



# 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

to a desired temperature. Suitable for most plumbing systems.

## T-LINE STRAINERS

- Max. pressure: 400 psi
- Max. fluid temp.: 500°F

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.

## FLOAT TYPE AIR VENTS

Free-floating air/gas vents provide positive venting of air/gases under pressure. Corrosion-resistant, stainless steel vents feature a positive-closing lever to help ensure a leaktight closing. Body and caps are welded together to form a permanently sealed, gasketless, and tamper-proof unit.

30YT83



30YT95



Cold Water Inlet	Vent Outlet	Condensate Inlet	Condensate Outlet	Item No.
3/8 in	3/4 in	3/4 in	1 1/4 in	30YT83
3/4 in	1 1/2 in	1 1/2 in	1 1/2 in	30YT84
Condensate Coolers				
Pipe Size	H	L	Perforated Screen Size	Item No.
1/2 in	5 1/2 in	4 in	0.045 in	30YT85
3/4 in	6 1/2 in	4 in	0.045 in	30YT86
T-Line Strainers				

Inlet	Outlet	W	H	Max. Temp.	Max. Working Pressure	Item No.
<b>Cast Iron</b>						
<b>Float Type Air Vents</b>						
1/2 in				200 °F	146 psi	30YT87
				200 °F	173 psi	30YT88
				200 °F	219 psi	30YT89
				200 °F	300 psi	30YT90
3/4 in				200 °F	146 psi	30YT91
				200 °F	173 psi	30YT92
				200 °F	219 psi	30YT93
				200 °F	300 psi	30YT94
<b>Stainless Steel</b>						
1/2 in				500 °F	178 psi	30YT95
				500 °F	267 psi	30YT96
				500 °F	400 psi	30YT97
				500 °F	178 psi	30YT98
				500 °F	267 psi	30YT99
				500 °F	400 psi	30YT01

## 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 corrosive environments.

Float 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 types of steam equipment.

Stainless Steel  
405Y95



Cast Iron  
405Y56

(F)NPT Connec.	NPT Inlet	NPT Outlet	Max. Operating (psi)	Condensate Cap. lb./hr.	Max. Temp.	End to End Length	Brand	Item No.
<b>Cast Iron</b>								
<b>Float and Thermostatic</b>								
1/2"	1/2"	1/2"	15	1,129 lb/hr	450 °F	5"	Mepco	405Y71
	1/2"	1/2"	30	1,439 lb/hr	450 °F	5"	Mepco	405Y74
	3/4"	1 1/2"	15	1,129 lb/hr	450 °F	5"	Mepco	405Y72
	3/4"	3/4"	15	2,175 lb/hr	450 °F	4 5/8"	Mepco	405Y56
	3/4"	3/4"	30	1,439 lb/hr	450 °F	5"	Mepco	405Y75
3/4"	3/4"	3/4"	30	2,300 lb/hr	450 °F	4 5/8"	Mepco	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"	3/4"	125	1,650 lb/hr	450 °F	4 7/8"	Mepco	405Y91
1"	1"	1"	15	2,175 lb/hr	450 °F	4 7/8"	Mepco	405Y57
	1"	1"	30	2,300 lb/hr	450 °F	4 7/8"	Mepco	405Y62
	1"	1"	75	1,650 lb/hr	450 °F	4 7/8"	Mepco	405Y67
	1"	1"	75	1,650 lb/hr	450 °F	4 7/8"	Mepco	405Y88
	1"	1"	125	1,650 lb/hr	450 °F	4 7/8"	Mepco	405Y92
1 1/4"	1 1/4"	1 1/4"	15	2,700 lb/hr	450 °F	5 3/8"	Mepco	405Y58
	1 1/4"	1 1/4"	30	3,000 lb/hr	450 °F	5 1/2"	Mepco	405Y63
	1 1/4"	1 1/4"	75	2,400 lb/hr	450 °F	5 3/8"	Mepco	405Y68
	1 1/2"	1 1/2"	75	2,700 lb/hr	450 °F	4 7/8"	Mepco	405Y89
	1 1/2"	1 1/2"	125	2,500 lb/hr	450 °F	5 3/8"	Mepco	405Y93
1 1/2"	1 1/2"	1 1/2"	75	2,700 lb/hr	450 °F	5 3/8"	Mepco	405Y69
	2"	2"	30	12,500 lb/hr	450 °F	7"	Mepco	405Y86
	2"	2"	30	12,500 lb/hr	450 °F	8 1/2"	Mepco	405Y65
	2"	2"	125	4,500 lb/hr	450 °F	7"	Mepco	405Y94
<b>Inverted Bucket</b>								
1/2"	1/2"	1/2"	150	572 lb/hr	450 °F	5"	Mepco	405Y23
	1/2"	1/2"	250	765 lb/hr	450 °F	5"	Mepco	405Y28
	1/2"	3/4"	30	1,000 lb/hr	450 °F	5"	Mepco	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"	1/2"	150	572 lb/hr	450 °F	5"	Mepco	405Y25
3/4"	3/4"	3/4"	125	955 lb/hr	450 °F	5"	Mepco	405Y30
	3/4"	3/4"	250	765 lb/hr	450 °F	5"	Mepco	405Y31
	1"	1"	30	1,000 lb/hr	450 °F	5"	Mepco	405Y32
	1"	1"	125	955 lb/hr	450 °F	5"	Mepco	405Y33
	1"	1"	125	3,925 lb/hr	450 °F	7 3/4"	Mepco	405Y39
	1"	1"	250	765 lb/hr	450 °F	5"	Mepco	405Y34
	1"	1"	250	3,500 lb/hr	450 °F	7 3/4"	Mepco	405Y40
1 1/2"	1 1/2"	1 1/2"	250	7,000 lb/hr	450 °F	10 1/4"	Mepco	405Y49
	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"	Mepco	405Y52
<b>Stainless Steel</b>								
<b>Disc</b>								
1/2"	1/2"	1/2"	600	1,200 lb/hr	800 °F	2 1/16"	Mepco	405Y80
	1/2"	1/2"	600	1,200 lb/hr	800 °F	2 1/16"	Mepco	405Y95
	1/2"	1/2"	600	1,200 lb/hr	800 °F	2 1/16"	Mepco	405Y98 *
	1/2"	1/2"	600	2,820 lb/hr	800 °F	2 1/16"	Mepco	405Y83
	3/4"	3/4"	600	1,830 lb/hr	800 °F	2 1/16"	Mepco	405Y81
	3/4"	3/4"	600	1,830 lb/hr	800 °F	2 1/16"	Mepco	405Y84
	3/4"	3/4"	600	1,830 lb/hr	800 °F	2 1/16"	Mepco	405Y96
	3/4"	3/4"	600	1,830 lb/hr	800 °F	2 1/16"	Mepco	405Y99
	1"	1"	600	2,820 lb/hr	800 °F	3 3/16"	Mepco	405Y82
	1"	1"	600	2,820 lb/hr	800 °F	3 3/16"	Mepco	405Y85
	1"	1"	600	2,820 lb/hr	800 °F	3 3/16"	Mepco	405Y97 *
	1"	1"	600	2,820 lb/hr	800 °F	3 3/16"	Mepco	405Y01 *

\* Includes strainers.