



SINGLE UNION CHECK VALVES

SPECIFICATIONS:

Sizes: 1.5" & 2"

Body Material: PVC

O-Rings and Check Seal: EPDM or Viton

Spring Material: 302 SS or Hastelloy-C

Max Operating Pressure:

1.5": 150 PSI @ 73 F

2": 150 PSI @ 73 F

Valve Ends:

-Solvent Cement Socket (ASTM)

Spring Loads:

1/4 lb, 1/2 lb, 2 lb, 5lb, 10lb

Features:

- corrosion resistant (CR models)
- radial installation or removal
- low pressure loss
- suitable for high flow rates
- quick and exact closing and opening
- suitable for liquids with very low specific gravity

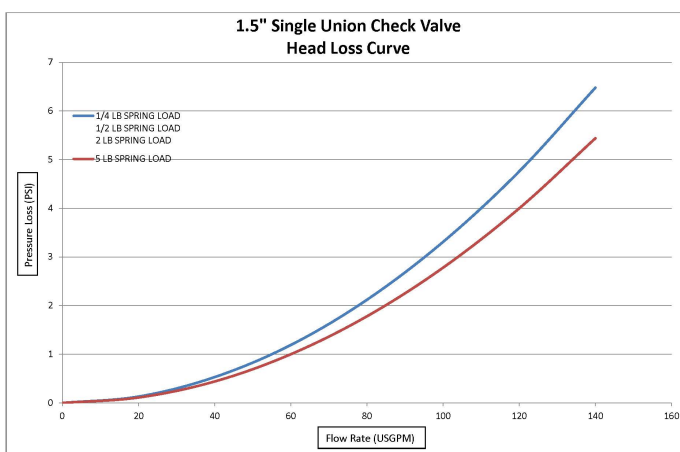


Sample Specification:

The Praher Single Union Check Valves shall be of true union design, sizes 1.5" & 2". The internal spring loaded check design shall guarantee leak tight seating in extreme low pressure and vertical installations. Spring material shall be 302 stainless steel or Hastelloy-C. All O-rings and check seals shall be EPDM or VITON and shall meet NSF/ANSI 61 criteria. Union ends shall be interchangeable with Single Union ball valves. PVC shall be NSF/ANSI 61 listed and meet ASTM D1764-cell class 12454.

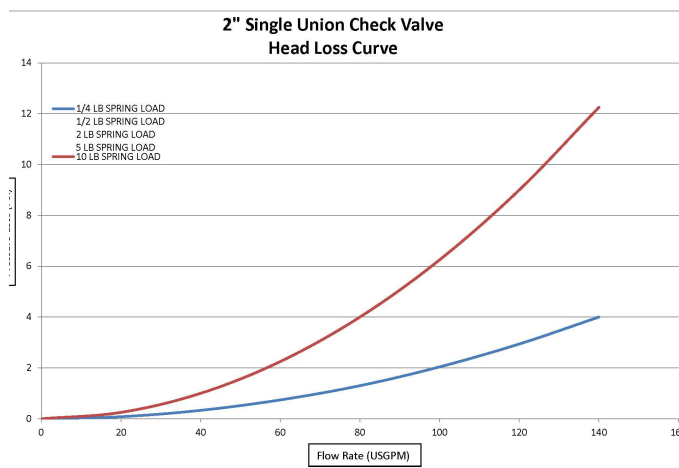
1.5" Valve Flow Details

Spring Load	Cv Value
1/4 lb	55 GPM
1/2 lb	55 GPM
2 lb	55 GPM
5 lb	60 GPM
10 lb	10 GPM

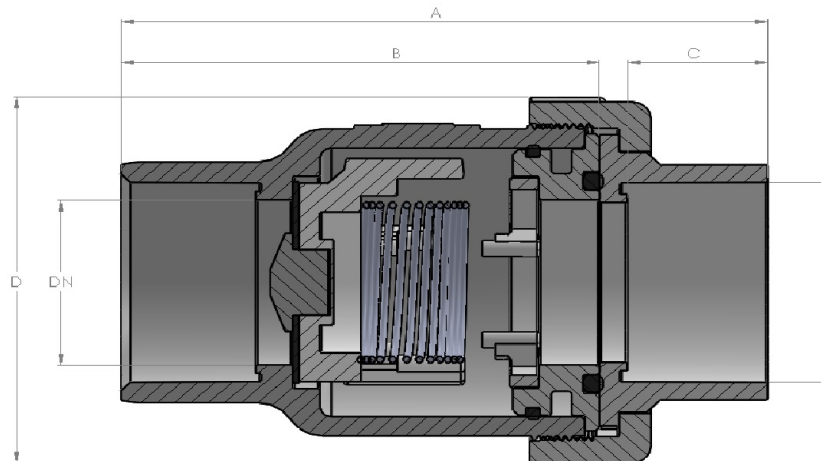
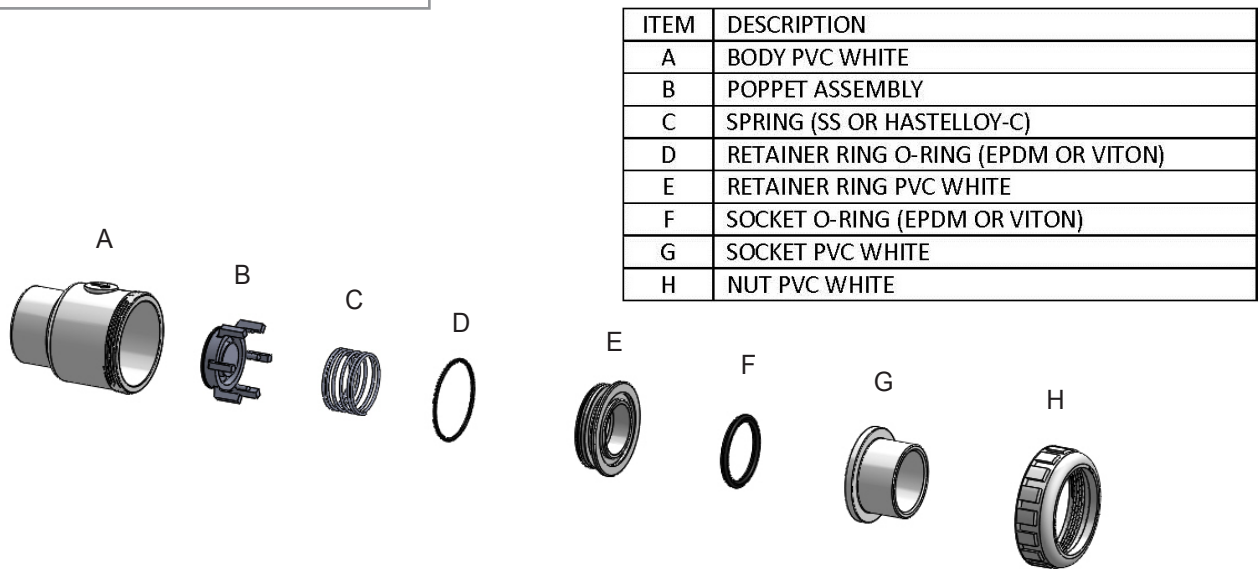


2" Valve Flow Details

Spring Load	Cv Value
1/4 lb	70 GPM
1/2 lb	70 GPM
2 lb	70 GPM
5 lb	70 GPM
10 lb	40 GPM



SINGLE UNION CHECK VALVES



Size (inch)	d (mm)	DN (mm)	A	B	C	D
1.5"	50	40	142mm 5.59"	103mm 4.06"	32mm 1.26"	94mm 3.70"
2"	63	50	175mm 6.89"	128mm 5.04"	37.5mm 1.47"	113mm 4.45"