



PRODUCT SPECIFICATION SHEET

FEL Drop Weight Fire Valve

BRAND:



TOP SPEC:

Includes
Fitting Kit

PAGE

1/2

Product Description

The FEL Valves range of Free Fall Fire Valves are suitable for installation in either horizontal or vertical pipe work, and are designed to provide a positive, 100% shut off when used as a fuel isolating valve, or opening, when used as a fuel dump valve. A standard Free Fall Valve assembly comprises of a valve, lever and weight, together with a fitting kit.

All standard valves are manufactured in cast iron to ASTM A126 Gr B and are approved by both the American Gas Association and Canadian Gas Association, as well as being 'UL' listed. All valves are suitable for use with fuel oils and gases at pressures up to 14 bar.

Valves with screwed connections have BSP tapered threads, whilst flanged valves are available with either BS 4504 PN 16 flange drillings or to ANSI 125.

FEL Free Fall Fire Valves are also available with carbon or stainless steel body and plug materials.



Main Features

- Sizes available: 1/2", 3/4", 1", 1.5" & 2" BSP
- Screwed BSP tapered or PN16 flanged
- Vertical or horizontal installation
- Includes fitting kit

Free Fall Valves Overview

Free Fall Valves may be actuated mechanically or electrically. The majority of installations use mechanical actuation by fusible link, therefore each Fire Valve is supplied with a Fire Valve Kit, available in three sizes, Small (15 to 50mm valves), Medium (65 to 100mm valves) and Large (125 to 200mm valves).

Kits contain varying numbers of Pulley Wheels, Stainless Steel Cable, Fusible Links, Warning Signs, Cable Connectors and Tension Springs, any of which may be purchased as individual products. For more product info, please see the second page.

Electrically actuated Fire Valve systems utilise a standard valve, lever and weight, however an electrical Release System is used, essentially, allowing actuation by making or breaking an electrical circuit. The installation of a valve mounted Mercury Switch, Electro Mechanical Release or Wall Mounted Changeover Switch may provide remote signalling of the Fire Valve status, or allow direct switching of electrical equipment where applicable.

NEED MORE INFORMATION?

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FEL Drop Weight Fire Valve

SKU: FEL72

Description	Specifications (Fitting Kit Included With All)	Part Number
FEL Free Fall Fire Valve - 1/2" BSP Tapered	<ul style="list-style-type: none"> • Connection: 1/2" (15mm) • Type: BSP Tapered Threads 	FV20-001
FEL Free Fall Fire Valve - 3/4" BSP Tapered	<ul style="list-style-type: none"> • Connection: 3/4" (20mm) • Type: BSP Tapered Threads 	FV20-003
FEL Free Fall Fire Valve - 1" BSP Tapered	<ul style="list-style-type: none"> • Connection: 1" (25mm) • Type: BSP Tapered Threads 	FV20-005
FEL Free Fall Fire Valve - 1 1/2" BSP Tapered	<ul style="list-style-type: none"> • Connection: 1 1/2" (40mm) • Type: BSP Tapered Threads 	FV20-009
FEL Free Fall Fire Valve - 2" BSP Tapered	<ul style="list-style-type: none"> • Connection: 2" (50mm) • Type: BSP Tapered Threads 	FV20-011
FEL Free Fall Fire Valve - 1/2" PN16 Flanged	<ul style="list-style-type: none"> • Connection: 1/2" (15mm) • Type: PN16 Flanged 	FV20-002
FEL Free Fall Fire Valve - 3/4" PN16 Flanged	<ul style="list-style-type: none"> • Connection: 3/4" (20mm) • Type: PN16 Flanged 	FV20-004
FEL Free Fall Fire Valve - 1/2" PN16 Flanged	<ul style="list-style-type: none"> • Connection: 1/2" (15mm) • Type: PN16 Flanged 	FV20-002
FEL Free Fall Fire Valve - 3/4" PN16 Flanged	<ul style="list-style-type: none"> • Connection: 3/4" (20mm) • Type: PN16 Flanged 	FV20-004
FEL Free Fall Fire Valve - 1" PN16 Flanged	<ul style="list-style-type: none"> • Connection: 1" (25mm) • Type: PN16 Flanged 	FV20-006
FEL Free Fall Fire Valve - 1 1/2" PN16 Flanged	<ul style="list-style-type: none"> • Connection: 1 1/2" (40mm) • Type: PN16 Flanged 	FV20-010
FEL Free Fall Fire Valve - 2" PN16 Flanged	<ul style="list-style-type: none"> • Connection: 2" (50mm) • Type: PN16 Flanged 	FV20-012

Accessories & Spares

Description	Specifications	Part Number
Small Fitting Kit for 15-50mm Valve Sizes	<ul style="list-style-type: none"> • Kit Includes: x1 Caution Sign & Card • x2 "S" Hooks • x1 Tension Spring • x2 M6 Pull • x2 M6 Pulley Assembly, 40mm Diameter with Backplate • x1 316 Stainless Steel Cable (10m) • x1 M6 Brass Anchor with Backplate • x1 72°C Fusible Link • x8 Cable Connectors 	FV20-060
Medium Fitting Kit for 65-100mm Valve Sizes	<ul style="list-style-type: none"> • Kit Includes: x2 Caution Sign & Card • x4 "S" Hooks • x2 316 Stainless Steel Cable (10m) • x1 M6 Brass Anchor with Backplate • x10 Cable Connectors • x1 Cable Turnbuckle • x2 72°C Fusible Link • x4 M6 Pulley Assembly, 40mm Diameter with Backplate 	FV20-061
Large Fitting Kit for 125-200mm Valve Sizes	<ul style="list-style-type: none"> • Kit Includes: x3 Caution Sign & Card • x6 "S" Hooks • x1 316 Stainless Steel Cable (30m) • x16 Cable Connectors • x3 72°C Fusible Link • x1 M6 Brass Anchor with Backplate • x1 Cable Turnbuckle • x8 M6 Pulley Assembly, 40mm Diameter with Backplate 	FV20-062

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