

The Powers No. 11 Tank Regulator

Used on steam heated hot water service tanks in hotels, apartment buildings, offices, schools, shops, hospitals, factories, laundries, etc. Because this regulator prevents overheated water, it saves fuel and prolongs the life of valves and packings. Self-operating; easily installed. Of great durability, guaranteed accurate and positive in action.

In ordering, always give size of tank, steam pipe size, steam pressure, and temperature wanted.

The spring type regulator is commonly used for this work, except in sizes larger than 4-inch, when the lever type is used. Smaller sizes will be furnished in lever type if preferred.

The regulator will be furnished to operate at 160 deg. Fahr., with adjustability 20 deg. above and below that point, unless otherwise specified.

Flexible connection tube is 6 ft. long for sizes 1½-inch and smaller; 8 ft. for 2-inch to 4-inch, inclusive; and 10 ft. for larger sizes. Additional lengths of tubing will be furnished at 30 cents net per ft. A net charge of \$2.00 is made for flexible tubing shorter than standard.

Flanged valves will be drilled standard unless otherwise ordered.

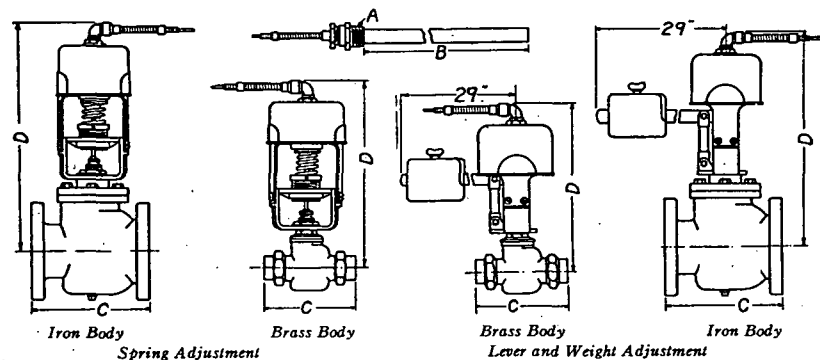
#### Specification

In connection with the (steam heated) hot water storage tank, furnish and install Powers No. 11 Tank Regulator with (..... inch) standard valve with standard length of flexible tubing. Regulator shall maintain the temperature of the water at (..... deg.) with steam pressure at (..... lbs.).

NOTE—Where installation is to control steam coil and auxiliary coal burning heater, specify No. 12 Regulator with chains, pulleys, etc., for the control of dampers on auxiliary heater (see Bulletin No. 129).

For coal burning heaters without steam coils, use Powers No. 13 Regulator (see Bulletin No. 136).

For Dimensions, Prices, etc., See Next Page



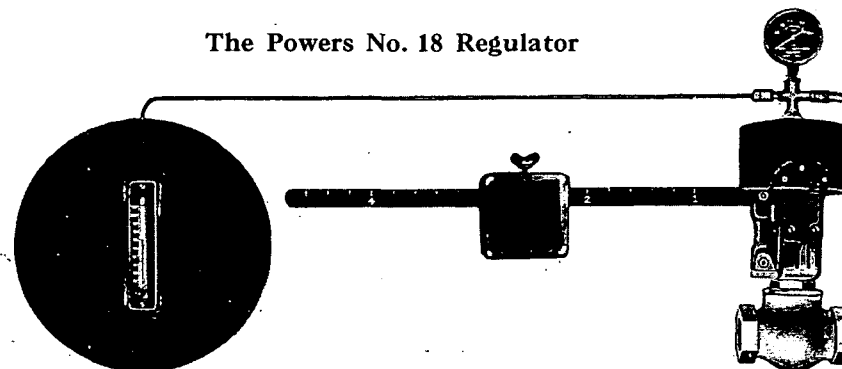
THE POWERS No. 11 TANK REGULATOR—Prices and Principal Dimensions

| Valve Size.....Inches            | 1/2   | 3/4    | 1      | 1 1/4  | 1 1/2  | 2       | 2 1/2   |
|----------------------------------|-------|--------|--------|--------|--------|---------|---------|
| List Price (Standard Valve)..... | \$60  | \$65   | \$70   | \$75   | \$80   | \$90    | \$95    |
| List Price (Monel Valve).....    | \$70  | \$76   | \$82   | \$90   | \$98   | \$113   | \$122   |
| Style of Body.....               | Union | Union  | Union  | Union  | Union  | Screwed | Screwed |
| Material of Body.....            | Brass | Brass  | Brass  | Brass  | Brass  | Iron    | Iron    |
| Dimension A.....Inches           | 10    | 10     | 12     | 14     | 14     | 16      | 16      |
| B....."                          | 5 1/2 | 6      | 6 1/2  | 6 1/2  | 7 1/2  | 8       | 9       |
| C....."                          | 11    | 11 1/2 | 11 1/2 | 11 1/2 | 12 1/2 | 14 1/2  | 15 1/2  |
| D....."                          |       |        |        |        |        |         |         |

| Valve Size.....Inches            | 3       | 3 1/2   | 4       | 5       | 6       | 8       |
|----------------------------------|---------|---------|---------|---------|---------|---------|
| List Price (Standard Valve)..... | \$100   | \$110   | \$120   | \$175   | \$225   | \$275   |
| List Price (Monel Valve).....    | \$130   | \$145   | \$160   |         |         |         |
| Style of Body.....               | Screwed | Flanged | Flanged | Flanged | Flanged | Flanged |
| Material of Body.....            | Iron    | Iron    | Iron    | Iron    | Iron    | Iron    |
| Dimension A.....Inches           | 18      | 20      | 20      | 11 1/4  | 11 1/4  | 11 1/4  |
| B....."                          | 9 1/2   | 10 1/2  | 10 1/2  | 12      | 13 1/2  | 16 1/2  |
| C....."                          | 15 1/2  | 15 1/2  | 15 1/2  | 21 1/2  | 23      | 24      |
| D....."                          |         |         |         |         |         |         |

The Powers No. 18 Regulator



A Self-Operating Regulator for Control of Compartment Temperatures Between 60 Deg. and 100 Deg. Fahr.

The Powers No. 18 Regulator shown above is a self-contained unit, not as sensitive in operation as the air pressure types but inexpensive and capable of good general control between the limits of 60 deg. and 100 deg. Fahr., where such control can be obtained by the operation of a single valve regulating the heat supply. The control of this valve is gradual and an efficient return line vacuum system is essential.

This regulator is used in shops, offices, warehouses, storage rooms, low temperature drying rooms, small ventilating units, greenhouses, etc.

It is easy to install and is very DUR-

ABLE. Gives true gradual control. By changing the position of the adjusting weight, different temperatures over a 20 deg. Fahr. range at the thermostat may be secured.

The flexible connecting tube may be of any length up to 75 feet or with the smaller valves 100 feet, and is usually of lead closely armored with galvanized steel wire. Armored copper tube can be furnished where conditions of vibration require its use, as in the control of fan ventilating units.

Standard flexible lead connecting tube of 50 feet will be sent unless otherwise specified; excess if any, can be coiled up near