

The invention relates to the field of solar engineering and can be used in plants for heating of fluid medium (water, air), for objects in which is unacceptable the temperature increase above a certain value, for example for greenhouses.

The solar collector with light reflectors and thermostabilizer comprises a body (1), a glass (2), a heat exchanger pipe (4), a heat insulator (3) and wedge reflectors (6), placed on the left and on the right of the heat exchanger pipe (4), as well as elements for fastening (7, 8) the heat exchanger pipe (4) to the heat insulator (3). In the heat exchanger pipe (4) is placed a heat accumulator (5), consisting of separate jars filled with paraffin, as well as clamps with ribs, retaining the jars of the heat accumulator (5) coaxially with the heat exchanger pipe (4). The wedge reflectors (6) consist of angular (6a) and cylindrical (6b) parts, the latter being located below the middle of the heat exchanger pipe (4) and coaxial with it.

Claims: 1

Fig.: 2

