

Taylor Instrument Companies

ESTABLISHED 1851

Executive Offices and Factory, ROCHESTER, N. Y.
Canadian Plant, Tycoos Building, Toronto, Canada

SALES OFFICES

NEW YORK PITTSBURGH SAN FRANCISCO TULSA CHICAGO CLEVELAND MILWAUKEE DETROIT
BOSTON LOS ANGELES ST. LOUIS ATLANTA PHILADELPHIA INDIANAPOLIS CINCINNATI MINNEAPOLIS

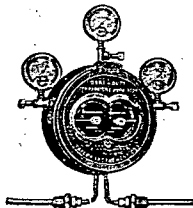
Taylor Products Include

Indicating, Recording and Controlling Instruments in over 8000 types and styles.
For Steam, Power, Refrigerating and Cold Storage Plants.
Air Duct, Oven, Kiln and other Industrial and Manufacturing Applications.

Among the instruments of particular interest to Heating and Ventilating Engineers are:
Thermometers.
Pyrometers.
Electrical Contact Temperature Controls.

"Single-Duty" and "Double-Duty" Temperature Regulators.
"Thermo-Tyme" Regulators.
Self-Acting Temperature Regulators.
Pressure Regulators.
Draft and Vacuum Gages.

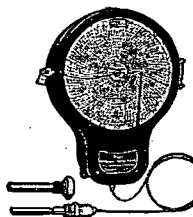
Tycoos temperature and pressure regulators for use on air ducts, feed water heaters, hot water storage tanks, etc., are air operated and made in three styles, Single-Duty, Type P and Double-Duty. There are a great variety of applications for these units and there is a Tycoos Regulator for every service.



Tycoos Temperature Regulator

For very close control of temperature in dry kilns, bake or enameling ovens, etc., for instance, the electric-contact control is recommended as it will automatically regulate the temperature of any apparatus heated by gas, steam or electricity.

Recording Thermometers automatically furnish a complete record in ink on a paper chart of the exact temperature maintained for every minute of operation. Ruggedness of construction, accuracy and reliability are outstanding features of Tycoos recording and indicating thermometers. Vapor tension, mercury and gas actuated types are made for temperature units respectively of 30 to 550 deg. Fahr. and -40 deg. to +1000 deg. Fahr. and furnished with suitable tubing and bulbs.



Tycoos Recording Instrument

An accurate record of humidity conditions can be obtained with Tycoos wet and dry bulb recording thermometers.

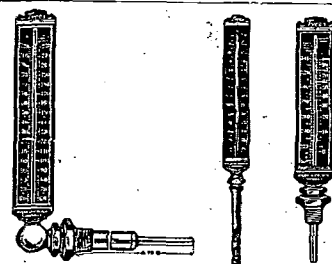
In the Tycoos line of thermometers are the industrial types for indicating, feed water, condenser, economizer, super-heated steam and flue gas temperatures.

Tycoos Thermo-Steam Gages are made for high and low pressure and are graduated for both temperature and pressure. Thermo-Vacuum Gages are especially useful in steam turbine operation and Air Duct Thermometers are extremely sensitive and are favored by heating and ventilating engineers.

Catalogs of Tycoos Instruments

In addition to the items listed in this catalog we make a full line of instruments for indicating, recording and controlling.

General Catalog of Tin-Case, Copper-Case, and Cabinet (wood back) Thermometers: Hydrometers, etc.
General Catalog of Short & Mason Meteorological Instruments, such as Barometers, Pocket and Surveying Compasses, Rain Gages, Wind Gages, etc.



Tycoos Thermometers

trolling temperature and pressure, aggregating some 8000 types and styles. They are covered by the following catalogs, any of which will be sent on request.

- Part 1.—Instruments for Steam-Power Plants.
- Part 200.—Instruments for Sugar-Manufacturing Plants.
- Part 300.—Instruments for Refrigerating and Cold-Storage Plants.
- Part 500.—Instruments for the Food-Preserving Industry.
- Part 500A.—Instruments for the Milk and Ice-Cream Industry.
- Part 600B.—Instruments for Condensed, Evaporated and Powdered Milk Processes.
- Part 600.—Instruments for Gas Plants.
- Part 700.—Instruments for Varnish Making, Oil Boiling, Asphalt Melting, etc.
- Part 700A.—Instruments for Oil Tempering, Metal Baths, Tempering Ovens, etc.
- Part 800.—Instruments for Enclosed-Space Applications, Air Ducts, Ovens, Kilns, etc.
- Part 900.—Instruments for Bakers, Confectioners, Syrup Makers, etc.
- Part 1400.—Engraved Thermometers.
- Part 1500.—Hydrometers.
- Part 1700.—Instruments for the Oil Industry.
- Part 4000.—Radiation, Thermoelectric and Optical Pyrometers.
- Part 8000.—Recording and Index Thermometers.
- Part 11889.—Electric-Contact-Type Temperature Controls.
- Part 15000.—Single-Duty Temperature Regulators.
- Part 16150.—Double-Duty Temperature Regulators.
- Part 16300.—Thermo-Tyme Regulators.
- Part 16700.—Self-Acting Temperature Regulators.
- Part 16100.—Pressure Regulators.
- Part 17000.—Type-P (Rigid Stem) Temperature Regulators.
- Part 18000.—Accessories for Temperature and Pressure Regulators.

Johns-Manville Inc.

292 Madison Avenue, at 41st Street, N. Y. City
Branches in 62 Large Cities

JOHNS-MANVILLE ASBESTO-SPONGE FELTED

Sectional Pipe, Sheet and Block Insulation

An efficient and durable insulation for insulating saturated and superheated steam pipes and surfaces at temperatures up to 750 deg. Fahr.

It is made of layers of thin felt, composed of asbestos fibre and particles of finely ground spongy material forming an extremely cellular felt, built up in laminated form, thus confining a large volume of minute dead air cells in the felt and between the layers, because of its construction, and unlike insulations of the moulded type, Johns-Manville Asbesto-Sponge Felted is tough, flexible and practically indestructible in service. Vibration and the general wear and tear to which insulation is subjected will not pulverize Asbesto-Sponge Felted or cause it to break away from the pipe.

Asbesto-Sponge Felted is furnished in thicknesses from 1/2 to 3 in., in three foot sections with canvas jacket and brass-lacquered bands, to fit standard pipe sizes. It is also furnished in sheets and blocks for boilers, flues and other large regular surfaces. Sheets 24 x 36 in. and blocks 6 by 36 in. in thicknesses from 1/2 to 4 in.

JOHNS-MANVILLE IMPROVED ASBESTOCEL

Sectional Pipe, Sheet and Block Insulation

For insulating pipes conveying steam at medium or low pressures, hot water or hot air pipes and surfaces.

Improved Asbestocel is made up of a multitude of small air cells closed upon themselves by corrugations in both directions, thus retarding the free circulation of air along the pipe. These cross corrugations add strength to Improved Asbestocel and enable it to give long and efficient service without deterioration.

Improved Asbestocel is furnished in 2, 3, 4, 5 and 6-ply thicknesses, each ply approximately 1/4 in. thick. It is made in three foot sections with canvas jacket and brass-lacquered bands, to fit standard sizes of pipe. Also furnished in sheet and block form for boilers, flues and other large regular surfaces. Sheets 36 x 36 in. and blocks 6 x 36 in. 4 x 18 in. and 3 x 18 in. or special sizes, in thicknesses from 1/2 to 4 in.

JOHNS-MANVILLE 85% MAGNESIA

Sectional Pipe and Block Insulation

A light-weight efficient insulation of the moulded type made of 85% carbonate of magnesia and 15% asbestos fibre, for insulating steam pipes and hot surfaces.

Our manufacturing process produces an 85% Magnesia with the maximum number of voids or minute dead-air cells which increase its natural resistance to heat transmission and reduce its weight. In addition, this process provides maximum mechanical strength consistent with high efficiency.

85% Magnesia is made in various thicknesses, from standard (appr. 1 in. thick) to 3 in. thick, in 3 ft. sections with canvas jacket and brass-lacquered bands, to fit pipe sizes up to and including 12 in. in diameter. Also furnished in blocks for boilers, flues and other large regular and irregular surfaces. Blocks are made 3 x 18 in. or 6 x 36 in. in thicknesses from 1/2 to 4 in.

JOHNS-MANVILLE UNDERGROUND SYSTEM OF INSULATION

For Steam Lines

A complete underground insulation which saves at least 90% of the heat that would be wasted from bare pipes. Consists of a vitrified container, Asbesto-Sponge filling as an insulator, rolls and supports, pits and underdrain. Each system designed and installed by Johns-Manville Inc.

JOHNS-MANVILLE STEAM TRAPS

In the Johns-Manville Steam Trap there is little to wear and nothing to adjust. The only moving part is a hollow, seamless ball. The operation of this trap is noiseless. Its size is small in comparison with its capacity. The cast iron models are made in capacities ranging from 700 to 6000 lb. condensate per hour and are suitable for all steam pressures.

Junior Traps (for steam pressures up to 100 lb.) are made of bronze with 1/2 in. inlet and outlet pipe connections.

Radiator Traps operate at any pressure up to 10 lb. and are equally effective whether used on vacuum or atmospheric return line systems. To be used on cast iron radiators only, unless specially ordered for special cases.