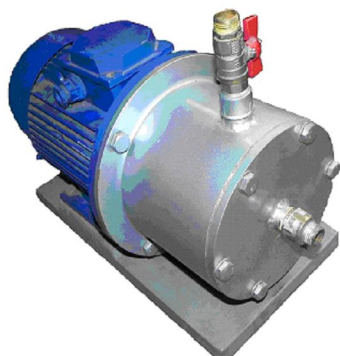




HEAT-GENERATING UNITS



Heat-generating units (HGU) - a highly efficient source of heat of a hydrodynamic principle of action, which is implemented by the continuously variable conversion of mechanical energy of the drive motor into heat of the workspace. The warming of the liquid is carried out by forces of viscous friction, which eliminates the use of heating elements.

Areas of use

- Individual heating of administrative, residential, industrial and storage facilities and greenhouses
- Hot water supply
- Heating of liquids without local heat application

Benefits of using

- The application of an automatic control system
- Can be installed in nongasified areas
- The absence of heat losses in the heating mains
- The possibility of stepless temperature control from 10 to 85 °C
- Lack of heating elements and preliminary water treatment
- Lack of emissions of combustion products
- Transfer of a heat carrier during operation of the unit
- The ability to connect directly to the existing heating circuit
- Accumulation of heat in the storage tank at night
- Cost reduction of heating (40 - 60)%



Specification

Unit	Power / motor frequency, kW / (r / min)	Dimensions, mm	Heating area, m ²
TGA-M	3/1500	562x263x235	50
TGA-1	7.5/1500	730x350x302	125
TGA-2	15/1500	924x430x358	250
TGA-3	30/1500	1012x470x410	500
TGA-4	55/1500	1250x450x500	900
TGA-5	110/1500	1380x550x640	1800