

8400 SERIES JAR TOP VALVES



8410T

- 1" valve with jar top bonnet assembly for easy service
- Virgin PVC material body construction (NSF approved material)
- Glass filled nylon bonnet and ring construction
- Heavy duty co-molded diaphragm with stainless steel spring
- Minimum flow is 5 GPM
- Standard 24 VAC 60 Hz solenoid (black wire) Hex plunger design for sandy water conditions
- Special 24 VAC 50 Hz solenoid for European and Australian power (white wire)
- Stainless steel spring and internal components
- Internal manual bleed
- 15 - 125 PSI operating range
- Available in 3/4" and 1" NPT, BSP threads and 3/4" and 1" socket
- Suitable for residential and light commercial applications

SPANISH

- Electroválvula con tapa roscada para mantenimiento sencillo
- Fabricadas 100% en PVC (material aprobado por la NSF)
- El cuerpo, incluyendo la rosca, esta construido en fibra de vidrio reforzado con nylon
- Resistente diafragma integrado con muelle de acero inoxidable
- Caudal mínimo necesario es de 20 l/m
- Solenoide 24 VAC 60 Hz (cable negro). Diseño de pistón hexagonal para su uso en aguas sucias
- Solenoide 24 VAC 50 Hz para Europa y Australia (cable blanco)
- Muelle y componentes internos de acero inoxidable
- Apertura manual con desagüe interno
- Presión de trabajo: 1.03 a 8.6 bar
- Disponible en 3/4" y 1", con rosca NPT o BSP, y lisa
- Adecuado para aplicaciones residenciales y públicas

HIT PRODUCTS CORPORATION

556 S. Mirage Avenue • P.O. Box 929 • Lindsay, CA 93247
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February 2013

8400 SERIES JAR TOP VALVES



8410T

FRENCH

- Vanne électrique avec couvercle fileté qui permet un entretien facile
- Fabriquée en PVC (matériel agréé par la NSF)
- Le corps, même le filetage, est fabriqué en fibre de verre renforcé de nylon
- Diaphragme intégré avec ressort en acier inoxydable de haute résistance
- Débit minimum nécessaire: 20 l/m
- Solénoïde 24 VAC 60 Hz (cable noir). Design du plongeur hexagonal pour utilisation d'eaux chargées
- Solénoïde 24 VAC 50 Hz pour l'Europe et Australie (cable blanc)
- Ressort et composants internes en acier inoxydable
- Ouverture manuelle avec vidange interne
- Pression de travail de 1.03 et 8.6 bars
- Disponible en 3/4" et 1" taraudée NPT ou BSP et lisse
- Conçue pour installations publiques et résidentielles

ITALIAN

- Elettrovalvola con coperchio filettato per una manutenzione rapida e semplice
- Realizzate in PVC vergine (approvato NSF)
- Coperchio e ghiera filettata realizzati in Nylon e fibra di vetro
- Membrana con molla in acciaio inossidabile integrata
- Portata minima necessaria di 20 lt/m
- Solenoide standard 24 VAC 60 Hz (con fili neri) con pistoncino per acque sporche
- Solenoide specifico 24 VAC 50 Hz (con fili bianchi) per l'Europa e l'Australia
- Molla in acciaio inossidabile
- Apertura manuale con gocciolamento interno
- Pressione di lavoro compresa fra 1.03 e 8.6 bar
- Disponibile nei modelli da 3/4" e 1", NPT o BSP o nella versione per incollaggio
- Ideale per applicazioni residenziali e piccole aree pubbliche

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SPECIFICATIONS

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Operating Specifications:

- 3/4" Flow: 1 - 30 GPM
- 1" Flow: 1 - 30 GPM
- Operating pressure: 15 - 125 PSI
- Recommended velocity not to exceed 5 fps of corresponding pipe size
- All valves for outdoor use and installation only

Electrical:

- 24 VAC standard
- Inrush: 350 mA
- Holding: 250 mA
- Cycles: (white wires) 50 Hz or (black wires) 60 Hz

Features:

- Internal manual bleed
- PVC construction
- Glass filled nylon bonnet and fastening ring
- One piece leak proof co-molded diaphragm

Options:

- 110 VAC solenoid
- Recommended velocity not to exceed 5 fps of corresponding pipe size

Dimensions

Model #	Size	Description	Overall Length	Overall Width	Overall Height
8410T	1"	Female Thread Inlet and Outlet without Flow Control	4"	3"	5"
8410	1"	Slip Socket Inlet and Outlet without Flow Control	4"	3"	5"
8475T	3/4"	Female Thread Inlet and Outlet without Flow Control	4"	3"	5"
8475	3/4"	Slip Socket Inlet and Outlet without Flow Control	4"	3"	5"
		Metric	102mm	76mm	129mm

Pressure Loss

	Flow GPM	5	10	15	20	25	30
Valve Size	3/4"	3.5	4.0	3.0	3.2	4.1	6.2
	1"	3.5	4.0	3.0	3.2	4.1	6.2

Pressure Loss (Metric) kPa

	Flow l/min	18.9	37.8	56.8	75.9	94.6	113.5
Valve Size	3/4"	24.1	27.6	30.9	22.1	28.3	42.9
	1"	24.1	27.6	30.9	22.1	28.3	42.9

Pressure Loss (Metric) Bars

	Flow m ³ /hr	1.1	2.3	3.4	4.5	5.7	6.8
Valve Size	3/4"	0.2	0.3	0.2	0.2	0.3	0.4
	1"	0.2	0.3	0.2	0.2	0.3	0.4

Specifications may change due to engineering changes.

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SPECIFICATIONS

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SPANISH

Especificaciones Operativas:

- 3/4" Flujo: 0.22 - 6.8 m³/hr; 3 - 115 l/min
- 1" Flujo: 0.22 - 6.8 m³/hr; 3 - 115 l/min
- Presión operativa: 1 - 10.6 bars; 103 - 1035 kPa

Especificaciones Eléctricas:

- 24 CA
- Corriente de entrada: 350 mA
- Consumo: 250 mA
- Ciclos: (cables blancos) 50 Hz o (cables negros) 60 Hz

Características:

- Purgador manual interno
- Fabricado en PVC
- Bonete o aro de sujeción de nylon relleno de fibra de vidrio
- Diafragma moldeado hermético, de una sola pieza

Opciones Disponibles:

- Solenoide 110 VCA
- La velocidad recomendada no deberá exceder 5 fps del correspondiente tamaño de tubería

FRENCH

Caractéristiques Techniques de Fonctionnement:

- 3/4" Flux: 0.22 - 6.8 m³/hr; 3 - 115 l/min
- 1" Flux: 0.22 - 6.8 m³/hr; 3 - 115 l/min
- Pression de fonctionnement: 1 - 10.6 bars; 103 - 1035 kPa

Électriques:

- 24 V.A.C.
- Courant d'appel: 350 mA
- Courant de maintien: 250 mA
- Cycles: (fils blancs) 50 Hz ou (fils noirs) 60 Hz

Caractéristiques:

- Vidange manuel interne
- Fabriqué en PVC
- Couvercle ou bague de fixation en nylon armé de verre
- Membrane étanche moulée en une seule pièce

Options Disponibles:

- Solénoïde de 110 V c.a
- La vitesse recommandée ne doit pas dépasser 5 pi/s dans la dimension du tube correspondant

ITALIAN

Dati Tecnici Relativi al Funzionamento:

- 3/4" Flusso: 0.22 - 6.8 m³/hr; 3 - 115 l/min
- 1" Flusso: 0.22 - 6.8 m³/hr; 3 - 115 l/min
- Pressione de esercizio: 1 - 10.6 bars; 103 - 1035 kPa

Elettrico:

- 24 AC
- Punta: 350 mA
- Mantenimento: 250 mA
- Cicli: (fili bianchi) 50 Hz o (fili neri) 60 Hz

Caratteristiche:

- Scarico manuale interno
- Fabbricazione in polivinile
- Testa o anello di fissaggio in vetroresina
- stampato monoblocco a tenuta stagna

Opzioni Disponibili:

- Solenoide 110 V c.a.
- La portata consigliata non deve superare 1,524 m/s per il tubo di dimensione corrispondente

Specifications may change due to engineering changes.

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