

ENGLISH

EWH Description and Technical Data

The present Electric Water Heater (EWH) belongs to the category of instantaneous water heaters and is determined for hot water production for everyday necessities and for serving from one two three draw-off points in premises with a cold water main with operating pressure not less than 0,05 MPa and not more than 0,6 MPa.

Series	System 600	System 800	System 1000
Voltage	220–240 V~	220–240 V~	220–240 V~
Wattage	6,0 kW	8,0 kW	10,0 kW
Nozzles diameter	½"	½"	½"
Canal indicator	+	+	+
Overheating protection	+	+	+
Light indication	+	+	+
Protection class	IPX1	IPX1	IPX1

Delivery scope: water heater, shower nozzle, operation manual, packing.

i The manufacturer reserves the right to make changes in the construction and characteristics of the water heater without preliminary notification thereof.

Installation and Operation Rules

All sanitary and electric installation works of installation, putting into operation and repair of the water heater must be made by qualified specialists. Sanitary piping and isolation valves must correspond to the water mains system data and have necessary quality certificates. The water heater must be installed indoors in the premises with room temperature.

All maintenance rules and requirements of electrical appliances concerning connection to the water supply existing in your region must be observed.

It is necessary to follow the following rules during water heater installation and maintenance:

- do not operate the water heater without ground connection;
- do not switch the EWH on, unless it is installed on the wall with nozzles vertically downwards and filled with water;
- do not leave the plugged in EWH unattended;
- do not make any service works with the plugged in EWH;
- do not make service maintenance of the water heater using the spare parts, which were not recommended by the water heater manufacturer;
- protect the water heater from ingress of mechanical substances existing in the water through installation of standard home strainers; non-observance of this requirement can cause breakage of EWH;
- do not use the water from the water heater for cooking.

Please, draw attention of your children that they must not play with the EWH.

The EWH is not designed to be operated by people (including children) with physical, tactile or mental disorders, as well as people who cannot use the EWH, unless it is made under control and according to the instructions of people responsible for the EWH safety.

The EWH is installed on the wall with nozzles directed vertically downwards. Possible variants of the EWH installation are given in Fig.1. During installation the EWH must be installed in such a way that the water spray doesn't ingress its housing.

In order to connect the EWH to the power network it is necessary to put down the upper cover of the water heater and connect the conductive electric cable (not included into delivery) to the terminal block on the EWH housing as follows: connect the yellow-green cable wire to the terminal E "earth", the blue cable wire to the terminal N "null", the brown (white, black) cable wire to the terminal L "phase".

For connection we recommend to use a three-core cable with sectional area of each core not less than 4 mm² for the EWH with a wattage of up to 6 kW and a cable with sectional area of each core not less than 6 mm² for the EWH with a wattage of 10 kW. Before starting the electric wiring installation it is necessary to cut off power from the power supply net to which the EWH is connected. First, the cable is connected to the EWH and then to the switch. In order to disconnect the EWH from the power supply net one should use a two-pole switch with plug fuse, with gap between the disengaged contacts not less than 3 mm at all poles (not included into delivery), 40 A for the EWH with a wattage of up to 8 kW and 50 A for the EWH with a wattage of 10 kW. Before putting the EWH into operation it is necessary to fix the cover.

The electric wiring, security and switchgears must stand current load not less than 40 A for the EWH with a wattage of up to 8 kW and 50 A for the EWH with a wattage of 10 kW.

Operation

Switch on the EWH power supply switching on the two-pole switch. As the water flows through the EWH the light indicator on the cover will switch on. Softly turn the cold water supply tap handle. Wait for 15– 20 sec until the outlet water temperature becomes stable. If the EWH outlet water is very cold, reduce the water supply, if very hot – turn on the cold-water tap to obtain the necessary temperature. The cold tap water temperature may alternate significantly within the year from 4 to 20 °C. It means that at the same EWH outlet water temperature the water flow in winter will be less than in summer. The shower spraying mode can be regulated by turning the handle to the position "winter" or "summer" (for shower nozzles with automated switch) or by installation of removable rings (for shower nozzles with removable rings). The water spraying mode has a huge impact on the shower operation. The shower handle position "winter" (or reduction of the rings number with openings) provides effective water spraying at a smaller volume.

After use of the EWH when turning off the hot-water tap the EWH will automatically switch off and the water heating will stop.

Technical maintenance

The EWH does not require special technical maintenance. In case of difficulties in the EWH operation or in case of defects in the water heater operation contact the qualified specialist. Keep the EWH surface safe from damages, blows and influence of active solvents. Wipe the dirty EWH surfaces with soft damp cloth moistured in soapy water. Do not use here any abrasive or chemically active detergents. Rub the sprinkle shower and kitchen nozzles from the dirt regularly.

All works for the EWH maintenance must be done after it was disconnected from the electrical network.

Utilization

X All water heater components consist of materials which in case of necessity allow ecologically sustainable utilization to be carried out according to norms and rules of the buyer's country of residence. Provided that the installation, operation and maintenance rules are observed and the consumed water quality complies with the current standards, the manufacturer sets the 3 years period of service of the EWH.

Manufacturer Guarantee

The manufacturer sets the water heater guarantee period for 2 years.

The guarantee period starts from the EWH date of sale. In case the date of sale on the shop stamp is absent or has been corrected the guarantee period starts from the date of the water heater production mentioned on the nameplate on the appliance housing. The claims during the guarantee period shall be accepted only in the presence of this manual with marks of the sales company and the nameplate on the EWH housing.

The guarantee covers only the water heater used for needs not related to any commercial activities. The buyer bears the responsibility for compliance with installation and connection rules (in case of unassisted connection) or the installation organization performing the installation.

During the water heater installation and operation the user must follow the requirements providing for reliable operation of the appliance during the guarantee period:

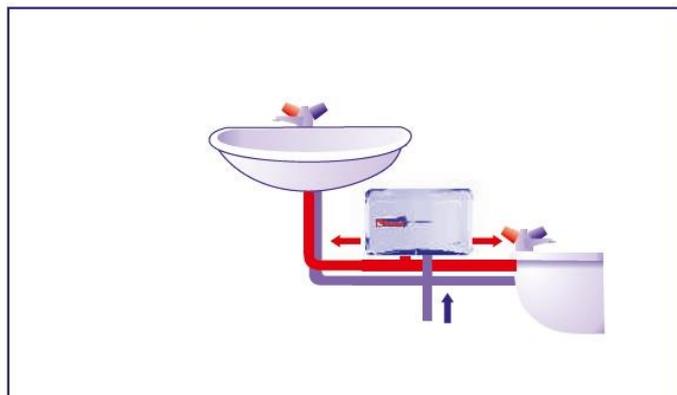
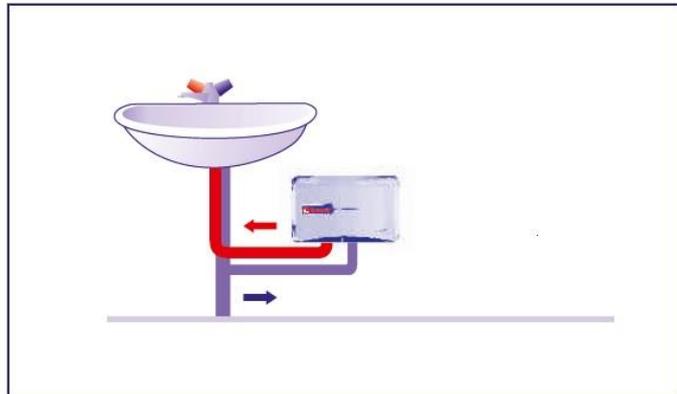
- fulfill the protective measures and installation, connection, operation and maintenance rules stated in this manual;
- exclude mechanical damages due to negligent storage, transport and installation;
- exclude the appliance damages due to water freezing;
- use only water without any mechanical and chemical impurities.

The manufacturer is not responsible for failures occurring due to violation by the user of the water heater installation, operation and technical maintenance rules stated in this manual, including cases when these failures occurred due to inadmissible networks characteristics (electrical and water supply) under which the EWH operates as well as due to the commercial use and the third parties interference.

Repairs or replacement of the components and accessories during the guarantee period shall not prolong the total EWH guarantee period. The installation of electric connection and the first use of the EWH must be performed by the qualified specialist.

Manufacturer: «Edisson & Co»

44, Moskovskoe Shosse, Tosno, Leningrad Region, 187000, Russia



1 Model	2 Serial number
3 Date of sale	
4 Seller	
5 Seller's stamp	

* Filled by the seller

- Model** / Modell / Model / Модел / Модель / Model / Ynri / Modelis
- Serial number** / Fabrikationsnummer / Număr de serie / Серијски број / Sérjiny číslo / Serijsko števílo / Серійний номер / Serijski broj / Číslo série / Seriennummer / Серийный номер / Sorozati szám / Серіялық номері / Sérjijas numurs / Serijinis numeris / Numer serijny
- Date of sale** / Verkaufsdatum / Data vânzării / Датум продаје / Datum predaji / Datum prodaje / Дата продажу / Datum prodeje / Müügi kuupäev / Дата продажи / Eladási dátum / Сатылу күні / Pārdošanas datums / Pardavimo data / Data sprzedaży
- Seller** / Verkäuferfirma / Vânzător / Фирма-продавац / Firma-predavač / Firma-prodávateľ / Фирма-Продавец / Firma-prodavac / Prodávající firma / Müüja-firma / Фирма - продавец / Eladó - cég / Сатушы - фирма / Uzņēmums - tirgotājs / Moné - pardavēja / Firma sprzedająca
- Seller's stamp** / Siegel der Verkäuferfirma / Ștampila vânzătorului / Печат фирме - продавца / Pečať firmy - predavača / Pečať firme-prodávateľa / Печатка фирме - продавца / Pečať firme-prodavca / Razítko prodávající firmy / Müüja-firma pitsat / Печать фирмы - продавца / Eladó-cégnek pecsétje / Сатушы-фирма мөрі / Uzņēmuma - tirgotāja zīmogs / Įmonės-pardavėjos antspaudas / Pieczęćka firmy sprzedającej
- To be filled out by seller** / Wird von der Verkäuferfirma ausgefüllt / A se completa de către vânzător / Попълнява се фирмом - продавцом / Vyrpñuje firma-predavač / Izpolni firma-prodávateľ / Заповнюється фірмою-продавцем / Popunjava se firmom prodavca / Vyrpñuje se prodávající firmou / Täidab müüja-firma / Заполняется фирмой-продавцом / Eladó - cég tölti ki / Сатушы-фирма толтырады / Aizpilda uzņēmums-tirgotājs / Užpildo įmonė-pardavėja / Wypełnia firma sprzedająca
- Hand-in date** / Datum der Aufnahme / Data primirii / Датум примања / Datum postupa / Datum prijema / Дата пријому / Datum primanja / Datum prijmu / Vastuvõtu kuupäev / Дата выдачи / Kiadás dátuma / Беру күні / Izsniegšanas datums / Išdavimo data / Data oddania / Data przyjęcia
- Hand-out date** / Datum der Übergabe / Data eliberării / Датум враћања / Datum vydají / Дата выдачи / Datum vraćanja / Datum vydání / Väljastamise kuupäev / Дата выдачи / Kiadás dátuma / Беру күні / Izsniegšanas datums / Išdavimo data / Data oddania
- Defect** / Mangel / Defectul / Дефект / Defekt / Defektus / Ақауы / Defekts / Defektas / Wada
- Work performed** / Erfüllte Arbeit / Lucrarea efectuată / Извршен сервис / Splnena praca / Izvršeno delo / Виконана робота / Izvršen servis / Splnėná práce / Teostatud töö / Выполненная работа / Végzett munka / Орындалган жұмыс / Izpildītais darbs / Atliktais darbs / Wykonana praca
- Repairman** / Erfüllt von / Specialist / Майстор / Majster / Master / Майстер / Stručno lice / Mistr / Meister / Мастер / Шебер / Meistars / Meistras
- Service center stamp** / Siegel des Service - Zentrums / Ștampila centrului service / Печат сервисного центра / Pečať servisneho centru / Pečať servisnega centra / Печатка сервисного центра / Pečať servisnog centra / Razítko servisního centra / Teeninduskeseuse pitsat / Печать сервисного центра / Szolgáltató központ pecsétje / Қызмет көрсету орталығының мөрі / Servisa centra zīmogs / Serviso centro antspaudas / Pieczęćka serwisu naprawczego
- To be filled out by service center** / Wird von dem Mitarbeiter eines Service-Zentrums ausgefüllt / A se completa de către centrul service / Попълнява се сервисном центром / Vyrpñuje servisny centrum / Izpolni servisni centar / Заповнюється сервисним центром / Popunjava se servisnom centrom / Vyrpñuje se servisnim centrom / Täidab teeninduskeskus / Заполняется сервисным центром / Kíölti a szolgáltató központ / Қызмет көрсету орталығы толтырады / Aizpilda servisa centrs / Užpildo serviso centras / Wypełnia serwis naprawczy

Warranty cards



1	Model	5 Seller's stamp
2	Serial number	
3	Date of sale	
4	Seller	

6 To be filled out by seller

7	Hand-in date	12 Service center stamp
8	Hand-out date	
9	Defect	
10	Work performed	
11	Repairman	

13 To be filled out by service center



1	Model	5 Seller's stamp
2	Serial number	
3	Date of sale	
4	Seller	

6 To be filled out by seller

7	Hand-in date	12 Service center stamp
8	Hand-out date	
9	Defect	
10	Work performed	
11	Repairman	

13 To be filled out by service center



1	Model	5 Seller's stamp
2	Serial number	
3	Date of sale	
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7	Hand-in date	12 Service center stamp
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1	Model	5 Seller's stamp
2	Serial number	
3	Date of sale	
4	Seller	

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7	Hand-in date	12 Service center stamp
8	Hand-out date	
9	Defect	
10	Work performed	
11	Repairman	

13 To be filled out by service center