

# 电 蒸 汽 热 水 柜

HEATING WATER TANK BY ELECTRIFY OR STEAM

## 使用说明书

OPERATIONAL MANUAL

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## 1. 概述 Brief description

本系列热水柜用于各种船舶,该水柜适用于淡水,经蒸汽或电加热后的淡水供全船生活之用.

This series heating water tanks are used on various ships. The tank is applicable for fresh water. The heated water by steam or electric power can be supplied for all persons of the ship on living.

## 2. 主要技术参数 Main technical parameters

(1) 电蒸汽加热水柜主要技术参数如下:

The main technical parameters of the heating tank by steam or electric power are the following.

工作压力 0.4MPa  
working pressure

进水温度 15°C  
temp of inlet water

出水温度 65°C  
temp of output water

蒸汽压力 0.3 MPa  
steam pressure

容积 m <sup>3</sup> volume	蒸汽加热水量 kg/h mass of water by steam	蒸汽消耗量 kg/h mass of steam	电加热水量 kg/h Mass of water by ele	电加热功率 kw ele. power	电 源 power source
0.12	275	27.5	90	6	440V 60Hz 380V 50Hz
0.2	450	45	140	9	
0.3	750	75	180	12	
0.5	1200	120	280	18	
1.0	3250	325	360	24	

(2) 电加热水柜主要技术参数如下:

The main technical parameters of the hating tank by electric power are the following:

工作压力 0.4MPa  
working pressure

进水温度 15℃  
temp of inlet water

出水温度 65℃  
temp of output water

容积 m <sup>3</sup> volume	电加热水柜 kg/h mass of water by ele.	电加热功率 kw ele. power	电 源 power source
0.12	180	12	440V 60Hz
0.2	300	24	
0.3	540	36	380V 50Hz
0.5	900	60	

### 3. 工作原理 Operational principle

将船舶压力水柜中的淡水充满加热柜，电加热柜加热淡水至 65℃，供全船使用。

Fill the heating water tank with the fresh water, which is from pressed water tank. The water will be heated up to 65℃ for living use on the ship.

### 4. 操作方法 Operational method

(1) 打开出水阀和水柜底部泄水阀，放尽柜内存水，再关闭泄水阀。

Open the output valve of the tank and release valve at the bottom of the tank, release the remainder water in the tank, then close the release valve.

(2) 打开进水阀，向加热柜注满水。

Open the inlet valve, fill the heating water tank with the fresh water.

(3) 将温度控制器调至 65℃ 停止加热，当温度降至 55℃ 重新加热。

Adjust the thermal relay to stop heating at 65℃ and restart heating at 55℃

(4) 打开出水阀，热水即可供船上生活用。

Open the output valve, the heated water can be used as living water on the ship.