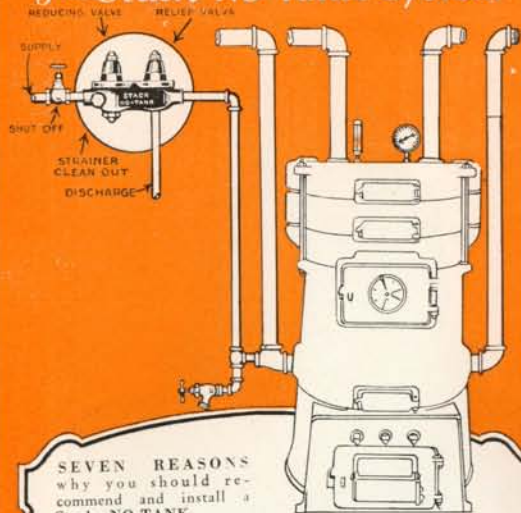


## Proper Installation of the Stack No-Tank system



### SEVEN REASONS why you should re- commend and install a Stack NO-TANK.

1. Very simple to install on new and old jobs.
2. Economical and efficient when in service.
3. Makes an easy and efficient installation.
4. Permits use of smaller pipes.
5. Eliminates expansion tank.
6. Speeds up circulation.
7. Costs less.

For best results install a  
Stack No-Tank Gauge

List Price \$2.00



NO-TANK GAUGE

We guarantee the Stack NO-TANK against all defects in material and workmanship and will replace any defective material returned to us, transportation charges prepaid. No claim will be allowed for damages of any kind, labor or other expenses caused by defective NO-TANKS.

# No more Expansion Tanks for HOT WATER HEATING Jobs

ESTABLISHED 1894

THE STACK HEATER COMPANY

BALL COCKS  
INDIRECT HEATERS  
GAS WATER HEATERS  
HEAT INTERCHANGERS  
HOT WATER GENERATORS

**STACK**  
PRODUCTS

RELIEF VALVES  
NO-TANK VALVES  
NON-PIPS VALVES  
STEAM WATER MIXERS  
PRESSURE REDUCING VALVES

TWO HUNDRED AND FIFTY STUART STREET  
BOSTON

**A**PPROVED by the Underwriters' Laboratories and listed as standard for hot water house-heating systems, the Stack NO-TANK does away with the installation of an expansion tank, thus simplifying and reducing the cost on any hot water heating layout.

The Stack NO-TANK, compact and efficient, consists of a Strainer, Reducing Valve and Relief Valve.

**STRAINER:** A separate unit which can be removed independently for cleaning purposes. Prevents dirt, grit and foreign matter from lodging on the valve seats, thus insuring perfect functioning of the NO-TANK at all times.

**REDUCING VALVE:** Constructed with a removable seat. The diaphragm in this unit is made of Navy P. G. stock. Is adjusted to deliver 10 to 12 lbs. pressure—sufficient to force the water to the highest point in the system on the average 1 and 2-story installation. For 3-story buildings, a slight readjustment should be made.

**RELIEF VALVE:** Constructed according to A. S. M. E. Standard, and approved by the National Board of Boiler and Pressure Vessel Inspectors. The diaphragm embodied in this unit is made of heat-resisting laminated phosphor bronze.

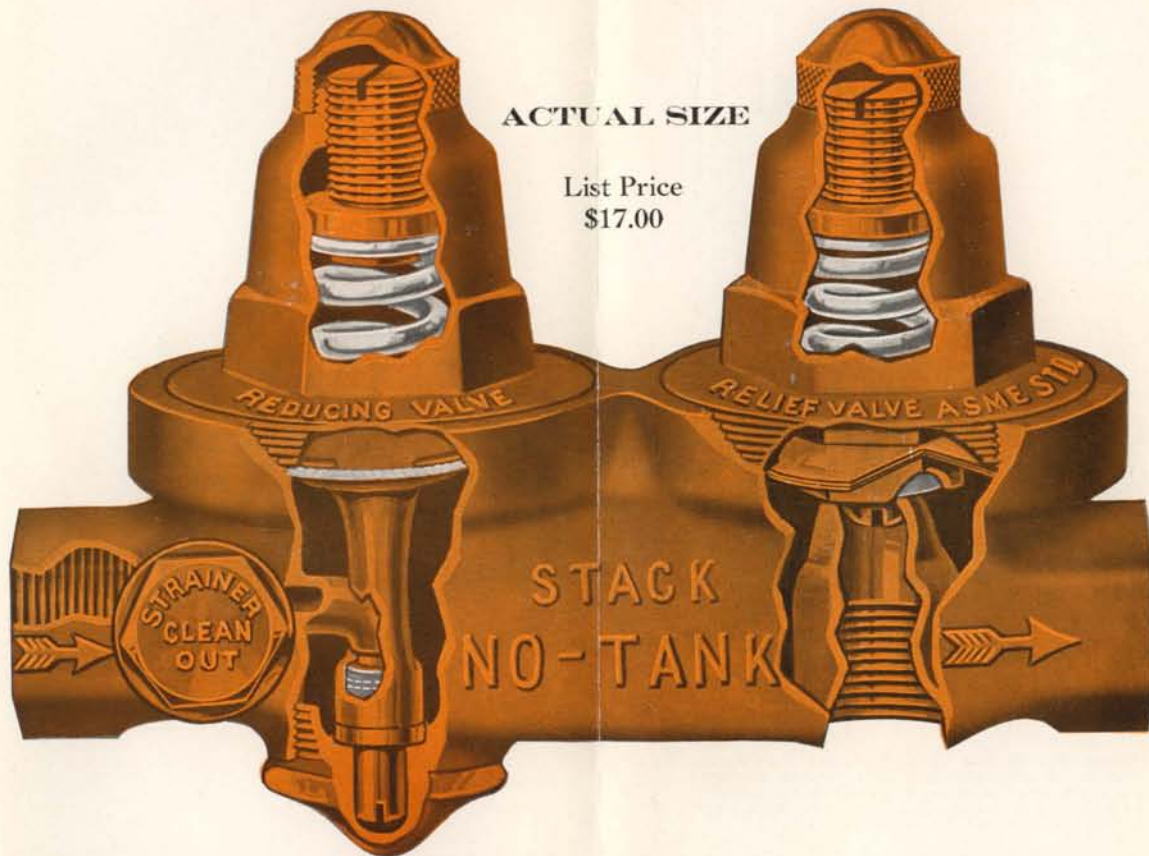
The Stack NO-TANK operates automatically. When the water is heated in the boiler and the pressure increases to approximately 30 lbs., the Relief Valve unit operates automatically, drains just the right amount of water to reduce the pressure to within proper bounds and then automatically closes.

The Reducing Valve unit then automatically opens and permits sufficient fresh water to enter the system to build up and maintain the original set pressure. The cycle of operation is then completed by the closing of the valve.

Such automatic action speeds up circulation, reduces air pockets and raises the boiling point.

The Stack NO-TANK is furnished in half-inch iron pipe size, suitable for all installations.

# The Stack No-Tank



**APPROVED BY THE UNDERWRITERS' LABORATORIES**