

C. H. Wheeler Manufacturing Co.

Economy Pumps Division

—19th & Lehigh, Philadelphia 32, Pa.

For name of nearest distributor, check your phone directory or write to factory in Philadelphia

WHEELER-ECONOMY HOT WATER CIRCULATING PUMPS

Type SCV—Vertical direct connected centrifugal. 1 in. to 3 in. Up to 500 gpm. 1150 to 3450 rpm. Heads to 225 ft.

Type SCC—Close coupled vertical or horizontal mounted. 1½ in. and 2 in. Up to 100 gpm. 3450 rpm. Heads to 120 ft.

WHEELER-ECONOMY VACUUM PUMPS

Type VV—Vertical. For operating between 3 and 12 inches vacuum. Discharge pressures to 150 lb sq in. EDR 2500 to 15,000 sq ft. Single and duplex units. Also available in Special Capacities.

Type SVA—Horizontal. For operating between 3 and 12 inches vacuum. Discharge pressures to 150 lb sq in. EDR 20,000 to 100,000 sq ft. Single and duplex units. Also available in Special Capacities.

WHEELER-ECONOMY RETURN CONDENSATION PUMPS

Type E—1750 rpm. (1450 rpm at 50 cycle current). Quiet operation. Single and duplex units. Direct C.I. radiation or equivalent: 1000 to 65,000 sq ft.

Type MR—Lightweight Pump for low pressure steam heating systems. Capacities to 65,000 sq ft. EDR. Single and Duplex Units.

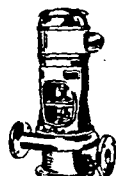
Type EC—For same or higher pressure than Type E. 3450 rpm. (2880 rpm for 50 cycle current). Direct C.I. radiation or equivalent 1000 to 65,000 sq ft. Single and duplex units.

Type B—Horizontal Return Condensation Pump—multi-stage type for pressures to 150 lbs. 1750 rpm. Quiet operation. Direct C.I. radiation or equivalent, 6000 to 65,000 sq ft.

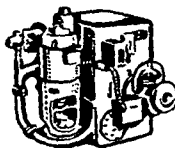
Type U—Vertical Underground. For returns below floor level, etc. No pit required for pump. Low and medium pressure units equipped with single stage pumps of vertical design. For higher pressure units a multi-stage pump of special design is used. Direct C.I. radiation or equivalent 2000 to 50,000 sq ft. Single and duplex units.

Type C multi-stage for pressures to 175 lbs 3600 rpm 60 cycle. Identical to Type B except for higher speed operation.

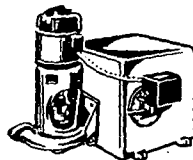
Type G—Horizontal Return Condensation Pump—Single suction, single stage for medium and high pressures. 1800 to 3450 rpm.



Type SCV



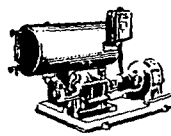
Type VV



Types E & EC



Type U



Types B & C

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Barnes & Jones

New York Office: 101 Park Avenue

128 Brookside Avenue

Boston 30, Mass.

Barnes & Jones Vapor and Vacuum Systems of Steam Heating; Modulation Valves; Adjustable-Orifice Radiator Valves; Packless Quick-Opening Radiator Valves; Thermostatic Radiator Traps; Thermostatic Trap Replacement Units; Condensators (Boiler Return Traps); Float and Thermostatic Traps; Strainers; Gages; Systems of Zone Control for Steam Heating. Complete Catalog on Request



Vapor and Vacuum

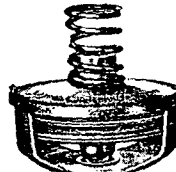
Series K—The Series K Valve is of the modulating type equipped with dial and pointer to indicate whether the valve is open or shut or in an intermediate position. Lever or wheel handle.



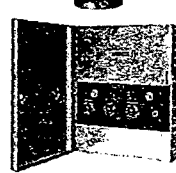
Series F—The Series F Valve has no dial or pointer and is therefore furnished only with wheel handle or lock shield. Of same quality as Series K, but lower priced. Both Series K and Series F Valves are quick opening, have non-rising stems, renewable disc seats, of packless design. Made angle pattern in ½, ¾, 1, and 1½ in. sizes; straightway (globe) pattern in ½ and 1 in. sizes. For use in vapor or vacuum systems.



Type H—The Type H Valve is of the adjustable orifice type so arranged that the dial indicates at all times the size of the radiator for which the valve is adjusted. May be adjusted with steam on the system. Noiseless in operation. Lever or wheel handle, unauthorized tampering virtually impossible. Made for pressure differentials of 1, 2, 3, 4 and 5 pounds, ½ in. valve up to 100 sq ft. 1 in. valve over 100 sq ft.



Thermostatic Radiator Traps—The B & J precision made thermostatic trap contains the unique, patented cage unit which is a complete operating unit in itself. The cage assembly contains the double thermostatic element calibrated in the factory, and locked in correct adjustment with the trap seat, which is also an integral part of the cage unit. Suitable for pressures up to 15 lb ¾ to 1 in. Medium and high pressure traps suitable for pressures between 15 lb and 100 lb can be furnished.



Float and Thermostatic Traps—Barnes & Jones F&T traps respond instantly to sudden loads and pass condensate, regard less of temperature, through water sealed float operated valve. Thermostatic element gives rapid air venting. Made in Low and Medium pressure ratings. All working parts are readily accessible. No special wrenches needed. No disconnecting of pipe lines. ¾ to 2 in.

Cage Units—Most maintenance engineers believe in a regular check-up of their heating systems. Barnes and Jones make this check-up easy by providing a means for testing all steam traps, and for replacing the actuating units of any make trap. The B & J cage unit replaces all working parts. The double diaphragm unit is correctly and permanently adjusted before leaving the factory. Made for all sizes, pressures and makes of vapor and vacuum traps up to 65 lbs. It's a complete one-piece replacement containing thermostatic element, valve piece and seat locked in unalterable adjustment. No field calibration is necessary. Ask for Bulletins C-34 and R-44.

Temperature Controls—"Proportionator" is the trade name applied to Barnes & Jones continuous flow heating systems. Continuous flow of steam proportioned to the need. Continuous economy by using only as much steam as required and reducing the flow as the weather becomes milder. Continuous comfort because the radiators at all times provide some heat so that the normal convection currents of air in a room are always active. There are no dead points. There is no "cold 70 deg" which is experienced in the ordinary "on-and-off" system. B & J controls are available for both vacuum and vapor systems. Ask for the bulletins.

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