

Telephone
Main 9200

The Ric-wil Company

Established 1910

UNDERGROUND CONDUIT SYSTEMS FOR HEATING PIPES
Union Trust Building, CLEVELAND, OHIO

NEW YORK BALTIMORE ATLANTA CHICAGO
AGENTS IN PRINCIPAL CITIES—REFER TO LOCAL TELEPHONE DIRECTORY

Products—Ric-wil Conduit, which includes Base Drain, Pipe Supports, Insulation and other accessories, for underground steam, hot water and fuel oil pipes. Cast Iron Conduit for extra heavy duty.

Ric-wil Conduit—Vitrified tile, bell and spigot type, which splits on the job for easy installing. Special Loc-lip Side Joints seal top and bottom halves together again after pipes and insulation are installed. A strong, watertight joint. Sections 2 ft. long. Sizes 1. D. 4 to 24 in.

Ric-wil Base Drain—Vitrified tile. Designed to be a base drain foundation for supporting and lining up conduit and drain for carrying away moisture. Slotted sections interlock with conduit bells to form a strong construction.

Ric-wil Pipe Supports—Planned to carry one to five or more pipes and ordinarily spaced 12 ft. apart. Made of rust-proof cast iron. Interlocked with base drain, imposing no load on conduit itself.

Ric-wil Conduit Systems for All Uses—Type F System for steam heating and power plants. Unlined Ric-wil Conduit with filler packed around pipes. Dry-paC Waterproof Filler if desired.

Type SPc system for steam heating and power pipes and super-heated steam. Insulation standard pipe covering.

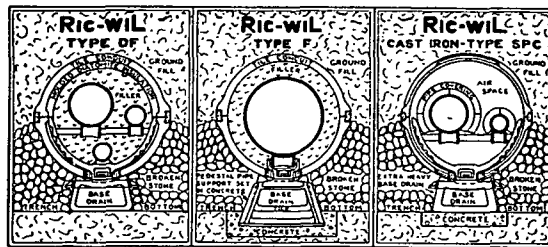
Type DA system for hot water, fuel oil, and condensation returns. Sil-O-Cel Insulation moulded to inside of tile and keyed in. Pipes insulated from outside earth but not from each other.

Type DF system for steam heating and power pipes. Type DA with addition of Ric-wil Conduit Filler packed around pipes. Dry-paC Waterproof Filler if desired.

Cast Iron Ric-wil Conduit—For extra heavy duty under railroads or other places where conduit is subject to abnormal strain. Similar in design to tile Ric-wil. Heavy duty base drain.

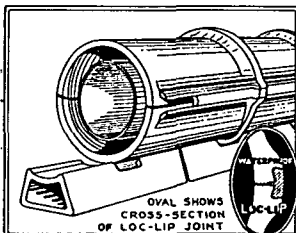
Dry-paC Waterproof Filler—Permanently impervious to water, repels moisture. Unusually high efficiency and great natural strength. Will not slump down away from pipes. Is non-corrosive.

Engineering Service—Help in planning and supervision. Catalogs and special information on request.

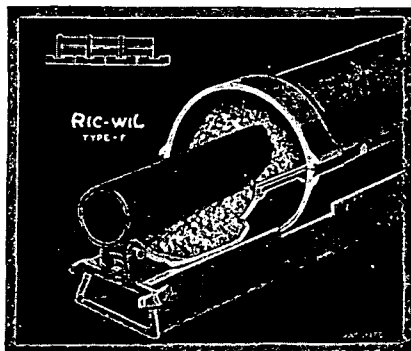


ADVANTAGES OF THE RIC-WIL SYSTEM

MECHANICAL
WATER-TIGHT JOINTS COMPLETELY SEALED AND CEMENT LOCKED IN. STRENGTH AMPLIFIED FOR USUAL CONDITIONS, NOT STRONGER THAN ANY OTHER TILE SYSTEM. INTERLOCKING CONSTRUCTION CONDUIT AND BASE DRAIN STAGES JOINTS. PIPE SUPPORTS LOCKED IN PLACE, TOP AND BOTTOM OF CONDUIT LOCKED TOGETHER AND CEMENT LOCKED IN. POOL PROOF, TOP AND BOTTOM OF CONDUIT ALIKE. CAN NOT INSTALL UP SIDE DOWNS. BASE DRAIN FOUNDATION AND CRADLE FOR CONDUIT TO REST ON. PERMANENTLY IMPROVED ALL OF PERMANENT CHARACTER.



PRACTICAL
SPEED OF INSTALLATION: IMPORTANT FOR STREET WORK. COMPLETE SYSTEM: RIC-WIL SYSTEMS ARE FURNISHED COMPLETE IN ALL DETAILS. MINIMUM PUBLIC LIABILITY: LESS CONSTRUCTION IN STREETS. TRENCH METHOD: RIC-WIL REQUIRES LEAST TRENCH WIDTH SAVES ON PAVING COST. CEMENTING JOINTS: EXTRA EASY, CEMENT A WHOLE RUN AT ONE TIME. INSPECTION: LOC-LIP JOINT VISIBLE FROM TOP OF TRENCH. DRY INSULATION DESIGN: KEEPS INSULATION DRY AT ALL TIMES—EFFICIENCY. COST: LABOR COST OF INSTALLATION IS LOW, AND TOTAL COST IN LINE.



Ric-wil Type F with Dry-paC Waterproof Insulation packed around pipes. Fully closed construction

Builders Iron Foundry

9 Coddling Street

Providence, R. I.

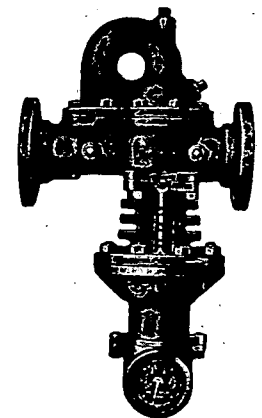
Branch Offices and Representatives

NEW YORK, N. Y. 25 Church Street
PHILADELPHIA, PA. 617 Harrison Building
SAN FRANCISCO, CALIF. Percy Keatinge, c/o Pacific Mfg. Co., 530 West 6th Street
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VANCOUVER, B. C., CAN. Major Geo. C. Robertson, 760 Avenida de Mayo
BUENOS AIRES, ARGENTINA, S. A.

Builders of the Venturi Meter, Diaphragm Meter, Shunt Steam Meter, Etc.

SHUNT STEAM METER

The Shunt Steam Meter fills the need for a low priced, practical steam meter which is easily installed and accurate over a wide range. It is used to advantage in measuring steam sold or in checking the distribution of steam (also air or gas) to various buildings, departments, machines or processes. Illustration shows the complete Meter. An orifice in the main line of flow deflects a portion of the steam through nozzles and against the turbine located in the shunt circuit out of the main line of flow. The turbine shaft extends through a housing into a condensation chamber below the main line. A damping fan attached to this shaft operates under water, keeping the speed low and eliminating bearing trouble. Magnetic drive between this chamber and the counter mechanism protects the latter from moisture. The meter is installed as a unit in 2, 3 and 4-in. lines. For larger size mains a small meter is installed in a by-pass line around an orifice in the main line.



Shunt Steam Meter, Type KS.

	Steam Pressure Lbs. per Sq. In. Gauge	Approximate Measuring Range	Rated Capacity of Saturated Steam Lbs. per Hour		
			2" Meter	3" Meter	4" Meter
Low Pressure Meters	0	10-1	610	1410	2530
	5	10-1	810	1880	3350
	10	10-1	1000	2340	4170
	15	10-1	1200	2750	4750
	20	10-1	1380	2950	5150
	30	11-1	1650	3400	5850
	40	12-1	1800	3750	6450
Standard Meters	50	13-1	2000	4050	7000
	50	10-1	2650	6000	10600
	75	10-1	3650	8250	14600
	100	11-1	4150	9500	16600
	125	12-1	4600	10500	18300
	150	13-1	5000	11400	20000
	175	14-1	5350	12300	21400
Extra Heavy Meters	200	15-1	5700	13000	22700
	225	15-1	6000	13700	24000
	250	15-1	6300	14400	25200
	275	15-1	6600	15200	26500
	300	15-1	6900	15700	27500

Table shows rated capacities only. Minimum Capacities equal one-tenth tabulated quantities. Where Approximate Measuring Range exceeds 10-1 the Meter has that overload capacity. Bulletin 234 gives complete information.