

VP526A Pneumatic Three-Way High Pressure Water Valve

SPECIFICATION DATA



RC138

FEATURES

- Small size permits installation where space is limited
- Direct-acting, rolling diaphragm actuator with integral high temperature plastic air connector for 1/4-in. (6-mm) O.D. plastic tubing
- Spring loaded, self-adjusting Buna-N "V"-ring packing replaceable without shutting system down
- Brass seats (lower is integral, upper is removable) and contoured plug provide metal-to-metal seating
- Stainless steel stem
- Linear and constant total flow throughout full plug travel

GENERAL

The VP526A three-way valve provides proportional control of hot and/or cold water in unit ventilator and fan coil systems. The pipe connections are for 45 degrees SAE flared fittings.

DESCRIPTION

The VP526A three-way valve provides proportional control of hot and/or cold water in unit ventilator and fan coil systems.



77-5246

SPECIFICATIONS

Valve Sizes:

- 3/8 in. nominal for 1/2 in. O.D. tubing
- 1/2 in. nominal for 5/8 in. O.D. tubing

End Connections:

45 degree SAE flare

Capacity Index (Cv):

3/8 in.: 1.0 or 1.6 Cv

1/2 in.: 1.6 or 2.5 Cv

Spring Range:

2 to 5 psi (14 to 34 kPa)

3 to 10 psi (21 to 69 kPa)

8 to 11 psi (55 to 76 kPa)

Construction:

Body: Forged brass

Seats: Brass; lower integral, upper removable

Plug: Contoured brass

Packing: Buna "V" ring, spring loaded,
self-adjusting replaceable

Stem: Stainless steel

Flow Characteristics:

Linear and constant flow throughout plug travel

Body Pressure Rating (Nominal):

250 psi (1724 kPa)

Controlled Medium Temperature:

35 to 250F (2 to 121C)

Actuator:

Direct acting, rolling diaphragm type

Air Connection:

Integral, for 1/4-in. (6-mm) O.D. plastic tubing

Maximum Safe Air Pressure:

30 psi (207 kPa)

Maximum Diaphragm Temperature:

230F (110C)

Dimensions in Inches (Millimeters):

Valve Size	Height	Width	Actuator Diameter
3/8 (10)	4-15/16 (119)	3 (76)	2-1/4 in. (57)
1/2 (13)	5-9/16 (141)	3-7/16 (87)	2-1/4 in. (57)

Valve Action:

Normally open B to AB

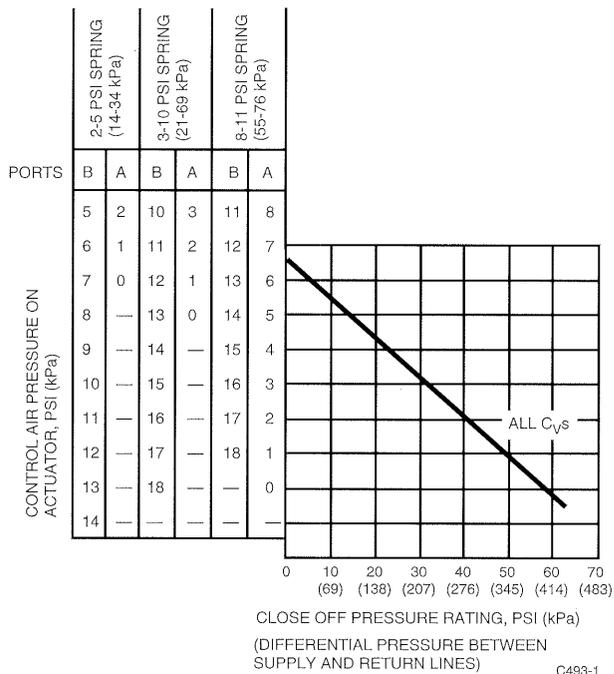
Normally closed A to AB

Accessories:

Position Indicator: 14001101-001

Vandalism Shield Assembly: 14003648-001. Consists of cover assembly with 1/8 in. NPT air connection and push-in retainer.

Close-Off Ratings:



Home and Building Control

Honeywell Inc.
Honeywell Plaza
P.O. Box 524
Minneapolis MN 55408-0524

Honeywell Latin American Division

Miami Lakes Headquarters
14505 Commerce Way Suite 500
Miami Lakes FL 33016

Home and Building Control

Honeywell Limited-Honeywell Limitée
740 Ellesmere Road
Scarborough Ontario
M1P 2V9

Honeywell Europe S.A.

3 Avenue du Bourget
B-1140 Brussels Belgium

Honeywell Asia Pacific Inc.

Room 3213-3225
Sun Hung kai Centre
No. 30 Harbour Road
Wanchai
Hong Kong

By using this Honeywell literature, you agree that Honeywell will have no liability for any damages arising out of your use or modification to, the literature. You will defend and indemnify Honeywell, its affiliates and subsidiaries, from and against any liability, cost, or damages, including attorneys' fees, arising out of, or resulting from, any modification to the literature by you.

Honeywell

Helping You Control Your World

