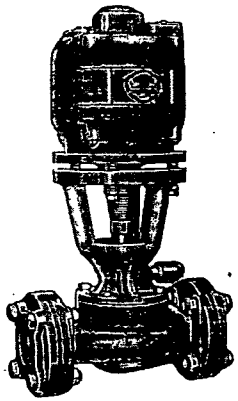
H. A. Thrush & Company

Peru, Indiana

Service and Sales Offices in Principal Cities

FORCED CIRCULATING THRUSH FLOW CONTROL SYSTEM OF HOT WATER HEATING AND HEATING SPECIALTIES

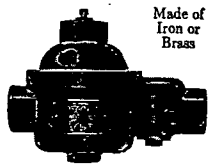


Patent Nos. 2,054,009, 2,111,441, 2,257,867

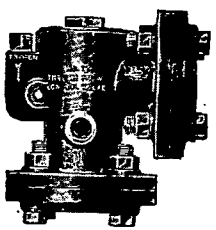
Flexible, economical of fuel, Thrush Summer-Winter System of Hot Water Heat is the most satisfactory way to heat buildings. Thrush Systems, Water Circulators, Water Heaters, Pressure Relief and Pressure Reducing Valves and other fuel-saving heating specialties can be furnished where Government regulations permit. Write today for information or engineering assistance.

THRUSH WATER CIRCULATORS

Five sizes, 1 in., 1¼ in., 1½ in., 2 in. and 3 in., for circulating water in Heating or Domestic Water Systems. Save fuel, insure uniform heating.



Made of Iron or Brass



Patent Reissue No. 19,873

THRUSH FLOW CONTROL VALVES

For use with Thrush Circulator only

Six sizes, 1 in., 1¼ in., 1½ in., 2 in., 2½ in. and 3 in. Work automatically by pressure head, generated by Thrush Circulator. This patented valve prevents circulation when not required.

THRUSH PRESSURE REDUCING VALVES

Types for High and Low Pressures

Sizes, ¼ in., ⅜ in., ½ in., ¾ in. and 1 in. High pressure reducing valves for protecting house plumbing and heating equipment from excessive city line pressures. Low pressure reducing valves to reduce pressure of water entering heating system and maintain water supply in system automatically.



Number 4 Illustrated

THRUSH LOW PRESSURE RELIEF VALVES

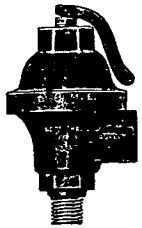
Protect heating boilers from excess pressures. Made in angle or straight types, of iron or brass, sizes ½ in., ¾ in. and 1 in. Unfailing dependability has been proved by over a quarter of a century of successful operation.

THRUSH AIR-TIGHT PRESSURE TANKS

An essential part of every hot water heating system. Conserves water and fuel, because the heated water expands into the Thrush Pressure Tank and returns to the system as it cools. Adds to the continued operating efficiency of the heating system over a long period of time.

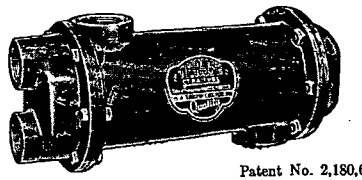


ALL THRUSH RELIEF VALVES COMPLY WITH A.S.M.E. CODE AND LISTED AS STANDARD BY UNDERWRITERS' LABORATORIES



THRUSH HIGH PRESSURE RELIEF VALVES

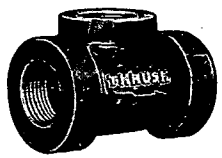
Protect water supply or range boilers and gas or electric water heaters from excess pressure. Made in angle or straight types, of iron or brass, sizes, ½ in., ¾ in. and 1 in., for pressure relief only or combination pressure and temperature relief.



Patent No. 2,180,620

THRUSH WATER HEATERS

Highly efficient heat exchangers or converters. Sixteen sizes, for Hot Water or Steam. Pressure up to 150 lb. Straight tubes readily cleanable. Provide Domestic Hot Water at low cost. Also used industrially for heating or cooling liquids.



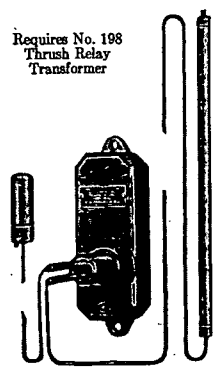
THRUSH SUPPLY TEES FOR ONE PIPE SYSTEMS

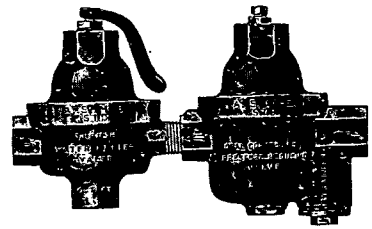
Assure positive diversion to radiators. Made in four sizes, 1 in., 1¼ in., 1½ in. and 2 in., with branch outlets of ½ in., ¾ in. or 1 in.

No. 210 THRUSH DIFFERENTIAL TEMPERATURE CONTROL

Special dual acting thermostat—one bulb inside and one bulb outside building. Automatically maintains correct indoor temperature with any weather change. A real fuel- and money-saver, especially for apartment houses, or groups of industrial, tourist camp or other buildings.

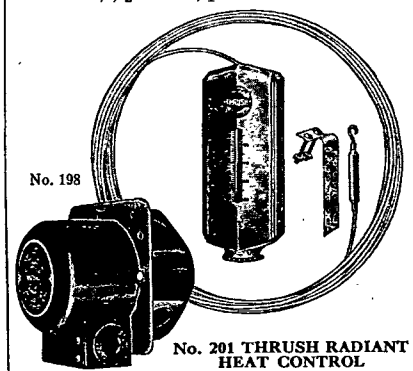
Requires No. 198 Thrush Relay Transformer





THRUSH DUAL CONTROL UNITS

Provide automatic pressure relief, reduce line pressure, automatically fill and maintain water supply in hot water heating system. Made in four types, brass or cast iron, ½ in. or ¾ in.



No. 198

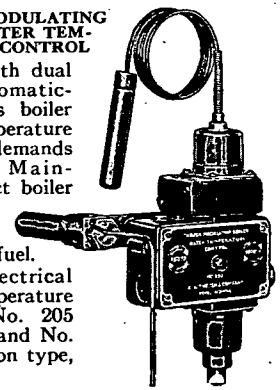
No. 201 THRUSH RADIANT HEAT CONTROL

Automatically maintains room temperature within a fraction of a degree. Controls both room and water temperature in the radiators, compensating to prevent variation in room temperature or a lack of radiant heat. Requires No. 198 Thrush Relay Transformer for low voltage.

THRUSH MODULATING BOILER WATER TEMPERATURE CONTROL

No. 203 with dual bulbs, automatically varies boiler water temperature to meet all demands for heat. Maintains correct boiler water temperature, thus saving fuel.

Other electrical water temperature controls, No. 205 immersion and No. 206 clamp-on type, available.



WRITE FOR COMPLETE CATALOG