Jas. P. Marsh & Company

FOUNDED IN 1865

2073 Southport Avenue

CHICAGO, ILL.

WASHINGTON OFFICE
Bond Building

LOS ANGELES OFFICE
1220 Maple Avenue

NEW YORK OFFICE
551 Fifth Avenue

Branch Offices and Stocks in Principal Cities

MARSH PRODUCTS

Consists of a complete line of Specialties for heating and industrial purposes which have been accepted as a standard for the past sixty years, gaining its merit through long satisfactory service and sound engineering practice.

Marsh Reflux Traps and Marsh Influx Radiator Valves for vapor or vacuum systems, Heavy Duty Traps, Hvyflo Float Traps, Marsh Boiler Return Traps, Marsh Thermodisk Air Valves, Vents and Air Line Traps for one pipe steam systems, Boiler and Industrial Gauges for all purposes, Thermometers, etc., represents a partial list of the products pioneered by Jas. P. Marsh & Company.

MARSH SERVICE

Marsh Service is at the disposal of Architects, Engineers and Contractors through representatives in over forty cities throughout the United States and Canada.

MARSH VACUUM SYSTEM

Especially suited for large buildings where efficient and economical operation is essential. System comprises of a source of steam supply, steam and return mains, and a mechanical means of maintaining a constant vacuum within the return line system.

Steam is admitted to the radiators through Marsh Influx Radiator Valves and the air and condensation is passed on into the return system through a Marsh Reflux Radiator Trap. The Marsh Hvyflo Float Trap is employed for dripping ends of mains, main risers, etc., and the Marsh Combination Float and Thermostatic Heavy Duty Trap is used on vento and hot water heaters.

MARSH VAPOR SYSTEM

A system designed to meet the requirements of heating apartment buildings, public buildings and residences where the amount of radiation required is not large and it is desired to eliminate the vacuum pump. Piping is simple in design, enabling the system to operate noiselessly and efficiently on pressures as low as eight ounces.

System consists of Marsh Influx Radiator Valves, Marsh Reflux Radiator Traps, Marsh Boiler Return Trap as the means of returning water of condensation back to boiler and the Marsh Air Trap on the return system and Marsh No. 5 Rapid Vent on the supply system as the air expelling mediums.

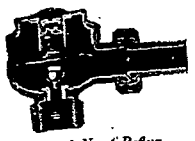
MARSH HI-LO VACUUM SYSTEM

A system designed to operate on pressures at or below atmosphere, having flexible qualities so that the system can be manually or automatically adjusted to correspond to outside temperatures, reducing waste of fuel by overheating. In mild weather an increased vacuum is maintained throughout the system, thereby delivering steam to the radiators at a low temperature, and by means of the Marsh Hi-Lo Traps, the amount of steam in each unit is reduced. In cold weather the vacuum is decreased and temperature of the steam increased, at the same time increasing the amount of steam in each unit to correspond to the amount of heat necessary to maintain a comfortable temperature within the room or space to be heated.

Piping arrangement and pipe sizes are practically identical to that of a standard vacuum system, the only additional features being the Marsh Hi-Lo Governors which maintain a constant differential between supply and return mains under all conditions.

On several prominent installations of this type, one of them the largest co-operative apartment building in the mid-west, a saving of one-third of the total fuel consumption for the heating season was recorded in spite of the fact that this period experienced the severest weather recorded by the U. S. Weather Bureau in that locality for the past forty years. This system is recommended where fuel economy over a long period of years and ease of operation are of great importance. Upon request, complete details and data will be furnished.

Marsh No. 1 Reflux Radiator Trap

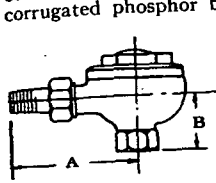


Marsh No. 1 Reflux Radiator Trap

Applicable to radiators, coils or other heating units where a free discharge of air and condensation is desired without passage of steam into the return system. Can also be used as an air line trap on vento or other apparatus where a large volume of air is to be handled.

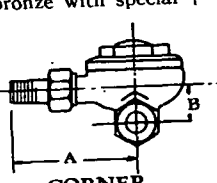
Sturdy in body design as well as interior construction. Diaphragm is of handspun corrugated phosphor bronze with special double seal locking device and a reinforcing ring which will prevent rupture of the diaphragm. Actuated by means of a sensitive combination of volatile fluids. Adjusted and tested at factory. For pressures not to exceed fifteen pounds, but when so specified, can be made for pressures up to and including 100 lb.

Size	Capacity Sq. Ft.	Lbs. Water Per Hour
½"	150	40
¾"	300	75
1"	600	150



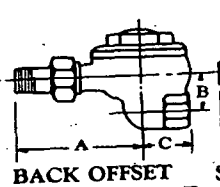
ANGLE

Dimensions		
Size	A	B
½"	3¼"	1½"
¾"	3¼"	1 11/16"
1"	3½"	1⅞"



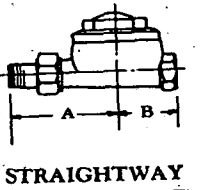
CORNER

Dimensions		
Size	A	B
½"	3¼"	1¼"
¾"	3¼"	1⅝"
1"	3½"	1¾"



BACK OFFSET

Dimensions			
Size	A	B	C
½"	3¼"	1¼"	1⅛"
¾"	3¼"	1 5/16"	1 7/16"
1"	3½"	1¾"	1⅝"

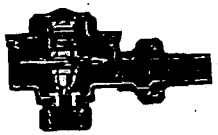


STRAIGHTWAY

Dimensions		
Size	A	B
½"	3¼"	1¾"
¾"		
1"		

Marsh No. 2 Reflux Radiator Trap

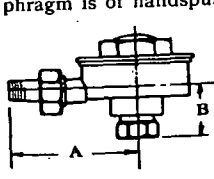
A thermostatic trap capable of handling large volumes of air and condensation. Particularly suited for large radiators, direct-indirect heaters and for dripping downfeed risers and small sub-mains.



Marsh No. 2 Reflux Radiator Trap

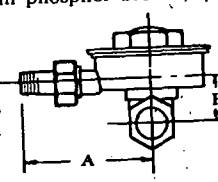
Body is of cast steam brass with heavy nickel plated tailpiece and nut. Diaphragm is of handspun phosphor bronze, having the same internal construction and reinforcement features as the No. 1 Reflux Radiator Trap. Adjusted and tested at factory. For pressures not to exceed fifteen pounds, but when so specified, can be made for pressures up to and including 100 lb.

Size	Capacity Sq. Ft.	Lbs. Water Per Hour
½"	200	50
¾"	500	125
1"	1000	250



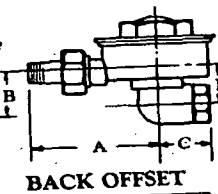
ANGLE

Dimensions		
Size	A	B
½"	3½"	1 1/16"
¾"	3 11/16"	2"
1"	4 3/8"	2 1/16"



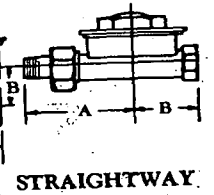
CORNER

Dimensions		
Size	A	B
½"	3¾"	1¼"
¾"	3 11/16"	1⅝"
1"	4 5/16"	1⅞"



BACK OFFSET

Dimensions			
Size	A	B	C
½"	3⅞"	1¼"	1⅜"
¾"	3 11/16"	1⅝"	1 5/16"
1"	4 5/16"	1⅞"	1⅝"



STRAIGHTWAY

Dimensions		
Size	A	B
½"	3¾"	2"
¾"		
1"		