



ARMSTRONG MACHINE WORKS

851 Maple Street, Three Rivers, Mich.

Guaranteed: Satisfaction or Your Money Back

Traps Available From Local Stocks of 39 Factory Representatives and 135 Jobbers or Through the Supplier of Your Choice or Direct from the Factory—Representatives Listed in Major Industrial and Classified Phone Directories

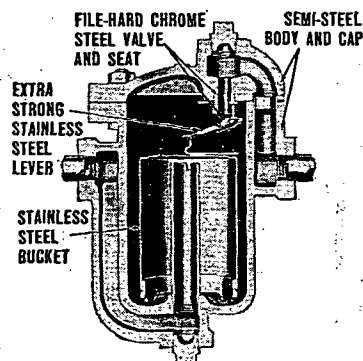
ARMSTRONG INVERTED BUCKET STEAM TRAPS

FOR LOW PRESSURE HEATING—for draining mains, risers, coils, convectors, radiators and unit heaters at pressure differentials from 1 lb up—vacuum, gravity or closed return systems. For EDR ratings and selection data, ask for Catalog J.

FOR UNIT HEATERS. Bulletin No. 2312 gives complete trap selection and installation data and lists Btu ratings for all sizes of 30 makes of heaters—free on request.

FOR STEAM HEATED EQUIPMENT—for draining all types of institutional and industrial units including hot water heaters and kitchen, hospital and laundry equipment. Ask for selection data.

FEATURES. High Quality Mechanisms in Armstrong traps for low and medium pressures are identical in design, workmanship and materials to those used in traps for 900 psig, 900F—see illustration.

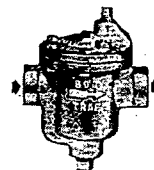


Open float (inverted bucket) cannot collapse. Nothing to stick, bind or clog. Only two moving parts, heavily reinforced for wear. Corrosion-resistant materials. Non air-binding. Quick-acting. High capacity for size. No cooling legs required.

Side Inlet Traps		No. 800	No. 811	No. 812	No. 813	No. 814	Choice of side inlet or bottom inlet body styles for lowest cost installation	
Pipe Connections		1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	3/4" or 1"	1" or 1 1/4"		
List Price (Regular)		\$10.00	\$14.00	\$23.00	\$31.00	\$46.00		
List Price (Blast Trap)		\$12.00	\$16.00	\$26.00	\$34.00	\$49.50		
Height		5 1/4"	6 1/2"	8 1/4"	11 3/4"	13 3/8"		
Diameter		5"	5"	6 1/4"	7 3/4"	9"		
Weight		5 lbs.	6 lbs.	15 lbs.	27 lbs.	45 lbs.		
Maximum Pressure, lbs.		150	250	250	250	250		
Continuous discharge capacity in lbs. of water per hour at pressure indicated. For more complete information see the Capacity Chart in Armstrong Steam Trap Book.	5	450	830	1600	2900	4800	7600	14500
	10	560	950	1900	3500	5800	9000	17300
	15	640	1060	2100	3900	6500	10000	19200
	20	690	880	1800	3500	6000	9500	18500
	30	500	1000	2050	4000	6800	9800	18000
	50	580	840	1900	4100	6300	9000	18200
	70	660	950	2200	3800	6000	9200	18300
	100	640	860	1800	3600	6200	10400	18000
	125	680	950	2000	3900	6700	10900	20000
	150	570	810	1500	3500	5700	9500	18500
Bottom Inlet Traps		No. 211	No. 212	No. 213	No. 214	No. 215	No. 216	
Pipe Connections		1/2"	1/2" or 3/4"	1/2" or 3/4"	1"	1", 1 1/4", 1 1/2"	1 1/2" or 2"	
List Price (Regular)		—	\$13.00	\$21.00	\$29.00	\$41.00	\$55.00	\$78.00
List Price (Blast Trap)		—	\$15.00	\$24.00	\$32.00	\$44.50	\$60.00	\$85.00
Height		—	6 3/4"	8"	10 3/4"	12 1/4"	14 1/4"	17"
Diameter		—	4 1/4"	5 1/4"	6 3/4"	7 1/4"	8 1/4"	10 1/4"
Weight		—	6 lbs.	12 lbs.	21 lbs.	35 lbs.	47 lbs.	78 lbs.
Maximum Pressure, lbs.		—	250	250	250	250	250	250

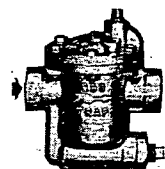
Armstrong Machine Works

Heating Systems • Specialties



No. 800-814

OPEN FLOAT AND THERMOSTATIC—for fast heat-up when steam is turned on to pipe coils, small on-and-off unit heaters. When trap is cold, large thermic vent discharges 500 to 1500 cu ft free air/hr. Thermic closes at 210 F and regular bucket vent handles normal air load. Specify "blast trap"—see table.



No. 880-883

INTEGRAL STRAINER TRAPS. No. 880, 881, 882 and 883 have strainers in trap body, otherwise identical to 800, 811, 812 and 813 listed in table. No. 880 lists at \$11.50, 881 at \$16.00, 882 at \$25.50, 883 at \$34.00. Each costs less to buy and install than standard trap plus separate strainer.



No. 801

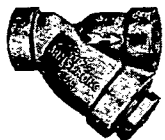
RIGHT ANGLE TRAP NO. 801. Capacity and price same as No. 800 listed in table. For replacing old radiator traps or wherever angle connections are simplest.



No. 21

BOTTOM INLET TRAPS—No. 211 through 214 have same mechanisms and capacities as No. 811 through 814 side inlet traps. No. 215 and 216 are larger. See table.

AIR RELIEF TRAPS (ball float) for venting air from high points in hot water systems and similar applications. Stainless steel mechanisms. No. 21 is 6 1/4 in. diameter, lists at \$16.00. No. 21-G fits in wall having 2 x 4 studs, lists at \$18.00. Ask for Bulletins 2062 and 450.



Y-TYPE STRAINERS—250 psig semi-steel bodies, stainless perforated or wire mesh screens. Blowout-proof stainless-clad asbestos gasket locked in place by bushing. Square bushing threads assure easy removal. List prices: 1/2 in., \$2.75; 3/4 in., \$3.25; 1 in., \$4.00; 1 1/4 in., \$5.00; 1 1/2 in., \$6.50; 2 in., \$10.00. Details in Bulletin 602.

STEAM HUMIDIFIERS for Stores, Offices, Hospitals, Factories, Churches, Laboratories, etc. Automatic, closely controlled humidification is provided by introduction of steam directly into the room. Installation is comparable to that of steam unit heaters. A room humidistat controls the solenoid steam admission valve and fan. The smallest unit, for up to 40,000 cu ft, lists at \$170.00. Large models available for installation in central air ducts. Air-operated models available for explosive atmospheres. Capacities range from 31 to 630 lbs/hr steam. Bulletin No. 500 gives complete information.