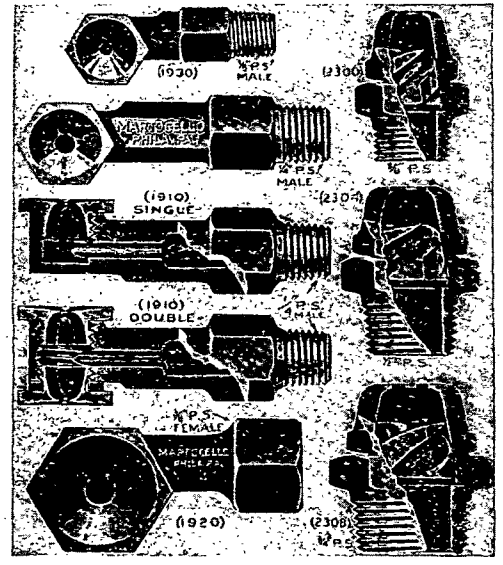
Jos. A. Martocello & Company

229-31 North 13th Street, **Philadelphia, Pa.**

ATOMIZING SPRAY NOZZLES

Martocello Atomizing Spray Nozzles contribute greatly to the general efficiency of air washing and air conditioning installations, and permit the complete apparatus to function at its maximum rated capacity.



Types of Martocello Spray Nozzles

Successful—efficient operation of air washing and air conditioning equipment depends largely upon having the proper design of spray nozzles.

Martocello Atomizing Spray Nozzles are used exclusively by many manufacturers because they give a uniformly fine, wide spray having a spread of 95 to 115 deg.

For obtaining maximum efficiency from our Standard Spray Nozzles, we recommend with orifices as indicated in the table below. Any reasonable range of capacities at various pressures can be obtained from the sizes shown.

We appreciate all difficult Air Conditioning problems being submitted to us for proper recommendations and results.

Sizes and Capacities

Pipe Size Inches	Part No.	Diam. Orifice Inches	Capacity, Gallons per Minute							
			5 lb	10 lb	15 lb	20 lb	25 lb	30 lb	35 lb	40 lb
1/8	1930	7/64	.22	.29	.34	.39	.44	.49	.54	.59
1/4	1910	13/64	.54	.77	.96	1.13	1.29	1.44	1.58	1.71
1/4	1910 Double	5/32	.86	1.18	1.48	1.76	2.02	2.24	2.44	2.63
3/8	1920	17/64	1.48	1.96	2.38	2.75	3.08	3.36	3.60	3.82
3/8	2300	7/32	1.98	2.63	3.15	3.62	4.05	4.44	4.80	5.13
1/2	2304	5/16	2.66	3.77	4.71	5.52	6.24	6.87	7.47	8.04
3/4	2308	11/32	3.59	4.87	5.92	6.83	7.62	8.33	8.98	9.60

Brass Forged Nozzles illustrated and also Cast Red Brass Nozzles in 1 in. to 2 in. Pipe Size carried in stock for prompt shipment.

Satisfaction Guaranteed

Merchant & Evans Company

Est. 1866

Works
Lancaster, Pa.

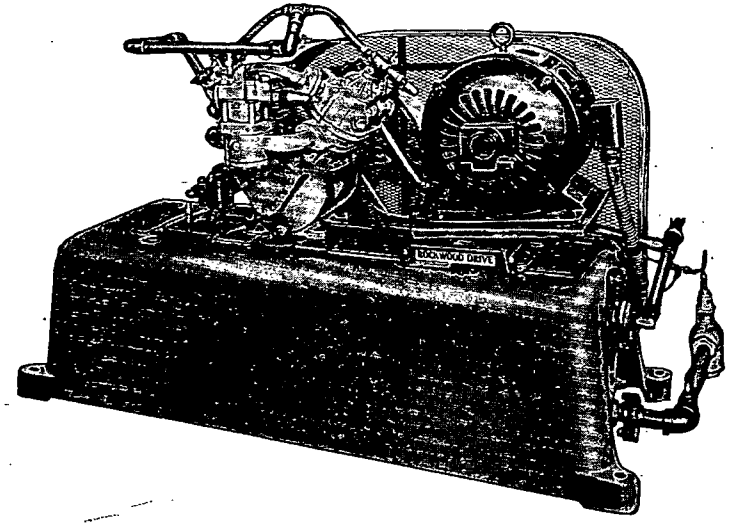
2035 Washington Ave.

Philadelphia, Pa., U. S. A.

Manufacturers of

Condensing Units for Refrigeration and Air Conditioning

Cable Address
Merventry
Philadelphia



A complete line of M & E compressors and condensing units for commercial and air conditioning service are available in capacities from ¼ to 25 hp. Compressors are made either air cooled or water cooled for use with either Methyl Chloride or Freon as refrigerant.

Water-Cooled Models, are provided with high and low pressurestat, across-the-line starter, overload protection and water valve, as standard equipment. Water coil in receiver—continuous flow type—up to and including 15 hp; shell and tube type in 20 and 25 hp models.

Air cooled condensers are of large size and made of seamless tubing with continuous fin condenser tubes of ample capacities.

Pulleys and Belts suitable for the large variety of speeds necessary for various temperature work such as ice-cream production, milk cooling and air conditioning are carried in M & E stock. On models 5 to 25 hp a special automatic belt tightener is supplied to ease motor starting loads, save power and minimize wear on belts.

All models of M & E compressors and condensing units are approved by the Underwriters' Laboratories.

Catalogs and data sheets giving complete information about M & E equipment may be had upon request.

M & E ratings are certified to the Refrigeration Division — *National Electrical Manufacturers Association* in accordance with standard methods sponsored by the *American Society of Refrigerating Engineers.*