

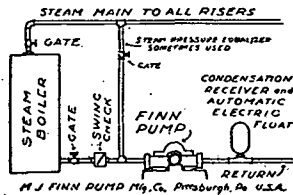
Supply Houses in New York, Chicago, Minneapolis and San Francisco
Copyright 1925 by M. J. Finn Pump Mfg. Co.

Finn Patented Condensation Pump and Receiver.
Finn Drinking Water Circulating and Booster Pumps.
Also manufacturers of Refrigeration, Brine and Booster Pumps.
Finn Patented No Tank Water Supply Systems.



Returns condensation from radiators and return lines below the water line of boilers in all kinds of buildings, drying kilns, greenhouses, etc., also forces circulation in hot water heating systems.

Finn fuel saving condensation pump and receiver can be located on a level with or below the boiler. By means of automatic electric control (furnished with the pump), it will return condensation from and eliminate sluggishness in all radiators, coils and return lines that are on a level with or below the boiler, permitting them to be filled with live steam instead of cold condensation.



In returning the condensation to the boiler intermittently, the Finn pump creates a vacuum in the system, permitting the water in the boiler to boil at a lower temperature and, consequently, reduces the fuel consumption. In addition to the fuel saving feature, a better circulation is produced in all return lines, consequently these lines become very hot and serve as additional radiation.

The pump is the same as that used in the Finn water supply system described on the following page. It consists of only a few parts, is made of high grade materials, and, because of its simplicity, is not expensive. Impeller touches water only. No metal rub; no wear. The cost of the electricity required is insignificant.

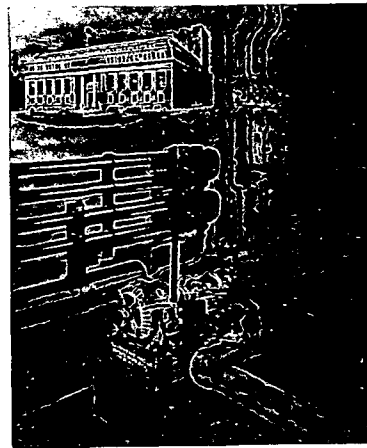
Capacities—No. 1 pump, 4000 sq. ft. of direct radiation; No. 2 pump, 7000 sq. ft. direct radiation.

For larger operations, two or more pumps can be connected effecting great saving in electricity and fuel.

Specifications—The contractor shall furnish and install one No. Finn Automatic Electric Condensation Pump and Receiver, with horizontal split case, all-bronze pump with automatic control and hp., volt direct [alternating] manufactured by M. J. FINN PUMP Co., Erie, Pa.

Used for circulating drinking water in all classes of buildings: hospitals, schools, institutions, hotels, restaurants, factories, and office buildings. These pumps are the same as those used in the Finn water supply system described in opposite column.

Entirely Closed Method—A sanitary and economical method by which drinking water is cooled in the pipe main which is coiled at any desirable location, the coil being contained in a wood

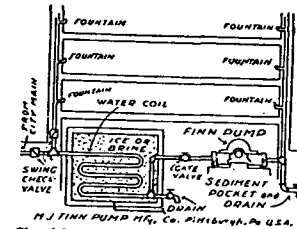


To choose wisely is to avoid trouble and worry FINN Simplicity—Real Quality—Supremacy

United States National Museum
Smithsonian Institution
Washington, D. C.
Hippodrome Theatre
Boro of Manhattan
New York City

**St. Rita's Home for Infants
U. S. Steel Corp.
Mellon National Bank
Pittsburgh, Penna.
Sheridan Square Theatre**

**Syria Mosque, A.A.O.N.M.S.
Pittsburgh, Pa.
Stoneboro Wesleyan Methodist
Camp Meeting Association
Pennsylvania, R. R.**



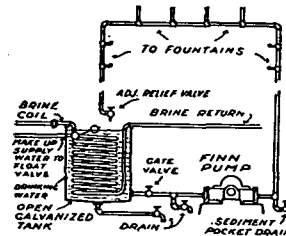
or steel box usually insulated with cork lining (standard size of cork slabs on the market is 12 in. wide, 36 in. long, and 3 in. thick). Box can be placed either below, above or level with basement or any floor regardless of location of pump, and the box should have a drain as shown in the sketch.

Ice can be packed around the coil in the box, or if a refrigerating machine is used, the brine pipe of the latter can be run to and coiled inside the box, there being room for both the brine coil and the coil containing the drinking water. Check valves shown in sketch keep the cold water from backing up into the street or building main and also send make-up water direct to the coils and pump.

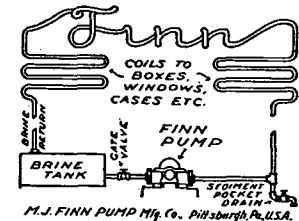
The closed method, using either a No. 1 or No. 2 Finn Pump, will provide abundant circulation and take care of maximum demands during rush periods in the largest buildings.

Specifications for Closed Method—The contractor shall furnish and install one No. 1 Finn Noiseless pure drinking water bronze and Monel metal pump with $\frac{1}{4}$ hp., cycle, phase; volt, direct [alternating] current motor and two brass swing check valves manufactured by M. J. FINN PUMP MFG. Co., Pittsburgh, Pa., or.

The contractor shall furnish and install one No. 2 Finn Noiseless Pure Drinking Water bronze and Monel metal pump with $\frac{3}{4}$ hp., cycle, phase, volt, direct [alternating] current motor and two brass swing check valves manufactured by M. J. FINN PUMP MFG. CO., Pittsburgh, Pa.



Open Method—By this method, drinking water contained in an open galvanized tank is cooled by brine coils submerged in the water. The Finn pump should be located in the drinking water main on the



house side of the cooling tank. A wheel handle relief valve can be easily set by the user to suit any kind or size of building. The relief valve partly closes when faucets or fountains are open; when the latter are closed, the relief valve opens a little more permitting water to return to the tank, thereby maintaining constant circulation.

The open system requires one No. 2 Finn pump, or for large operations; two No. 2 pumps to take care of great demands in rush periods.

Specifications for Open Methods—The contractor shall furnish and install one No. 2 Finn Noiseless Pure Drinking Water bronze and Monel metal pump with $\frac{1}{2}$ hp., cycle, phase, volt, direct [alternating] motor manufactured by M. I. FINN PUMP MFG. CO. of Pittsburgh, Pa.

Brine Circulation Pump—The contractor shall furnish and install one No. 2 Finn Calcium or Sodium Brine Pump with $\frac{1}{2}$ hp., cycle, phase, volt direct [alternating] current motor manufactured by M. J. FINN PUMP MFG. CO., Pittsburgh, Pa.

The Finn patented centrifugal pump or water system requires no tank and delivers large quantities of water, under high pressure, direct from its source to the faucets in a steady, even flow (without pulsation). It has few parts and runs smoothly and quietly.

The Finn pump does away with gears, pulleys, buckets, belts, pump valves, wire springs and rusty water tanks.

Dimensions—Floor space: No. 1 pump, 16 x 26 in.; No. 2 pump, 16 x 30 in. Approximate weight, 195 lb. Either opening serves as inlet or outlet. Tappings suitable for all buildings. Can be connected into any service line regardless of size.

Specifications—One No. 1 Finn Patented Pure Water (No Tank) System with $\frac{1}{4}$ hp., cycle, phase, volt, direct [alternating] current motor manufactured by M. J. FINN PUMP MFG. Co., Pittsburgh, Pa.

We maintain a large and complete stock of all pumping units described herein in all principal cities so that prompt deliveries can be made. Plumbers, steamfitters, sprinkler men and others understand our products and can install them without any special directions. The installation, being very simple, requires only ordinary care.

**Homeopathic Hospital
Presbyterian Hospital
Gilmore Drug Bldg.
Pittsburgh Box Factories
Dr. Zimmerman Dairy
Youngstown, Ohio**

**Mercy Hospital
St. Johns Hospital
Smith Greenhouses
Greenburg, Pa.
Saunders Estate
West Palm Beach, Florida**

Lutz & Schramm Plant
Home Dairy Bldgs.
Pontiac, Mich.
Seibold Estate
Bobcaygeon, Canada

Hotels, Restaurants, Factories, Schools, Farms and Residences too Numerous to Mention.