

Solar unit for hot water supply has solar collector, tank-accumulator, direct pipeline, pipeline for supply of cold water to tank-accumulator and pipeline for takeoff of hot water to consumer. Solar collectors are installed on rotary frame controlled with discrete programmer that is electrically connected to solar unit. Over rotary frame two-contour pipe heat exchanger is installed, this is connected in first contour to solar collector with pipeline of inlet and pipeline for outlet of heat carrier, at that on inlet pipeline temperature indicator is installed, and on outlet pipeline circulation pump is installed. In the second contour tubular heat exchanger is connected to tank-accumulator with direct pipeline and back pipeline of water supply that are made of flexible hose, at that in mains of back pipeline circulation pump is installed, and in tank-accumulator on surface of water controller of level of filling is installed, and pipeline for feeding with cold water, with electric valve, is connected to it. Besides that on rotary frame additionally are installed two combines solar collectors with silicon photoelectric transformers applied to receiving surface of absorbers, those are electrically connected to inverter. Solar unit for hot water supply has autonomous electric power supply for electric motors, it is not complicated in design, reliable in operation, it gives possibility to increase a lot its thermal efficiency.