

Modelo FP-400E-3U



Características y ventajas

- Seguridad y confiabilidad
 - Diseño simple, probado en el tiempo, con activación a prueba de fallos
 - Elastómero resistente de una sola pieza, tecnología VRSD
 - Ruta de flujo sin obstáculos y sin interrupciones
 - Sin partes mecánicas móviles
 - Válvula solenoide de 3 vías, lista para UL429A
 - Interruptores de límite de posición de la válvula (opcional)
 - Cumple con los requisitos de los estándares de la industria
- Mantenimiento rápido y fácil
 - Diseñada para alta fiabilidad y fácil mantenimiento
 - Servicio en línea
 - Retiro rápido y fácil de la tapa

Aplicaciones típicas

- Sistemas de detección de incendios eléctricos con paneles de control
- Sistemas automáticos de rociadores de agua
- Aplicaciones de espuma
- Sistemas de agua corrosiva

Aprobaciones



Listada UL
Válvulas especiales de control de agua para sistemas, tipo diluvio (VLFT)
Tamaños 1½" - 10"



Det Norske Veritas
Aprobación
Tamaños de 1½" a 12"



ABS
American Bureau of Shipping
Aprobación
Tamaños 1½" - 12"

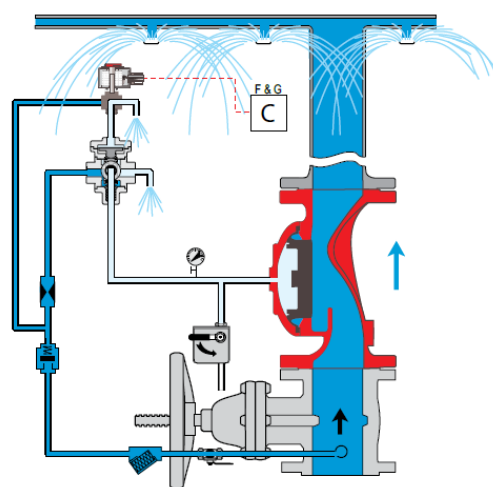
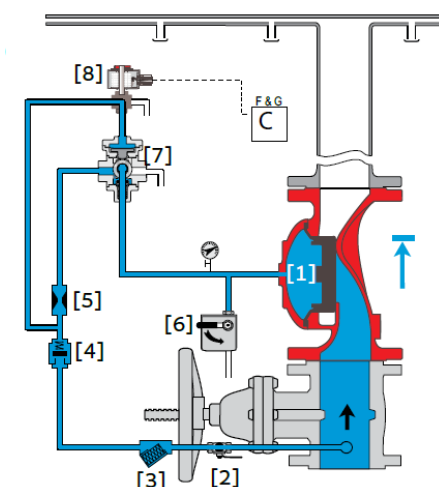


Lloyd's Register
Aprobación
Tamaños 1½" - 10"

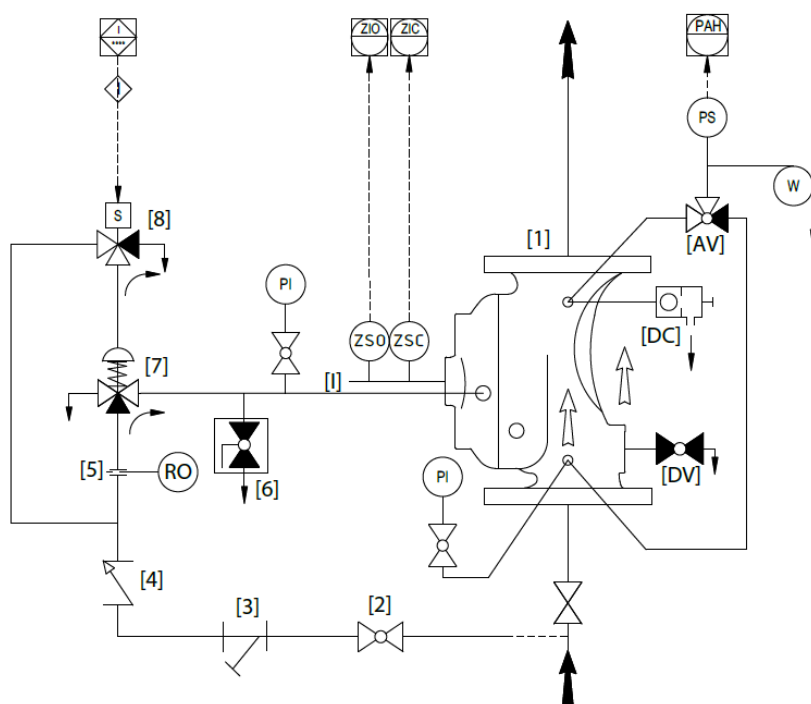
Características adicionales

- Interruptores de límite de posición de válvula
- Compatibilidad con agua de mar
- Restablecimiento remoto (restablecimiento remoto de enclavamiento)
- Revestimiento epoxi de alto espesor a base de zinc resistente a la corrosión

Operación



Esquema del sistema



Componentes	
1	BERMAD 400E Deluge Valve
2	Priming ball valve
3	Priming strainer
4	Válvula de retención (cheque), tipo Lift
5	Restriction Orifice
6	Manual Emergency Release

Elementos opcionales del sistema	
ZS	Conjunto del interruptor de límite *
W	Kit de alarma para motor hidráulico, aluminio recubierto de epoxi
PS	Presostato PS-10 o PS-40
I	
PI	
DV	
DC	Automatic drip check valve
AV	

* Incluido con el sufijo A en el código de la válvula (componentes de drenaje e indicación)

Consulte las designaciones de código y "elementos adicionales suministrados de fábrica" en la página 4

Instalación del sistema

Elementos opcionales del sistema



Water Motor Alarm



Pressure Gauge



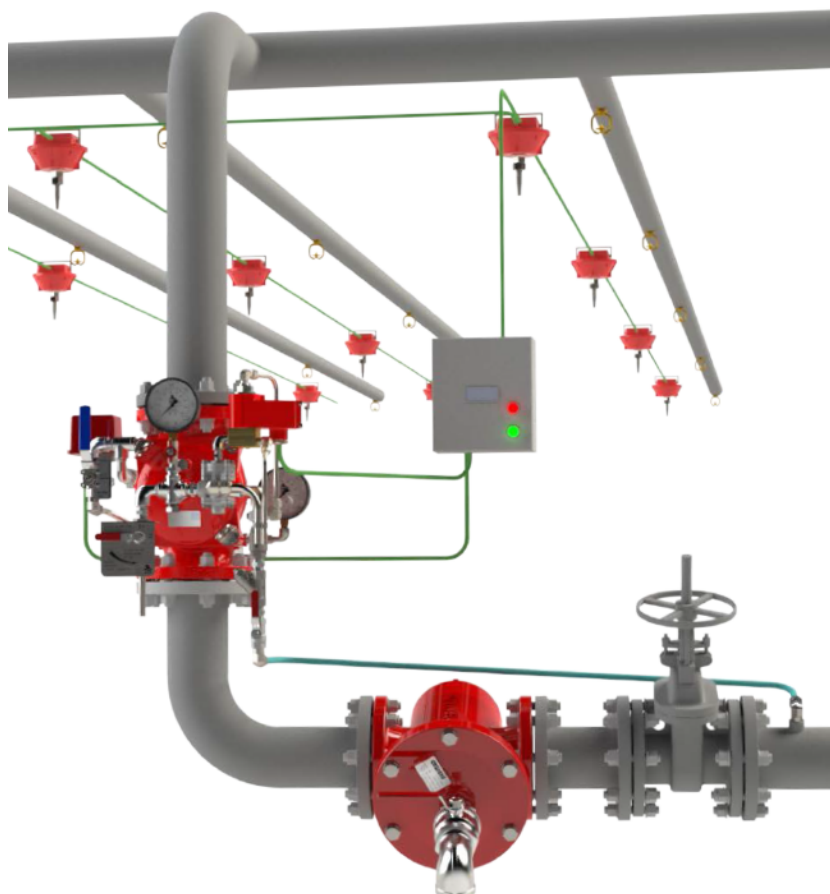
Pressure Switch



Single Ex d
Proximity S.S.316
Limit Switch



Basket Strainer -
60F



Especificaciones sugeridas

Las imágenes de este catálogo se incluyen solo a título de ilustración

Datos técnicos

Tamaños disponibles:

Embridada- 1½, 2, 2½, 3, 4, 6, 8, 10 & 12"

Ranura (Victaulic)- 2, 3, 4, 6, & 8"

Presión nominal:

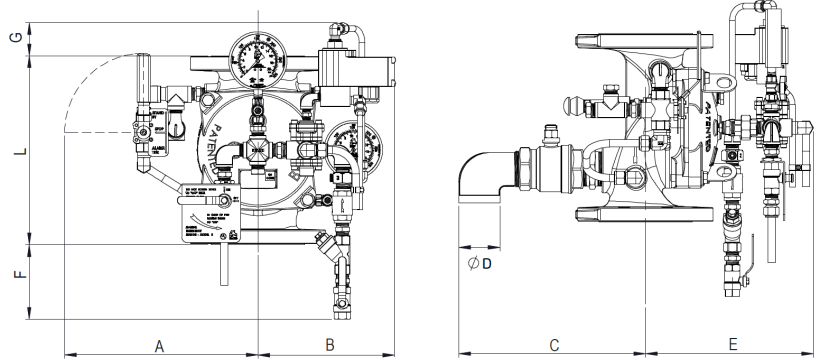
ANSI #150 - 17.2 bar | 250 psi

Ranura (Victaulic) - 17.2 bar | 250 psi

Elastómero:

HTNR - Fabric Reinforced High Temperature

Compound - See engineering data



Tamaño de Válvula	L #150 mm in	L ranurado mm in	A mm in	B mm in	C mm in	ØD in	E mm in	F mm in	G mm in	Peso #150 kg lb
DN40 1½"	205 8.1	-	313 12.3	235 9.3	199 7.8	¾"	229 9	185 7.3	98 3.9	17 38
DN50 2"	205 8.1	205 8.1	313 12.3	235 9.3	199 7.8	1½"	229 9	185 7.3	98 3.9	18 40
DN65 2½"	205 8.1	-	325 12.8	235 9.3	253 10	1½"	230 9.1	186 7.3	98 3.9	21 45
DN80 3"	257 10.1	250 9.8	358 14.1	235 9.3	266 10.5	1½"	264 10.4	160 6.3	72 2.8	29 64
DN100 4"	320 12.6	320 12.6	328 12.9	234 9.2	316 12.4	2"	283 11.1	128 5	41 1.6	42 93
DN150 6"	415 16.3	415 16.3	349 13.7	240 9.4	347 13.7	2"	360 14.2	81 3.2	-	87 192
DN200 8"	500 19.7	-	383 15.1	270 10.6	264 10.4	2"	411 16.2	38 1.5	-	149 329
DN250 10"	605 23.8	-	383 15.1	270 10.6	264 10.4	2"	411 16.2	-	-	166 366
DN300 12"	725 28.5	-	438 17.2	333 13.1	422 16.6	2"	539 21.2	-	-	254 560

IMPORTANTE: Las dimensiones del contorno del trim o sus extensiones se refieren a una orientación vertical y pueden variar según la posición específica de los componentes. Aparte de la dimensión "L", permita una tolerancia de al menos ±15%.

Valve Code Designations

FP	6"	400E-3U	03	V	C	A5	ER	4DC	NN	N6nW																																																				
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Notes:

(1) Other materials available see engineering data

(2) Coated internally and externally

(3) Supplied loose

(4) Consult BERMAID for availability

(5) For valves up to and including 10"

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* NO or NC refers to the main valve status when the Solenoid is de-energized

*More options available – consult BERMAD