

Taylor Instrument Companies

ESTABLISHED 1851

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

SALES OFFICES

NEW YORK PITTSBURGH SAN FRANCISCO TULSA CHICAGO CLEVELAND DENVER DETROIT
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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.

Tyco Industrial Thermometers

Designed for Air Ducts are extremely sensitive and are used extensively by heating and ventilating engineers.

Tyco Recording Thermometers

Used to record air duct temperatures. The self-contained type (not illustrated) is used to record room temperatures—Clock furnished with 7 day charts.

Tyco Wet and Dry Bulb Recorders

A convenient method of obtaining relative humidity records. Equipped with blowers to keep air moving over bulbs at uniform velocities.

Tyco Temperature Regulators

Type P is supplied with flange connections for air ducts, air washers, and room conditioners, etc.

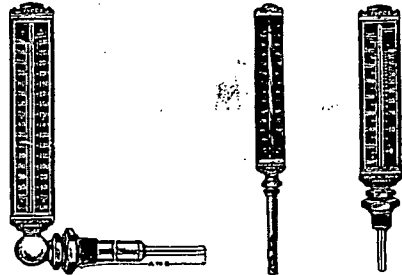
Double duty Regulators are used with wet bulb attachment for humidity control.

Tyco Anemometer

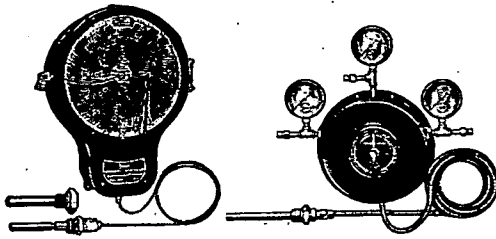
For registering velocity of air currents.

Tyco Sling Psychrometer

A portable and accurate means of determining humidity—Pocket types available.

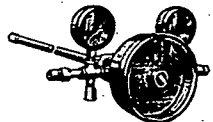


Tyco Thermometers

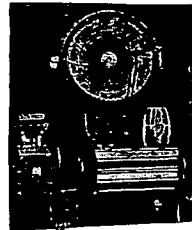


Tyco Recording Instrument

Tyco Temperature Regulator



Tyco Type P Temperature Regulator



Tyco Wet and Dry Bulb Recorder



Tyco Anemometer

Write for Catalog

Telephone
Main 4995

The Ric-wiL Company

UNDERGROUND CONDUIT SYSTEMS FOR HEATING PIPES

Union Trust Building

CLEVELAND, OHIO

AGENTS IN PRINCIPAL CITIES—REFER TO LOCAL TELEPHONE DIRECTORY

Established 1910

Products—Ric-wiL Interlocking Conduit, Interlocking Base Drain, Pipe Supports and Ric-wiL Underground Pipe Covering used in the "Ric-wiL Method" of Insulating Underground Steam, Hot Water and Fuel Oil Pipes.

Ric-wiL Interlocking Conduit—Ric-wiL Conduit is first quality, standard weight, vitrified salt glazed tile of the bell and spigot type. It is shipped on the job in full round sections and split into top and bottom halves as used. When installed bell and special Loc-liP side joints are sealed with Portland cement. Loc-liP joint (see illustration below) is shaped so that cement locks top and bottom halves permanently together in all directions, giving conduit extraordinary rigidity and strength. Leakage is practically impossible. Top and bottom halves are interchangeable (foolproof) and numbered in pairs so that companion pieces may be kept together.

Sections all in 2-ft. lengths, sizes from 4 to 24 in. inside diameter. Every sixth section of conduit has an opening in the bottom half through which a pipe support of the roller type projects to carry the steam, hot water or oil pipes thus making the pipe supports independent of the conduit itself, a desirable feature for this class of work.

Ric-wiL Interlocking Base Drain—Ric-wiL Base Drain is first quality vitrified salt glazed tile of such design that it is both a base for supporting and lining up the conduit, and drain for carrying away any water which might otherwise accumulate around the conduit. The base drain also provides two points of support for conduit, adding 35 per cent to the ground load which the conduit will carry safely as compared to the same conduit placed on flat ground or broken stone. The top of the base drain has a slot in it into which the bell of conduit fits making sections of conduit and base drain stagger with each other so that a strong interlocking construction results. No concrete foundation is necessary in solid ground. Free drainage area of the base drain is large and ample for every practical condition. Three sizes are made: No. 1 for 4 and 6 in. conduits, No. 2 for 8 to 15 in. conduit, inclusive, and No. 3 for larger sizes. We will furnish ordinary drain tile instead of base drain if desired but the base drain will save more than its extra cost in labor and makes a far better job.

Ric-wiL Pipe Supports—The pipe supports are

planned to carry from one to five or more pipes and are ordinarily spaced 12 ft. apart. They are strong, made of cast iron, rust proofed, and interlocked with the base drain, imposing no load on the conduit itself. Once in place, no movement of the pipes can disturb them.

Ric-wiL Conduit Systems for All Uses—Ric-wiL Conduit for underground pipe is of four types to meet varying service requirements.

Type SPC System for steam heating and power pipes and for superheated steam. The tile itself is not lined with insulation as in types DA and DF but the insulation is applied to pipes direct and consists of any standard make of sectional pipe covering, the kind and thickness depending upon the service to be rendered. Double drainage is provided in this type.

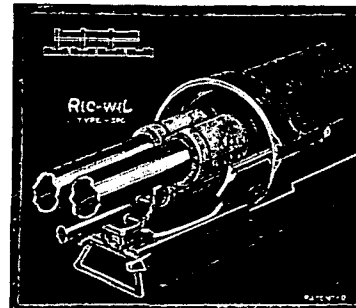
Type F System for steam heating and power pipes. A lower priced type than the others, consisting of unlined Ric-wiL Conduit with filler packed around the pipes. Filler is the same as described in Type DF System.

Type DA System for hot water, fuel oil, and condensation returns. Tile and insulation in one, the latter moulded inside the tile and keyed in. Consists of a diatomaceous earth (Sil-O-Cel) mixture, light in weight and of high insulating quality; will not deteriorate. This type insulates the pipes from surrounding ground but not from each other, making it specially adapted to house oil and steam pipes together for fuel oil transmission. Exceptionally easy to install.

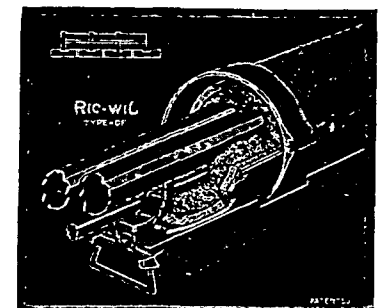
Type DF System for steam heating and power pipes. This is type DA with the addition of Ric-wiL Conduit Filler to be packed around the pipes at a density specified by the manufacturer. The filler is a good non-conductor which will not corrode the pipes nor shrink.

Cast Iron Ric-wiL Conduit—For extra heavy duty under railroads or other places where conduit is subject to very heavy load, Ric-wiL is made of cast iron similar in design to regular tile Ric-wiL. It has the Loc-liP Joint and the "interlox" with regular conduit. Special reinforced base drain is furnished.

Engineering Service—Maintained for the convenience of customers. Inquiries answered promptly. Catalogs and special information furnished on request.



Ric-wiL Type F is an unlined conduit like this SPC, insulation being a loose filler packed around the pipes.



Ric-wiL Type DA is like this DF with insulation moulded to tile but without loose filler.