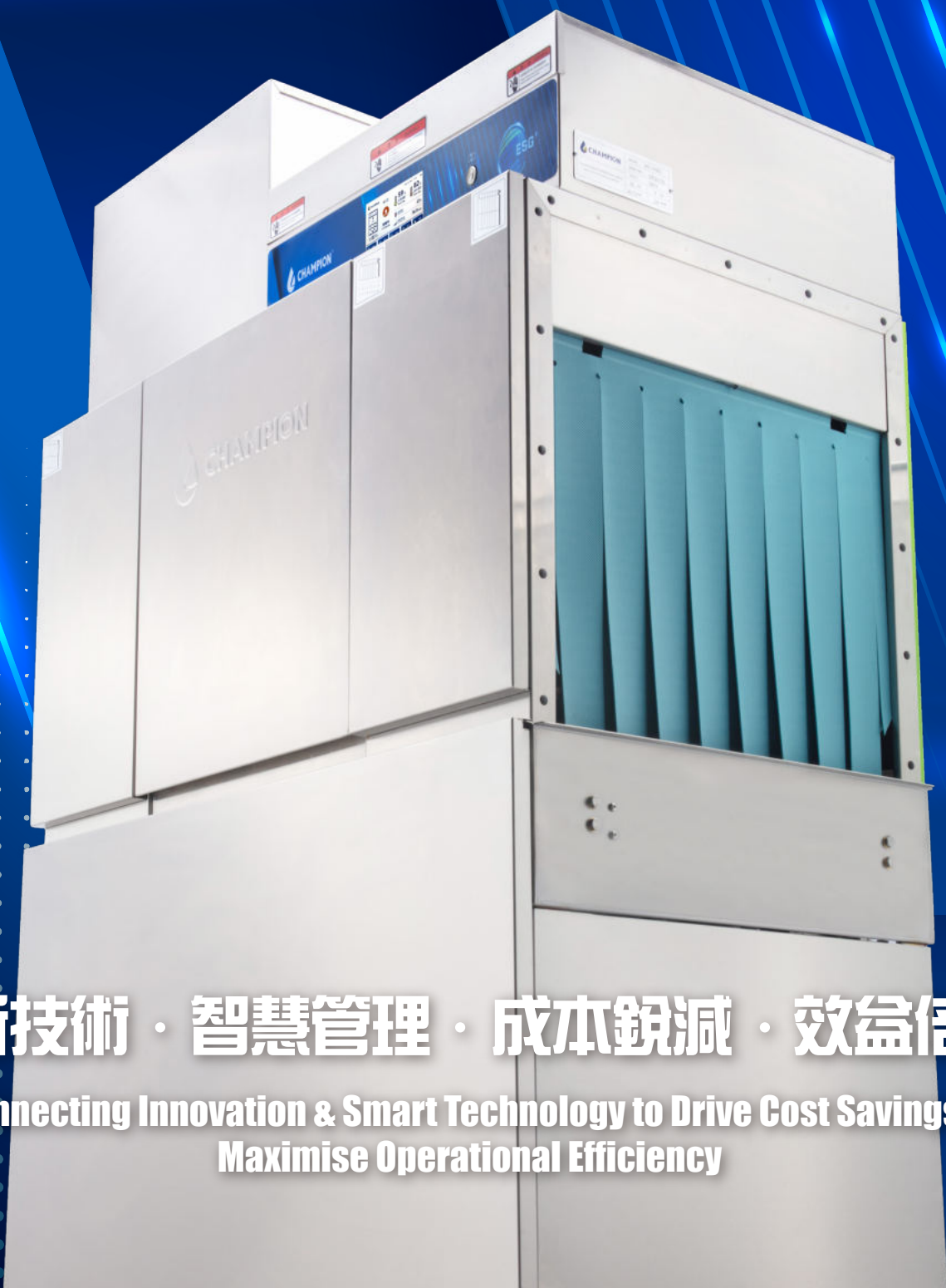
CHAMPION®

AS-44B(G) | 智慧型單缸運輸帶式洗碗碟機 (熱回收)

SMART SINGLE TANK CONVEYOR TYPE DISHWASHER (HEAT RECOVERY)



創新技術 · 智慧管理 · 成本銳減 · 效益倍增

Connecting Innovation & Smart Technology to Drive Cost Savings & Maximise Operational Efficiency

AS-44B(G)

產品描述
Product Description

CHAMPION AS-44B(G) 智慧型單缸運輸帶式洗碗碟機，搭載多項專利技術及智慧管理系統，包括革新的第二代專利熱回收系統，提供符合國際標準的高效清潔效能。以永續綠色營運模式，助您輕鬆應對繁忙清洗需求，為現代餐飲業實現最大成本效益。

The CHAMPION AS-44B(G) is a single tank conveyor type dishwasher featuring multiple patented technologies and a smart management system, including an innovative 2nd generation patented heat recovery system, offering high cleaning efficiency that meets international standards. It optimises cost-effectiveness for the modern food and beverage industry while supporting your green operational goals.

為什麼選擇 AS-44B(G) ?
Why to choose AS-44B(G) ?

省成本 : 每年節省能源費用超過65%，同時降低人力管理成本
Cost Savings : Save over 65% on energy costs annually while reducing labor management expenses

省時間 : 智慧故障診斷與遠端維護功能，提升維護效率
Time Savings : Smart fault diagnosis and remote maintenance features enhance maintenance efficiency

省心 : 原廠保養及售後維護，確保及時全面的技術及零件支援
Peace of Mind : Genuine warranty coverage ensures timely and comprehensive technical and parts after-sales services and support

創新技術 • 提升效能

Cutting-edge Technology • Enhanced Cost Effectiveness

瀞磁™智能變頻主洗泵

消除傳統機械軸承摩擦，有效減少流體阻力，輸出馬力比傳統電機提升高達150%，透過動態調整轉速，實現十段清洗力度精細調節，滿足多樣化清洗需求，同時採用先進的氧化鋯陶瓷密封技術，有效降低故障率及能耗，提升整體效能

CleanMag™ Smart Motorpermanent

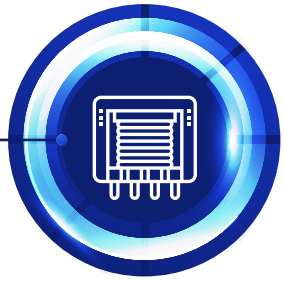
Eliminates friction from traditional mechanical bearings, effectively reducing fluid resistance, and achieve an 150% increment in output power compared to the traditional motors. Dynamic speed adjustment allows for ten levels of cleaning intensity control, meeting diverse cleaning needs. Utilizing advanced zirconia ceramic sealing technology, it effectively lowers failure rates and energy consumption while optimizing overall performance

CHAMP-BOX™無觸式繼電器

抗濕氣設計，穩定耐用，避免傳統繼電器因氧化導致接觸不良，在極端環境中仍能穩定工作

CHAMP-BOX™ Contactless Relay

Humidity-resistant design for stability and durability. Prevents oxidation-related contact failure, ensuring reliable operation in extreme environments



CHAMP-X™活塞脈衝陶瓷智能分配器

採用油井抽取原油的往復式活塞泵技術，並以高硬度的氧化鋯陶瓷作為主材，實現0.1ml精準分配，大幅降低清潔劑浪費，輕鬆維持穩定高效的清洗效果，壽命高達10年

CHAMP-X™ Smart Pulsed Signal Injector

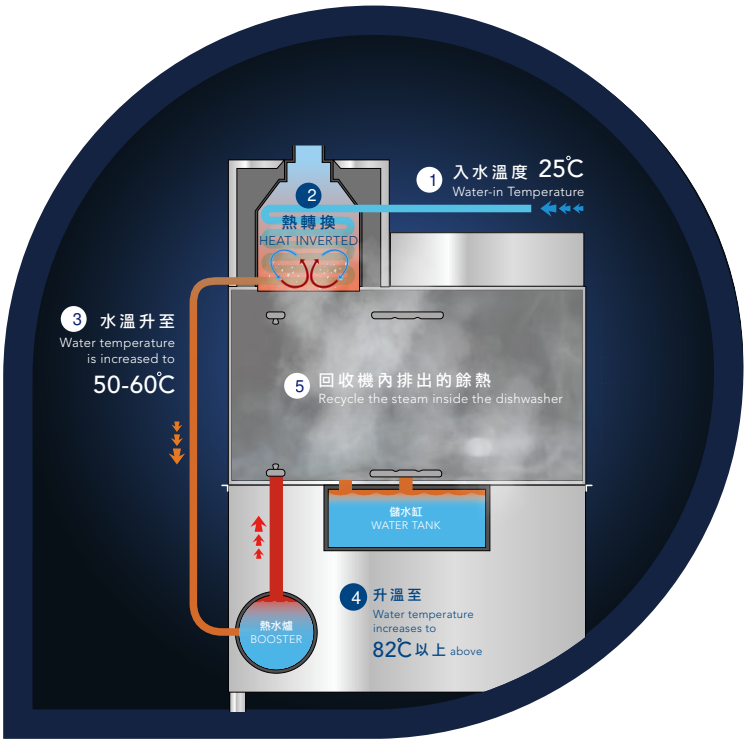
Utilises reciprocating piston pump technology commonly used in oil well extraction, with high-hardness zirconia ceramic. Delivers precise 0.1ml dispensing, significantly reducing detergent waste while maintaining efficient cleaning results, with a lifespan of up to 10 years

瀞磁™智能變頻傳動

俱備智能變速功能，可按照餐具的流量及狀況調節運行速度，減低機件磨損延長使用壽命，過載保護功能防止誤用導致傳動故障，實現長期無憂營運

CleanMag™ Smart Conveyor Driver

Features adjustable speed settings, optimized for observed cleaning loads and conditions to minimize part wear and extend operational lifespan. Integrated overload protection safeguards against transmission damage, ensuring reliable performance and sustained cost efficiency



HeatPLUS®

技術專利編號 Technology Patent No. HK30114806

第二代熱回收專利技術

The 2nd Generation Patented Heat Recovery Technology

以循環使用餘熱
達至能源節省

Saving energy by reusing the steam

智慧型單缸運輸帶式洗碗碟機(熱回收) AS-44B(G)
SMART Single Tank Conveyor Type Dishwasher (Heat Recovery)

CHAMPION®

顯著熱回收效能 Outstanding Heat Recovery Efficiency

每年賺取高達 $140,000 電費

Earn up to $140,000 Tariff per year

能源節省 Energy saving

	傳統機型 Traditional Model	AS-44B(G)
每小時用電量 Energy Consumption per hour	54 kWh	18.2 kWh*

每日運作 Daily Operation Time	6小時(hour)	8小時(hour)
能源節省 Energy Saved	6,444 kWh / 月(Month)	8,592 kWh / 月(Month)
賺取高達 Possible Earn	$9,054 / 月 Month	$12,072 / 月 Month

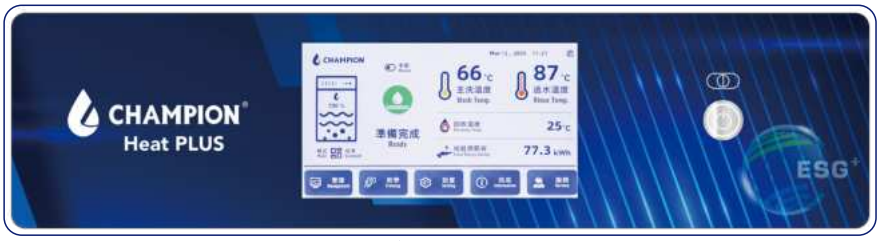
*以上資料根據香港生產力促進局驗證（項目編號 00697）只作參考用途，節省率會受實際環境及操作所影響。
The above information is based on the testing result of Hong Kong Productivity Council (Project Number 00697) for reference purposes only.
The saving is affected by actual environment and washing procedure.

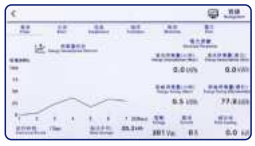
智慧管理 • 無憂營運

Smart Management • Seamless Operation

實時衛生監控 Real-time Hygiene Monitoring ▶ 實時監控洗滌過程，確保餐具衛生100%達標
Tracks all the washing cycles to ensure 100% compliance with hygiene standards

維護服務管理 Service Management ▶ 智慧診斷異常，提前預警，減少停機風險
Intelligent diagnosis with early abnormality warning to minimise downtime risks





營運資源管理 Resources Management ▶ 智能監控能源及清潔劑用量，優化成本控制
Smart tracking of energy and detergent consumption to optimise cost control

中央管理多台設備 Centralised Management of Multiple Devices ▶ 透過電腦掌握設備狀態，生成洗滌報告，便於管理
Remotely monitor and manage multiple equipment status through network connectivity, enabling efficient centralised control

高效清潔 • 衛生保障

High Cleaning Efficiency • Hygiene Assurance

360°立體噴淋 360° Stereo Rinsing System ▶ 上下雙噴臂搭配特殊噴嘴，徹底清除頑固污漬，全方位確保清潔效果
Dual spray arms (top and bottom) paired with specialised nozzles thoroughly remove stubborn stains, ensuring complete cleaning coverage

多重洗滌模式 Multiple Washing Modes ▶ 標準模式、重污模式及除垢程序，靈活應對多樣化需求
Includes standard, heavy stain, and descaling modes, offering flexible solutions to meet diverse needs

HACCP INTERNATIONAL FOOD SAFETY CERTIFICATION

HACCP 國際認證
清洗程序符合HACCP食品安全標準，確保餐具衛生，讓客人享受安全無憂的用餐體驗

HACCP Certification
The cleaning procedures comply with HACCP Food Safety Program, ensuring clean tableware and providing customers with extraordinary dining experience

CEC2024ELP00325903

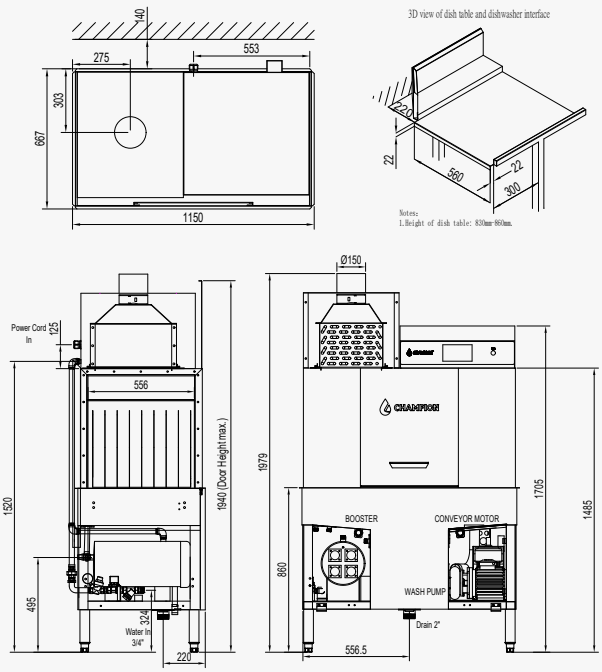
環保清潔劑
搭配原廠並獲中國環境標誌產品認證清潔劑

Eco-friendly Cleaning Detergents
Compatible with China Environmental Labelling Certified genuine cleaning detergents

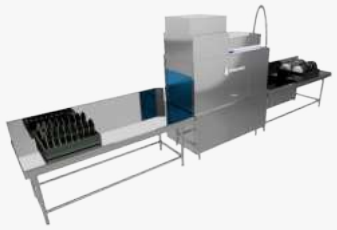
智慧型單缸運輸帶式洗碗碟機(熱回收) AS-44B(G)
SMART Single Tank Conveyor Type Dishwasher (Heat Recovery)

CHAMPION®

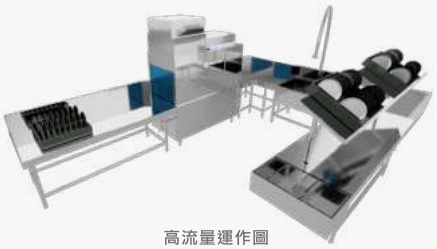
透視圖 Perspective



運作圖 Operation Diagram



標準式運作圖
Standard Type Operation



高流量運作圖
High Volume Operation

技術規格 Technical Data

洗滌時間 Cycle Time	16 Sec
最大洗滌量 Maximum Capacity	230 Racks / Hour
用水量 Water Consumption	2.2 L / Rack
水缸 Wash Tank	65 L
主洗水缸加熱功率 Tank Heat	7.5 kW [Optional 15 kW]
熱水爐功率 Booster	27 kW
主洗水泵馬達功率 Wash Pump	1.5 kW (CleanMag™Smart Motorpermanent)
運輸帶馬達功率 Conveyor Motor	0.75 kW
總功率 Total Loading	36.75 kW [Optional 44.25 kW]
尺寸 Loading Size	1150 (W) x 667 (D) x 1979 (H) mm
開門高度 Opening Height	1940 mm
檯面高度 Countertop Height	860 mm
最高洗滌高度 Loading Height	450 mm
重量 Weight	250 Kg

安裝和連接要求 Installation and Connection Requirements

供水管 Supply Hose	3/4"
水壓 Water Pressure	15 - 25 psi
排水管 Drain Hose	OD 50 mm
供電 Power Supply	380 V / 50 Hz / 3 / N / PE / 80 A (防水隔離開關 Weatherproof Isolator)
電源線 Power Cord	6 mm^2

選項和配件 Options and Accessories

洗碗碟機專用篩 Dishwasher Rack	500 x 500 mm

售後服務才是我們的開始
After-Sales Service is Where Our Business Begins

預防性檢查
Preventive Inspections

衛生諮詢及培訓
Hygiene Consultation and Training

原廠保養
Genuine Warranty Service

流動工程車隊
Engineering Motorcade

全面售後支援
Comprehensive After-sales Support

CHAMPION®

We Make · We Care 我創造 · 我重視

V2.25.4.10.AS44BG

(852) 2475 9875 www.champion-chem.com enquiry_hk@champion-chem.com