



VCYY-P/H PVC/CPVC Y TYPE CHECK VALVE SOCKET & THREAD ENDS

Features

- Y-checks are less affected by turbulent flow
- Lower shutoff characteristics than ball checks.
- Improved Flow Characteristics Over Ball Checks,
- Outperforms Spring Loaded Designs
- Easy Access Cap for In-Line Clean Out & Servicing
- Standard O-ring type EPDM or FKM Seat & Seals
- Suitable for either Horizontal or Vertical Up-flow Installations
- Optional True Union Design for Easy Valve Service Replacement
- Assembled with Silicone-Free, Water Soluble Lubricants
- Constructed from PVC, ASTM D 1784 Cell Classification 12454, or CPVC, ASTM D 1784 Cell Classification 23447



SOCKET ENDS



REINFORCED
THREAD ENDS

BILL OF MATERIALS

ITEM	DESCRIPTION	MATERIAL
1	Body ¹	PVC/CLEAR/CPVC
2	Seat	EPDM/FKM
3	Compressor Assembly ²	PVC/CPVC
4	Bonnet O-ring	EPDM/FKM
5	Bonnet Nut	PVC/CPVC
6	Bonnet	PVC/CPVC
7	Retaining Clip	PP
8	Plug O-ring	PVC/CPVC
9	Plug	PVC/CPVC

1-Body includes, (2) spigot adapters, (2) ss collars

2-Compressor Assembly includes, (1) Weight, (1) compressor plug

NON-SHOCK PRESSURE (PSIG) @ TEMPERATURE

SIZE	MATERIAL	100 (F°)	140 (F°)	200 (F°)
1/2-2	PVC	150	50	0
	CPVC	150	110	50
3-4	PVC	90	40	0
	CPVC	90	70	30

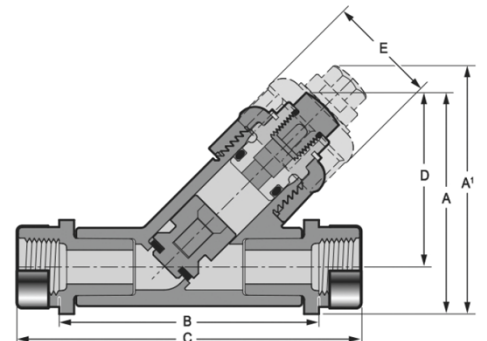
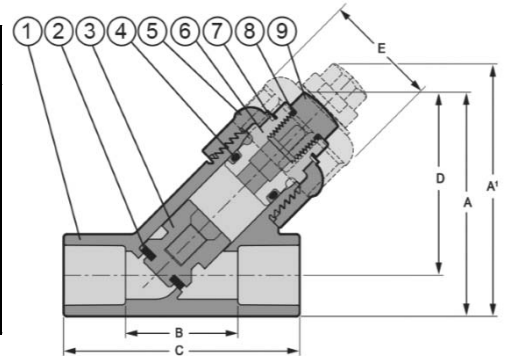
SOCKET DIMENSIONS (in)

SIZE	A ¹	A	B	C	D	E	Cv	WT (lbs)
1/2	4-1/32	3-5/32	1-19/32	3-11/32	2-19/32	1-5/8	6.7	.33
3/4	4-27/32	3-27/32	2	4	3-5/32	2	12.6	.53
1	5-5/8	4-1/2	2-15/32	4-23/32	3-5/8	2-1/4	22.9	.9
1-1/4	6-1/2	5-5/16	3	5-9/16	4-9/32	2-13/16	33.8	1.28
1-1/2	7-17/32	6	3-19/32	6-5/16	4-7/8	3-5/32	50.7	1.76
2	8-15/32	6-29/32	5	7-1/2	5-1/2	3-23/32	79.2	3.1
3	12-15/32	9-21/32	6-9/16	10-11/32	7-9/16	5-1/4	235	5.64
4	15-17/32	12-11/16	8-5/8	13-1/8	9-25/32	6-17/32	387	10.45

THREADED DIMENSIONS (in)

SIZE	A ¹	A	B	C	D	E	Cv	WT (lbs)
1/2	4-5/32	3-9/32	3-27/32	5-1/8	2-19/32	1-5/8	6.7	.33
3/4	5	4	4-3/4	6	3-5/32	2	12.6	.53
1	5-25/32	4-21/32	5-9/32	7	3-5/8	2-1/4	22.9	.9
1-1/4	6-23/32	5-1/2	6-1/4	8	4-9/32	2-13/16	33.8	1.28
1-1/2	7-25/32	6-9/32	7-5/32	8-7/8	4-7/8	3-5/32	50.7	1.76
2	8-3/4	7-3/16	8-5/16	10-1/8	5-1/2	3-23/32	79.2	3.1
3	12-3/4	10	11-17/32	14-5/16	7-9/16	5-1/4	235	5.64
4	15-25/32	12-11/16	14-11/32	17-11/32	9-25/32	6-17/32	387	10.45

SUITABLE FOR OIL FREE AIR HANDLING TO 25 PSIG MAX.





VCYY-P/H PVC/CPVC Y TYPE CHECK VALVE UNION & FLANGE ENDS

Features

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- Easy Access Cap for In-Line Clean Out & Servicing
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BILL OF MATERIALS

ITEM	DESCRIPTION	MATERIAL
1	Body ¹	PVC/CLEAR/CPVC
2	Seat	EPDM/FKM
3	Compressor Assembly ²	PVC/CPVC
4	Bonnet O-ring	EPDM/FKM
5	Bonnet Nut	PVC/CPVC
6	Bonnet	PVC/CPVC
7	Retaining Clip	PP
8	Plug O-ring	EPDM/FKM
9	Plug	PVC/CPVC
10	Union O-ring	EPDM/FKM
11	Union Socket End	PVC/CPVC
12	Union SR Threaded End	PVC/CPVC

1-Flanged Body includes, (2) spigot hubs, (2) Flange Rings

- Union Body includes (2) Spigot Ends, (2) nuts

2-Compressor Assembly includes, (1) Weight, (1) compressor plug

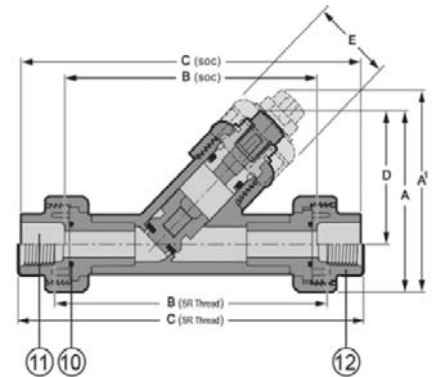
FLANGED ENDS (UNION ENDS NOT SHOWN)

NON-SHOCK PRESSURE (PSIG) @ TEMPERATURE

SIZE	MATERIAL	100 (F°)	140 (F°)	200 (F°)
1/2-2	PVC	150	50	0
	CPVC	150	110	50
3-4	PVC	90	40	0
	CPVC	90	70	30

UNION DIMENSIONS (in)

SIZE	A ¹	A	B		C		D	E	DRAIN SIZE (NPT)	Cv	WT (lbs)
			SOC	THD	SOC	THD					
1/2	4-3/8	3-1/2	5-3/32	5-1/2	6-7/8	7	2-19/32	1-5/8	1/4-18	6.7	0.53
3/4	5-5/16	4-9/32	5-7/8	6-13/16	7-29/32	8	3-5/32	2	1/4-18	12.6	0.85
1	6-1/6	4-29/32	6-15/32	7-5/16	8-3/4	9	3-5/8	2-1/4	3/8-18	22.9	1.20
1-1/4	7-1/16	5-13/16	7-7/16	8-7/32	10-1/8	10-5/32	4-9/32	2-13/16	1/2-14	33.8	1.90
1-1/2	8-1/8	6-5/8	8-1/4	9	11	11	4-7/8	3-5/32	1-11-1/2	50.7	2.52
2	9-7/32	7-5/8	9-13/32	10-13/16	12-7/16	12-13/16	5-1/2	3-23/32	1-11-1/2	79.2	4.45
3	13-7/16	10-5/8	13-5/8	15-11/32	17-13/32	18-7/32	7-9/16	5-1/4	1-11-1/2	235	10.55
4	16-3/4	13-5/8	17-3/32	19-9/32	21-21/32	22-5/16	9-25/32	6-17/32	1-11-1/2	387	18.80



FLANGED DIMENSIONS (in)

SIZE	A ¹	A	B	C	D	E	DRAIN SIZE (NPT)	Cv	WT (lbs)
1/2	5-7/32	4-11/32	5-23/32	3-1/2	2-19/32	1-5/8	1/4-18	6.7	0.85
3/4	6-1/6	5-3/32	6-7/16	3-7/8	3-5/32	2	1/4-18	12.6	1.28
1	6-7/8	5-3/4	7-5/32	4-1/4	3-5/8	2-1/4	3/8-18	22.9	1.81
1-1/4	7-25/32	6-9/16	8-1/8	4-5/8	4-9/32	2-13/16	1/2-14	33.8	2.52
1-1/2	8-7/8	7-3/8	9-5/32	5	4-7/8	3-5/32	1-11-1/2	50.7	3.25
2	10	8-15/32	10-1/2	6	5-1/2	3-23/32	1-11-1/2	79.2	5.42
3	13-29/32	11-5/16	12	7-1/2	7-9/16	5-1/4	1-11-1/2	235	10.07
4	17-13/32	14-5/16	16	9-1/16	9-25/32	6-17/32	1-11-1/2	387	16.15

4" FLANGED USE A SPLIT FLANGE RING

