



- 100% Boiling Water, Adjustable Water Temperature
- Energy Saving 54.8%
- Power Saving 10 ~ 30%
- Timer Setting, Auto Turn-On/Turn-Off Functions
- Six-sided Full Insulation Technology
- Patented Heat Recycle Technology
- No Steam Released, No Boiling Hot Surfaces
- Cost Saving, Environmentally Friendly

- 100% 煮開, 沸騰溫度可調整
- 節能率高達 54.8%
- 更省電 10 ~ 30%
- 可調整時間, 定時開機/關機
- 六面體保溫技術
- 獨創蒸汽熱能回收
- 箱體不冒蒸汽, 不燙手
- 更省錢 更環保

#### JO-K30C

For 50 People | 可供 50 人飲用

Capacity (Litres) 水胆容量: 40  
Water Supply (Litres/Hour) 供水量: 55  
Power (kW) 功率: 3  
Electric Consumption 電源: 220V, 50Hz  
Dimensions (cm) 外形尺寸: 57 x 26 x 73



#### JO-K60C

For 80 People | 可供 80 人飲用

Capacity (Litres) 水胆容量: 40  
Water Supply (Litres/Hour) 供水量: 90  
Power (kW) 功率: 6  
Electric Consumption 電源: 380V 3N-50Hz  
Dimensions (cm) 外形尺寸: 57 x 26 x 73



#### JO-T6A A

For 10 People | 可供 10 人飲用

Capacity (Litres) 水胆容量: 13  
Water Supply (Litres/Hour) 供水量: 30  
Power (kW) 功率: 2  
Electric Consumption 電源: 220V, 50Hz  
Dimensions (cm) 外形尺寸: 42.5 x 20.5 x 62.8

#### JO-K20-2C B

For 30 People | 可供 30 人飲用

Capacity (Litres) 水胆容量: 12  
Water Supply (Litres/Hour) 供水量: 30  
Power (kW) 功率: 2  
Electric Consumption 電源: 220V, 50Hz  
Dimensions (cm) 外形尺寸: 42 x 18 x 60

#### JO-K90C C

For 100 People | 可供 100 人飲用

Capacity (Litres) 水胆容量: 55  
Water Supply (Litres/Hour) 供水量: 130  
Power (kW) 功率: 9  
Electric Consumption 電源: 380V 3N-50Hz  
Dimensions (cm) 外形尺寸: 57 x 26 x 84

#### JO-K120C A

For 150 People | 可供 150 人飲用

Capacity (Litres) 水胆容量: 65  
Water Supply (Litres/Hour) 供水量: 170  
Power (kW) 功率: 12  
Electric Consumption 電源: 380V 3N-50Hz  
Dimensions (cm) 外形尺寸: 57 x 26 x 98

#### JO-K120G-A B

Large Capacity Series | 大容量系列

Capacity (Litres) 水胆容量: 110  
Water Supply (Litres/Hour) 供水量: 180  
Power (kW) 功率: 12  
Electric Consumption 電源: 380V 3N-50Hz  
Dimensions (cm) 外形尺寸: 67 x 32 x 118

#### JO-K120G-B C

Large Capacity Series | 大容量系列

Capacity (Litres) 水胆容量: 120  
Water Supply (Litres/Hour) 供水量: 200  
Power (kW) 功率: 12  
Electric Consumption 電源: 380V 3N-50Hz  
Dimensions (cm) 外形尺寸: 67 x 32 x 118



#### JO-K150G-A

Large Capacity Series | 大容量系列

Capacity (Litres) 水胆容量: 180  
Water Supply (Litres/Hour) 供水量: 280  
Power (kW) 功率: 15  
Electric Consumption 電源: 380V 3N-50Hz  
Dimensions (cm) 外形尺寸: 100 x 36 x 118

#### JO-K150G-B

Large Capacity Series | 大容量系列

Capacity (Litres) 水胆容量: 200  
Water Supply (Litres/Hour) 供水量: 300  
Power (kW) 功率: 15  
Electric Consumption 電源: 380V 3N-50Hz  
Dimensions (cm) 外形尺寸: 100 x 36 x 118

#### JO-K180G

Large Capacity Series | 大容量系列

Capacity (Litres) 水胆容量: 220  
Water Supply (Litres/Hour) 供水量: 330  
Power (kW) 功率: 18  
Electric Consumption 電源: 380V 3N-50Hz  
Dimensions (cm) 外形尺寸: 100 x 36 x 118

AUTHORISED DEALER | 授权分销商

CERTIFICATES | 证书



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# SPECIAL FEATURES OF BILI® WATER BOILER

## 碧丽开水器产品特点



### 01 PATENTED HEAT RECYCLE TECHNOLOGY 蒸汽热能回收

When the water in the boiler boils, all the hot steam produced is channeled to the heat exchanger and condensed by the incoming tap water. In the heat exchanger, the heat energy produced by the steam is thoroughly absorbed by the tap water, directly heating the water as it fills the tube. The steam is then cooled and liquefied before flowing out of the tube as condensed water. Hence, no steam is released to the environment and the heat loss is lowered significantly. The application of the patented BILI heat exchanger can increase the incoming water temperature by 10 – 30°C before it reaches the water tank for boiling, saving approximately 10 – 30% of power usage.

水烧开会产生蒸汽。本开水器特设蒸汽热能回收装置，即蒸汽经热能换热器冷却，被冷凝成水，其汽化的热能被自来水吸收，并加热进水，使进水温度提高10~30°C，完全杜绝了普通开水器蒸汽腾腾的现象。采用蒸汽热能回收器，可以省电10~30%。

### 02 SIX-SIDED SEAMLESS THERMAL INSULATION 六面体全保温

Using BILI innovative technology, the six-sided interior of the boiler is insulated perfectly, including the upper lid. BILI water boiler thermal insulation can greatly reduce over 20 – 30% of the heat loss compared with other water boilers. With BILI thermal insulation layers, the outer case is cool to the touch, making our water boilers suitable to be used at places with children because customers' safety is important to us.

全聚氨酯保温，连顶部上盖也发泡保温，与普通无保温开水器相比，可以减少热能损失20~30%，用手摸开水器外壳，不烫手！完全杜绝了普通开水器外壳烫手的现象。

### 03 INTELLIGENT BOILING SYSTEM 定时开关机，微电脑控制

The BILI water boiler is installed with microcomputer where users can set the time to Turn-On and Turn-Off the boiler. It only takes 5 minutes to boil the water every time it is turned on. Smart and convenient.

可设定开关机时间。第一次开机后，5分钟即有开水饮用。

### 04 PATENTED TECHNOLOGY, EXCEPTIONAL QUALITY 专利科技，高效率高品质

BILI in-house R&D and technology used in our products have received 65 patents, ISO9001 (QMS), ISO14001 (EMS), OHSAS18001, CQC, CCC certificates and more. BILI water boilers integrate the application of advanced sensors and intelligent circuit board to ensure high efficiency and exceptional quality.

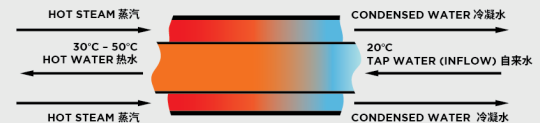
碧丽研发的双聚能步进式开水器拥有国家专利65项，ISO9001质量体系认证，ISO14001环境体系认证，OHSAS18001职业健康安全管理体系，产品更具有CCC，CQC认证，也得到中国国家卫生部的卫生许可批件。碧丽开水器结合了先进优越的传感器和智能电路板，提供世界级品质和效率。

### 05 CONTINUOUS BOILING 步进加热，即开即饮，连续供水

Since the incoming water has been pre-heated before filling the tank, the BILI water boiler will only start to heat the water automatically when it triggers the Low Water Level Sensor. This is to ensure the boiled water does not mix with the incoming tap water and to prevent unhealthy re-boiling. As the water boiler is well-insulated, the hot water is continuously supplied at the designated temperature. Customers do not have to wait to enjoy their favourite hot drinks.

自来水经蒸汽热能回收器预热后，在进入水箱底部，进水量达到低水位控针后，马上通电加热，即开即饮，并分层煮开，完全杜绝了普通开水器生水混合，千沸水的现象。

ILLUSTRATION OF STEAM (HEAT) RECYCLE DEVICE 蒸汽回收装置原理图



## ILLUSTRATION OF WATER BOILER STRUCTURE 饮水机结构原理图

As illustrated in the Diagram, the incoming tap water first enters the water boiler through the electromagnetic valve, passes through the heat exchanger tube and finally reaches the bottom of the water tank. When the water triggers the Low Water Level Sensor, the heating element will initiate the boiling process. The water takes about 5 minutes to boil. The water is refilled using the 'Step-by-Step' boiling technique, where tap water is controlled by the electromagnetic valve. The second batch of incoming water will begin to fill the tank when the boiling water is reduced to the Low Water Level.

For instance, to increase 1°C of 1 litre of water requires 1 kCal (kilocalories), whereas 539 kCal are needed to evaporate 1 litre of boiling water to hot steam. Hence, by condensing 1 kg of hot steam can recover 539 kCal of energy. Utilizing the steam produced to heat the tap water, the electricity usage is reduced significantly, saving nearly 0.65 kWh.

如图所示，自来水经电磁阀，热能换热器，进水管组件后，再进入水箱底部，当水位达到低水位电极后，马上通电加热，约5分钟可煮开，然后步进进水，逐层煮开。沸腾蒸汽经热能换热器内外管之间的环隙，被冷却成冷凝水排出。

从水蒸汽特性图可以得出，把1公升水加热升高1°C，需要1千卡的热能，而把1公升水沸腾变成蒸汽需要539千卡的热能，所以冷切1KG的蒸汽，可以回收539千卡的热能，相等于节约0.65度电。

