

Product Features

- Stainless Steel Construction
- Factory Calibrated and Tested Under Live Steam
- Low-Cost, Compact Lightweight Design
- Choice of Standard End-Fittings.
- Choice of Diaphragm or Bellows Actuators
- Applications: Sterilizers, Cookers, Steam Kettles, Laundry Press, Food and Chemical Process Equipment, Steam Vents.



Product Description

The Barnes & Jones Compact Steam Trap is a low cost, self-contained, disposable steam trap specifically designed for use on steam process equipment including steam kettles, cookers, stills, sterilizers, food, chemical and laundry equipment. Measuring only 3.25" x 1.25" and weighing just 4.5 oz. compared to conventional steam traps that weight 2 to 4 pounds. A versatile steam trap with a stainless steel housing of low mass to permit rapid thermostatic response to steam, condensate and non-condensable gases.

Compact Steam Traps are available with a choice of standard NPT end-fittings. For OEM applications, we offer a range of custom end connections to meet unique OEM design requirements. All Compact traps are factory calibrated and tested under live-steam conditions with a choice of thermostatic actuators including Diaphragm, Bronze Bellows and Monel Bellows.

WORKING CAPACITIES - Condensate (lbs./hr.) at 10° Temp Lag , 5/16" Orifice														
Pressure (PSIG)														
Model	5	10	15	20	25	30	40	50	60	65	80	100	125	150
Diaphragm	380	500	580	650	720	790	850	980	1150	1150	1200	-	-	--
Bronze Bellows	1100	1600	2000	2300	2600	2800	3300	4000	4100	4100	4400	-	-	-
Monel Bellows	1100	1600	2000	2300	2600	2800	3300	4000	4100	4100	4400	4800	5200	6500

WORKING CAPACITIES - Condensate (lbs./hr.) at 10° Temp Lag, 3/8" Orifice														
Diaphragm	520	680	790	900	970	1040	1200	1280	1350	1410	1500	-	-	-
Bronze Bellows	1500	2200	2700	3200	3500	3900	4500	5000	5400	5600	6100	-	-	-
Monel Bellows	1500	2200	2700	3200	3500	3900	4500	5000	5400	5600	6100	6500	7000	7700



Custom End-Fittings
Available for a range of OEM Applications.
Contact factory.

Compact Steam Trap—Model Numbers			
Standard NPT End-Fitting	Diaphragm (0-80 psig)	Bronze Bellows (0-80 psig)	Monel Bellows (0-150 psig)
1/8 x 1/8	D-1212	B-1212	M-1212
1/4 x 1/4	D-2222	B-2222	M-2222
3/8 x 3/8	D-3232	B-3232	M-3232
1/2 x 1/2	D-4242	B-4242	M-4242

Dimensions				
End-Fitting	1/8 x 1/8	1/4 x 1/4	3/8 x 3/8	1/2 x 1/2
Overall Height	2 3/4"	3 1/4"	3 3/8"	3 7/16"
Overall Width	1 15/16"			

