

mTronic 7000

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Kotao mTronic7000 je unapređena verzija kotla eTronic 7000 koji je razvijen za potrebe Nemačke kompanije ROBERT BOSCH. Uredaj spada u red najmodernijih na tržištu. Upravljanje kotlom je izvedeno preko procesorske jedinice i velikog LCD displeja. Procesorska jedinica obezbeđuje praćenje svih bitnih karakteristika kotla i samog sistema grejanja. Time obezbeđuje siguran i dugotrajan rad uređaja. LCD displej omogućuje pregledno i precizno podešavanje vitalnih parametara na uređaju. Podešavanje je maksimalno uprošćeno preko 4 soft touch tastera. Preko procesorske jedinice može se pratiti vreme rada svakog grejača posebno, kao i celog uređaja. Režim rada može se podesiti na normalan i režim protiv zamrzavanja. Preciznim projektovanjem obezbeđen je i veoma lak rad serviserima i instalaterima. Maksimalno je uprošćeno utvrđivanje eventualne greške i njenog otklanjanje. Što se sigurnosnog dela kotla tiče izведен je procesorskom kontrolom i mehaničkim zaštitama. Uredaj ima 4 stepena zaštite. Takođe ima i alarne upozorenja ako se neki parametri nalaze u kritičnim vrednostima. Sve u svemu mTronic 7000 je uređaj koji je trenutno najnapredniji po funkcijama i sigurnosti.

The mTronic 7000 boiler is an improved version of the eTronic 7000 boiler developed for the needs of the German company ROBERT BOSCH. Boiler control is performed via a processor unit and a large LCD display. The processor unit provides monitoring of all important characteristics of the boiler and the heating system. This ensures safe and long-lasting operation of the device. The LCD display allows clear and precise adjustment of vital parameters on the device. The setting is maximally simplified via 4 soft touch keys. The operating mode of each heater separately, as well as the entire device, can be monitored via the processor unit. The operating mode can be set to normal and anti-freeze mode. Precise design ensures very easy work for service technicians and installers. Determining a possible error and eliminating it is maximally simplified. Boiler safety is ensured through processor control and mechanical protections. The device has 4 levels of protection. It also has warning alarms if some parameters are in critical values. All in all, mTronic 7000 is a device that is currently the most advanced in terms of functions and security.



kW 6÷24

m² ≤240 floor heating
≤180 radiator heating

za objekte u skladu sa/s for buildings in accordance with
EN ISO 52016-1:2017

% 99

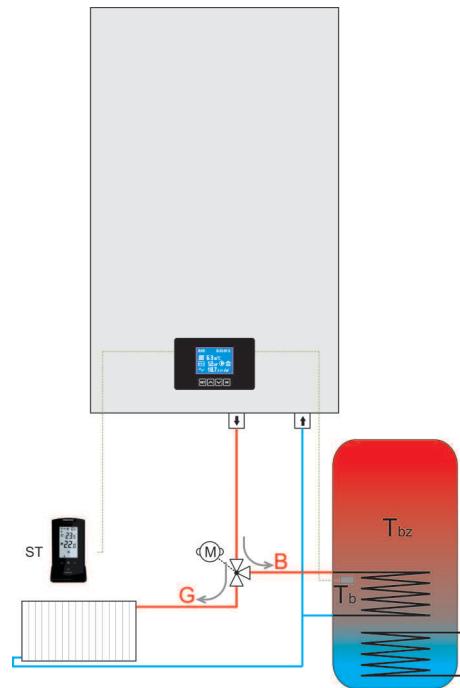
IP 40

KG 23÷25

Pregled prednosti / overview of advantage:

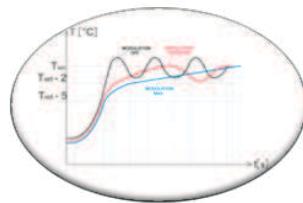
- Električni kotao za grejanje i pripremu sanitarnе vode pomoću akumulacionog bojlera / Electric boiler for heating and domestic hot water preparation by means of an storage boiler.
- Uključivanje/isključivanje grejača sa praćenjem njihovog vremena rada (ravnomerno angažovanje grejača) - obezbeđuje duži radni vek uređaja / Heater on / off, with monitoring their operating time (balancing the operating time of the heaters) - provides longer device life.
- Sigurnosni termostat sa daljinskim naponskim okidačem (bez napajanja u redovnom radu, duži radni vek) / Safety temperature limiter with remote voltage trigger (without power supply in regular operation, longer working life).
- Najnoviji model visoko efikasne pumpe sa širokim izborom režima rada / The latest model of a highly efficient pump with a wide choice of operating modes.
- Svi parametri sistema prikazani na korisničkom interfejsu. Jednostavno podešavanje temperature i snage sistema grejanja / All system parameters displayed on the user interface. Easy adjustment of temperature and power of the heating system.
- Digitalno merenje temperature i precizna regulacija. Digitalni senzor pritiska vode u sistemu / Digital temperature measurement and precise control. Digital water pressure sensor in the system.
- Daljinsko upravljanje preko sobnog termostata / Remot control via room thermostat.
- Zaštita od smrzavanja pomoću zasebnog programa / Frost protection using a separate program.

1 Električni blok kotlovi / Electric block boilers: mTronic 7000 6kW÷24kW



Zaštita od smrzavanja / Frost protection

Modulacija snage / Power modulation



Grejanje ili priprema potrošne tople vode / Heating or preparation of DHW

Tehničke karakteristike/Technical characteristics

Model		mT-6kW	mT-9kW	mT-12kW	mT-18kW	mT-24,3kW
grejne grupe	heating groups	3 × 2 kW	6 × 1,5 kW	6 × 2 kW	9 × 2 kW	9 × 2,7 kW
podešavanje snage	power steps	3 × 2 kW	6 × 1,5 kW	6 × 2 kW	9 × 2 kW	9 × 2,7 kW
minimalna snaga	minimum power	2 kW	1,5 kW	2 kW	2 kW	2,7 kW
maksimalna snaga	maximum power	6 kW	9 kW	12 kW	18 kW	24,3 kW
potrebnii glavni osigurači za trofazno napajanje	main circuit breakers for three phase power supply	3 × 16A	3 × 20A	3 × 25A	3 × 32A	3 × 40A
potrebnii glavni osigurači za monofazno napajanje	main circuit breakers for single-phase power supply	1 × 32A	1 × 50A	/	/	/
potreban mrežni kabl za trofazno napajanje	power cable for three phase power supply	5 × 2,5 mm ²	5 × 2,5 mm ²	5 × 4 mm ²	5 × 4 mm ²	5 × 6 mm ²
potreban mrežni kabl za monofazno napajanje	power cable for single-phase power supply	3 × 4 mm ²	3 × 6 mm ²	/	/	/
preporučena grejna * površina-podno/radijat. grejanje	recommended heating * surface-floor/radiator heating	≤60m ² f.h. ≤40m ² r.h.	≤90m ² f.h. ≤60m ² r.h.	≤120m ² f.h. ≤80m ² r.h.	≤180m ² f.h. ≤120m ² r.h.	≤240m ² f.h. ≤160m ² r.h.
priklučak na elektro mrežu	inlet for power cable	3 strane/ways - gornje/top, donje/bottom, između zida/from wall				
priklučak na hidrauličnu instalaciju	connection for hydraulic instalation	G 3/4 " sa donje strane/from bottom side				
pumpa	pump	visoko efikasna pumpa/highly efficient pump				
ekspanzionia posuda	expansion vessel	Zilio Italy 8L				
sigurnosni ventil	safety valve	integriran unutra/integrated inside				
slavina za pražnjenje kotla	drain valve	da/yes				
dimenziije VxŠxD	dimensions HxWxD	710×430×230				
težina kotla bez vode	weight of boiler without water	25 kg				
stepen zaštite	Ingress Protection rating	IP 40				
opseg regulacije temperature kotla	temperature range	10 ÷ 80 °C				
sigurnosni termostat	safety thermostat	95 °C				
min. max. radni pritisak	min.max. work pressure	0,3 bar ÷ 2,6 bar				
priprema sanitarne vode	domestic hot water	da/yes				
tajmer za pripremu sanitarne vode	timer for domestic hot water mode	da/yes				
monofazna konekcija	single phase connection	da/yes	da/yes	ne/no	ne/no	ne/no

*za objekte u skladu sa / for buildings in accordance with EN ISO 52016-1:2017, f.h.-podno grejanje/floor heating, r.h.-radijatorsko grejanje/radiator heating