

28361-89
(379-87)

11-2004



2006

28361-89

Electric storage water-heaters for household purposes. Methods for measuring the performance

(379-87)

MKC 91.140.65
97.040.50
34 6841

01.01.91

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2.

3.

3.1.

4.

(. .1)

4.1.

4.2.

4.3.

4.4.

©

©

, 1990
, 2006

4.5.

5.

5.1.

5.2.

5.3.

5.4.

),

6.

- , (.18);
- , / (.14);
- F_m — , % (.17);
- Q_{pr} — , / (.14);
- t_R — , (.16);
- t_{R^5} — 50 , (.16);
- © — , ° (.11 18);
- ® — (), ° (.19);
- & — , ° (.8);
- © — , ° (.8 15);
- ® A_i — , ° (.10 14);
- © \wedge — , ° (.10 14);
- ® E_i — , ° (.10 14);
- ® — , ° (.10 14);
- ® ~ , ° (.10 14);
- & — ® , ° (.10 15);
- ® — , ° (.15);
- ® R — , ° (.16);
- ® w — , ° (.16 17).

7.

- (.13);
- (.14);
- (.15);
- (.16);
- (.17);
- (.18);
- (.19).

8.

© = (20 ± 2) ° .

1

85%

5%

9

$$\odot = (15 + 2)^\circ$$

.11.

9.

150

250 —
700 —

10.

10.1.

(. . . 3).

(0)

(0),

$i =$
% $\text{\textcircled{R}}$

$i = 1$

(&)

$\&_{Ei}$

$$\sum_{i=1}^i \text{\textcircled{R}} E_i$$

10.2.

+ 0,5

10

5%, 15%

& .

.2.

11.

& , . 14, (65 ± 3)° .

©

() .

12.

0,01

13.

14.

l

tl

48 ,

(0~)

(©),

. 10.1.

(), / ,

h

(&), ° ,

© r-© + ©£

©^ ©£

. 10.1.

(Q_{pr}), / ,

45

Q_{pr}=@ ^

0,1 / .

15.

. 14

2 / —
5 / —
10 / —

10 ;
10 50 ;
50 200 ;

5 %
200 .

& .

(0), ° ,

$$F = 50 e^{-\theta} + 15.$$

16.

& . 15:

t_R

© ,

. 10.1,

©^ ,

10 .

15 ° 65 ° (t_R 50)

$$\frac{t-t}{t^*50} = r' \&_r - \text{©} c .$$

:

;

©_w.

17.

(0)

F_m

(©^).

(F_m), %,

$$F = \text{©} W - \text{©} P$$

$$\text{©} W$$

18.

$$= \text{©} - \text{©} .$$

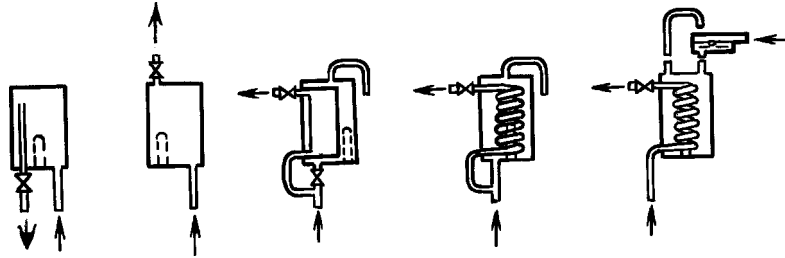
19.

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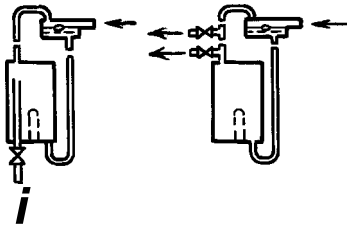
() , ° ,

$$= \text{©} \cdot$$

(.4.1)



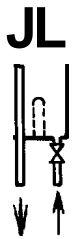
(.4.3)



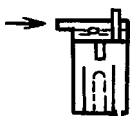
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.1. 1

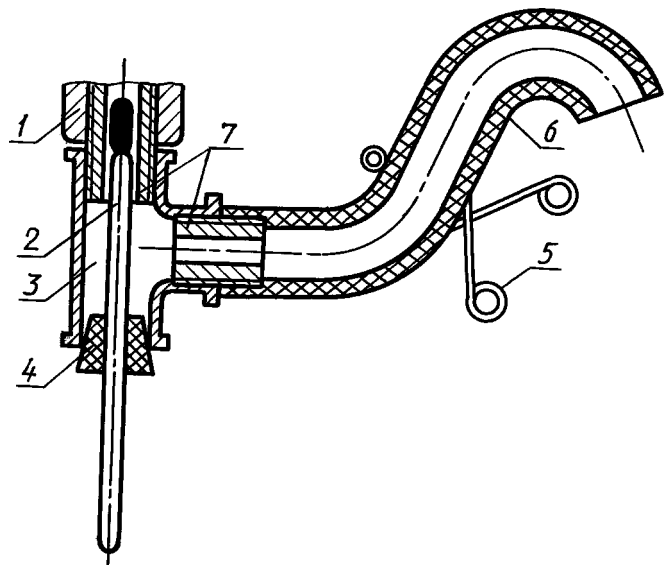
(.4.4)



(.4.5)

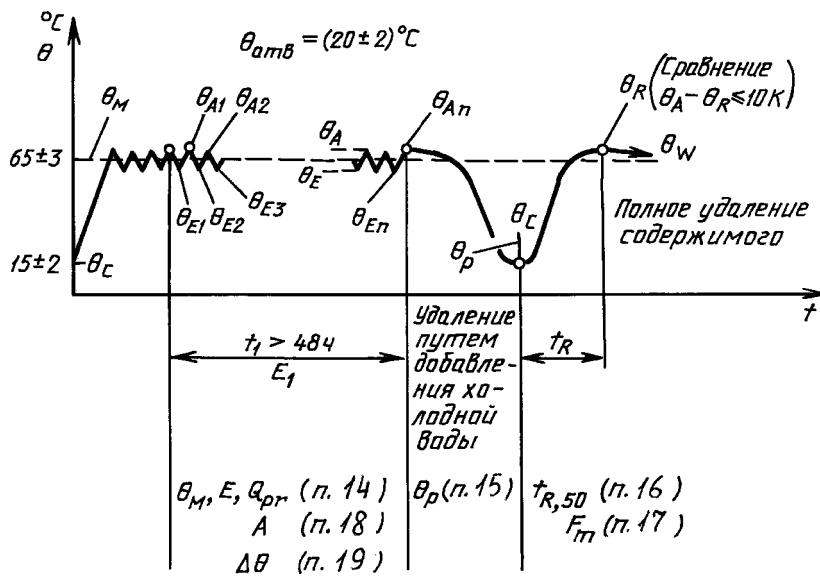
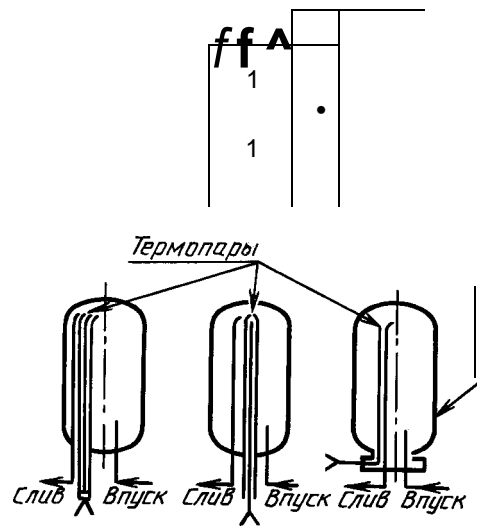


.1. 2



1 — ; 4 — ; 5 — ; 6 — ; 2 — ; 3 — -
 ; 7 — ;

.2



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« », 123995 , ., 4.
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