

产品规格书

Product Specification

产品名称 (Product Name): 冷水布艺清洗机 (Cold Water Spot Cleaner for Fabrics)

产品型号 (Model): VC265-2

品牌 (Brand): UNION (英翎科技)

用途: 本规格书详细规定了 UNION 冷水布艺清洗机的产品参数、性能指标、材质要求、外观尺寸、使用条件及质量标准, 作为产品生产、检测、销售及售后的依据, 适用于海外 B 端采购商、国内经销商及生产检测部门。

Purpose: This specification details the product parameters, performance indicators, material requirements, appearance and dimensions, operating conditions, and quality standards of the UNION Cold Water Fabric Cleaner. It serves as the basis for product manufacturing, inspection, sales, and after-sales service, and is applicable to overseas B-end buyers, domestic distributors, as well as production and testing departments.

一、产品概述 (Product Overview)

本产品为 UNION 自主研发生产的冷水布艺清洗机, 采用独立洗涤液水箱, 轻便易操作, 具备强劲吸力、多场景清洁、长续航等核心优势, 可广泛应用于家庭、办公室、汽车等场景, 适配木地板、地毯、沙发、床垫等多种清洁需求, 支持 OEM/ODM 定制, 满足全球客户多样化采购需求。

This product is a **cold water fabric cleaner independently developed and manufactured by UNION.**

It features a separate detergent tank, is lightweight and easy to operate, with core advantages including strong suction, multi-scenario cleaning, and long battery life. It can be widely used in households, offices, automobiles and other scenarios, suitable for cleaning wood floors, carpets, sofas, mattresses and various surfaces. OEM/ODM customization is supported to meet the diversified purchasing needs of global customers.

二、核心技术参数 (Core Technical Parameters)

参数名称 (Parameter Name)	参数值 (Parameter Value)	单位 (Unit)	备注 (Remarks)
额定电压 / 频率 (Rated Voltage / Frequency)	AC 220-240 / 50-60	V / Hz	可定制 (Customizable) AC110-127V
电机功率 (Motor Power)	450	W	
开关 (Power switch)	电子开关 (Electronic switch)	-	
显示屏 (Display Screen)	LED 电子屏 (LED display screen)	-	
真空度 (Vacuum Degree)	16	kPa	强力档实测值 (Power Mode Measured Data)
喷水量 (Water spray volume)	600	mL / min	
清水箱容量 (Clean water tank capacity)	1.0	L	可拆洗 (Detachable and washable)
洗涤液水箱容量 (Detergent tank capacity)	0.15	L	可拆洗 (Detachable and washable)
污水箱容量 (Waste water tank capacity)	0.7	L	可拆洗 (Detachable and washable)
过滤系统 (Filter System)	不锈钢网 (Stainless steel mesh)	-	过滤水杂质防堵喷嘴 (Filters water impurities to prevent nozzle clogging)
电源线总长 (Total length of power cord)	4.2	M	
电源线规格 (Power cord specification)	0.5mm ² *2	mm ²	
噪音等级 (Noise Level)	≤80	dB	
软管长管 (Hose length)	1.2	M	
适用温度 (Operating Temperature)	-20~45	°C	正常工作环境温度 (Operating Temp)

三、产品尺寸与外观 (Product Dimensions & Appearance)

3.1 尺寸参数 (Dimensions)

尺寸名称 (Dimension Name)	尺寸值 (Dimension Value)	单位 (Unit)
产品尺寸 (Product Size)	350*170*290	mm
包装尺寸 (Packing Dimensions)	360*225*310	mm
毛净重量 (G.W/N.W.)	3.8 / 3.3	kg
装箱数台 (Quantity Per Carton) / 20', 40', 40' HQ	1090 / 2240 / 2560	Unit

3.2 外观要求 (Appearance Requirements)

- 机身颜色: 默认黑+灰; 白+灰 注塑色 (可根据客户需求定制颜色和喷漆色)
- 表面工艺: 上壳光亮质感, 底座磨砂, 无划痕、无凹陷、无掉漆, 边角圆滑无毛刺
- 标识要求: 机身印有 UNION 品牌 LOGO, 清晰可辨; 产品型号、额定参数等标识完整、规范

- Body Color: Default black + gray; white + gray (injection molding color). Custom colors and spray painting available upon customer request.
- Surface Finish: Upper casing with glossy finish, base with matte finish; no scratches, dents or paint peeling. Rounded edges and corners without burrs.
- Marking Requirements: UNION brand logo printed on the body, clear and legible. Product model, rated parameters and other markings complete and standardized.

四、产品配件 (Product Accessories)

配件名称 (Accessory Name)	数量 (Quantity)	材质 (Material)	用途 (Purpose)
主机 (Main Unit)	1 PCS	ABS 工程塑料+金属 (ABS engineering plastic + metal)	核心工作部件 (Core Working Components)
2合1刷 (2-in-1 brush)	1 PCS	ABS+尼龙刷毛 (ABS + nylon bristles)	清洁木地板、瓷砖、织物、沙发、床垫、玻璃等平面 (Cleans flat surfaces such as wooden floors, tiles, fabrics, sofas, mattresses, glass, etc.)
小刷 (Small brush)	1PCS	ABS+尼龙刷毛 (ABS + nylon bristles)	清洁木地板、瓷砖、织物、沙发、床垫等平面 (Cleans flat surfaces such as wooden floors, tiles, fabrics, sofas, mattresses, etc.)
收纳挂架 (Storage hanger)	1 PCS	ABS	收纳软管 (Storage hose)
洗涤液 (Cleaning solution)	1 PCS	-	选配有洗涤液 (Cleaning solution is optional.)
软管 (Plastic Extension Tube)	1 PCS	PC	连接主机和刷头 (Connects the main unit and the brush head)
说明书 (User Manual)	1 PCS	铜版纸 (Art Paper)	指导使用与维护 (Guides operation and maintenance)

五、性能指标 (Performance Indicators)

- 清洁性能:** 强力档可高效溶解并吸除布艺深层污渍、水渍、宠物异味，地毯、沙发、床垫深度清洁无残留；标准档适配日常布艺表面清洁，节能档适合轻度污渍长时间清洁。
- 电机性能:** 有刷电机使用寿命 ≥ 500 小时，运行稳定，无明显异响。
- 过滤效果:** 不锈钢过滤网可过滤 $\geq 0.06\text{mm}$ 的细小颗粒，过滤效率 $\geq 99\%$ ，有效防止堵塞喷头。
- 操作性能:** 一键开关机，模式调节便捷；机身轻量化设计，长时间握持无疲劳感；超强吸力，清洗洁净。
- 水路性能:** 独立水路设计，清水/污水分仓无回流，避免交叉污染；喷水压力稳定，出水量均匀，无漏水、滴水现象，独立洗涤液水箱，让用户清洗和漂洗更方便。
- 吸力稳定性:** 额定电压下，整机吸力波动 $\leq 5\%$ ，持续工作吸力无明显衰减。
- Cleaning Performance:** The strong mode efficiently dissolves and absorbs deep stains, water marks and pet odors from fabrics, ensuring residue-free deep cleaning for carpets, sofas and mattresses; it can handle daily fabric surface cleaning and light stains with one machine.
- Motor Performance:** The brushed motor has a service life of ≥ 500 hours, runs stably without obvious noise.
- Filtration Effect:** The stainless steel filter screen can filter fine particles $\geq 0.06\text{mm}$ with a filtration efficiency of $\geq 99\%$, effectively preventing nozzle clogging.
- Operation Performance:** One-key on/off, convenient mode adjustment; lightweight body design, no fatigue when held for a long time; ultra-strong suction for thorough cleaning.
- Waterway Performance:** Independent waterway design, clean water and dirty water are stored in separate tanks without backflow, avoiding cross-contamination; stable water spray pressure, uniform water output, no water leakage or dripping. Equipped with an independent cleaning solution tank for more convenient cleaning and rinsing.
- Suction Stability:** Under rated voltage, the overall suction fluctuation is $\leq 5\%$, with no obvious attenuation of suction during continuous operation.

六、质量标准 (Quality Standards)

6.1 质量标准 (Quality Standards)

- 符合 ISO 9001 质量管理体系认证
- 符合 CE、RoHS、FCC 等国际认证标准，可出口全球市场
- 产品合格率 $\geq 99.5\%$ ，每台产品出厂前经过严格的性能检测、外观检测及安全检测
- 保修期：1年（电机保修6个月），保修期内非人为损坏可免费维修或更换配件
- Compliant with ISO 9001 Quality Management System Certification
- Meets international certification standards including CE, RoHS and FCC, suitable for global export
- Product qualification rate $\geq 99.5\%$. Each unit undergoes strict performance, appearance and safety inspection before delivery
- Warranty: 1 year (6 months for motor). Free repair or replacement of parts is provided for non-human-caused damage within the warranty period

七、使用与维护 (Usage & Maintenance)

7.1 使用注意事项 (Usage Notes)

- 使用前请确认通电正常，避免中途断电影响清洁效果。
- 请勿吸入易燃、易爆、腐蚀性物质及大颗粒硬物，以免损坏电机。

- 清洁过程中若出现异响、异味或过热，应立即关机，断开电源，联系售后检测。
- 儿童及宠物请在成人监护下使用，避免误操作造成伤害。
- 请勿将产品浸入水中，避免进水导致短路故障。
- Please ensure the power supply is normal before use to prevent power interruption during operation from affecting the cleaning effect.
- Do not inhale flammable, explosive, corrosive substances or large hard particles to prevent motor damage.
- If abnormal noise, odor or overheating occurs during use, stop the machine immediately, disconnect the power supply and contact after-sales service for inspection.
- Use only under adult supervision when children or pets are present to prevent injury from improper operation.
- Do not immerse the product in water to avoid short circuit caused by water ingress.

7.2 维护方法 (Maintenance Methods)

- 水杯清洁: 每次使用后，拆卸水杯，倒掉污水，用清水冲洗后再装回。
- 不锈钢滤网维护: 每 2-3 次使用后，取出不锈钢滤网，冲洗不锈钢滤网的杂质，洗干净后装回；如有变形及时更换。
- 机身清洁: 用干布擦拭机身表面，避免用湿布擦拭电机。
- Clean the water tank: After each use, remove the tank, empty the dirty water, rinse it with clean water, and reinstall it.
- Stainless steel filter maintenance: After every 2-3 uses, take out the stainless steel filter, rinse off impurities, clean it thoroughly, and put it back; replace it promptly if deformed.
- Body cleaning: Wipe the body surface with a dry cloth, and avoid wiping the motor with a wet cloth.

八、包装与运输 (Packaging & Transportation)

8.1 包装要求 (Packaging Requirements)

- 单台包装: 彩合纸箱包装，内置防震纸塑，防止运输过程中碰撞损坏。
- Single Unit Packaging: Packed in color carton with shockproof paper-plastic inside to prevent collision damage during transportation.

8.2 运输要求 (Transportation Requirements)

- 运输方式: 海运、空运、陆运均可，根据客户需求选择
- 运输条件: 避免暴晒、雨淋、剧烈碰撞，运输温度控制在-20~50°C
- Transportation: Sea, air and land transport are available, selectable according to customer requirements.
- Transportation Conditions: Avoid direct sunlight, rain and severe collision. Transportation temperature shall be controlled at -20~50°C.

九、联系方式 (Contact Information)

地址 (ADD): 江苏省苏州市吴中区临湖镇平安路 418 号

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Note: If there are any changes to the content of this specification, we will notify you separately. The final interpretation right belongs to UNION Technologies Suzhou Co., Ltd.

附图 1

主机图片 (Main Unit Image)	配件图片 (Accessories Image)	可选配件图片 (Optional Accessories Image)
		