

Condensate Coolers, T-Line Strainers, and Float Type Air Vents

CONDENSATE COOLERS

Max. pressure: 150 psig

■ Max. temp.: 180°F Use to mix hot water or hot condensate with a cold water supply to help reduce the temperature to an acceptable level. Can cool to a preset temperature of 135°F, or field set

Suitable for most plumbing systems.

T-LINE STRAINERS

Feature a larger open screen area and can trap particles that harm valves and other sensitive equipment in your steam or refrigeration systems. Corrosion-resistant stainless steel.

to a desired temperature. FLOAT TYPE AIR VENTS Free-floating air/gas

vents provide positive venting of air/gases under ■ Max. pressure: 400 psi pressure. Corrosion-■ Max. fluid temp.: 500°F resistant, stainless steel vents feature a positiveclosing lever to help ensure a leaktight closing. Body and caps are welded together to form a permanently sealed, gasketless, and tamperproof unit.



			30YT95				
Cold Water Inlet			e Condensate Outlet	ltem No.			
Condensa	te Cool						
3/8 in	3/4 in	3/4 in	1 ¼ in	30YT83			
3/4 in	1 ½ in	1 ½ in	1 ½ in	30YT84			
Pipe Size	н	1	Perforated Screen Size	Item No.			
T-Line Stra	ainers						
1/2 in	5 % in	4 in	0.045 in	30YT85			
3/4 in	6 1/16 in	4 in	0.045 in	30YT86			

Inlet Outlet		Н	Max. Temp.	Max. Working Pressure	Item No.		
Cast Iron	MII VGIILO)					
			200 °F	146 psi	30YT87		
½ in			200 °F	173 psi	30YT88		
			200 °F	219 psi	30YT89		
1/4 in	2 3/4 in E	¾ in 5 ½ in	200 °F	300 psi	30YT90		
74 III	3 94 111 3		200 °F	146 psi	30YT91		
3/4 in			200 °F	173 psi	30YT92		
74 111			200 °F		30YT93		
			200 °F	300 psi	30YT94		
Stainless Steel							
	2 ¾ in 7		500 °F	178 psi	30YT95		
½ in			500 °F	267 psi	30YT96		
1/2 in		7 1/4 in	500 °F	400 psi	30YT97		
		74 111	1,000	178 psi	30YT98		
3⁄4 in			500 °F		30YT99		
			500 °F	400 psi	30YU01		

Steam Traps

Inverted bucket steam traps feature a free-floating valve mechanism with no fixed pivots to wear out. They are low maintenance and designed to handle dirty steam for reliable service and long life.

Mepco—Disc steam trap allows easy maintenance, inspection, and a 1-pc. thermodynamic cartridge can be replaced without removing the trap from the line. Durable and can withstand the effects of superheat, vibration, water hammer, and corroFloat and Thermostatic steam traps are not affected by wide or sudden pressure changes, respond quickly to condensate load changes, and can function under high back pressure conditions.

Armstrong—Inverted bucket steam traps feature an innovative leverage system that multiplies the force provided by the bucket to open the valve against system pressure. Design can provide reliable operation and efficient condensate drainage on most

sive environments.			types of steam equipment.					
			Max.			End to		
(F)NPT		NPT		Condensate	Max.	End		Item
Connec.		Outlet	(psi)	Cap. lb./hr.	Temp.	Length	Brand	No.
Cast Iron								
	d Thermosta	1/2"	15	1.129 lb/hr	450 °F	5"	Мерсо	405Y71
1/2"	1/2"	1/2"	30	1,129 lb/lif 1,439 lb/hr	450 °F	5"	Mepco	405Y74
	3/4"	11/32"	15	1,129 lb/hr	450 °F	5"	Mepco	405Y72
	3/4"	3/4"	15	2,175 lb/hr	450 °F	4 7/8"	Mepco	405Y56
	3/4"	3/4"	30	1,439 lb/hr	450 °F	5"	Мерсо	405Y75
3/4"	3/4"	3/4"	30	2,300 lb/hr	450 °F	4 7/8"	Мерсо	405Y61
	3/4"	3/4"	75	1,523 lb/hr	450 °F	5"	Mepco	405Y78
	3/4"	3/4"	75	1,650 lb/hr	450 °F	4 7/8"	Mepco	405Y66
	3/4"	3/4"	75	1,650 lb/hr	450 °F	4 7/8"	Mepco	405Y87
	3/4" 1"	3/4" 1"	125	1,650 lb/hr	450 °F 450 °F	4 7/8"	Mepco	405Y91
	4"		15 30	2,175 lb/hr	450 °F	4 1/8	Mepco Mepco	405Y57 405Y62
1"	+		75	2,300 lb/hr 1,650 lb/hr	450 °F	4 7/8	Mepco	405Y67
			75	1,650 lb/hr	450 °F	4 7/8"	Mepco	405Y88
	1"	-i-	125	1.650 lb/hr	450 °F	4 7/8"	Мерсо	405Y92
	11/4"	11/4"	15	2,700 lb/hr	450 °F	5 3/8"	Мерсо	405Y58
	11/4"	11/4"	30	3,000 lb/hr	450 °F	5 1/2"	Мерсо	405Y63
11/4"	11/4"	11/4"	75	2,400 lb/hr	450 °F	5 3/8"	Mepco	405Y68
	11/2"	1/2"	75	2,700 lb/hr	450 °F	4 1/8"	Mepco	405Y89
	11/2"	1/2"	125	2,500 lb/hr	450 °F	5 3/8"	Mepco	405Y93
11/2"	1½"	1/2"	75	2,700 lb/hr	450 °F	5 %" 7"	Mepco	405Y69
2"	2"	2" 2"	30 30	12,500 lb/hr	450 °F 450 °F	8 1/2"	Mepco	405Y86
2	2"	2"	125	12,500 lb/hr 4.500 lb/hr	450 °F	7"	Mepco Mepco	405Y65 405Y94
Inverted			120	4,500 10/111	40U F		iviepco	400194
mvortou	1/5"	1/2"	150	572 lb/hr	450 °F	5"	Мерсо	405Y23
1/2"	1/6"	1/2"	250	765 lb/hr	450 °F	5"	Mepco	405Y28
	1/2"	3/4"	30	1,000 lb/hr	450 °F	5"	Мерсо	405Y26
	3/4"	1/2"	30	1,000 lb/hr	450 °F	5"	Mepco	405Y29
	3/4"	1/2"	80	690 lb/hr	450 °F	5"	Mepco	405Y24
3/4"	3/4"	1/2"	150	572 lb/hr	450 °F	5"	Mepco	405Y25
	3/4"	3/4"	125	955 lb/hr	450 °F	5"	Mepco	405Y30
	3/4" 1"	3/4" 1"	250	765 lb/hr	450 °F	5" 5"	Mepco	405Y31
			30 125	1,000 lb/hr 955 lb/hr	450 °F 450 °F	5"	Mepco Mepco	405Y32 405Y33
1"	1"		125	3,925 lb/hr	450 °F	7 3/4"	Mepco	405Y39
į.	+	1"	250	765 lb/hr	450 °F	5"	Mepco	405Y34
	- i	-i-	250	3,500 lb/hr	450 °F	7 3/4"	Mepco	405Y40
11/2"	11/2"	11/2"	250	7.000 lb/hr	450 °F	10 1/4"	Mepco	405Y49
2"	2"	2"	125	10,910 lb/hr	450 °F	10 1/4"	Mepco	405Y51
_	2"	2"	250	7,000 lb/hr	450 °F	10 1/4"	Мерсо	405Y52
Stainless	Steel							
Disc						0.447.0		
	1/2"	1/2"	600	1,200 lb/hr	800 °F	2 11/16"	Mepco	405Y80
1/2"	1/2"	1/2"	600 600	1,200 lb/hr 1,200 lb/hr	800 °F 800 °F	2 11/16"	Mepco Mepco	405Y95 405Y98 *
	1/2"	1/2"	600	2,820 lb/hr	800 F	2 11/16	Mepco	405Y83
	3/4"	3/4"	600	1.830 lb/hr	800 °F	2 13/16"	Mepco	405Y81
0.71	3/4"	3/4"	600	1,830 lb/hr	800 °F	2 13/16"	Mepco	405Y84
3/4"	3/4"	3/4"	600	1.830 lb/hr	800 °F	2 13/16"	Mepco	405Y96
	3/4"	3/4"	600	1.830 lb/hr	800 °F	2 13/16"	Mepco	405Y99
	1"	1"	600	2,820 lb/hr	800 °F	3 5/16"	Mepco	405Y82
1"	1"	1"	600	2,820 lb/hr	800 °F	3 5/16"	Мерсо	405Y85
	1"	1"	600	2,820 lb/hr	800 °F	3 5/16"	Mepco	405Y97
	1"	1"	600	2,820 lb/hr	800 °F	3 5/16"	Mepco	405Z01 *



Cast Iron

405Y56







Cast Iron, with **Integral Strainer**

	405 156				36Y223	
(F)NPT Connec.	Max. Operating (psi)	Condensate Cap. lb./hr.	Max. Temp.	End to End Length	Brand	Item No.
Cast Iron						
Inverted Bu			100.05			
1/1	30	1,000 lb/hr	400 °F	5"	Armstrong	36Y192
	80	700 lb/hr	450 °F	5"	Armstrong	36Y188
1/2"	125	950 lb/hr	400 °F	5"	Armstrong	36Y193
	150	600 lb/hr	400 °F	5"	Armstrong	36Y189
	250	750 lb/hr	400 °F	5"	Armstrong	36Y194
	30	1,000 lb/hr	450 °F	5"	Armstrong	36Y195
	30	4,000 lb/hr	400 °F	73/4"	Armstrong	36Y202
	80	700 lb/hr	400 °F	5"	Armstrong	36Y190
3/4"	125 125	950 lb/hr	400 °F 400 °F	5" 7¾"	Armstrong	36Y196 36Y203
		4,000 lb/hr	400 F 400 °F		Armstrong	
	150 250	600 lb/hr 750 lb/hr	400 F 400 °F	5" 5"	Armstrong	36Y191 36Y197
	250	3.800 lb/hr	400 F 400 °F	73/4"	Armstrong	36Y204
	30	1,000 lb/hr	400 °F	5"	Armstrong	36Y198
	30	4.000 lb/hr	400 °F	73/4"	Armstrong Armstrong	36Y205
	125	950 lb/hr	400 °F	5"	Armstrong	36Y199
	125	4.000 lb/hr	450 °F	73/4"	Armstrong	36Y206
1"	130	11,000 lb/hr	400 °F	101/4"	Armstrong	36Y212
	250	750 lb/hr	400 °F	5"	Armstrong	36Y201
	250	3.800 lb/hr	400 °F	73/4"	Armstrong	36Y207
	250	7.000 lb/hr	400 °F	101/4"	Armstrong	36Y213
	125	6,900 lb/hr	450 °F	8"	Armstrong	36Y209
11/4"	250	5,900 lb/hr	400 °F	8"	Armstrong	36Y210
	30	9,900 lb/hr	400 °F	101/4"	Armstrong	36Y214
11/2"	130	11,000 lb/hr	450 °F	101/4"	Armstrong	36Y215
	250	7.000 lb/hr	450 °F	101/4"	Armstrong	36Y216
	30	9,900 lb/hr	400 °F	101/4"	Armstrong	36Y217
2"	130	11,000 lb/hr	400 °F	101/4"	Armstrong	36Y218
	250	7,000 lb/hr	400 °F	101/4"	Armstrong	36Y219
21/2"	250	19,000 lb/hr	400 °F	13"	Armstrong	36Y222
	rith Integral S	trainer				
Inverted Bu						
	30	1,000 lb/hr	450 °F	5" 5"	Armstrong	36Y223
	125	950 lb/hr	450 °F		Armstrong	36Y224
1/2"	125	2,000 lb/hr	450 °F	37/8"	Armstrong	36Y233
	250	750 lb/hr	450 °F	5"	Armstrong	36Y225
	250	1,300 lb/hr	450 °F	37/8"	Armstrong	36Y234
	30	1,000 lb/hr	450 °F	5"	Armstrong	36Y226
	30	4,000 lb/hr	450 °F	77/8"	Armstrong	36Y235
3/4"	125 125	950 lb/hr	450 °F 450 °F	5"	Armstrong	36Y227
		4,000 lb/hr	450 °F	71/8"	Armstrong	36Y236
	250	750 lb/hr	450 °F	5" 7%"	Armstrong	36Y228
	250 30	3,500 lb/hr 1,000 lb/hr	450 °F	5"	Armstrong	36Y237 36Y229
	30	4.000 lb/hr	450 °F	77/8"	Armstrong Armstrong	36Y238
	125	950 lb/hr	450 °F	5"	Armstrong	36Y230
1"	125	4.000 lb/hr	450 °F	77/8"	Armstrong	36Y239
	250	750 lb/hr	450 °F	5"	Armstrong	36Y231
	250	3.500 lb/hr	450 °F	77/8"	Armstrong	36Y240
	30	4.000 lb/hr	450 °F	77/8"	Armstrong	36Y241
11/4"	125	4,000 lb/hr	450 °F	77/8"	Armstrong	36Y242
1 /4	120	-1,000 ID/III	700 I	1/0	, a monority	001272

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