

Engineering Specifications

CAPACITIES (Gross)

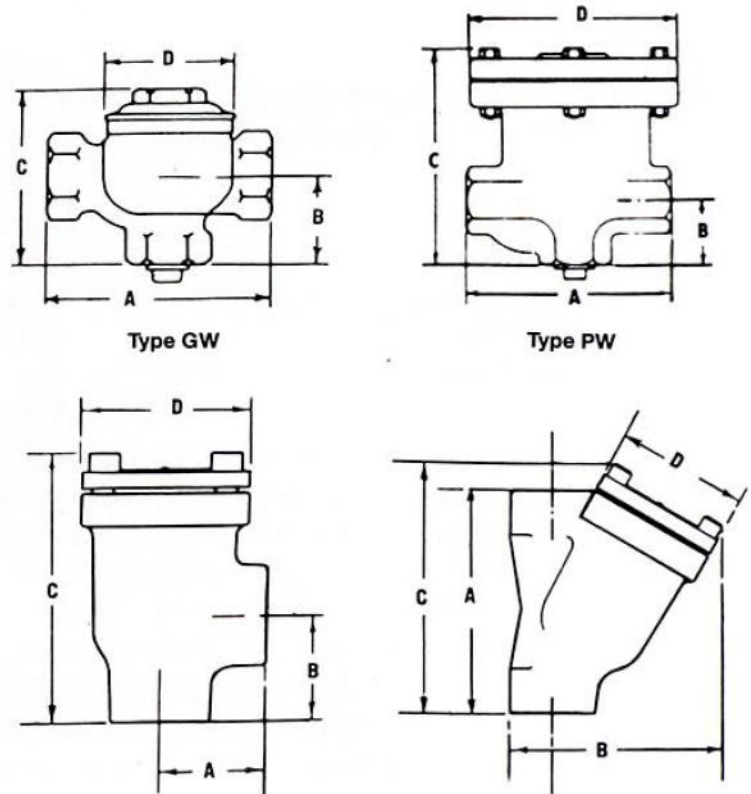
lbs. condensate per hour

Type	Pipe Size	Orifice Dia.	Pressure Differential (PSIG)															
			5	10	15	20	40	50	60	80	100	125	150	175	200	225	250	300
L & V	1/2" & 3/4"	1/4"	1150	1540	1700	1910	2370	2960	3260	3670	4050	4350	4975	5200	5500	5820	5950	6500
GW	1/2" & 3/4"	1/4"	1150	1540	1700	1910	2370	2960	3260	3670	4050	4350	4970	5200	5500	5820	5950	—
S & SW	1/2" & 3/4" and 1"	3/8"	1600	2050	2350	2650	4200	4300	4400	5000	5600	6400	6750	7700	8600	9400	10000	—
PW	1/2"	3/8"	1600	2050	2350	2650	4200	4300	4400	5000	5600	6400	6750	7700	8600	9400	10000	—
	3/4"	7/16"	2200	3100	3350	3720	4900	5330	5810	6530	7160	9000	10250	10500	11000	11200	11400	—

Note on capacity: Capacities shown are 10° below saturated steam temperature and are the result of an extensive testing program conducted in accordance with ANSI/ASME PTC 39.1 – 1980. *Condensate Removal Devices for Steam Systems*, at the B & J factory. Significantly greater capacities are realized when condensate temperature are cooler than 10° below saturation temperature.

DIMENSIONS

Model No.	Pipe Size	A	B	C	D	Wt. (lbs.)
2GW	1/2"	3 5/8"	1 3/8"	2 7/8"	2 1/8"	2
3GW	3/4"	3 5/8"	1 3/8"	2 7/8"	2 1/8"	2
2L	1/2"	1 7/16"	1 7/16"	3 3/8"	2 1/4"	2 1/4
3L	3/4"	1 7/16"	1 7/16"	3 3/8"	2 1/4"	2 1/4
2V	1/2"	3 3/4"	3 5/8"	4 1/4"	2 1/4"	2 11/16
3V	3/4"	3 3/4"	3 5/8"	4 1/4"	2 1/4"	2 11/16
2SW	1/2"	4 5/8"	1 21/32"	4 1/2"	3 1/16"	4 1/2
3SW	3/4"	4 5/8"	1 21/32"	4 1/2"	3 1/16"	4 1/2
4S	1"	2 1/4"	2 1/32"	4 3/4"	3 1/16"	3 1/2
2PW	1/2"	5 1/8"	1 5/8"	5 1/2"	5 5/8"	12
3PW	3/4"	5 1/8"	1 5/8"	5 1/2"	5 5/8"	12

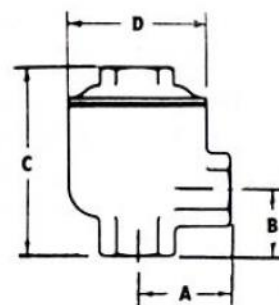


MATERIALS

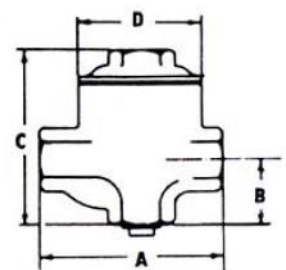
Part	GW, S & SW	PW	L & V
Cap	Bronze	Grey Iron, ASTM A48-74 Class 30-2	Steel
Body	Bronze	Grey Iron, ASTM A48-74 Class 30-2	Malleable Iron
Bolting	N/A	Steel, Grade 5	Steel, Grade 5
Gaskets	Copper	Copper Asbestos	Copper Asbestos
Bellows	Monel	Monel	Monel
Plug	Stainless Steel	Stainless Steel	Stainless Steel
Seat	Stainless Steel	Stainless Steel	Stainless Steel

Type L

Type V



Type S



Type SW