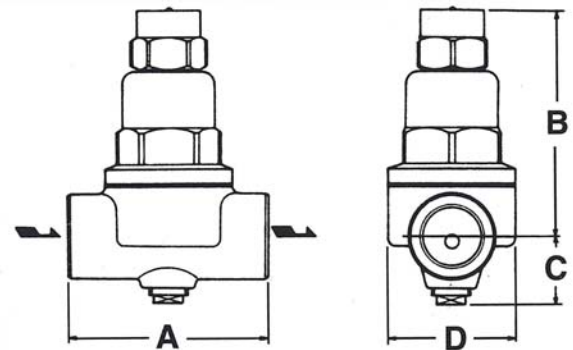


# BI-METAL STEAM TRAPS

## CBM Series



### FEATURES

- Condensate discharge temperature can be externally adjusted. Range: 125 to 350°F (Factory set at 160°F)
- Energy efficient, recovers sensible heat
- Temperature setting will not be influenced by pressure changes
- Resists water hammer
- Built-in strainer

### RATINGS

PMO (maximum operating pressure): 250 psi  
 TMO (maximum operating temperature): 500°F

### MATERIALS

Part	Description
Body	A105 Forged Steel
Cap	A105 Forged Steel
Bi-metallic Element	Stainless Steel
Valve Assembly	Stainless Steel
Screen	Stainless Steel

### DIMENSIONS AND WEIGHTS

Size		A		B		C		D		Weight	
mm	in	mm	in	mm	in	mm	in	mm	in	kg	lbs
15	1/2	90	3-1/2	106	4-3/16	35	1-3/8	58	2-1/4	0.95	2.1
20	3/4	90	3-1/2	106	4-3/16	35	1-3/8	58	2-1/4	0.95	2.1
25	1	95	3-3/4	110	4-5/16	35	1-3/8	58	2-1/4	1.05	2.3

### CAPACITIES IN POUNDS & KILOGRAMS PER HOUR OF CONDENSATE

Model No.	Degrees Below Setpoint		Differential Pressure											
	°C	°F	6.9 kpa	1 psi	35 kpa	5 psi	103 kpa	15 psi	345 kpa	50 psi	862 kpa	125 psi	1724 kpa	250 psi
CBM-6 (ALL SIZES)	2.8	5	9	20	16	35	23	50	41	90	59	130	79	175
	5.5	10	20	45	30	65	43	95	79	175	114	250	150	330
	11	20	34	75	54	120	91	200	159	350	227	500	295	650
	22	*40	54	120	91	200	150	330	250	550	363	800	454	1000
CBM-11 (ALL SIZES)	2.8	5	16	35	23	50	41	90	68	150	100	220	136	300
	5.5	10	34	75	54	120	91	200	150	330	227	500	285	650
	11	20	68	150	109	240	182	400	300	660	454	1000	590	1300
	22	*40	136	300	216	475	363	800	613	1350	908	2000	1181	2600

\* Cold water capacities are approximately, twice the 40°F offset capacity shown above

Colton has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.



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