

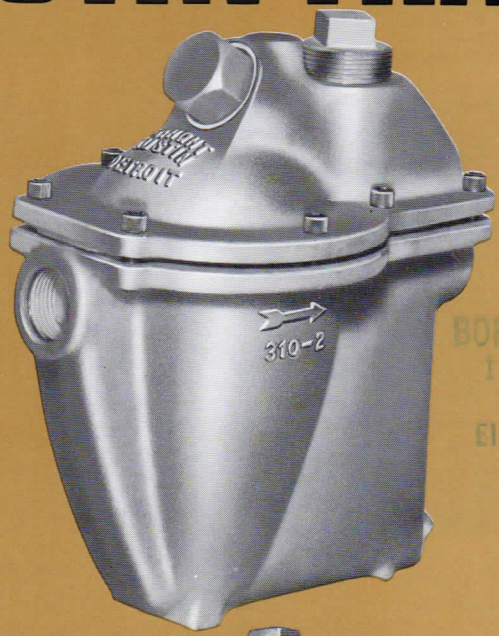
WRIGHT-AUSTIN TRAPS

*for compressed air
and gas service*

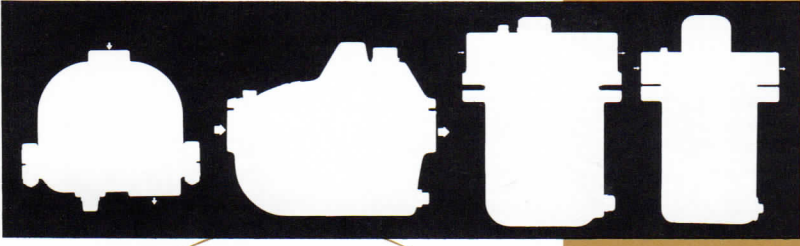
Wright-Austin traps have been an industry standard for over 75 years. Those described in this folder are designed to efficiently handle, without loss of line pressure, the draining of condensate removed from the air or gas by separators or condensate which accumulates in storage tanks or at drip points.

These traps are capable of removing up to 38,000 pounds of condensate per hour from lines carrying as low as .5 PSI and as high as 700 PSI.

We will also gladly engineer and build special traps to meet your unusual applications.



BORDER AGENTS
1711 MONTANA
(915) 544-312
El Paso, Texas



REPRESENTATIVE

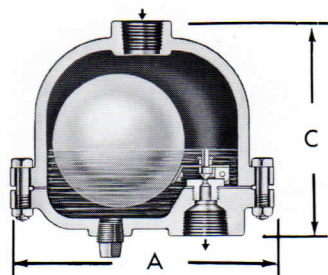
WRIGHT-AUSTIN COMPANY
DETROIT, MICHIGAN 48207



MANUFACTURERS OF
ENTRAINMENT SEPARATORS
EXHAUST HEADS
TRAPS, STRAINERS & AIR VENTS

FLOAT TYPE TRAPS

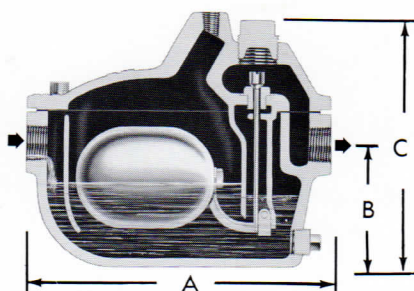
for compressed air and gas service



MODEL 90-AC (0 to 150 PSI)

Loss of air or gas is prevented by a positive water seal. Internal parts, including valve and seat are corrosion resistant, non-magnetic stainless steel. Body and cover are cast iron or bronze. All working parts are attached to the base for easy removal and inspection.

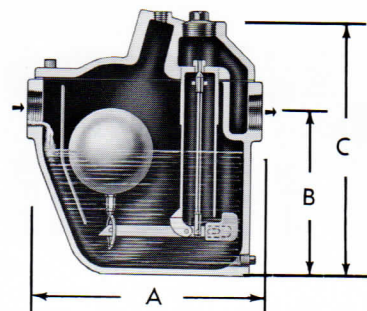
MODEL 95-AC (0 to 250 PSI) in carbon or stainless steel.



MODEL 230-AC (0 to 125 PSI)

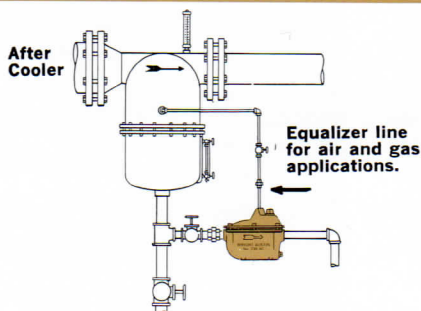
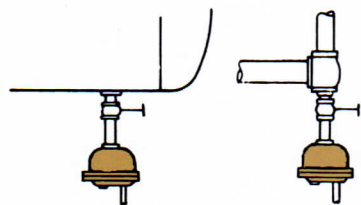
Ideal for use where gummy emulsions of cylinder lubricants make other traps inoperative. Ample float power and large outward opening discharge valve prevents loss of pressure, air or gas. Internal parts, stainless steel including non-magnetic valve and seat. Body and cover are cast iron or bronze. Working parts are attached to cover for removal without disconnecting trap from line. No priming required.

MODEL 230-ACH with thermo-static heating element available, see page 4.

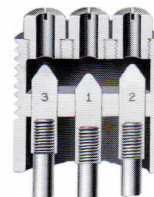


SERIES 300-AC (0 to 200 PSI)*

THREE-TRAPS-IN-ONE. The three valves open or close progressively as the amount of condensate varies. Designed for applications where there is a large variation in condensate flow or when an excessive amount of cold gummy emulsion of water and cylinder lubricant makes trap operation uncertain. Body and cover are cast iron or bronze. Valves, valve seats and float are stainless steel. Other internal parts are brass. All working parts are attached to cover for easy removal. No priming required.



* Install with equalizer line as shown at left.



All valves open extremely fast in 1-2-3 order.

CAPACITIES pounds per hour 70° F condensate

Differential Pressure (psi) Specify on Order

TRAP NO.	ORIFICE DIAMETER	Differential Pressure (psi) Specify on Order										
		5	10	25	50	75	100	125	150	175	200	250
90-AC	3/32"	190	265	400	565	680	780	870	950			
95-AC	3/32"	190	265	400	565	680	780	870	950	1015	1085	1200
230-AC	7/32"	700	940	1450	2040	2435	2840	3180				
	UNDER 100 PSI											
	OVER 100 PSI											
310-AC	(3) 1/8"	(3) 3/32"	1050	1440	2210	3075	3730	4290	2610	2850	3055	3260
320-AC	(3) 9/64"	(3) 1/8"	1350	1875	2715	3935	4725	5435	4780	5155	5510	5900
330-AC	(3) 5/32"	(3) 9/64"	1685	2325	3580	5025	6430	6935	6075	6600	6750	7500
340-AC	(3) 3/16"	(3) 5/32"	2285	3185	4875	6840	8265	9465	7780	8435	9000	9515
350-AC	(3) 1/4"	(3) 7/32"	4125	5810	8715	12275	14775	16965	14530	15750	17060	18000
370-AC	(3) 3/8"	(3) 5/16"	9000	12750	19500	27185	31875	37500	30935	33750	36375	38625

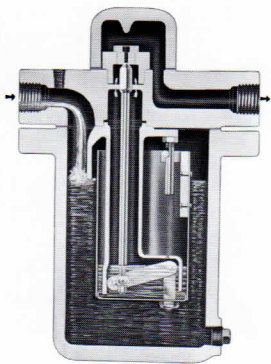
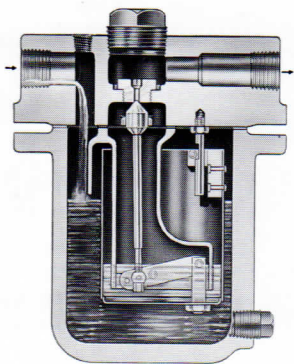
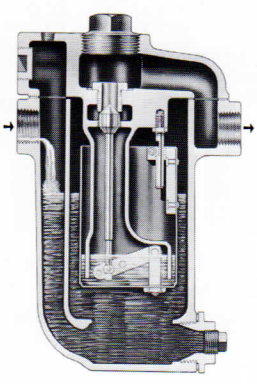
SUGGESTED SPECIFICATION: FLOAT TRAPS FOR LOW AND MEDIUM PRESSURE COMPRESSED AIR LINES AND EQUIPMENT DRAINS (0-200 PSI)

Traps shall be continuous drainer, float type with horizontal straight-through threaded connections (Nos. 90 and 95-AC are vertical installation and downflow discharge). All designs require no priming and the internal parts are attached to and removed with cover without disconnecting trap from line. Body and cover to be ASTM-A278 cast iron or bronze with corrosion-resistant stainless steel, non-magnetic hard chrome-nickel valves and seats.

TRAP NO.	PIPE CONNECTIONS (NPT)	DIMENSIONS (Inches)				WEIGHT		LBS.
		(Length) A	(Centerline to bottom) B	(Height) C	WIDTH	CAST IRON	CAST BRONZE	
90-AC	3/4"	6		4-3/4	5	8#	9#	
95-AC	3/4" or 1"	7		5-7/8	6-1/8	15	15	
230-AC	3/4" or 1"	9	3-5/8	7-1/2	5-3/4	19	28	
310-AC	3/4" or 1"	9-1/8	5-3/4	9	6-1/4	22	24	
320-AC	1" or 1-1/4"	10-1/4	6-3/8	10	6-5/8	26	29	
330-AC	1-1/4" or 1-1/2"	10-3/4	7-1/2	11-5/8	7	37	41	
340-AC	1-1/2" or 2"	11-3/8	7-5/8	11-7/8	7-7/8	44	50	
350-AC	2" or 2-1/2"	14-3/8	8-1/2	14-1/4	9-1/4	71	80	
370-AC	2-1/2"	16-3/4	10-1/8	15-3/4	11-3/4	108	120	

BUCKET TYPE TRAPS

for compressed air and gas service



MODELS 500-AC THRU 540-AC CAST IRON OR BRASS

MODELS 71-AC & 72-AC CARBON OR STAINLESS STEEL

MODELS 101-AC & 103-AC CARBON OR STAINLESS STEEL

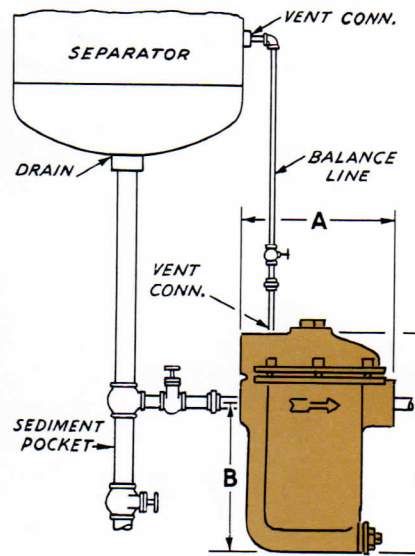
These bucket type traps provide for discharging condensate which has been separated from air and gas lines of pressures ranging up to 700 PSI.

Inlet and outlet connections are in-line for easy installation. Operating buckets are of stainless steel and have snap action to provide a secure valve seal after emptying. The main orifice through which air and condensate are discharged is accessible by removing the plug at the top. The valve seat is ground stainless steel, slotted and easily removed for replacement with a different size.

Internal mechanism, on 500 series, is attached to and removed with the cover. Thus, the body need not be removed from the line for service or inspection.

TYPICAL INSTALLATION

When installing trap, fill body with water through inlet. Provide balance line between trap and separator. Keep piping short as possible. Do not reduce separator drain size except at trap inlet. For air and gas service a sediment pocket, as shown, should be provided instead of a strainer.



Trap orifices and capacities - based on maximum continuous discharge pounds per hour 70°F condensate

Diff. Press. (PSI)	TRAP MODEL (Specify Orifice Size)																	
	500-AC		510-AC		520-AC		530-AC		540-AC		71-AC		72-AC		101-AC		103-AC	
	Orif.	Cap.	Orif.	Cap.	Orif.	Cap.	Orif.	Cap.	Orif.	Cap.	Orif.	Cap.	Orif.	Cap.	Orif.	Cap.	Orif.	Cap.
3	9/32	1375	3/8	2345	9/16	5310	9/16	5310	3/4	9375	1/2	4250	1/2	4250	5/16	1735	5/16	1735
5	7/32	1060	3/8	3000	1/2	5500	9/16	8500	7/8	16000	1/2	5500	1/2	5500	5/16	2225	5/16	2225
10	3/16	1060	5/16	3060	7/16	5875	9/16	9875	3/4	16875	1/2	7750	1/2	7750	5/16	3060	5/16	3060
20	9/64	840	1/4	2625	3/8	5875	7/16	8150	5/8	16875	3/8	5875	1/2	10715	5/16	4310	5/16	4310
50	3/32	565	5/32	1675	7/32	3185	5/16	6685	7/16	12500	7/32	3185	5/16	6685	9/32	5285	5/16	6685
70	5/64	460	1/8	1205	3/16	2685	1/4	4750	3/8	10625	3/16	2685	9/32	6185	9/32	6185	5/16	7875
100	5/64	540	3/32	780	5/32	2310	3/16	3155	9/32	7310	5/32	2310	7/32	4340	#3	4120	9/32	7310
120	1/16	390	3/32	855	9/64	1985	3/16	3435	1/4	6185	9/64	1985	3/16	3435	#14	3245	#2	4965
150	1/16	435	5/64	660	1/8	1720	5/32	2810	1/4	6810	1/8	1720	5/32	2810	#21	2870	#2	5495
200			1/16	500	3/32	1085	9/64	2500	7/32	6000	3/32	1085	9/64	2500	#28	2495	#14	4245
250			1/16	555	3/32	1200	9/64	2800	3/16	4875	3/32	1200	1/8	2185	#32	2120	#17	4370
300					3/32	1320	9/64	3000	3/16	5200	3/32	1320	1/8	2435	#38	2245	#17	4560
350											5/64	1010	1/8	2530	#38	1840	#25	3745
400											5/64	950	3/32	1915	#38	1905	#25	3930
450															#41	1495	#28	3210
500															#46	1245	#32	2620
600															#46	1310	#32	2705
700															#46	1450	#38	2350

DIMENSIONS (Inches)

TRAP NO.	500-AC	510-AC	520-AC	530-AC	540-AC	71-AC	72-AC	101-AC	103-AC
PIPE SIZE	1/2, 3/4	1/2, 3/4, 1	3/4, 1, 1-1/4	1, 1-1/4, 1-1/2	1-1/4, 1-1/2, 2	1/2, 3/4	3/4, 1	1/2, 3/4	1, 1-1/4
VENT CONN.	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
BLOW OFF	3/8	1/2	3/4	1	1	1/2	1/2	1/2	1/2
WEIGHT	7#	11#	18#	22#	38#	30#	35#	41#	71#
WIDTH	3-3/4	4-5/8	5-1/2	5-5/8	6-5/8	7	7	7	9-3/8
A	5	5-3/4	7	7-1/8	8	6-5/8	6-5/8	6-3/4	9-1/4
B	4-1/2	6	6-7/8	9-1/4	11	8	10	9-1/4	11-3/4
C	7	8-3/4	10-1/8	12-3/4	15	8-7/8	10-7/8	12-3/4	15-1/2

SUGGESTED SPECIFICATION:

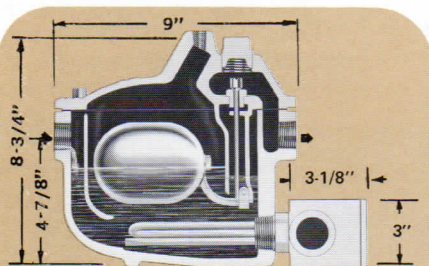
BUCKET OR OPEN FLOAT TRAPS FOR LOW, MEDIUM AND HIGH PRESSURE COMPRESSED AIR SERVICE (3-700 PSI)

Traps shall be vertical bucket type with horizontal straight-line inlet and outlet pipe connections. All working parts shall be corrosion-resistant stainless steel, including non-magnetic, hard chrome-nickel valves and seats, which are removable with cover without disturbing line connections. Valve seat is interchangeable and can be inspected or replaced without taking trap apart.

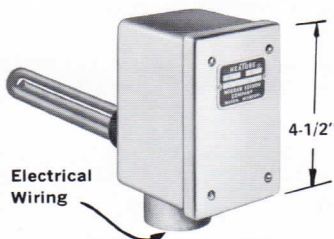


WRIGHT-AUSTIN offers a complete line of entrainment separation equipment

No. 230 ACH TRAP WITH HEATING ELEMENT



No. 230 ACH FLOAT TYPE TRAP (0-125 PSI)
with thermostatic heating element for use with compressed air or gases.



No. TPC-50 HEATING ELEMENTS

500 watts and 100 watts - 120 volts Range 50° to 250° F. Remove cover of moisture resistant box to select temperature and set thermostat dial.

This is our popular No. 230AC trap with a thermostatically controlled heating element. It is intended for use in draining liquids separated from compressed air and gases in outdoor applications where freezing is a possibility.

This heating element can also be inserted in the 340AC and 350AC models.

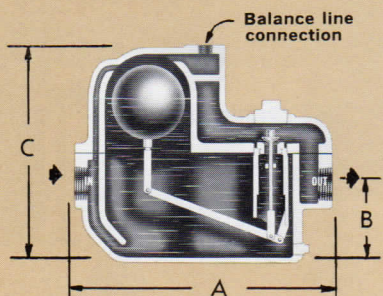
SERIES 400AC FLOAT TYPE AIR TRAPS

CAPACITY POUNDS 70° F WATER PER HOUR
DIFFERENTIAL PRESSURE (PSI)

DIMENSIONS (Inches)

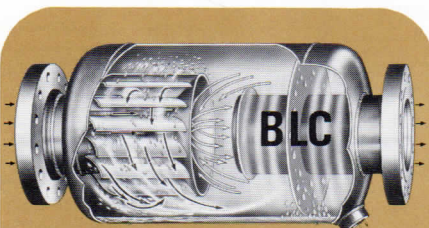
TRAP NO.	CAPACITY POUNDS 70° F WATER PER HOUR DIFFERENTIAL PRESSURE (PSI)									DIMENSIONS (Inches)					
	1	3	5	7	10	12	15	18	20	Threaded Conn's. NPT	A	B	C	Width	Wgt. Lbs.
410-AC	1125	1945	2500	2925	3540	3825	4340	4770	5015	3/4	9-5/8	4	9-5/8	6-5/8	34
420-AC	2020	3495	4500	5250	6360	6865	7795	8565	9000	1	13	4-7/8	11-7/8	7-1/2	46
430-AC	3040	5260	6770	7900	9575	10335	11735	12890	13555	1-1/4	13-3/4	5-1/4	12-7/8	8-1/2	64
440-AC	3700	6400	8250	9620	11650	12580	14280	15690	16500	1-1/2	15-1/2	5-1/2	14	9-5/8	85
450-AC	6880	11900	15340	17885	21670	23390	26555	29170	30685	2	17-7/8	5-1/2	15	10-1/8	94

The "VICTOR" Series is a heavy-duty trap especially designed for low pressure service (0-20 PSI). Has large valve orifice to handle extremely large volumes of water or oil discharge.



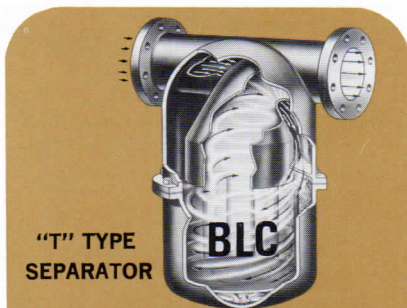
For typical installation see page 3.

ENTRAINMENT SEPARATORS - EXHAUST HEADS AIR - GAS - STEAM



30-L SERIES IN-LINE SEPARATOR (WITH BOUNDARY LAYER CONTROL SYSTEM)

Compact design requires minimum space. Centrifugal action and reverse flow assures high efficiency.
* Request Bulletin 809.



"T" TYPE SEPARATOR

Easy installation with inline connections. Centrifugal principle assures high efficiency.
* Request Bulletin 810.



TYPE 40EC EXHAUST HEAD

A ruggedly built, high efficiency unit with Boundary Layer Control.
* Request Bulletin TB 538.



WRIGHT-AUSTIN COMPANY

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