

Automation unit for controlling adaptive parameters of the coolant supply to consumers contains the supply and return pipelines of the heating network, on which shut-off valves, a mesh filter, a circulation pump, a pressure sensor-relay, and coolant temperature sensors are installed. Additionally, an electronic adaptive valve is introduced, located in the supply pipeline of the centralized heating supply, the output of which is connected by data transmission means to the input of the programmable controller located in the automation panel, where information is received and processed from remote sensors for determining the temperature of the climatic air, remote sensors for the temperature of the air in the premises of consumers and a coolant pressure sensor. Through the data transmission means, the corresponding commands are issued to the temperature regulator with an electric drive of the electronic adaptive valve to determine its corresponding position in the centralized heating pipe.