESFR Dry Pendent Sprinklers

Viking's FM Approved dry ESFR sprinklers combine the suppression benefits of an ESFR with the advantages of a dry type sprinkler for cold storage facilities. When supplied from a wet pipe system installed in a conditioned space, Viking's ESFR dry type sprinklers allow for the protection of certain cold storage facilities with ceiling only sprinklers.

The elimination of in-rack sprinklers and preaction systems provides for a lower total installed cost, reduced service and maintenance requirements and greater racking flexibility, while also helping to minimize potential damage by forklifts.

Features and advantages of Viking's ESFR dry pendent sprinklers:

- Early Suppression Fast Response (ESFR) sprinklers specifically designed to suppress high-challenge storage fires
- Model VK512 enables lower pressures, which may allow for reduced sizing of system piping, fire pumps and other components
- Intended for cold storage facilities where wet system piping is installed in a conditioned space above the insulated ceiling, often referred to as box-in-box construction (must be installed on wet pipe system only)
- Viking's dry ESFR sprinklers are approved to protect the same commodities and storage arrangements as their corresponding standard (wet) ESFR sprinklers with same K-factor
- Can be used with the Cold Storage Bracket which securely affixes the sprinkler to the cooler or freezer ceiling, enabling flexible installation with a flex hose that moves with the ceiling, preventing seal disruptions and eliminating rigid piping risks



For more information, please contact your Viking sales representative or visit our website at vikinggroupinc.com.



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.

Trusted above all.™

TECHNICAL SPECIFICATIONS

Model Number:	VK502, K14 (202) VK504, K16.8 (242) VK512, K25.2 (363)
Listings/Approvals:	FM Approved
Connection Types:	1-1/2" Threaded NPT 1-1/2" Grooved 2" Grooved
Temperature:	165°F (74°C) 205°F (96°C)
Operating Element:	Fusible Link
Bracket Sizes:	Large: 1/2" thick with a 1-5/8" inner diameter Small: 1/2" thick with a 1-5/16" inner diameter
Item Price Group:	VK502: V151 VK504: V152.1 VK512: V152
Occupancy/Hazard:	Storage
Technical Datasheet:	VK502: F_042012 VK504: F_062613 VK512: F_071221

DIGITAL TOOLS



Viking's revolutionary Sprinkler Selector ensures that you can find the right sprinkler for the job — every time. Get started by visiting webtools.vikingcorp.com/sprinklerselector.

MKT-1050

