

# Irritrol® IV25FC SERIES

Designed for light commercial and residential use, suited to contractor installation with enhanced performance and exceptional reliability.

## FEATURES & BENEFITS

- Watermark approved
- Perforated (14 paths) debris resistant, Nitrile diaphragm assembly
- Large balanced diaphragm (no spring)
- Extremely slow closing (only causes pressure spike of 15%)
- Heavy duty, corrosion and UV resistant 30% glass filled nylon 66 construction
- Threaded bonnet permits fast and easy servicing
- Australian made and designed
- Manual internal bleed enables valve to be opened without filling valve box with water
- Encapsulated 25% glass filled nylon 66, solenoid assembly
- Ergonomic flow control handle allows precise flow adjustment
- Removable, "tamper resistant" flow control handle
- Easy to read "Flow" direction arrows for installation
- Serviceable with 22 mm metric socket/spanner
- IV25FC-L valve with DC latching coil does not include flow control and internal manual bleed lever.



IV25FC Irritrol Valve with Flow Control



IV25FC Irritrol Valve with DC Latching Coil

## SPECIFICATIONS

### Operating Specification

**Flow Range:** 1.3-120 Lpm

**Pressure Range:** 70-1250 kPa

### Electrical Specification

#### IV25FC

- **Inrush Volt-Amp:** 24 VAC-6.0 VA
- **Inrush Current:** 0.25 amp
- **Holding Volt-Amp:** 24 VAC-4.5 VA
- **Holding Current:** 0.18 amp

#### IV25FC-L

- 4-9 V DC Latching (max. pressure 820 kPa)
- **Pulse Width:** 20-40 ms

### Dimensions (L x W x H)

Code	Length (mm)	Width (mm)	Height (mm)
IV25FC	105	82	115
IV25FC-L	105	82	115

### Ordering Information

Code	Description
IV25FC	25 mm Nyglass Solenoid Valve with Flow Control
IV25FC-L	25 mm Nyglass Solenoid Valve with DC Latching Coil

### IV25FC Valve Friction Loss Data – kPa

		Description					
Size	1	50	60	80	100	120	
25 mm	1	1	5	20	30	44	

Shading indicates flow range.