

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; Damper Regulators; Gages; Systems of Zone Control for Steam Heating. Complete Catalog on Request

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



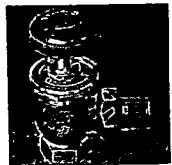
The Series F valve has no dial or pointer and is therefore furnished only with wheel handle or lock shield. Of same quality as Series K but lower priced.

Both Series K and Series F valves are quick opening, non-rising stems, renewable disc seats, of packless design. Made angle pattern in 1/2, 3/4, 1 and 1 1/4 in. sizes; straight-way (globe) pattern in 3/4 and 1 in. sizes. For use in vapor or vacuum systems.

Capacities—Sq Ft E. D. R.

Size valve.....	1/2"	3/4"	1"	1 1/4"
2 ounces pres.....	25	50	90	160
8 ounces pres.....	45	90	160	280

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, 3/4 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.



Capacities—Sq Ft of E. D. R.

Size	No.	Pres. Diff.—Lbs. per Sq In.					
		1/2	3/4	1	2	5	15
1/2	122	70	92	168	228	320	610
3/4	134	120	152	320	450	710	1260
1	147	200	300	590	760	1200	2200

Medium and High Pressure traps suitable for pressures between 15 lb and 100 lb can be furnished.

Float and Thermostatic Traps

Made in five sizes for handling large and sudden loads of condensate that are greater and more variable than can be handled efficiently by thermostatic traps. Suitable for pressures up to 15 lb.



Capacities Lbs Water per Hour

Size	No.	Pres. Diff.—Lbs. per Sq In.			
		1/2	3/4	2	5
1/2	T41	70	100	200	210
3/4	T42	175	250	500	525
1	T43	425	600	1200	1260
1 1/4	T44	850	1200	2400	2520
2	T45	1775	2500	5000	5250

Medium pressure F. & T. traps in 3/4 in. and 1 in. sizes can be furnished for pressures up to 65 lb.

Barnes & Jones, Inc., manufactures a complete line of control systems operated either manually from a central station or automatically from an outdoor thermostat.

Carty & Moore Engineering Co.

Established 1919

1150 W. Baltimore Ave.

Detroit 2, Mich.

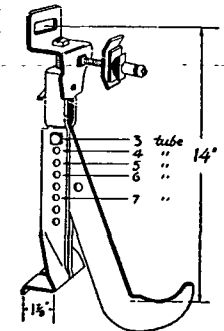
STEEL RADIATOR BRACKETS

STEEL CONCRETE INSERTS

For over a quarter of a century Carty-Moore Speed Brackets have been recognized by engineers and contractors as a superior product and there are nearly a million in use today. Specify C & M Brackets on your next job and note the substantial savings in labor due to the quick-mounting features.

MODEL NO. 22 BOTTOM HUNG SPEED RADIATOR BRACKETS

Illustrated is the No. 22 Speed Bracket for hanging all types of wall, tube or thin-tube radiation. This bracket is completely assembled when shipped and all parts are furnished, ready for quick and easy installation. A brief instruction card is enclosed with each bracket explaining the simple adjustments required to hang any particular type of radiation. Preparation of a C & M Speed Bracket for hanging a radiator consists simply of selecting the right hold-back washer (there are three furnished) and bolting the hook in the proper hole. Roughing-in specifications are shown by the drawing on the right. For specific jobs 40 brackets are packed to a burlap bag—jobbers stock them six in an attractively-labeled carton. Shipping weight approx. 3 1/2 lbs.



This bracket is also available with double hook and reinforced frame for double row wall radiation—specify No. 222.

MODEL NO. 33 TOP HUNG BRACKETS

A completely assembled top hung bracket with 1 1/2 in. outset from the wall, especially approved for government jobs. Also available with 2 1/2 in. outset for hospitals, institutions, etc. where frequent cleaning behind the radiator is required—specify No. 333. When ordering top hung brackets, specify model number and the type of radiation to be hung.

MODEL NO. 44 CONCRETE INSERTS

Carty-Moore No. 44 Concrete Inserts have long been used by leading heating contractors and are designed to meet the most exacting requirements. The C & M Insert is made of heavy gage pressed steel stampings for 1/2 in., 3/4 in., 1 in. and 1 1/2 in. nuts. A long travel slot permits ample adjustment yet the nut cannot pull out and the wide wingspread allows the insert to become deeply imbedded in the concrete so it cannot tear out under heavy strain. 50 1/2 in. or 1 in. packed in a nicely-labeled carton—25 1/2 in. or 1 in.

