

**NEW YORK STATE DEPARTMENT OF HEALTH
OFFICE OF PUBLIC HEALTH**

CENTER FOR ENVIRONMENTAL HEALTH

TECHNICAL REFERENCE

ITEM NO: PWS 14

DATE: 11/19/01

SUBJECT:

Approved Backflow Prevention Assemblies

(Revision)

- FSC - FDA epoxy coated flanged strainer
- HW - hot water unit with stainless steel check valves
- M - manifold, modification
- NRS - non-rising stem shutoffs
- OS&Y - outside stem and yoke shutoffs
- QT - quarter turn resilient seated ball valves
- R, RW - resilient seated or resilient wedge shutoffs
- S - strainer
- SS - stainless steel
- U - union connections
- V - approved for vertical installation in accordance with manufacturers instructions
- XL - high temperature service with removable plastic check seats
- N-Shape - See diagram below for an example (please note that this diagram is not intended to represent any specific manufacturer or device)
- Z-Shape - See diagram below for an example (please note that this diagram is not intended to represent any specific manufacturer or device)

The BPWSP should be contacted with any questions regarding this list.

Reduce Pressure Principle Assemblies

<i>Company</i>	<i>Model/Series</i>	<i>Size (In Inches)</i>
AMES	4000-RP	4.0, 6.0, 8.0, 10.0
	4000 SS	0.75, 1.0, 1.5, 2.0, 2.5, 3.0, 4.0, 6.0
	4000B	0.5, 0.75, 1.0, 1.25, 1.5, 2.0
	4000BM2	1.0
BUCKNER	24000	0.75, 1.0, 1.25, 1.5, 2.0
CLA-VAL	RP-2	0.75, 1.0, 1.25, 1.5
	RP-4	2.0, 2.5, 3.0, 4.0, 6.0, 8.0, 10.0
	RP4V	4.0
	RP6LW	0.75, 1.0, 1.25, 1.5, 2.0
	RP6VW	0.75, 1.0, 1.5, 2.0
	RP7L (W/Y)	2.5, 3.0, 4.0, 6.0, 8.0, 10.0
	RP8L (W/Y)	2.0, 3.0, 4.0, 6.0, 8.0, 10.0
	RP8N (W/Y) - N Shape	2.5, 3.0, 4.0, 6.0, 8.0, 10.0
CONBRACO	40-200	0.25, 0.375, 0.5, 0.75, 1.0, 1.25, 1.5, 2.0, 2.5, 3.0, 4.0, 6.0, 8.0, 10.0
	40-200-A2S	0.75, 1.0
FEBCO	825Y	0.75, 1.0, 1.25, 1.5, 2.0
	825YA	0.75, 1.0, 1.5, 2.0
	825YD	2.5, 3.0, 4.0, 6.0, 8.0, 10.0
	845	0.75, 1.0
	860	0.5, 0.75, 1.0, 1.25, 1.5, 2.0, 2.5, 3.0, 4.0, 6.0, 8.0
	880 - N Shape	2.5, 3.0, 4.0, 6.0, 8.0, 10.0

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	880V - Z Shape	2.5, 3.0, 4.0, 6.0, 8.0, 10.0
FLOMATIC	RPZ/B9200	0.75, 1.0, 1.5, 2.0, 2.5, 3.0, 4.0
	RPZII/B9300	0.5, 0.75
	B9209	6.0
HERSEY/GRINNELL (BEECO)	FRP-2	0.75, 1.0, 1.25, 1.5, 2.0
	6CM	2.5, 3.0, 4.0, 6.0, 8.0, 10.0
ORION	BRP	0.75, 1.0, 1.5, 2.0, 3.0, 4.0
WATTS	009	0.5, 0.75, 1.0, 1.25, 1.5, 2.0, 2.5, 3.0
	U009A	0.75, 1.0, 1.5, 2.0
	909	0.75, 1.0, 1.25, 1.5, 2.0, 2.5, 3.0, 4.0, 6.0, 8.0, 10.0
	909QT	0.75 (↑), 1.0 (↑)
	990	4.0, 6.0, 8.0
	994	2.5, 3.0, 4.0, 6.0
	995QT	0.5, 0.75, 1.0, 1.25, 1.5
WILKINS	575A	0.75, 1.0
	575	1.25, 1.5, 2.0, 2.5, 3.0, 4.0, 6.0
	575-M8	(4"x4"x8" manifold)
	575-M10	(6"x6"x10" manifold)
	975XL	0.25, 0.375, 0.5, 0.75, 1.0, 1.25, 1.5, 2.0
	975	0.75, 1.0, 1.25, 1.5, 2.0, 2.5, 3.0, 4.0, 6.0, 8.0, 10.0
	975XLU	0.75, 1.0, 1.5, 2.0
	975XLMS	0.75, 1.0, 1.25, 1.5, 2.0
	975MS	2.5, 3.0, 4.0, 6.0
	975BMS	2.5, 3.0, 4.0, 6.0, 8.0, 10.0
	975XLBMS	0.75, 1.0, 1.25, 1.5, 2.0
	975XLSE	0.75 (↑ ↓ o), 1.0 (↑ ↓ o), 1.25 (↑ ↓ o), 1.5 (↑ ↓ o), 2.0 (↑ ↓ o)
	975XLSE	0.75 (↑ ↓ o), 1.0 (↑ ↓ o), 1.25 (↑ ↓ o), 1.5 (↑ ↓ o), 2.0 (↑ ↓ o)
	975XLSEU	0.75 (↑ ↓ o), 1.0 (↑ ↓ o), 1.25 (↑ ↓ o), 1.5 (↑ ↓ o), 2.0 (↑ ↓ o)
	975XLSEU	0.75 (↑ ↓ o), 1.0 (↑ ↓ o), 1.25 (↑ ↓ o), 1.5 (↑ ↓ o), 2.0 (↑ ↓ o)
	375	0.75 (↑ ↓ o), 1.0 (↑ ↓ o), 1.25 (↑ ↓ o), 1.5 (↑ ↓ o), 2.0 (↑ ↓ o)
	475	2.5, 3.0, 4.0, 6.0, 8.0
	475V	4.0 (↑ ↓ o), 6.0 (↑ ↓ o)
		4.0 (↑ ↓ o), 6.0 (↑ ↓ o)

NOTE: All assemblies are approved for horizontal installation. The following symbols denote devices which are also approved for vertical installation (where vertical refers to the orientation of the device rotated 90 degrees (up or down) from the horizontal) or with vertical inlet/outlet piping:

- ↑ - vertical up only ↑ ↓ o - vertical up inlet and vertical down outlet
 ↓ - vertical down only ↑ ↑ o - vertical up inlet and vertical up outlet
 ↑ ↓ - vertical up and down

Double Check Valve Assemblies

Company	Model/Series	Size (In Inches)
AMES	2000-DCA	4.0, 6.0, 8.0, 10.0
	2000 SE	2.5, 6.0 (↑), 8.0 (↑)
	2000 SS	0.75 (↑), 1.0 (↑), 1.5, 2.0, 2.5 (↑), 3.0 (↑), 4.0 (↑), 6.0 (↑), 8.0, 10.0
	2000B	0.5 (↑), 0.75 (↑), 1.0, 1.25 (↑), 1.5 (↑), 2.0 (↑)
	2000CIV	4.0, 6.0, 8.0, 10.0
	2001 SS	3.0 (↑), 4.0 (↑)
BUCKNER	24100	0.75, 1.0, 1.25, 1.5, 2.0

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CLA-VAL	D-2	0.75, 1.0, 1.25, 1.5
	D-4	2.0, 2.5, 3.0, 4.0, 6.0, 8.0, 10.0
	DC6LW	0.75 (↑), 1.0, 1.5, 2.0
	DC7L (W/Y)	2.5, 3.0 (↑), 4.0 (↑), 6.0 (↑), 8.0, 10.0
	DC8L (W/Y)	4.0 (↑), 6.0 (↑), 8.0 (↑)
CONBRACO	DC8N (W/Y) - N Shape	2.5, 3.0, 4.0 (↑), 6.0 (↑), 8.0
	DC8V (W/Y) - Z Shape	2.5, 3.0, 4.0 (↑), 6.0 (↑), 8.0
		2.5, 3.0, 4.0, 6.0, 8.0
		0.75, 1.0, 1.5, 2.0, 2.5, 3.0, 4.0, 6.0, 8.0, 10.0
	DC	0.5 (↑), 2.5 (↑), 3.0 (↑), 4.0 (↑), 6.0 (↑)
FEBCO	805Y	0.75 (↑), 1.0, 1.5, 2.0
	805YD	2.5, 3.0 (↑), 4.0 (↑), 6.0 (↑), 8.0, 10.0
	850	0.5 (↑), 0.75 (↑), 1.0 (↑), 1.25 (↑), 1.5 (↑), 2.0 (↑), 2.5 (↑), 3.0 (↑), 4.0 (↑), 6.0 (↑), 8.0 (↑)
	870	4.0 (↑), 6.0 (↑), 8.0
	870V	4.0 (↑), 6.0 (↑), 8.0 (↑)
FLOMATIC	870 - N Shape	2.5, 3.0, 10.0
	870V - Z Shape	2.5, 3.0
		0.75, 1.0, 1.5, 2.0, 2.5, 3.0
	DCV/B9100	4.0
	B9107	6.0
HERSEY/GRINNELL (BEECO)	B9109	0.75, 1.5, 2.0
	FDC	0.75, 1.0, 1.5, 2.0
	HDC	3.0, 4.0, 6.0, 8.0, 10.0
	No. 2	4.0, 6.0, 8.0, 10.0
		0.75, 1.0, 1.5, 2.0, 3.0, 4.0
KENNEDY	1373	0.75, 1.0, 1.5, 2.0, 3.0, 4.0
ORION	BDC	0.75, 1.0, 1.5, 2.0, 3.0, 4.0
WATTS	007	0.50 (↑), 0.75 (↑), 1.0 (↑), 1.5 (↑), 2.0 (↑), 2.50 (↑), 3.0 (↑)
	709	0.75 (↑), 1.0 (↑), 1.25 (↑), 1.5 (↑), 2.0 (↑), 2.5 (↑), 3.0 (↑), 4.0 (↑), 6.0 (↑), 8.0 (↑), 10.0 (↑)
		0.75, 1.0, 1.25, 1.5, 2.0, 2.5, 3.0, 4.0 (↑), 6.0 (↑), 8.0
	774	6.0 (↑), 8.0 (↑)
	774X	3.0 (↑), 4.0 (↑)
WILKINS	775	0.5 (↑), 0.75 (↑), 1.0 (↑), 1.25 (↑), 1.5 (↑)
	775QT	0.75, 1.0
		1.25, 1.5, 2.0, 2.5, 3.0, 4.0, 6.0
	550A	(4"x4"x8" manifold)
	550	(6"x6"x10" manifold)
WILKINS	550-M8	0.75, 1.0, 1.25, 1.5, 2.0, 2.5 (↑), 3.0 (↑), 4.0 (↑), 6.0 (↑), 8.0 (↑), 10.0 (↑)
	550-M10	0.75 (↑), 1.0, 1.25, 1.5, 2.0
	950	0.75, 1.0
	950XL	0.75, 1.0, 1.5, 2.0
	950XLT	2.5 (↑), 3.0 (↑), 4.0 (↑), 6.0 (↑), 8.0 (↑)
WILKINS	950XLU	4.0 (↑), 6.0 (↑), 8.0 (↑)
	350	
	450	

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