VIKING®	TECHNICAL BULLETIN	ACCELERATOR-VXD SYSTEM CONNECTION

1. PRODUCT IDENTIFICATION

This document covers the following products:

- Model E-1 Accelerator
- Model VXD Data Center Upgradeable
- Model VXD Double Interlock Preaction Systems

2. INTENDED USE

The Viking Model E-1 Accelerator can be connected to the base trim of the Model VXD Data Center Upgradeable and select VXD Double Interlock Preaction System. The accelerator acts as a quick-opening device that is designed to increase the VXD system's operating speed.

The Model E-1 accelerator is intended to be installed in accordance with the following:

1. the product's Listings, Approvals, and associated requirements.
2. the recognized design and installation standards issued, for example, by NFPA, FM, EN, VdS, or LPCB.
3. the latest revisions of all applicable manufacturer's documentation.

3. LISTINGS AND APPROVALS

For Listing and Approval specifications, refer to the appropriate Viking technical data sheets.

4. INSTALLATION

4.1 General Installation Instructions for the Model E-1 on a VXD System

1. Remove all plastic thread protectors from the accelerator openings.
2. Apply a small amount of pipe-joint compound or tape to the eternal threads of all pipe connections required.
   NOTE: Ensure no pipe-joint, tape, or other foreign matter is inside the accelerator or trim nipples or openings.
3. Install the accelerator to the trim through either of the 1/2" (15 mm) NPT threaded openings on the accelerator.
   NOTE: The accelerator must be installed upright (air gauge opening is on top). Refer to Figures 1 and 2.
4. After installing the accelerator, install the 1/2" (15 mm) NPT plug (included) on the accelerator opening not in use.
   NOTE: Do NOT obstruct or plug the opening at the bottom of the accelerator. This opening must remain unobstructed to vent to atmosphere.
5. At the top of the accelerator, install a 0-80 PSI (0-5.5 bar) air gauge with retard to 250 PSI (17.2 bar) in the 1/4" (8 mm) NPT opening.
   NOTE: Do NOT expose the accelerator to a hydrostatic test.

NOTICE

The images herein are intended for a general understanding of how to connect the Model E-1 accelerator to a Viking VXD system. The connection may vary on the type of VXD system in use.

VIKING®	TECHNICAL BULLETIN	ACCELERATOR-VXD SYSTEM CONNECTION

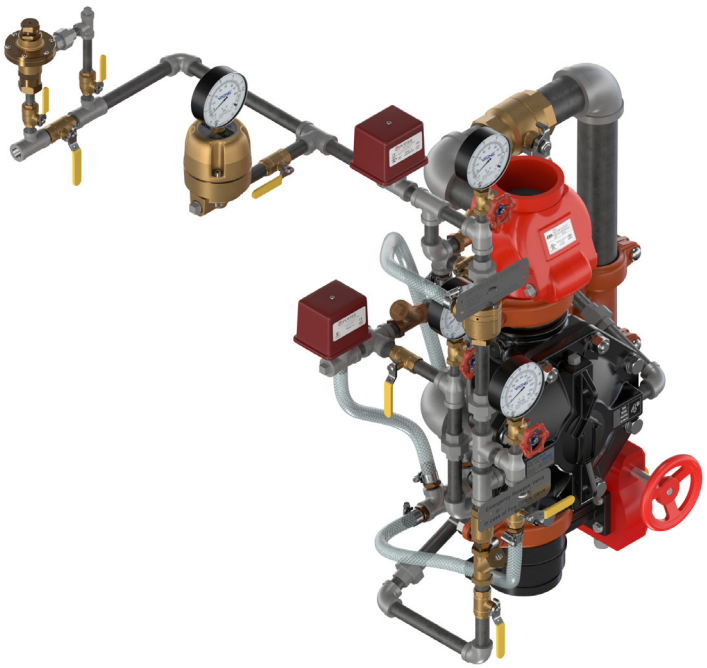


Figure – 1: Model E-1 Accelerator Connecting to Model VXD Upgradeable

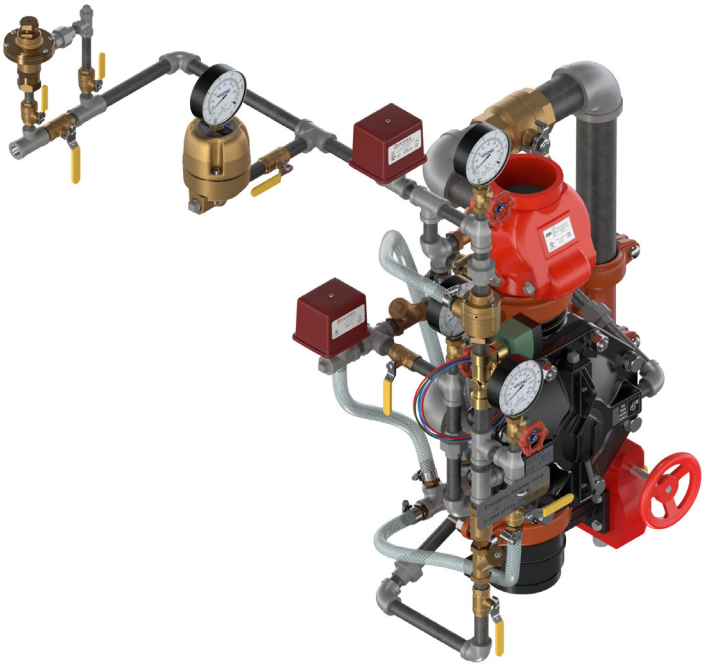


Figure – 2: Model E-1 Accelerator Connecting to Model VXD Double Interlock Preaction System

5. CONTACT

All Viking products are available through Viking distributors only. Contact your local Viking sales office, which can be found on our website:

Americas and Asia: www.vikinggroupinc.com/locations OR Europe, Middle East, Africa (EMEA): www.viking-emea.com/contact

Manufacturer:

The Viking Corporation
5150 Beltway SE
Caledonia, MI 49316
Tel.: (800) 968–9501
Fax: 269–818–1680
Technical Services: 1–877–384–5464
techsvcs@vikingcorp.com

Importer EU:

Viking S.A.
21, Z.I, Haneboesch
L–4562 Differdange / Niederkorn
Tel.: +352 58 37 37 – 1
Fax: +352 58 37 36
vikinglux@viking–emea.com

Asia Pacific (APAC) Main Office:

The Viking Corporation (Far East) Pte. Ltd.
69 Tuas View Square
Westlink Techpark, Singapore 637621
Tel: (+65) 6 278 4061
Fax: (+65) 6 278 4609
vikingAPAC@vikingcorp.com