

# 格力蒸汽洗车机

GREE STEAM CAR WASHER

# 1升水可洗1台车

1 L O F W A T E R F O R 1 C A R



节水环保

Economize on water



高温杀菌

High temperature sterilization



全车精洗

Sperm washing



简单高效

Easy & Efficient



安全保护

Security protection



时尚外观

Stylish appearance





格力蒸汽洗车机

# 开启节水洗车时代

Gree Steam Car Washer—Opening a new age of water-saving car washing

## 产品简介 Product Introduction

### 蒸汽热降解原理, 开启节水洗车时代

Take advantage of the principle of steam thermal degradation to open a new age of water-saving car washing.

蒸汽洗车机, 是一种超低污水排放的新型洗车机, 高温高压蒸汽既可消毒, 又可除污, 有独特的热分解功能, 能迅速的化解泥沙和污渍的粘黏性质, 让其脱离附沾的汽车表面达到清洗的目的。

在蒸汽热降解的同时, 蒸汽喷射出来的低温蒸汽压力冲击波等同于行车速度时的90-100公里时速, 使沾粘在车漆表面的污染物体一扫而光, 然后用布轻轻一抹, 车身洁净一新, 达到节水环保洗车。

Steam car washer is a new type of washing machine with ultra-low sewage discharge. High temperature and high pressure steam can be disinfected and decontaminated, which has the unique function of thermal decomposition and can quickly dissolve the sticky properties of sediment and stains, so that it can be canted away from the attached car surface for cleaning purposes. Meanwhile, the low-temperature pressure shock wave jetted from the steam is equate with the driving speed of 90-100 km/h, the pollutants adhering to the vehicle finish can be easily swept away, and then gently wipe with a cloth to make the car return bright and clean as new.



# ONE 节水环保

WATER SAVING FOR ENVIRONMENT PROTECTION

**1L水，可洗1台车<sup>①</sup>**  
1L of Water for 1 Car

传统洗车, 洗一台车大约需要 100 多升水, 产生大量的污水、废水, 格力蒸汽洗车机专为节水环保而生, 最低 1L 水, 可洗 1 台车, 平均每台汽车耗水量是 20L<sup>②</sup>, 无需清洗剂, 几乎不产生污水、废水, 省水 90%, 有效减少水资源浪费。

Traditionally, washing a car need 100L of water, and a large amount of sewage and wastewater were generated. Whatever, Gree Steam Car Washer is specially designed for water-saving and environment-protecting. At least 1L of water, can wash 1 car. The average water consumption per car is 20L, no need for cleaning agents, almost no sewage, waste water, and 90% water saving, effectively reducing the water loss.

## 传统洗车 VS 蒸汽洗车

TRADITIONAL CAR WASH VS STEAM CAR WASH

100分钟 (min)	<b>时间</b> Time	20分钟 (min)
100升/台 (L per car)	<b>水量</b> Water consumption	1升/台 <sup>①</sup> (L per car)
需要 (Need)	<b>清洗剂</b> Cleaning agent	不需要 (No)
¥4	<b>费用</b> Fee	¥0.04

以洗车行40元/立方米水费计算, 注: 一立方米等于1000升  
Calculated based on the Wash: ¥40/m (1m=1000L)

<sup>①</sup> 需满足以下条件:  
Meet the following conditions:

- 汽车排量≤1.6L (自然吸气) 的小型汽车  
The displacement of a small car ≤1.6L (naturally aspirated)
- 车龄≤3年, 清洗周期≤1个月  
Vehicle age ≤3 years, cleaning period ≤1 month
- 车身表面脏度一般 (没有沥青、油漆、树脂等粘附力较强的污垢)  
Autobody surface is generally dirty (no asphalt, paint, gum and other strong adhesion)

<sup>②</sup> 需满足以下条件:  
Meet the following conditions:

- 五座及以下城市用车  
City car ≤ Five-seat
- 没有沥青、油漆等粘附力超强污垢、树胶、泥巴面积与车身表面占比 ≤30%  
Vehicle age ≤6 years, cleaning period ≤3 month No asphalt, paint, gum and other strong adhesion
- 车龄≤6年, 清洗周期≤3个月  
The area of mud and autobody surface is ≤30%

# 蒸汽洗车 10大优势

Ten advantages of Steam Car Washer



**2** 蒸汽热降解去污效果显著  
Steam thermal degradation ensures a remarkable decontamination effect

**3** 柔和蒸汽不会损伤车身  
Soft steam that will not damage car body

**4** 室内蒸汽桑拿杀菌去毒  
Indoor steam sauna kills bacteria

**5** 汽车空调口除臭威力无穷  
Strong deodorization effect for the air-conditioner inlet

**6** 含水量少, 不伤电路  
内部清洗高效快捷  
Less moisture content, no damage to internal circuit, quick and efficient

**7** 车身、发动机深层去污  
干净、彻底  
Deep decontamination of the body and engine

**8** 蒸汽有效分解油污  
发动机污垢一扫而光  
The steam effectively decomposes oil and dirt on engine parts

**9** 蒸汽快速挥发无残留  
不产生水腐蚀  
Steam quickly volatilizes without residue and does not produce water corrosion

**1** 节约用水 (90%)  
保护环境  
Water-saving (90%) and environment-protecting

**10** 数码显示屏  
工作状态看得见  
Working state is visible on the digital display screen



## TWO 高温杀菌

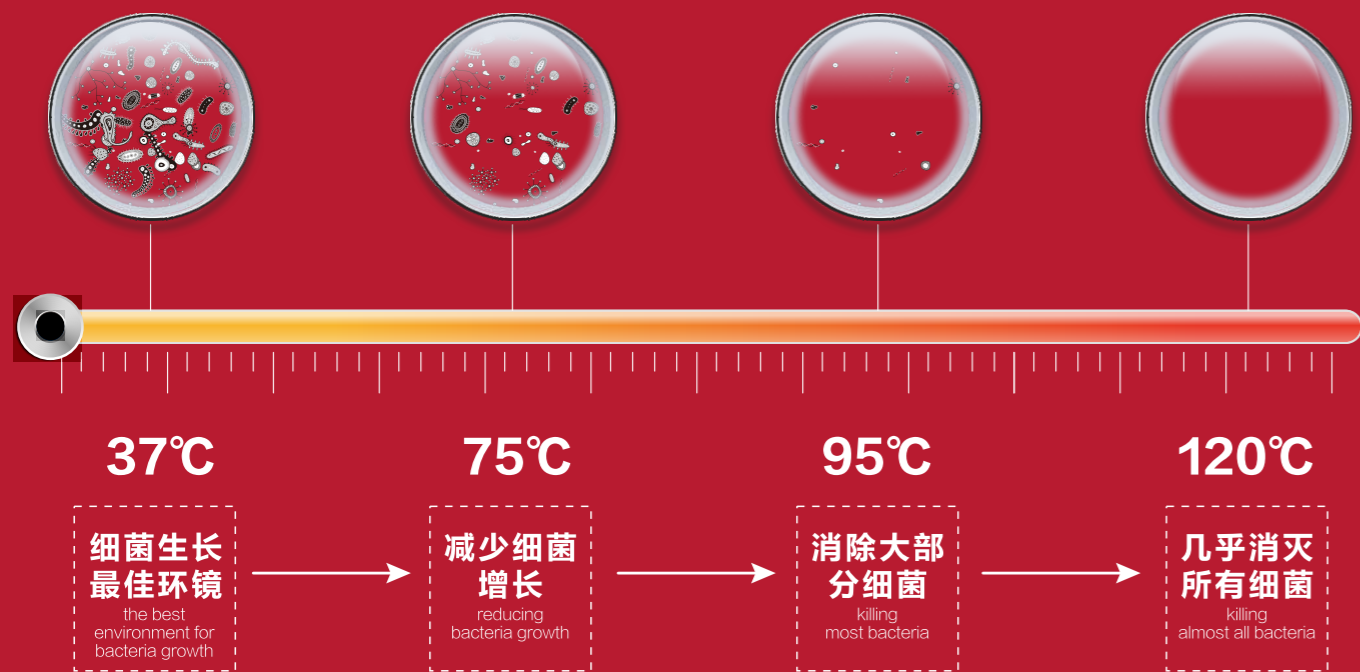
HIGH TEMPERATURE STERILIZATION

### 120°C高温 杀菌更彻底

Effective pasteurization at 120°C

高温蒸汽对车内清洗，既可除污，又可杀菌。洗车机喷出的蒸汽温度在 90°C 以上，最高可达 120°C，能将车内的细菌杀灭干净，杀菌更彻底，达到健康的要求，让车内真正干净卫生。

Utilizing high temp. steam for in-car cleaning, to remove the stains and bacteria more efficiently. The steam temp. from the washer is above 90°C, sometimes top to 120°C for a more thorough cleaning.



## THREE 全车精洗

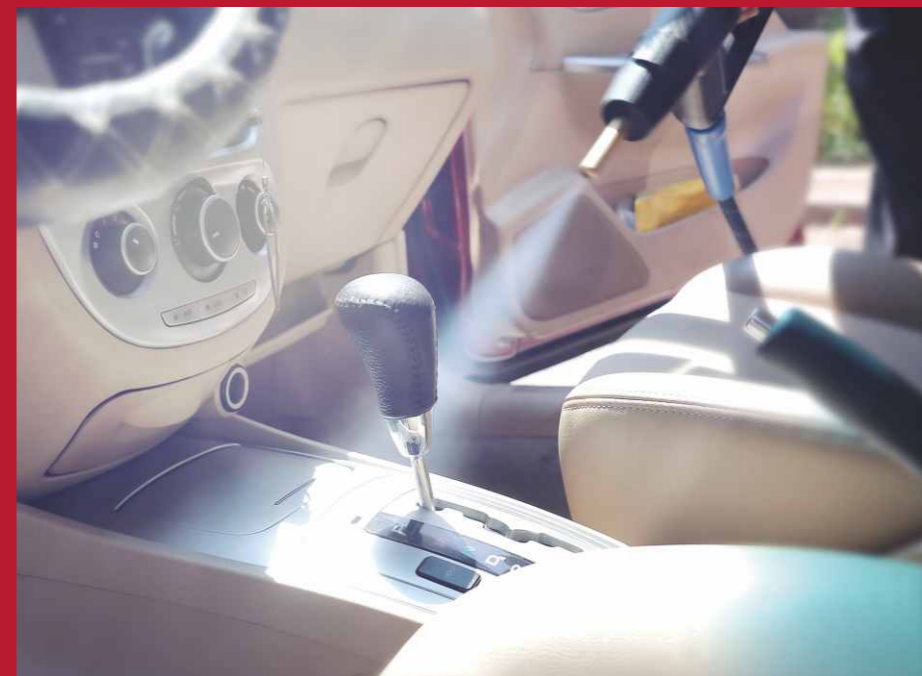
Elaborate Car Cleaning

### 发动机一步清洗

One step engine cleaning

传统水洗由于洗剂的局限性，难以清除汽车发动机箱里面的油污，还容易造成电路短路隐患；本产品创新设计蒸汽加湿阀，可有效控制蒸汽的湿度，使蒸汽水份变少，对发动机舱进行点对点清洗，轻松化解油污灰尘，不产生积水，不损伤电路。

Traditional washing is difficult to clean up the oil in the engine because of the limitation of the detergent, and is easy to cause a short circuit. This product is innovatively designed with steam humidification valve, which can effectively control the steam humidity and reduce the moisture content, to easily dissipate oil and dirt, with no water and no harm to circuit.



### 清洗彻底无死角 360°全车洁净

Cleaning thoroughly without corners  
360° cleaning the vehicle

蒸汽含水量少，能到达角落、缝隙等部位，将不易清洗和擦拭到的车门密封橡胶圈内缝、塑料件接缝处等缝隙清洗干净。同时蒸汽能有效清洗汽车空调，驱除空调异味，净化空调；尤其适合清洗地毯脚垫等编织物纤维毯，无需水洗烘干，去污效果明显。

With low water content in steam, can reach the parts like corners and cracks, and clean the inseams of door rubber ring and joints of plastic parts, which are difficult to clear. At the same time, steam can effectively clean automotive air conditioning, remove its off-flavor and purify it; especially suitable for cleaning the knitted fabric fiber blankets like carpet mats, without washing and drying, and the decontamination effect is obvious.



## 20 分钟洗净车

The car can be cleaned in 20 minutes

传统精洗费时费力，需多名洗车工合作清洗 1 台车。经实验证明，格力蒸汽洗车机 20 分钟即可洗净一台车。边洗边擦，一个流程就能将车清洗干净，有效提高工作效率，缩短车主等待时间。

The traditional fine cleaning takes time and effort, and requires more than one car washer to clean one car in cooperation. It has been proved by experiments that Gree steam car washing machine can clean a car in 20 minutes. Washing and wiping at the same time, just one process can clean a car, effectively improving work efficiency and shortening the waiting time of the car owner.



## 30L 大容量水箱

### 缺水自动补

30L large-capacity water tank

30L 大容量水箱，不连接水管也可畅快洗车。连接水管，水箱水量还可自动补充。

With 30L large-capacity water tank, the car can be washed without connecting the water pipe. When connecting the water pipe, water tank can also be automatically replenished.

## FIVE 安全保护

SAFETY PROTECTION

### 多重保护装置，保障整机使用安全

Multi-protection device to ensure the safety of the whole machine

经严格检测，格力蒸汽洗车机各项指标均符合国家相关制造标准。配备电子压力传感器与机械式泄压阀，双重压力保护，确保人机安全。三重防干烧监测系统自动监测液位与温度，全方位保障设备安全高效运行。

After strict testing, all the indexes of Gree steam car washer conform to the relevant National manufacturing standards. Equipped with electronic pressure sensor and mechanical relief valve, dual pressure protection to ensure human-machine safety. The triple anti-dry-burning monitoring system automatically monitors the liquid level and temperature, ensuring the safe and effective operation of the machine in an all-round way.

#### 双重压力保护装置

#### 保护蒸汽洗车机内部压力处于安全范围，排除隐患

Dual Pressure Protection Device  
Protecting the internal pressure of steam washing machine in a safe range, eliminating hidden dangers



电子压力传感器（软件控制）  
Electronic pressure sensor (software control)



机械泄压阀  
Mechanical pressure relief valve

#### 更多保护装置

More protection devices



硅胶套管  
（防烫伤）  
Silicone rubber sleeve  
(anti-scald)



限温断电  
（整机安全）  
Temperature-limited power off  
(whole-machine safety)



限压超闸  
（压力平衡）  
Pressure-limited over switch  
(pressure balance)



智能提示  
（方便快速修复）  
Intelligent tips  
(convenient and repair quickly)



耐温绝缘电源线  
（有效隔水、尘、湿）  
Heat resistant and insulated power wire  
(effectively isolating water and dust)

## FOUR 简单高效

EASY AND EFFECTIVE

## 显示屏

Display screen

### 数码显示屏 工作状态看得见

Working state is visible on the digital display screen

数码显示屏实时显示洗车机工作状态，水位以及蒸汽情况一目了然。

It shows the real-time working state of the car washing machine, so water level and steam condition are clear at a glance.

# SIX 时尚外观

STYLISH APPEARANCE

## 原创设计，让洗车更高端

Original design to make car washing more advanced

与传统洗车机外观不同，格力洗车机设计灵感来源于跑车，经典红黑搭配，流畅的机身与硬朗棱线，让人眼前一亮。在业内首创大彩屏显示、人性化把手、万向脚轮，让洗车更顺畅，同时给车主带来高端的洗车服务。

Different from the appearance of traditional car washing machine, the design inspiration of Gree car washing machine comes from sports car, classic match of red and black, smooth body and hard edges, letting people's vision shine. The first large color screen in the industry, humanized handles and universal casters make car washing more smoothly, and bring high-end car washing service to car owners at the same time.



设计灵感  
来源于跑车

Design inspiration comes from sports car



## 更多清洗领域

More cleaning areas



## 技术参数表

Technical Parameters

产品型号 Product Model	GA1403D	额定水箱容量 (L) Rated Tank Capacity	30
额定输入电压 (V~) Rated Input Voltage	380V/220V (建议/Suggest 380V)	耗水量 (L/min) Water Consumption	无加湿 without humidification 0.16 开加湿 with humidification 0.36
额定输入频率 (Hz) Rated Input Frequency	50	净重 (Kg) Net Weight	90
额定输入功率 (KW) Rated Input Power	6	防水等级 IP Rating	IPX4
接线方式 Connection Mode	三相五线 / Three-phase five-wire	机身尺寸 (长x宽x高) (mm) Dimension (LxWxH)	1081x736x881
正常工作压力 (MPa) Normal Operating Pressure	0.6-0.8		
喷枪口蒸汽温度 (°C) Steam Temp. of Spray Gun	95-110		

\* 以上参数均在温度25° C，相对湿度60%，压力1005.4hPa环境下测得。不同环境下参数可能存在差异。

The above parameters are measured at a temperature of 25 ° C, a relative humidity of 60%, and a pressure of 1005.4 hPa. There may be a different in parameters in different environments.

\* 性能参数如有变更，则以铭牌提供的数据为准。

Please take the data of the nameplate as the foremost for any parameters changes.



- 产品在设计规格、功能、性能技术参数及外观结构等方面可能有所变动，恕不另行通知，请以实机为准。  
The design specification, function, technical parameters and appearance structure of the product may be changed without prior notice, so please see the subject produce.
- 本宣传品已经校对，但仍可能存在错漏，印刷过程可能导致产品图片颜色和实际产品略有差别，敬请原谅。  
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Relevant technical parameters should be based on data measured by state-approved labs.
- 印刷如有更新，过期广告一律作废。  
If the printing is updated, the expired advertisements will be void.

珠海格力智能装备有限公司

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