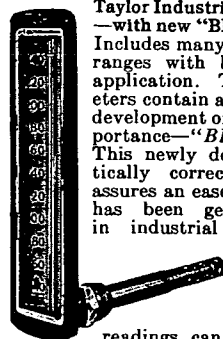


Taylor Instrument Companies

Rochester 1, N. Y., U. S. A.

IN CANADA—TAYLOR INSTRUMENT COMPANIES OF CANADA LTD., TORONTO
 NEW YORK BUFFALO CLEVELAND HOUSTON BALTIMORE
 CHICAGO LOS ANGELES ST. LOUIS CINCINNATI ATLANTA
 BOSTON PITTSBURGH SAN FRANCISCO TULSA MINNEAPOLIS
 PHILADELPHIA
*Manufacturing Subsidiary in Great Britain,
 Short & Mason, Ltd. London.*
 WILMINGTON
 SCHENECTADY

Taylor Instruments for Indicating, Recording and Controlling
 Temperature, Pressure, Humidity, Flow and Liquid Level

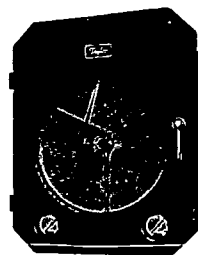


Taylor Industrial Thermometers
 —with new "BINOC" Tubing—
 Includes many styles and scale
 ranges with bulbs for every
 application. These thermom-
 eters contain a new and radical
 development of tremendous im-
 portance—"BINOC" Tubing.
 This newly designed and op-
 tically correct glass tubing
 assures an ease of reading that
 has been generally lacking
 in industrial thermometers.

BINOC Tubing
 more than doubles the an-
 gle of vision within which
 readings can be made. Be-
 cause of the patented triple-lens
 construction its broad mercury column
 can be read easily and accurately with both
 eyes. Bore reflection is absent.
**Taylor Biram's Anemom-
 eter**—For measuring air
 velocities with fan revolu-
 tions indicated on dial.
 Various models for a wide
 range of air speeds and reg-
 istration limits.

The Taylor "Fulscope" Recording Con-
 troller—An air-operated controller that
 gives practically any character of process
 control regardless of time lag in ap-
 paratus.

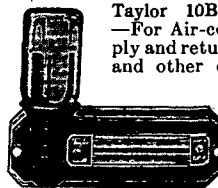
Available for controlling temperature,
 pressure, humidity, rate of flow, liquid
 level. Where extreme load changes or



Two accurate etched-stem ther-
 mometers mounted on die-cast
 frame, with the bulb of one cov-
 ered with a wick to be mois-
 tened. Whirling bulbs subject
 this hygrometer to complete air
 contact to produce extreme ac-
 curacy of temperature and hu-
 midity measurement.

**Taylor Record-
 ing Hygrometer**
 —Records both
 wet- and dry-
 bulb tempera-
 tures on the
 same chart in
 different col-
 ored inks, mak-
 ing comparison
 very easy.

Type shown
 has motor-
 driven fan for
 conditioned
 rooms or passages where circulation is
 poor. Furnished without fan for instal-
 lations where circulation across bulb is
 good.

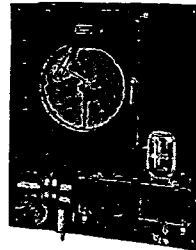


Taylor 10BG Hygrometers
 —For Air-conditioning sup-
 ply and return ducts, dryers,
 and other closed compart-
 ments where
 temperature
 and humid-
 ity readings
 are desired.

Combines
 the accuracy
 of an etched-stem thermometer and
 ruggedness of an industrial thermometer.
 Easily installed. Available with bottle
 or constant automatic water supply.

Taylor Sling Psychrometer—
 Two accurate etched-stem ther-
 mometers mounted on die-cast
 frame, with the bulb of one cov-
 ered with a wick to be mois-
 tened. Whirling bulbs subject
 this hygrometer to complete air
 contact to produce extreme ac-
 curacy of temperature and hu-
 midity measurement.

Taylor also offers a complete line of the
 famous Taylor Recording and Dial Ther-
 mometers; Ratio, Pneumatic Set, Self-
 Acting and Type "P" Controllers;
 Indicating Hygrometers and many types
 of Humidiguides.



Aldrich Company

121 E. Williams St., Wyoming, Illinois

Boiler-Burner Units, Domestic and Commercial Oil Burners

Aldrich Boiler-Burner Units—available in a range of 7 sizes for Hot Water Heating, Steam Heating, and Hot Water Supply—are designed for home, apartment, garage, club, restaurant, hotel, and factory installations. Gages, covers, and trim are furnished to suit model and type of unit ordered. Heavy-duty, double-spiral hot water coils are factory-installed and tested in SC and WC models. Matched Aldrich Oil Burner furnished with each unit. Standard equipment includes full set of basic automatic controls. Series BG Boilers are gas-fired with AGA-approved burners for first five sizes and have ratings identical to corresponding oil-fired boilers.

BOILER-BURNER UNITS

Sizes—Specifications—Dimensions

Size of Boiler	Bantam	118	160	225	315	514	808
Rating Sq. Ft. Hot Water	660	750	1000	1500	2100	3300	5000
Rating Sq. Ft. Hot Water Standing Radiation	440	500	650	1000	1400	2200	3333
Rating Sq. Ft. Steam EDR	425	500	630	935	1275	2025	3000
Rating Sq. Ft. Steam Stand- ing Radiation	285	333	420	620	850	1350	2000
Rating BTU Per Hr. (Max.)	100,000	118,000	160,000	225,000	315,000	514,000	808,000
Water Heater Delivery GPH @ 100° Rise	93	125	190	280	450	610	850
Storage Capacity Gallons	20	28	38.5	72	99	120	170
Firing Rate—GPH Maximum	1.00	1.25	1.65	2.75	3.65	5.7	9.00
Firing Rate—GPH Minimum	.65	.75	1.25	1.75	2.4	3.7	6.00
Firing Rate—GPH Best	.75	1.00	1.35	2.00	2.5	4.5	7.5
Model Burner Furnished	CX1	SAX1	SAX2	SAX3	SAX3	BX	BX
Sq. Ft. of Heating Surface	17	21	24	44	67	93	136
Height of Main Shell	16 1/4"	18"	21"	24 1/2"	28"	32"	38"
Height of Fire Box	12"	14 1/4"	16"	19"	22 1/4"	27"	32 1/2"
Height of Main Shell	21"	24"	24"	26"	26"	26"	26"
Number of Tubes	16	16	20	30	42	60	94
Length of Tubes	15 1/4"	19 1/4"	23 1/4"	30 3/4"	39 3/4"	29 3/4"	31 1/4"
Output Hot Water	3	3	3	3	3	3	3
Coil @ 100° Rise	3	3	3	3	3	3	3
Shipping Weight Lbs.—Boiler Only	475	775	940	1330	1720	1975	2350
Shipping Weight Lbs.—Burner Only	75	85	85	85	85	140	140
Shipping Weight Lbs.—Total	550	860	1025	1415	1805	2115	2490

MODEL DESIGNATIONS

	Steam Heating	Hot Water Heating	Hot Water Supply
Without Coil	S	W	HSG*
With Coil	SC	WC	—

* Galvanized, with dress jacket.

ALDRICH OIL BURNERS

Capacities from 0.75 gph to 19 gph
 Models SAX-BX-JU-CX

Aldrich Oil Burners are made in 6 sizes and 4 models for domestic and commercial warm air, steam, or hot water systems, and are UL-ap-
 proved. All-steel model SAX (illustrated) has interchangeable draft tube components to permit 3 firing ranges—0.75 to 1.35 gph, 1.35 to 2 gph, and 2 to 4.5 gph. Model CX is rated 0.75 to 2 gph. Model BX is rated from 4 to 8.5 gph. Capacity of Model JU is 7 to 19 gph.

