

Gas/Liquid

# Float Drain Traps

- Drain Condensate from Gas/Liquid Separators

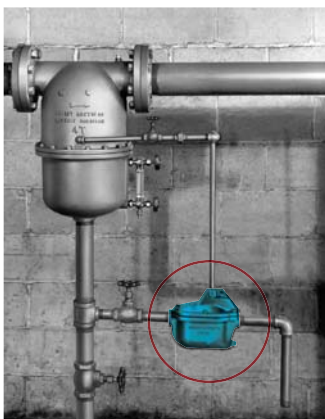
## FEATURES

- No Priming Required
- Stainless Steel Internal Parts
- Internal Parts Removed with Cover
- No Loss of Line Pressure
- Choice of Inlet/Outlet Configurations

## OPTIONS

- Heater for Low Temperature Applications

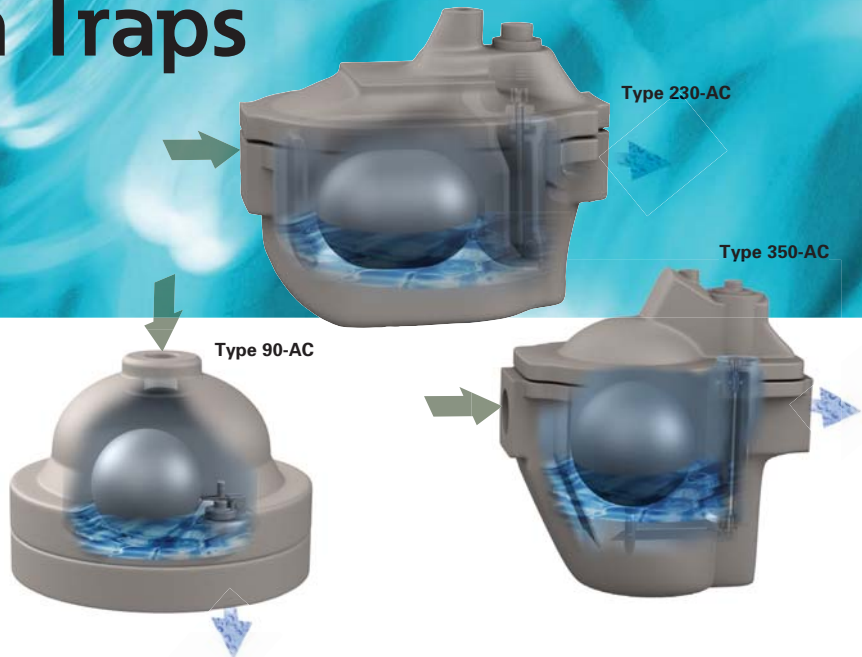
## Typical Float Drain Trap Installations



Type 230-AC Installation



Type 90-AC Installation



Eaton Float Drain Traps efficiently handle the liquids in the storage tanks and drip points of separators without pressure loss in the line. These traps are capable of removing up to 2800 pounds of condensate per hour and work with pressure differentials from 5 up to 250 psi.

### Type 90-AC and 95-AC Float Drain Traps

- Cast iron, cast carbon steel, or cast stainless steel for 0 to 500 psi service
- A positive water seal prevents loss of air or gas
- Straight-through design
- Internal parts, including the valve and seat, are corrosion-resistant, non-magnetic stainless steel
- Working parts are attached to the base for easy removal and inspection
- A side inlet/outlet configuration is available for iron, carbon steel, and stainless steel traps

### Type 230-AC Float Drain Traps

- Cast iron for 0 to 125 psi service, ideal where gummy emulsions or cylinder lubricants make other traps inoperative

- Vertical inlet, down-flow discharge design
- Ample float power and a large outward opening discharge valve prevent loss of pressure
- Internal parts are stainless steel, including a non-magnetic valve and seat
- Working parts are attached to the cover for easy removal without disconnecting the trap from the line.
- No priming is required
- For low temperature applications, a heater is available as an option

### Type 350-AC Float Drain Traps

These ball float traps feature a "Three-Traps-In-One" design. Three valves open and close progressively as condensate volume varies. When the float chamber water level rises, the ball float lies deep in the water until its buoyancy overcomes the opposing line pressure and snaps the valve wide open. When closing, as each valve approaches its seat, the line pressure snaps it tightly in place. These traps have cast iron bodies, and stainless steel, or copper internal parts.

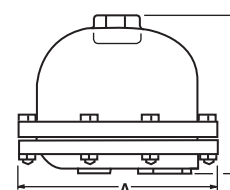
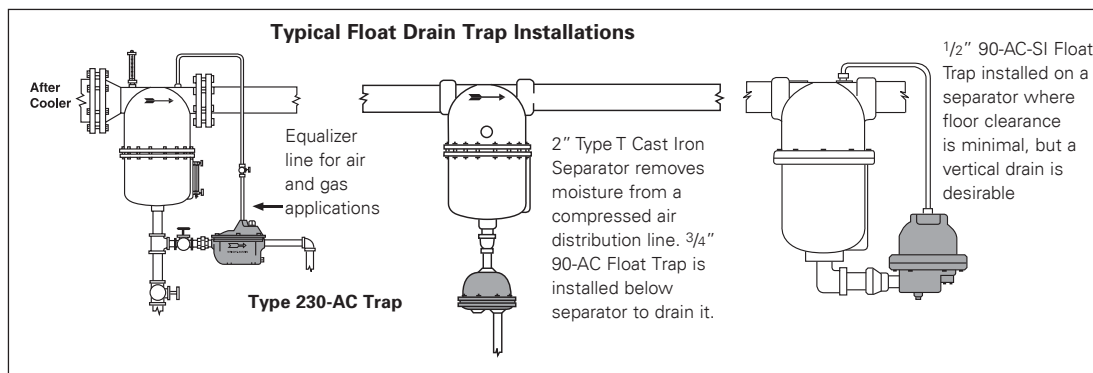


# Float Drain Traps

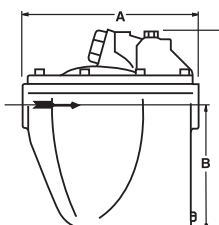
Dimensions: Types 90, 95, 230 and 350 (in/mm)

Model No.	Pipe Size (NPT)	A	B	C	Width	-----Weight (lb/kg)-----		
						Cast Iron	Cast Steel	Stainless Steel
90-AC	3/4	6.12 / 155	—	4.87 / 124	5.12 / 130	19 / 8.6	—	—
90-AC-SI-SO	1/2	6.12 / 155	—	5.75 / 146	5.12 / 130	19 / 8.6	—	—
95-AC	1	7 / 178	—	6.12 / 155	6.12 / 155	19 / 8.6	19 / 8.6	19 / 8.6
230-ACN	1	9 / 229	3.63 / 92	7.5 / 190	5.63 / 143	25 / 11.3	—	—
350-ACN	1, 1-1/4, 1-1/2, 2*	14.38 / 365	8.5 / 216	15.38 / 391	9.25 / 235	81 / 36	—	—

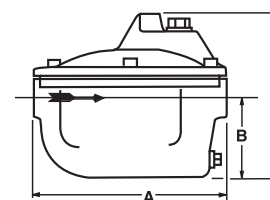
\* 1, 1-1/4, and 1-1/2 are bushed down from 2" size



Type 90-AC



Type 350-ACN



Type 230-ACN

Capacities: Condensate (lb/hr) at 70 °F - Types 90, 95, 230, and 350

Model No.	Orifice Diameter	Differential Pressure (psi). Specify on Order												
		5	10	25	50	75	100	125	150	175	200	250	300	500
90-AC and 90-AC-SI-SO	5/32"	292	434	790	1273	1600	—	—	—	—	—	—	—	—
	1/8"	178	266	502	785	970	1130	1250	1370	1465	1550	1750	—	—
	3/32"	97	147	265	427	545	625	697	760	815	870	965	—	—
	5/64"	68	101	198	299	382	435	487	530	570	590	650	—	—
95-AC	5/32"	292	434	790	1273	1623	1850	2075	2250	2400	2575	2840	—	—
	1/8"	178	266	502	785	970	1130	1280	1370	1465	1550	1750	1950	2500
	3/32"	97	147	266	427	545	625	697	760	815	870	965	1060	1350
230-AC	7/32"	396	595	1075	1733	2205	2525	2800	—	—	—	—	—	—

Model No.	Orifice Diameter		Differential Pressure (psi). Specify on Order									
	Under 100 psi	Over 100 psi	5	10	25	50	75	100	125	150	175	200
350-AC	1/8"	3/32"	546	808	1464	2337	2985	3435	2085	2280	2445	2160
	9/64"	1/8"	702	1050	1804	2992	3787	4350	3825	4125	4410	4740
	5/32"	9/64"	877	1302	2370	3819	4867	5550	4860	5280	5400	6000
	3/16"	5/32"	1189	1785	3226	5201	6615	7575	6225	6750	7200	7400
	1/4"	7/32"	2145	3255	5771	9291	11,827	13,575	11,625	12,600	13,650	14,400



Brisbane, Australia  
[www.monarchindustrial.com.au](http://www.monarchindustrial.com.au)  
[www.monarchasiapacific.com.au](http://www.monarchasiapacific.com.au)



EF-G/L-12  
6-2012