

# Thermal Appliance Company

342 Madison Avenue, NEW YORK

SALES OFFICES: 332 S. MICHIGAN AVE., CHICAGO 7 EAST 42nd ST., NEW YORK

## TACO WATER HEATER

For heating domestic water with the same fire that heats the home or building. There is a TACO for any steam, vapor, vacuum, hot water or hot air heating plant. Types for each heating system are classified below.

### DOMESTIC TACO

Domestic TACOS and Apartment TACOS are connected below the water-line of steam, vapor or vacuum heating boilers, capacity 30 to 960 gal.

Receive the heat from the boiler at night as well as during the day and in mild weather, as no steam pressure is required. No benefit is derived from the coal used to bank the fire over night unless a TACO is used.

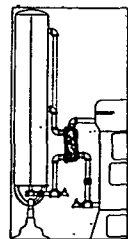
Also recommended for heating hot-water radiators in connection with steam-heating boilers for bath rooms, garages, etc.

Domestic TACO—Capacity 30 to 160 gals.

Coil on cover—1200 tested connection.

Apartment TACO—Capacity 320 to 960 gals.

Copper U tubes expanded into Bronze tube plate. Easily removable for cleaning.



Domestic Taco

| No. | Capacity | List Price |
|-----|----------|------------|
| 30  | 30       | \$15.00    |
| 1   | 40       | 20.00      |
| 2   | 80       | 30.00      |
| 3   | 160      | 50.00      |

Patents Pending.

\*Amount of hot water used in an apartment house varies. Capacity as stated is an average for a 4 or 5 room apartment having one bath and kitchen with usual fixtures, occupied by one family. For intermediate or larger capacities, any number of TACOS may be installed in a battery.



### Apartment Taco

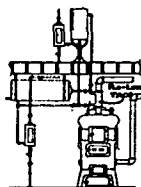
| No. | *No. of families | Tank Size | Boiler and Water Connections |
|-----|------------------|-----------|------------------------------|
| 4   | 12               | 320       | 2"                           |
| 5   | 25               | 640       | 2 1/2"                       |
| 6   | 40               | 960       | 3"                           |

### FLO-LINE TACO

Flo-Line TACO Heaters are for connection in the main outlet of steam or vapor heating boilers.

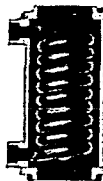
The steam, circulating about the coil which is connected directly with the range boiler or tank, thus heats the domestic water and maintains a full tank of hot water at a uniform temperature. Body of heater is sufficiently large so the pipe area is not restricted.

Water will be successfully heated at night or in mild weather from vapor from boiler when no steam is being generated in boiler.



| No. | Capacity | List Price |
|-----|----------|------------|
| 01  | 60       | \$25.00    |
| 02  | 120      | 35.00      |
| 03  | 240      | 55.00      |

Tank must be connected above Flo-Line heater.



### UNIVERSAL TACO

Recommended for use in the fire-pot of hot-water heating boilers for attachment to thirty and sixty-gallon range boilers. The No. 9-30 and 9-60 are furnished with studs for round boilers having coil openings 9" c. to c.; 6-9-30, 6-9-60 without studs for round boilers having (coil openings) 6, 9 or more inches c. to c. The No. 3-30 and 3-60 for use with square boilers of any type. All types and sizes are malleable iron; 6-9-30 and 6-9-60 in Brass also.

|                    |         |
|--------------------|---------|
| 9-30; 6-9-30; 3-30 | 30 gal. |
| 9-60; 6-9-60; 3-60 | 60 gal. |



### TACO TOOL

For use when tapping Boiler. Comes in three sizes: 1", 1 1/4" and 1 1/2".



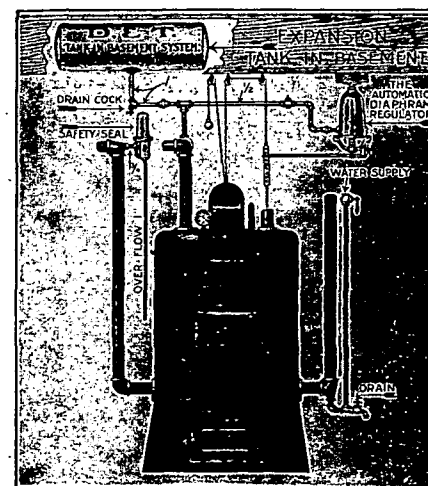
Where stocks are carried: TACO is carried in stock by all leading boiler and radiator manufacturers at their branch showrooms; and by leading jobbing supply houses.

# D. & T. Manufacturing Company

3001 La Salle Street

St. Louis, Mo.

## ORIGINAL TANK IN BASEMENT SYSTEM



Placing the expansion tank in the basement on hot water installations is destined to become the one general method. WHY NOT GET INTO THE GAME?

Eleven years' experience and upwards of 80,000 D. & T. Tank-in-the-Basement Systems in successful operation throughout the United States and Canada, should be sufficient proof of the success of this system to the most skeptical heating engineer or contractor.

The D. & T. System is efficient, simple and foolproof.

Send for booklet entitled, "Progress in Hot Water Heating."

The Superior Air Sealed Pressure Controller is absolutely dependable, opening freely after long periods of inactivity. There is no danger of the controller failing to relieve.

This Air Sealed Pressure Controller is different from all other relief devices. As you will note, by reference to the sectional view, the opening of the valve is effected by the pressure on the diaphragm.

This diaphragm being the well-known flexible type, has sufficient flexibility to allow the disc to raise up off the seat a full inch. This insures positive relief when the predetermined point is reached.

This disc is made of a composition which will stand a temperature of 300 deg. Fahr. The seat is made of the well-known non-corrosion Monel metal, which is self-cleaning and assures proper action at all times. The disc is 1 in. in diameter and the bellows which lifts the disc from the seat is 2 1/2 in. in diameter, thereby giving a lifting power 6 1/4 times greater than the area of the disc.

