

Modelo FP-400E-3U



Benefícios e Características

- Segurança e confiabilidade
 - Design simples, comprovado pelo tempo, com atuação à prova de falhas
 - Elastômero robusto de peça única, tecnologia VRSD
 - Fluxo livre de obstáculos e ininterrupto
 - Sem partes mecânicas móveis
 - Válvula Solenoide 3 Vias Listada UL429A
 - Indicadores de posição chave fim de curso (opcional)
 - Atende aos requisitos das normas da indústria
- Manutenção rápida e fácil
 - Projetada para alta confiabilidade e fácil manutenção
 - Manutenção em linha
 - Remoção rápida e fácil da tampa

Aplicações Típicas

- Sistemas de detecção de incêndio elétricos com painéis de controle
- Sistemas automáticos de pulverização de água
- Aplicações de espuma
- Sistemas de água corrosiva

Aprovações



UL-Listed
Válvulas de Controle de Água para
Sistemas Especiais, Tipo Dilúvio (VLFT)
Diâmetros 1½" - 10"



Det Norske Veritas
Tipo de aprovação
Diâmetros de 1½" a 12"

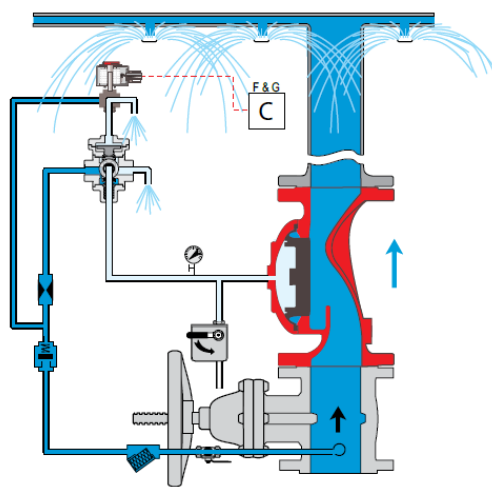
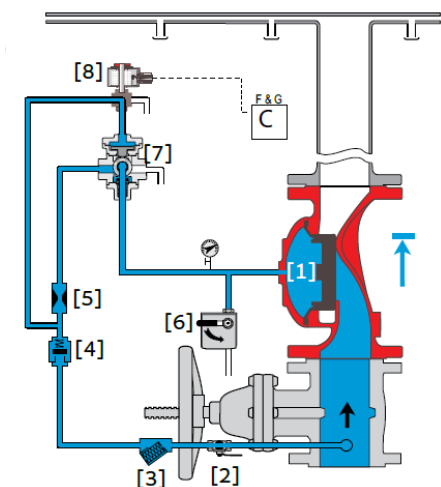


Lloyd's Register
Tipo de aprovação
Tamanhos 1½" - 10"

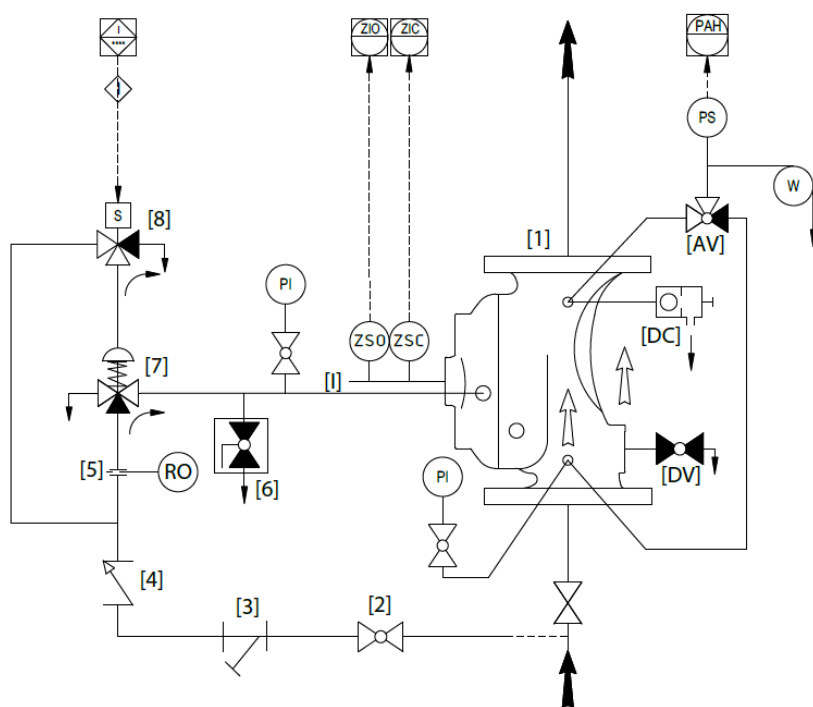
Características Adicionais

- Indicadores de posição chave fim de curso
- Compatibilidade com água do mar
- Rearme Remoto (destravamento remoto)
- Revestimento epóxi de alto desempenho à base de zinco resistente à corrosão

Operação



P&ID do Sistema



Componentes

Itens Opcionais do Sistema

ZS	
W	válvula automática de retenção de gotejamento
PS	
I	
PI	
DV	
DC	válvula automática de retenção de gotejamento
AV	

* Incluído com o sufixo A no código da válvula (componentes de dreno e indicação)
Veja as designações de código e "Itens adicionais fornecidos de fábrica" na página 4

Instalação do Sistema

Itens Opcionais do Sistema



Water Motor Alarm



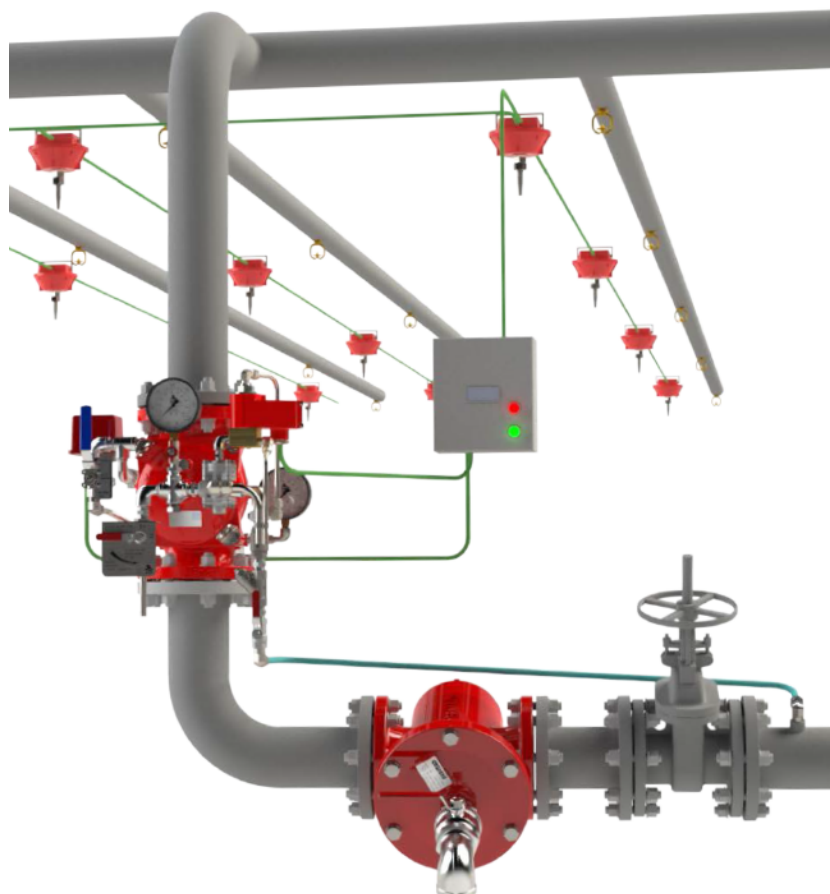
Pressure Gauge



Pressure Switch



Single Ex d
Proximity S.S.316
Limit Switch



Especificações Sugeridas

Todas as imagens neste catálogo são meramente ilustrativas

Dados Técnicos

Tamanhos Disponíveis:

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

Ranhurada- 2, 3, 4, 6, & 8"

Classe de Pressão:

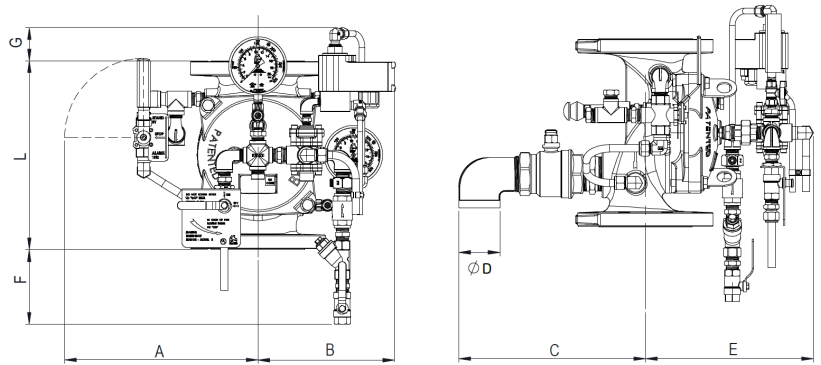
ANSI#150 - 17.2 bar | 250 psi

Ranhurada - 17.2 bar | 250 psi

Elastômero:

HTNR - Fabric Reinforced High Temperature

Compound - See engineering data



Tamanho da Válvula	L #150 mm in	Ranhura em L 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: As dimensões do envelope ou extensão do conjunto referem-se à orientação vertical e podem variar conforme o posicionamento específico dos componentes – Exceto para a dimensão "L", permita uma tolerância de pelo 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

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(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