

# HVAC & REFRIGERATION

## Steam Traps & Strainers

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Details on page A1.



**Bell & Gossett**  
a xylem brand



**Nicholson**  
A CIRCOR Energy Brand



## Steam Traps

Control steam and condensate movement to maximize removal of latent heat from steam for efficient system operation. Stainless steel internal components.

Max. Operating (psi)	(F)NPT Connections	Brand	Mfr. Model	Item No.
<b>Float and Thermostatic (Cast Iron), (2) Pipe, (1) Inlet and (1) Outlet</b>				
15 psi	1 1/2"	Bell & Gossett	FT015C-6	2CMD2
	1 1/2"	Mepeco/Dunham Bush	46-715G	402W71
	2"	Bell & Gossett	FT015C-8	2CMD5
	2"	Bell & Gossett	FT015X-8	2CMD7
30 psi	2 1/2"	Bell & Gossett	FT015C-10	2CMD6
	1 1/2"	Bell & Gossett	FT030C-6	2CMD3
75 psi	1 1/2"	Bell & Gossett	FT075C-5	2CMC9
	1 1/2"	Bell & Gossett	FT075C-6	2CMD4
125 psi	1 1/2"	Bell & Gossett	FT125C-5	2CMD1
<b>Float and Thermostatic (Cast Iron), (4) Pipe, (2) Inlet and (2) Outlet</b>				
15 psi	3/4"	Bell & Gossett	FT015H-3	4NU59
	1"	Bell & Gossett	FT015H-4	4NU60
	1 1/4"	Bell & Gossett	FT015H-5	4NU64
	1 1/2"	Bell & Gossett	FT015H-6	4NU69
30 psi	2"	Bell & Gossett	FT015H-8	4NU70
	3/4"	Bell & Gossett	FT030H-3	4NU61
75 psi	1"	Bell & Gossett	FT030H-4	2CMC5
	1 1/4"	Bell & Gossett	FT030H-5	2CMC8
125 psi	3/4"	Bell & Gossett	FT075H-3	4NU62
	1"	Bell & Gossett	FT075H-4	2CMC6
125 psi	3/4"	Bell & Gossett	FT0125H-3	4NU63
	1"	Bell & Gossett	FT125H-4	2CMC7
<b>Inverted Bucket (Cast Iron)</b>				
125 psi	1/2"	Bell & Gossett	B1125S-2	4NU78
	3/4"	Bell & Gossett	B1125S-3	4NU71
<b>Inverted Bucket (Cast Iron), In Body, In Line</b>				
30 psi	3/4"	Bell & Gossett	B1030S-3	2CMG5
	1/2"	Bell & Gossett	B1075S-2	2CMG4
75 psi	3/4"	Bell & Gossett	B1075S-3	2CMG6
	1/2"	Bell & Gossett	B0080A-2	2CMD8
80 psi	1/2"	Bell & Gossett	B0080A-2	2CMD8
	3/4"	Bell & Gossett	B0080A-3	2CME2
125 psi	3/4"	Bell & Gossett	B0080S-3	2CME8
	1/2"	Bell & Gossett	B0125A-2	2CMD9
150 psi	1/2"	Bell & Gossett	B0125S-2	2CME6
	3/4"	Bell & Gossett	B0125A-3	2CME3
150 psi	3/4"	Bell & Gossett	B0125S-3	2CME9
	1/2"	Bell & Gossett	B0150A-2	2CME1
180 psi	1/2"	Bell & Gossett	B0150S-2	2CME7
	3/4"	Bell & Gossett	B0150A-3	2CME4
250 psi	3/4"	Bell & Gossett	B0150S-3	2CMG1
	1/2"	Bell & Gossett	B1180S-3	2CMG7
250 psi	1/2"	Bell & Gossett	B1030S-2	2CMG2
<b>Inverted Bucket (Cast Iron), Straight</b>				
200 psi	3/4"	Mepeco/Dunham Bush	IB12-3-30G	402W85
<b>Thermodynamic (Stainless Steel), Straight</b>				
600 psi	3/8"	Nicholson	NTD600-N1B9A	4DXL7
	1/2"	Nicholson	NTD600-N1C9A	4DXL8
	3/4"	Nicholson	NTD600-N1D9A	4DXL9
	1"	Nicholson	NTD600-N1E9A	4DXN1
<b>Thermodynamic (Stainless Steel), Straight, with Strainer</b>				
600 psi	3/8"	Nicholson	NTD600-N1B9S	4DXN2
	1/2"	Nicholson	NTD600-N1C9S	4DXN3
	3/4"	Nicholson	NTD600-N1D9S	4DXN4
	1"	Nicholson	NTD600-N1E9S	4DXN5
<b>Thermostatic (Brass), Angle</b>				
25 psi	1/2"	Bell & Gossett	17-C-A-2-25	4NU75
	1/2"	Mepeco/Dunham Bush	1E-APG	402W98
	3/4"	Bell & Gossett	17C-A-3-25	2CMG8
	1"	Bell & Gossett	17C-A-4-25	2CMG9
125 psi	1/2"	Bell & Gossett	8C-A-2-125	4NU72
	3/4"	Bell & Gossett	8C-A-3-125	4NU73
125 psi	1"	Bell & Gossett	9C-A-4-125	2CMH2
<b>Thermostatic (Brass), Straightaway</b>				
25 psi	3/4"	Bell & Gossett	17C-S-3-25	2CMH1
125 psi	3/4"	Bell & Gossett	8C-S-3-125	4NU74
<b>Thermostatic (Brass), Straightaway Swivel</b>				
25 psi	1/2"	Bell & Gossett	17C-S-2-25	4NU76
<b>Thermostatic (Brass), Vertical</b>				
25 psi	1/2"	Bell & Gossett	17C-V-2-25	4NU77



**Float and Thermostatic**—Traps meet Mil. Spec. WW-T-696-E Type VI, Class 1-5, except 402W71.  
**Inverted Bucket**—Inlet and outlet pipe connections are on the same level. Removable covers have valve linkage and seat attached. Meet Mil. Spec. WW-T-696-E Type I, Style B, Class 1-7, except items with Mfr. Model number having a B0 prefix and 402W85.  
**Thermodynamic**—Compact traps handle water hammer and superheat; install easily in any position. Audible discharge makes checking operation simple. For use in kettles, steam main drips, and steam trapping.  
**Thermostatic**—Balanced-pressure stainless steel thermostatic element automatically adjusts to varying pressures. Meet Mil. Spec. A-A-60001 Type V, Style A, Class 1 and 2, except 402W98.

For Use With	Includes	Brand	Mfr. Model	Item No.
<b>Replacement Parts</b>				
<b>Modules</b>				
Barnes And Jones 122	—	Bell & Gossett	600053	13E341
D-B And Mepeco 1C/1E	—	Bell & Gossett	600052	13E342
Hoffman 17C	—	Bell & Gossett	600084	13E339
W-25/TH-25/TS-25, Illinois 1G	—	Bell & Gossett	600056	13E340
Tarren Webster 02H/502	—	Bell & Gossett	600250	13E343
<b>Float and Thermostatic (Cast Iron)</b>				
FT015H-3, FT015H-4	—	Bell & Gossett	405594	2CMH9
2CMC5, 4NU61, FT030H-3, FT030H-4	—	Bell & Gossett	405598	2CMJ4
4NU64, FT015H-5	Cover, Gasket, Float, Pin, & Element	Bell & Gossett	405595	2CMJ1
4NU69, FT015H-6	—	Bell & Gossett	405596	2CMJ2
4NU70, FT015H-8	—	Bell & Gossett	405597	2CMJ3
B1030S-2, B1030S-3, FT030H-3, FT030H-4, FT030H-5, FTH-3,4,5 / B1	Cover Gasket	Bell & Gossett	405601	2CMJ7
4NU69, FTH-6	—	Bell & Gossett	405602	2CMJ8
4NU70, FTH-8	—	Bell & Gossett	405603	2CMJ9
2CMD2, 2CMD5, 2CMD6, 2CMD7, 4NU59, 4NU60, 4NU64, 4NU69, 4NU70	Thermostatic Element	Bell & Gossett	405604	2CMK1
2CMC8, FT030H-5	—	Bell & Gossett	405606	2CMK3
2CMD2, FT015C-6	Cover Gasket, Float, Pin, & Element	Bell & Gossett	405608	2CMK4
2CMD4, FT075C-6	—	Bell & Gossett	405610	2CMK5
2CMD1, 2CMD2, 2CMD3, 2CMD4, 2CMD9, FTC-6	—	Bell & Gossett	405634	2CML5
2CMD5, FTC-8	Cover Gasket	Bell & Gossett	405635	2CML6
2CMD6, FTC10	—	Bell & Gossett	405636	2CML7
2CMD7, FTH-8	—	Bell & Gossett	405637	2CML8
4NU62, FT075H-3, FT075H-4	—	Bell & Gossett	405599	2CMJ5
FT0125H-3, FT125H-3, FT125H-4	—	Bell & Gossett	405600	2CMJ6
<b>Inverted Bucket (Cast Iron)</b>				
2CMG2, 2CMG5, B1030-2, B1030-3	Cover Gasket, Bucket, Pin, & Seat	Bell & Gossett	405619	2CML9
20 psi Inverted Bucket, B0020A, B0020S	—	Bell & Gossett	405614	2CMP7
4NU71, 4NU78, B1125-2, B1125-3	—	Bell & Gossett	405613	2CMK9
B0	—	Bell & Gossett	405618	2CML4
B1075-2, B1075-3	—	Bell & Gossett	405620	2CMN1
<b>Thermodisc (Stainless Steel)</b>				
4NU65, TD6523	5 Replacement Discs	Bell & Gossett	405622	2CMN3
<b>Thermostatic (Brass)</b>				
17-C-A-2-25, 17C-A-3-25, 17C-A-4-25, 17C-S-2-25, 17C-S-3-25, 17C-V-2-25	Thermostatic Element	Bell & Gossett	405628	2CMN9
<b>Pilot Regulator</b>				
SPS Spring Pilot, 4NU80, 4NU81, 4NU82	1 Diaphragm Screw, 1 Pusher Plate, 1 Valve Spring, 1 Seat Ring, 1 Gasket, 1 Pressure Plate, 3 Diaphragms (use only 2 pieces on SPS-30 & SPS-60), 1 Stem, 1 Screen, 1 Disc, & 2 Stem Nuts	Spence	07-04164-00	2CMP2
<b>Vacuum Breaker (Brass)</b>				
4NU79, 62	One O-Ring	Bell & Gossett	405633	2CMP5



## Pilot Regulators

Pressure pilot springs are interchangeable. Feature stainless steel components and a removable strainer. Max. operating pressure: 250 psi.

Pressure Adjustment Range	Pilot Valve Spring Color	Mfr. Model	Item No.
2 to 30 psi	Blue	SPS-30	4NU80
5 to 60 psi	Red	SPS-60	4NU81
20 to 175 psi	Gold	SPS-175	4NU82



4NU84

## "Y" Strainers

**Bell & Gossett**  
a xylem brand

Remove harmful pipeline debris to safeguard valves and pumps. Screen size: 20. Rated for 400 psi water. Steam pressure: cast iron 250 psi, cast brass 300 psi.

Connec. Type	Housing Material	Mfr. Model	Item No.
FNPT x FNPT	Cast Iron	415C - 1/2"	4NU84
		415C - 3/4"	4NU85
		415C - 1"	4NU86
	Brass	415C - 1 1/4"	4NU87
		415C - 1 1/2"	4NU88
		415C - 2"	4NU89
		420C - 1/2"	4NU90
		420C - 3/4"	4NU91
		420C - 1"	4NU92



## Vacuum Breaker

Improves condensate removal and prevents poor equipment performance. Adjustable from 1/4" to 20" Hg vacuum. Rated for 150 psi. Max. temp.: 366°F.

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a xylem brand

Size	Connection Type	Material of Construction	Mfr. Model	Item No.
3/4 in	MNPT	Brass	62	4NU79