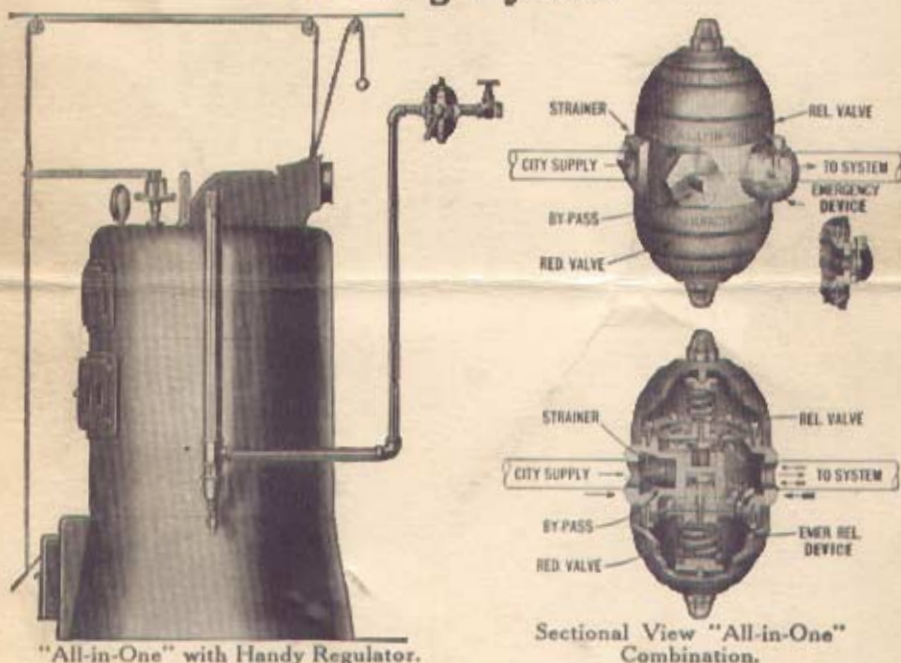


HANG THIS CARD UP NEAR BOILER

## Installation and Operation of D. & T. "All-in-One" Water Heating System



"All-in-One" with Handy Regulator.

Sectional View "All-in-One"  
Combination.

### EMERGENCY RELIEF DEVICE.

The Emergency Relief Device will fracture to relieve the system of dangerous pressure should the Relief Valve fail

IF the Emergency Relief Device fractures, call in your heating man to inspect the Relief Valve.

Temporary repair can be made with the use of a gasket and a tin flange until a new fracturing element can be secured from the nearest Jobber or direct from D. & T. Manufacturing Co., 3001 LaSalle St., St. Louis, Mo.

### INSTALLATION.

#### DO NOT OVERLOOK THESE INSTRUCTIONS

It is very important that the city supply pipe be flushed out clean before connecting to the All-in-One for the proper working of the appliance.

#### IMPORTANT

CONNECT "ALL - IN - ONE" COMBINATION AS SHOWN IN CUT ABOVE. IT SHOULD BE CONNECTED WITH THE RELIEF VALVE CAP ON TOP, WITH THE READING RIGHT SIDE UP.

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## Filling the System

Open the city supply valve; then open the by-pass. The by-pass is an ordinary valve opening to the left. Add enough water to fill the system—approximately 10 pounds for one or two-story building, 13 pounds for three-story building. When altitude gauge is used: 23 feet for one or two-story building and 30 feet for three-story building. When the system is filled, close off the by-pass valve, **LEAVE THE CITY SUPPLY VALVE OPEN**, and the combination works automatically.

## OPERATION

### D. & T. "All-in-One" Water Heating System.

The "All-in-One" Specialty is a Strainer, Reducing Valve, By-Pass Valve and Emergency Relief Device, all combined in one housing, and self-draining.

The Reducing Pressure Valve is set to maintain the proper amount of water in the heating system. The Relief Valve operates to relieve surplus pressure above 30 lbs., thereby keeping the system filled with water under all conditions.

The "All-in-One" Combination is set at the factory to maintain ten pounds of pressure on the heating system, which will operate on one or two-story buildings. On a three-story building the factory adjustment can easily be changed to increase the pressure in the system. **SEE INSTRUCTIONS BELOW.**

The Relief Valve is set to discharge at 30 pounds of pressure and should not be tampered with.

The Emergency Relief Device is set at the factory.

Relieve the air from the top floor radiators once every two weeks.

### TO CLEAN THE STRAINER

Unscrew the plug and pull out the strainer to clean it.

To flush the strainer chamber of accumulated foreign matter open by-pass valve (when the strainer plug is screwed in tight) for a few moments once a season.

### To Adjust the "All-in-One" Combination.

Remove the brass acorn of the Reducing Valve adjusting screw; then loosen the jam nut; using a screwdriver, making one-half of a turn of the screw to the right will increase the pressure one pound in the system or one-half turn to the left will reduce the pressure one pound.

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## D. & T. MANUFACTURING CO.

FACTORY AND ENGINEERING DEPT.

3001-3009 LaSalle St., St. Louis, Mo.

GENERAL SALES OFFICE

15-17 So. Clinton St., Chicago, Ill.

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