

## Engineering Specification

Job Name \_\_\_\_\_

Contractor \_\_\_\_\_

Job Location \_\_\_\_\_

Approval \_\_\_\_\_

Engineer \_\_\_\_\_

Contractor's P.O. No. \_\_\_\_\_

Approval \_\_\_\_\_

Representative \_\_\_\_\_

# Commercial Excess Flow Valve

The Dormont Commercial Excess Flow Valve helps safeguard the foodservice commercial kitchen with its revolutionary design.

In the event of a gas line rupture or disconnection, the Dormont Commercial Excess Flow Valve detects the potential threat and automatically activates.

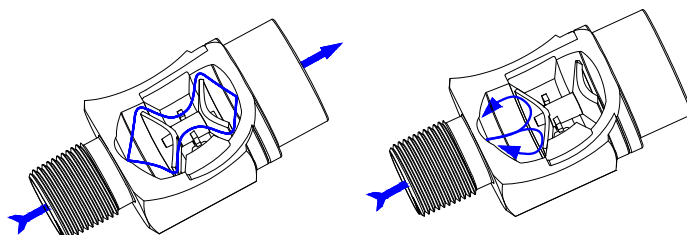
When activated, an internal valve limits the flow of gas helping to protect against a harmful build-up of gas within the space.

### Benefits

- Protection against excessive gas leaks
- Automatic reset
- Easy to install
- Compatible with most commercial gas appliances
- Made in the USA

### Features

- Error-proof bidirectional design
- High temperature, gas compatible, flow-limiting internal valve
- Corrosion-resistant steel construction
- CSA Certified to ANSI Z21.93/CSA 6.30
- California DSA Certified (CA-DSA)
- Commonwealth of Massachusetts Approved
- For use with Dormont Gas Appliance Connectors only



Full flow during standard operation, providing the supply needs for the gas appliance

Gas flow is restricted by the internal valve due to full line rupture or disconnect, providing protection against excessive gas leaks

**Patented**

### ⚠ WARNING

Installation and service **MUST** be performed by qualified installer. Installer must read and follow all Dormont safety, use, sizing, installation and care instructions and follow all building codes, construction standards, appliance manufacturer recommendations and instructions, and applicable ANSI standards

### NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

Dormont product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Dormont Technical Service. Dormont reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Dormont products previously or subsequently sold. Refer to the owner's manual for warranty information.

**Dormont**<sup>®</sup>  
A WATTS Brand

Call customer service if you need assistance with technical details.

EFV SIZING TABLE	MODEL EFV40-V10	
	Rated Trip	Max Capacity
Horizontal	310 @ 2.33	275 @ 0.88
Vertical Up	330 @ 2.46	290 @ 0.98
Vertical Down	295 @ 2.20	265 @ 0.82
Inlet	¾" MNPT	
Outlet	¾" FNPT	

### NOTICE

1. Rated Trip Flow and Max Flow Capacity values are kBTU/hr @ max. "w.c. PD (natural gas, 0.64 s.g., 1000 BTU/cu.ft.).
2. A minimum of 5" w.c. inlet pressure is required with a maximum inlet pressure of 14" w.c. (½ psig).
3. For more information on flow rates with a specific Dormont gas connector, contact 1-800-DORMONT.
4. Operating temperature: -20°F to 200°F (-29°C to 93°C).
5. Bypass rate: MAX 2.5 SCFH at 0.5 psi.
6. Installation orientation: Multi-poise (horizontal, vertical up, vertical down).
7. EFV Type: EFVB (Bypass with automatic reset).
8. Maximum trip flow is 1.4 times the rated trip flow.



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