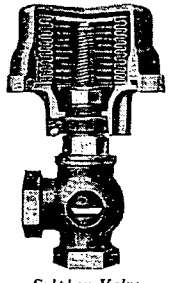
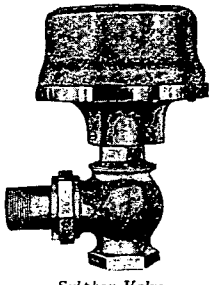
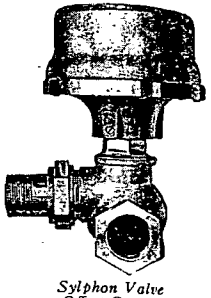
Johnson Metal Diaphragm Valve



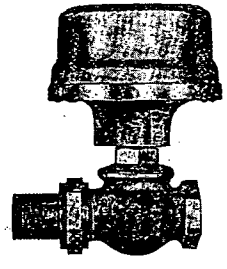
Sylphon Valve Sectional View



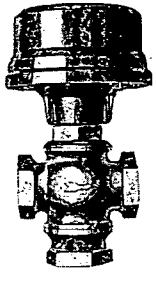
Sylphon Valve Angle



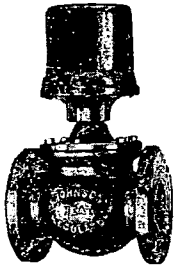
Sylphon Valve Offset Corner



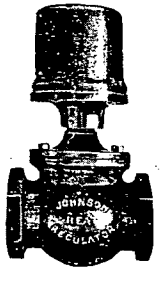
Sylphon Globe Valve



Sylphon Valve Brass Three-Way



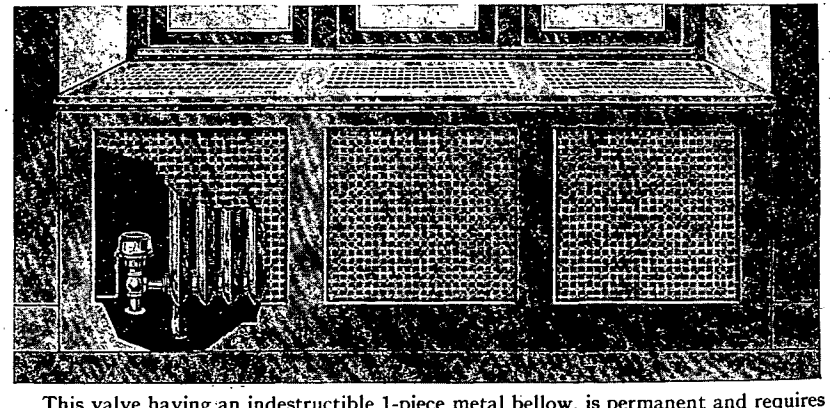
Flanged Globe Coil Valve



Screwed Globe Coil Valve

Window Seat With Radiator Behind Grill

Diaphragm valves on radiators in window seats, or behind grills, or similar enclosed spaces, operate under very severe conditions. The Sylphon valve overcomes all of the objections to placing diaphragm valves on radiators in such spaces, as the Sylphon is permanent and neither heat nor moisture can destroy its efficiency.



This valve having an indestructible 1-piece metal bellow, is permanent and requires no repairs. Its value for the control of steam is obvious and particularly so in connection with steam coils, radiators in wall boxes where excessive heat would destroy rubber diaphragms.

Pneumatic Switch Control

Remote valve and damper control plays, by means of our pneumatic switches, a very important part in the economical operation of the modern heating plant, especially in schools. It saves the janitor's time for other duties, and makes it possible to accomplish results in the operation of the heating plant which can not be obtained in any other way. It makes it easy to operate the fresh air, return air and vent dampers, with the corresponding assurance that these dampers will be economically operated as intended by the heating engineer. It also makes possible and facilitates the control of risers in office buildings in accordance with the latest practices for the economical use of steam.

Different types of pneumatic switches:

Lever handle switches.

Push button switch.

Indicating switch to open and close dampers partially as desired.

Electro pneumatic switch to open and close dampers automatically—with the starting and stopping of fan motors.

Specifications

The Johnson System of Temperature Regulation to be erected and assembled by trained mechanics employed by the manufacturer, the Johnson Service Co.

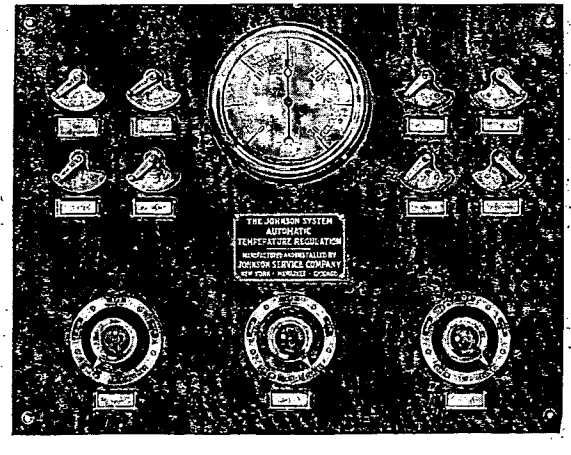
The Johnson Service Company maintains an engineering organization in each of its branch offices competent to render complete information regarding application of the equipment, location of thermostats, capacity of air compressors, humidifiers, etc., and layouts of air piping. Our engineering department should be consulted regarding specifications.

Humidity Control

The supplying of moisture to the heated air in buildings and the automatic control of the percentage of moisture in this air are recognized by authorities to be as important as maintaining proper temperatures.

Humidostats and Humidifiers

The humidostat automatically controls the supply of moisture delivered to the air by a humidifier and maintains a constant percentage of relative humidity. It operates a diaphragm valve on the steam coils in the pan humidifier. The pan is provided with float box to maintain constant water level and is located in the ventilating air duct leading throughout the building. Steam jet and water spray types of humidifiers are also furnished.



Distributing Damper Control for Ventilating Air Switchboard