



## Series 8000 Inverted Bucket Trap

VAC-250 PSIG, Sizes 1/2" to 2.5" NPT



Model 8000-2-20

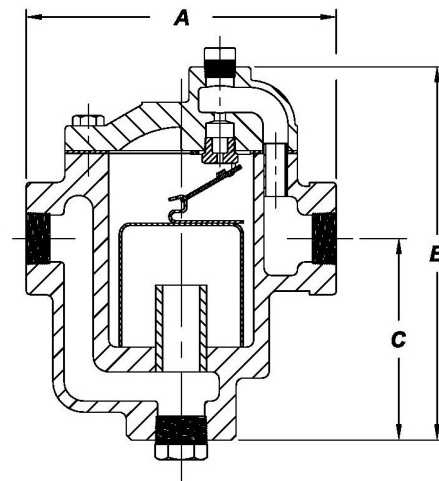
### FEATURES

- Series 8000 IBT available in sizes from 1/2" to 2.5" NPT.
- High strength cast iron construction.
- Low maintenance, maximum service & reliability.
- Immediate Condensate discharge at Saturated Steam Temp.
- Meets MIL Spec WW T696.
- Pressure Change Kits available for all sizes.

Dimensions							
Model #	8000	8011	8012	8013	8014	8015	8016
Pipe Size (in.)	1/2, 3/4	1/2, 3/4, 1	1/2, 3/4	1/2, 3/4, 1	1/2, 3/4, 1, 1-1/4	1-1/4, 1-1/2, 2	2, 2-1/2
Prime Plug	1/4"	1/4"	1/2"	3/4"	1"	1-1/2"	2"
"A" Dimension	5"	5"	6-1/2"	7-3/4"	9"	10-1/4"	13"
"B" Dimension	5-7/16"	6-7/8"	9-1/16"	11-3/4"	13-5/8"	16-1/4"	21-5/16"
"C" Dimension	2-3/4"	4-3/4"	5-3/8"	7-1/32"	7-13/16"	8-1/16"	11"
Weight #	5	6	15	27.5	44	71	131
Max Op. Pressure	150	250	250	250	250	250	250

Inverted Bucket Trap (IBT)	
Part	Materials
Cap & Body	ASTM A48 CI 30
Gasket	Compressed Non Asbestos
Bolt/Nut	Grade 5 or 7
Valve & Seat	Stainless Steel
Retainer, Lever, Bucket	Stainless Steel

Pressure Change Kits (PCK)	
Repair Parts	Materials
Gasket	Compressed Non Asbestos
Bolt/Nut	Grade 5 or 7
Valve & Seat	Stainless Steel
Retainer, Lever, Bucket	Stainless Steel



### Pressure Change Kits (PCK)

PCK kits include the internal components to repair or change the pressure rating of the bucket trap. PCK kits include gasket, seat, lever assembly, retainer and bolts.



Pressure Change Kits (PCK): When order Pressure Change Kits please specify the model bucket trap and the desired pressure rating. I.e.. PCK-800-20

Gross Capacity - Lbs. of Condensate Per Hour																			
Model			Pressure Differential (PSIG)																
Model	PMO	Orifice	1/4	1	5	10	15	20	30	60	70	80	100	125	150	180	200	225	250
8000	20	3/16	140	272	460	560	646	698	-	-	-	-	-	-	-	-	-	-	-
	80	1/8	48	112	200	310	370	420	510	540	662	690	-	-	-	-	-	-	-
	125	7/64	24	56	92	150	200	262	350	490	530	570	642	685	-	-	-	-	-
	150	#38	20	54	75	112	153	205	275	385	415	442	482	545	572	-	-	-	-
8011	15	1/4	192	452	835	952	1062	-	-	-	-	-	-	-	-	-	-	-	-
	30	3/16	125	310	545	672	775	882	1000	-	-	-	-	-	-	-	-	-	-
	70	5/32	72	170	185	440	500	590	715	905	952	-	-	-	-	-	-	-	-
	125	1/8	56	135	225	342	396	465	568	715	762	805	862	955	-	-	-	-	-
	200	7/64	32	70	155	232	277	338	410	550	582	615	665	740	812	855	865	-	-
	250	#38	46	82	100	155	192	243	295	426	455	475	525	576	621	675	702	732	765
8012	15	5/16	350	625	1610	1920	2110	-	-	-	-	-	-	-	-	-	-	-	-
	30	1/4	285	510	950	1385	1640	1800	2060	-	-	-	-	-	-	-	-	-	-
	70	3/16	198	425	790	950	1125	1270	1510	2010	2210	-	-	-	-	-	-	-	-
	125	5/32	110	310	585	690	820	910	1075	1450	1555	1660	1810	2020	-	-	-	-	-
	200	1/8	70	180	330	470	510	585	712	990	1060	111	1240	1375	1525	1580	1605	-	-
	250	7/64	40	130	250	350	375	425	525	725	790	820	915	1020	1111	1180	1230	1285	1320
8013	15	1/2	955	1880	2910	3525	3900	-	-	-	-	-	-	-	-	-	-	-	-
	30	3/8	500	1420	2310	2700	3320	3510	4000	-	-	-	-	-	-	-	-	-	-
	60	5/16	350	950	1745	2050	2525	2630	3140	4440	-	-	-	-	-	-	-	-	-
	80	9/32	310	740	1355	1600	1960	2220	2450	3500	3825	4025	-	-	-	-	-	-	-
	125	1/4	270	620	1110	1320	1620	1820	2020	2850	3120	3320	3610	3925	-	-	-	-	-
	180	7/32	185	500	880	1170	1350	1600	2100	2510	2700	2830	3070	3200	3520	3725	-	-	-
	250	3/16	140	410	715	960	1125	1310	1710	2060	2220	2320	2510	2610	2715	3030	3225	3410	3500
8014	15	5/8	1410	2920	4825	5810	6500	-	-	-	-	-	-	-	-	-	-	-	-
	30	1/2	955	2255	3710	4750	5220	6010	6810	-	-	-	-	-	-	-	-	-	-
	60	3/8	510	1775	2960	2960	3560	4000	4725	5420	6810	-	-	-	-	-	-	-	-
	80	11/32	390	1570	2525	2925	3225	3525	4440	5775	6000	6420	-	-	-	-	-	-	-
	125	5/16	320	1210	2000	2500	2750	3125	3150	4820	5275	5625	6220	6710	-	-	-	-	-
	180	9/32	275	960	1510	1925	2220	2360	2910	3800	4260	4510	4820	5520	5710	6010	-	-	-
	250	1/4	190	590	1010	1260	1465	1610	2220	3160	3360	3520	3810	4310	4460	4710	5330	5525	5725
8015	15	3/4	2060	4170	7625	9020	10000	-	-	-	-	-	-	-	-	-	-	-	-
	30	9/16	925	2020	5220	6430	7725	8525	9525	-	-	-	-	-	-	-	-	-	-
	60	7/16	600	2220	3810	5025	6025	6625	7625	9526	-	-	-	-	-	-	-	-	-
	100	3/8	510	1720	3030	3620	4525	5220	6110	8525	9225	9725	10240	-	-	-	-	-	-
	125	11/32	390	1510	2625	3200	3910	4525	5440	7505	8060	8525	9610	10910	-	-	-	-	-
	180	5/16	340	1210	2110	2620	3220	3710	4525	6600	7025	7260	8120	8980	9500	10000	-	-	-
	225	9/32	310	980	1710	2125	2600	2960	3620	5420	5710	5925	6610	7320	7360	7900	9225	9810	-
	250	1/4	260	710	1220	1510	1920	2110	2610	3800	4010	4170	4600	5110	5500	6000	6375	6800	7000
8016	15	1-1/16	4060	8420	14525	17350	19200	-	-	-	-	-	-	-	-	-	-	-	-
	25	7/8	2090	5500	10000	12650	15620	18525	-	-	-	-	-	-	-	-	-	-	-
	40	3/4	1905	4510	8220	10625	12810	15000	18000	-	-	-	-	-	-	-	-	-	-
	60	5/8	1460	3520	6910	8720	10620	12110	14270	19625	-	-	-	-	-	-	-	-	-
	80	9/16	1270	3100	6000	7620	9330	10620	12500	17325	18320	19000	-	-	-	-	-	-	-
	125	1/2	1065	2620	5000	6410	7820	8900	10500	14525	15420	16330	18100	20000	-	-	-	-	-
	180	7/16	915	2220	4190	5550	6660	7525	9520	12420	13330	14200	15800	17500	18500	20000	-	-	-
	250	3/8	590	1820	3410	4525	5410	6110	7500	10125	10825	11510	12360	14300	15610	16900	17500	18500	19000