

The invention relates to heat engineering and can be used in heat supply systems with heat storage in the soil. The hybrid solar heat accumulator comprises a horizontal tank (1) with water, which is placed on the soil (19) and covered with a transparent cover (5), equipped with the first thermometer (3) immersed in water, at the bottom of the tank (1) being placed a solar radiation absorber (4). Under the horizontal tank (1), in the ground (19), is made a mine (6), wherein is installed a vertical tank (15) with water, connected to the horizontal tank (1) by means of two pipes (7), of cold water, equipped with a pump (9), and of hot water (8), equipped with the first valve (10). Around the vertical tank (15) is placed a sand-gravel mixture (11) and a tubular heat exchanger (12), under which is fixed the first humidity detector (17). Under the horizontal tank (1), in the soil (19), is placed a humidifier in the form of a pipe (13), made of porous material and connected with one end to the horizontal tank (1) by means of the second valve (14), the other end of the pipe (13) being closed with a stopper. Under the pipe (13) are placed the second thermometer (16) and the second humidity detector (18).

Claims: 1

Fig.: 1

