

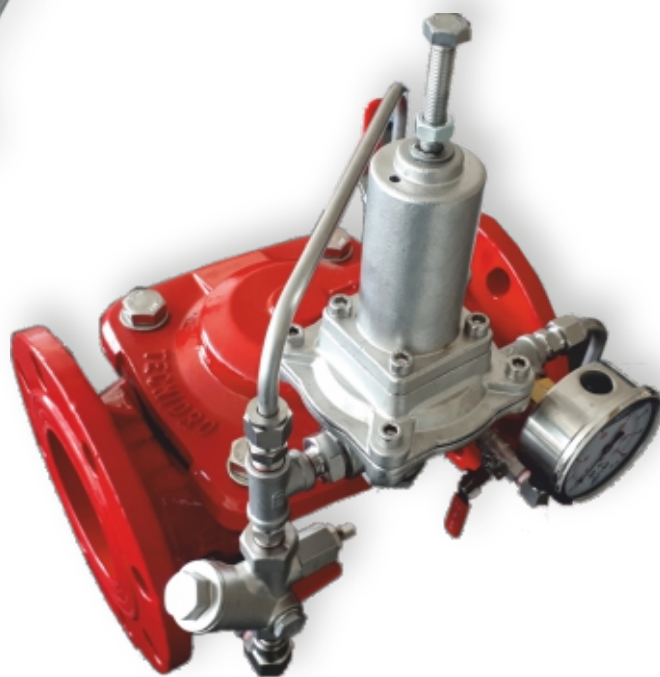


Fire Protection Valves

 *since 1987*



Deluge Valves

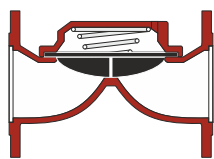


& Water Control Valves

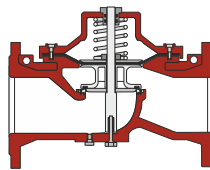


Italian manufacturer of automatic valves
for water and foam extinguishing systems

IM-F Series (diaphragm type)



HM-F Series (globe type)

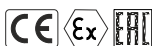


IDROMEMBRANA®



Std. Materials:

Body and bonnet: Ductile Iron EN GJS 400 / ASTM A536
 Verniciatura: High Built Fusion Bonded Epoxy, Red RAL3000
 Diaphragm: Nylon Reinforced NR Rubber
 Spring: AISI302 Stainless Steel
 Support: PP
 Bolts: class A2 Stainless Steel
 Trims: stainless steel, brass/copper



Std. Features:

Fluids: water, foam
 Pressures: design 17,2 [bar] (250 psi)
 working min. 1,5 [bar] (21,0 psi)
 Temperatures: fluid +0,5/+50 [°C] (+32/+122 °F)
 ambient -20/+90 [°C] (-4/+194 °F)
 Installation: horizontal or vertical

Sizes: ● std. ● on request

SIZE		Threaded BSP F NPT F	Grooved	Flanged ISO PN10/16 ANSI150#RF-FF
DN 25	1"	●	○	○
DN 32	1 1/4"	●	○	○
DN 40	1 1/2"	●	●	○
DN 50	2"	● (E)	●	●
DN 65	2 1/2"	●	●	●
DN 80	3"	● (E)	● (E)	●
DN100	4"	●	● (E)	●
DN125	5"	○	○	●
DN150	6"	○	●	●
DN200	8"	○	●	●
DN250	10"	○	○	●
DN300	12"	○	○	●
DN350	14"	○	○	●
DN400	16"	○	○	●

Notes: straight or (E) elbow pattern

HYDROMODUL®



Std. Materials:

Body and bonnet: Ductile Iron EN GJS 4/500 / ASTM A536
 Verniciatura: High Built Fusion Bonded Epoxy, Red RAL3000
 Diaphragm: Nylon Reinforced EPDM
 Spring: AISI302 Stainless Steel
 Stem: AISI304/316 Stainless Steel
 Seat: AISI304/316 Stainless Steel
 Bolts: class A2 Stainless Steel
 Trims: stainless steel, brass/copper



Std. Features:

Fluids: water, foam
 Pressures: design 25,0 [bar] (365 psi)
 working min. 0,0/1,5 [bar] (0,0/21,0 psi)
 Temperatures: fluid +0,5/+70 [°C] (+32/+158 °F)
 ambient -20/+90 [°C] (-4/+194 °F)
 Installation: horizontal or vertical

Sizes: ● std. ● on request

SIZE		Threaded BSP F NPT F	Grooved	Flanged ISO PN10/16/25 ANSI150#RF-FF
DN 25	1"	○	○	○
DN 32	1 1/4"	●	●	○
DN 40	1 1/2"	●	●	○
DN 50	2"	●	●	●
DN 65	2 1/2"	○	○	●
DN 80	3"	○	●	●
DN100	4"	○	●	●
DN125	5"	○	○	●
DN150	6"	○	●	●
DN200	8"	○	○	●
DN250	10"	○	○	●
DN300	12"	○	○	●
DN350	14"	○	○	●
DN400	16"	○	○	●



Fire Protection Systems

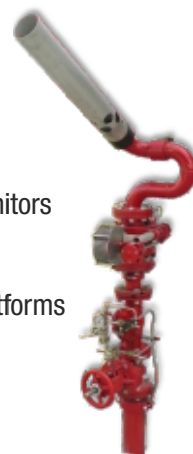
Main Models:

Manual Reset Electric Deluge (classic)
On-Off Electric Deluge
Pneumatic Deluge
Electric & Pneumatic Deluge
Pressure Control & E/P Deluge
Dry Pipe Valve
Single/Double Interlock E/P Pre-Action
Foam Concentrate Valve
Local/Remote Monitor Valve
Local/Remote Hydrant Valve



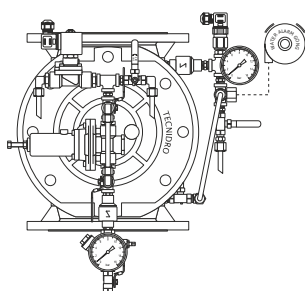
Main Applications:

Water Extinguishing Systems
Water Mist Systems
Foam Bladder Tanks and Monitors
Fire Hydrant Networks
Road & Railway Tunnels
Marine, Naval & Offshore Platforms
Explosive Storage Sites
Helipads and Hangars



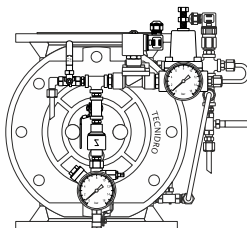
*Manual Reset
Electric Deluge*

Mod. IM-FD 240



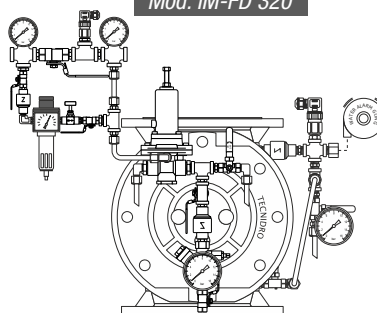
*On-Off Electric Deluge
& Pressure Control*

Mod. IM-FR 240



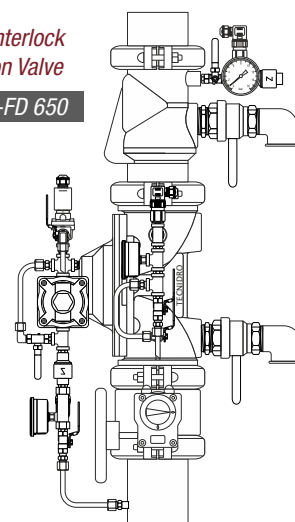
*Pneumatic Deluge
& Air Maintenance Kit*

Mod. IM-FD 320



*Single Interlock
Preaction Valve*

Mod. IM-FD 650



Water Control Systems

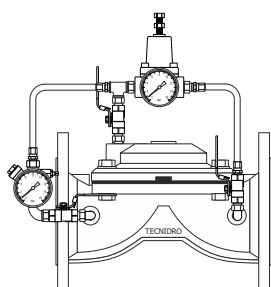
Main Models:

Pressure Control
Pressure Relief
Water Level Control
Automatic Drainage



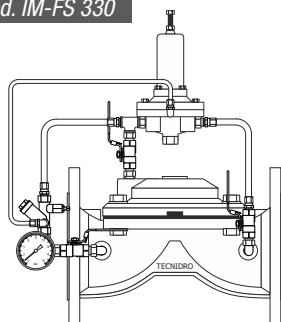
Pressure Reducing

Mod. IM-FR 220



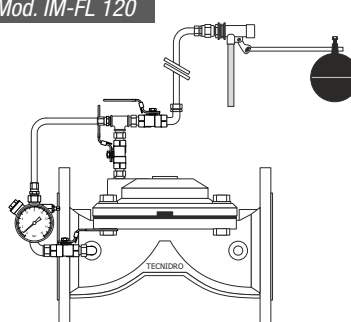
Pressure Relief

Mod. IM-FS 330



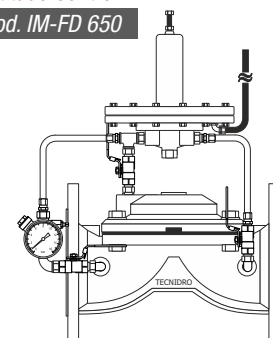
Level Control

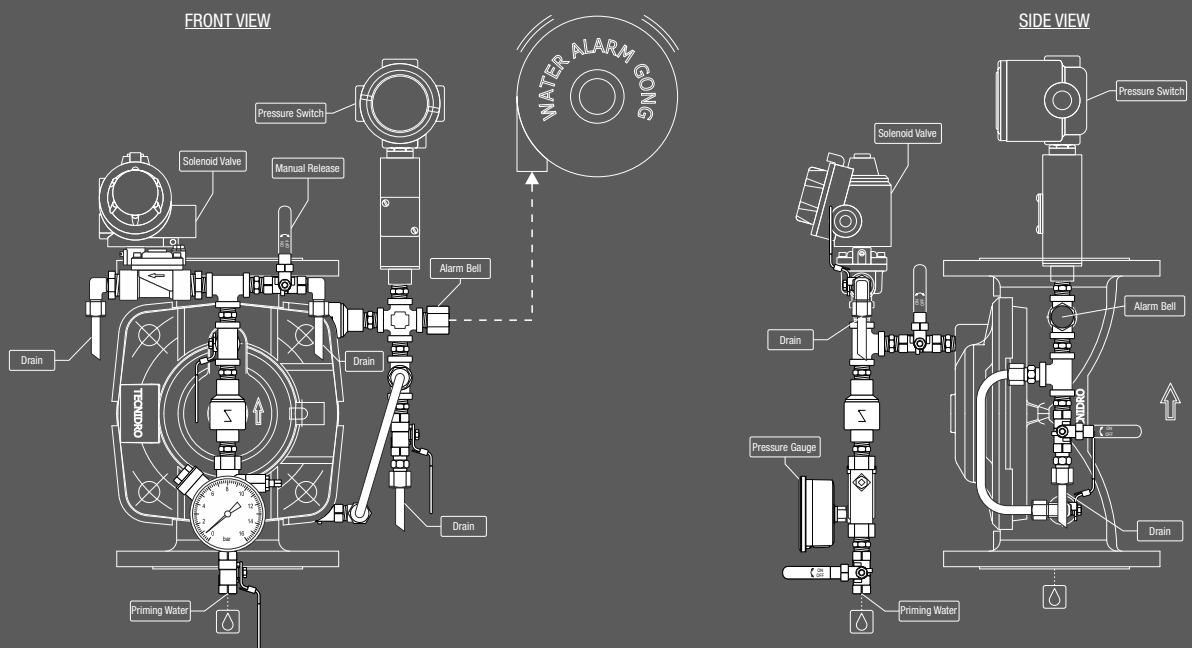
Mod. IM-FL 120



Altitude Control

Mod. IM-FD 650





TECNIDRO

ISO
9001

CE

TECNIDRO S.r.l.
Via Girolamo Gastaldi, 26F
16163 - Genova - IT
www.tecnidro.com