



INTEGRATED MANIFOLD ASSEMBLY FOR FLOOR CONTROL STATION

MODEL: SFL-IMA-300



GENERAL DESCRIPTION

The SANFLO Integrated Manifold Assembly (IMA) is a complete Shotgun Riser Assembly that integrates all of the necessary components into one single assembly. This is a major time saver at every single step of the design, fab, purchasing and installation process – SAVING TIME, SPACE, AND COST. The IMA provides a very compact footprint to help overcome tight space installation challenges at the job site.

SYSTEM DESIGN

The SANFLO IMA integrates all of the necessary Riser Assembly Components – Butterfly (Control) Valve, Swing Check Valve, Water Flow Detector, Test & Drain Valve, and an adjustable pressure relief kit and gauges, as required by NFPA standards. This feature replaces the need to order individual components, saving you time, space, and labor costs. The Sanflo IMA meets NFPA 13 requirements for Floor Control Valve Assemblies where there exists Multi-Story buildings that exceed two stories in height. Multi-Story buildings require “zoning” by floor.

SIZES 2” TO 8”



KEY TECHNICAL FEATURES

Max working pressure: 300psi (21 bar)	Min/max working temperature: 25°F to 160°F (-4°C to 70°C)
Flange Standard: ASME / ANSI B16.1, Class 125 or B16.42, Class 150	European Flange Standard: BS EN1092-2, PN16
Groove Standard: AWWA C606	Available Connections: GR x GR or GR x FL
All Sub Assembly Components are UL and FM approved	Diameters: 2”, 2.5”, 3”, 4”, 6”, and 8”

**For specific technical features of an individual component, please refer to individual data sheets: SFL-BV-300-G, SFL-SC-350-G, SFL-WFD-VT, SFL-TD-PRV-A, and SFL-GAU-300-3.5



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CARE AND MAINTENANCE

No regular maintenance is required; however, it is advisable to annually inspect and verify proper operation. The frequency of testing, inspections, and/or maintenance is the sole responsibility of the end user. Only qualified fire protection integrators should perform any required maintenance involving the valve.

ORDERING INFORMATION

Specify **MODEL SFL-IMA-300** and include assembly size (Diameter) – 2" (50mm) 2.5" (65mm) 3" (80mm) 4" (100mm) 6" (150mm) 8" (200mm)

SANFLO PRODUCT WARRANTY

One (1) year from original sale date. Sanflo guarantees to repair or replace any products deemed to be defective in material or fabrication. Visit our website for full warranty details.

DIMENSIONS - MM

SIZE	A	B	C	E	F
2"	600	140	148	169	88
2.5"	620	145	163	181	86.5
3"	580	160	178	198	97
4"	610	210	198	214	115
6"	735	245	228	270	133
8"	840	275	272	725	148

SUB ASSEMBLY COMPONENTS

NO.	Name	Qty.	Material
1	Component Grooved butterfly valve with supervisory switch	1	SFL-BV-300-G
2	Swing check valve	1	SFL-SC-350-G
3	Water flow detector	1	SFL-WFD-VT
4	Test & drain, angle prv valve	1	SFL-TD-PRV-A
5	Fire sprinkler gauge	1	SFL-GAU-300-3.5
6	Connection pipe	1	SS304
7	Three way valve	1	BRASS/BRONZE
8	Grooved coupling	2	DUCTILE IRON