

International Heating & Air-Conditioning Exposition

Permanent Address—480 Lexington Ave., New York 17, N. Y.

EXPOSITIONS HELD

Philadelphia, 1955; Chicago, 1953; Philadelphia, 1951; Chicago, 1949; New York, 1948; Cleveland, 1947-1940; New York, 1938; Chicago, 1936; New York, 1934; Cleveland, 1932; Philadelphia, 1930.

FUTURE SCHEDULE

No exposition scheduled for 1956. In 1957, the Exposition will return to Chicago at International Amphitheatre, February 25 to March 1.

UNDER AUSPICES OF A.S.H.A.E.

These Expositions have been and will be held co-incident with the annual meetings of American Society of Heating and Air-Conditioning Engineers, Inc., and under their auspices. Management is by International Exposition Company with permanent headquarters at 480 Lexington Ave., New York 17, N. Y.

EXHIBITORS

Comprise leading firms in each phase of the industry; number has varied from 150 to more than 400 exhibitors.

EXHIBITS

These range from and comprise all the types of articles discussed or advertised in this copy of THE ASHAE GUIDE.

1. **The COMBUSTION Group:** Furnaces, burners (coal, oil and gas), grates, stokers, boilers, radiators (various types), refractories and auxiliaries.

2. **The OIL BURNER Group:**

3. **The HYDRAULIC Group:** Water feeders, water heaters, pumps, traps, valves, piping, fittings, expansion joints, pipe hangers, etc.

4. **The STEAM HEATING Group:** Vapor heating, steam specialties.

5. **The HOT WATER HEATING Group:**

6. **The AIR Group:** Warm Air furnaces and stoves, registers and grilles, cooling towers, air filters, motors, fans, blowers, conditioning equipment, ventilators (room and industrial types), unit heaters, etc.

7. **The AIR CONDITIONING Group:** Equipment which circulates and filters the air, in summer dehumidifies and cools; in winter heats and humidifies, and does all these in proper season for complete, all year-round air conditioning.

8. The CONTROL Group:

Instruments of precision for indicating, controlling or recording temperature, pressure, volume, time, flow, draft or any other function to be measured.

9. The REFRIGERATING Group:

Compressors, condensers, cooling apparatus, contingent apparatus and refrigerants.

10. The CENTRAL HEATING Group:

Apparatus and materials especially designed or adapted to the uses of central heating and central heating station supplies.

11. The INSULATING Group:

Structural insulators (refractory and cellulose materials), asbestos, magnesia clays and combinations thereof, pipe and conduit covering, etc., weather-strip-ping, etc.

12. The MISCELLANEOUS Group:

Electric Heaters, boiler and pipe repair alloys, liquids and compounds, tools of all kinds, and equipment not specifically included in the above groups, but related thereto.

13. The MACHINERY AND GENERAL EQUIPMENT Group.

14. BOOKS AND PUBLICATIONS.

VISITOR ATTENDANCE

Attendance is by invitation and registration only, thereby presenting a selected audience. Included are contractors, dealers, jobbers, supply houses, home owners, industrial users, professional and service organizations, public utilities, real estate management concerns, etc. A detailed analysis of registered attendance is available on request.

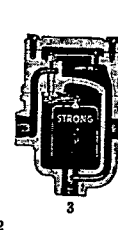
Industrial Expositions in America lead the expositions of the world in style, business effectiveness, industrial influence and educational value. This Exposition stands among the leaders in Industrial Expositions in America. It is an educational institution which brings together the research developments and improvements in equipment and materials for use in heating, ventilating and air conditioning all types of buildings.



Strong, Carlisle & Hammond Company

1392 West 3rd St., Cleveland 13, Ohio

"STRONG" The Complete Steam Specialties Line



1. **Standard In-Line Traps (Semi-Steel).** Inverted bucket type. Hi-Cap design. Parts on cover for easy removal without breaking pipe connections. All stainless parts.

Trap No.	Pipe Size (inches)	Continuous Capacity at psi	Weight lbs	List Price
070	1/4, 3/4	125	490	3 3/4 \$7.00
170	1/4, 3/4	125	955	7 9.00
271	3/4, 1	125	1230	7 1/2 13.50

2. **"Y" Type Strainers (Semi-Steel).** Features perforated Monel screen and new V-shaped gripping lugs. 250 psi 450 deg steam. 400 psi cold, non-shock.

Pipe Size (inches)	Weight lbs	List Price
1/4, 3/4	1	\$1.90
1/2	2 1/4	2.25
3/4	3 3/4	2.70
1	5 1/4	3.25
1 1/4	8 1/4	4.10
1 1/2	11 1/2	5.25
2	17	7.75
2 1/2	22	18.00
3	32	21.00

3. **In-Line Blast Traps (Semi-Steel).** Inverted bucket (open-float) and thermostatic type. Hi-Cap design. Integral bi-metal thermal operated vent. For rapid heating on unit heaters, cookers, etc. Anum-Metl seat, stainless bucket and working parts.

Trap No.	Pipe Size (inches)	Continuous Capacity at psi	Weight lbs	List Price
070-T	1/4, 3/4	30	660	3 3/4 \$8.50
170-T	1/4, 3/4	30	1290	8 12.00
271-T	3/4, 1	30	1760	9 17.50

4. **Bottom Inlet Traps (Semi-Steel).** Rugged, heavy duty inverted bucket type. "Lever-lift" action and dual fulcrum give high discharge capacity, dependable operation on light loads. All stainless working parts. Anum-Metl valve and seat. Lowest maintenance.

Trap No.	Pipe Size (inches)	Continuous Capacity at 125 psi-lbs/hr	Weight lbs	List Price
43	1/4	3,700	1334	\$22.00
44	3/4	7,180	26	31.00
45	1 1/4	15,000	45	48.00
46	1 1/2	35,280	84	80.00

5. **F & T Traps (Gray Iron).** For rapid air and condensate removal in low pressure steam systems. Ball-float mechanism controls condensate flow; expanding thermal element controls removal of air. Stainless steel valve and seat, copped hided float. For pressures to 15 psi.

Trap No.	Pipe Size (inches)	Continuous Capacity at psi	Weight lbs	List Price
11-T	3/4	15	230	7 \$17.45
12-T	1	15	575	7 21.40
13-T	1 1/4	15	1,380	12 28.80
14-T	1 1/2	15	2,760	19 55.55
15-T	2	15	5,750	33 80.65

6. **Type O & K Pressure Regulators (Semi-Steel).** For steam, air and gas. Direct operated. Rugged construction. Fitted with special laminated, phosphor-bronze diaphragms and stainless valve and seat.

No.	Pipe Size (inches)	Weight lbs	List Price
Type O	3/4, 1, Initial pressure to 225 psi, 400 F, reduced ranges 0-200.	8	\$15.00
Type K (illustrated)	1/4, Initial pressure to 225 psi, 400 F, reduced ranges from 0 to 85 psi.	15	19.00
1	3/4, Type K has an integral strainer.	15	20.00
1 1/4		18	27.00
1 1/2		40	38.00
2		40	42.00

7. **Type C Pressure Regulators (Semi-Steel).** For installations requiring accurate and dependable regulation. Stainless trim, single-seated, piston-operated, pilot controlled spring-loaded.

No.	Pipe Size (inches)	Weight lbs	List Price
Type C	1/4, From initial pressure to 2:0 psi, 450 F. For reduced pressure from 0 to 200 psi	17	\$36.00
1		17	39.00
1 1/4		17	43.00
1 1/2		40	46.00
2	Available in cast steel series, 30, 40 or 60 flanges; pressure 600 psi; temperature 750 deg	48	48.50
2 1/2		48	60.00
3		74	79.00
4		98	95.00
		150	160.00

Complete Catalog Available on Request.