

“DAIHAN” WiseVen® WON Ovens, Gravity/Natural-Flow Type, 32-/ 50-/ 105-/ 155-/ 305- Lit.
 Digital Fuzzy Control & Superior Temperature Accuracy, Optimized Air Flow by Natural Convection, up to 230°C, ±0.5°C



Oven, Gravity/Natural-Flow Type, Standard Model (WON-155)

- Digital Fuzzy Control System Implementing Superior Temperature Accuracy
- Optimized Air Flow by Natural Convection
- Patented Jog-Shuttle Control System
- UL/CUL Certified ■ CE Certified
- PL(Product Liability) Insurance

Application & Features

- * Suitable for Drying, Baking, Conditioning, Curing, Pre-Heating and Aging
- * Digital Fuzzy Control System Implementing Superior Temperature Accuracy
- * High-Quality LCD Display with Back-Light Function Used.
- * RS232C Interface for Remote Monitoring and Controlling with PC
- * Ambient to 230°C Range, Accuracy of ±0.5°C * Compact Body Design
- * Optimized Air Flow by Natural Convection
- * Corrosion Resistant 304 Stainless Steel Chamber and Shelves
- * Perfect Heat Insulation made by Heat-Resistant Rubber Packing and Air Flow Layer (AFL)
- * Over Temperature & Over Current Protection and Sensor Error Detection
- * 2~3 Stainless Steel Shelves are Included * Patented Jog-Shuttle Control System
- * UL/CUL Certified * CE Certified
- * PL(Product Liability) Insurance

Specification

Model	Standard Model, without Window					
	WON-32	WON-50	WON-105	WON-155	WON-305	
			Built-in Viewing Window Model			
			WON-W105	WON-W155	WON-W305	
Capacity	32 Lit.	50 Lit.	105 Lit.	155 Lit.	305 Lit.	
Heater	600 W	800 W	1.5 kW	1.7 kW	3.4 kW	
Temp.	Range	Ambient +5 °C to 230 °C				
	Accuracy	± 0.5°C at 100°C				
	Uniformity	±2.0°C at 100°C				
	Sensor	PT100				
Dimension (w × d × h)	Interior (mm)	310×290×360	370×350×420	485×480×535	550×475×600	550×475×1,180
	Exterior (mm)	475×530×673	535×620×733	656×685×891	721×750×956	721×800×1,682
Temp. Setting Sensitivity	±1.0°C					
Heat-up Time	18 min. to 100 °C, 28 min. to 150 °C					
Recovery Time (Door open 30sec)	5 min. to 100 °C					
	7 min. to 150 °C					
Controller	Digital Fuzzy Controller with Jog-Shuttle Switch (Turn & Push)					
Display	Digital LCD Display with Back Light					
Timer	99hr 59 min (delay / continuous function)					
Material	Internal	Stainless Steel (# 304)				
	External	Powder Coated Steel				
	Insulation	Glass Wool				
Shelves	Stainless Steel Shelves					
	2ea	2ea	2ea	2ea	3ea	
Load per Rack	16 kg					
Permitted Total Load	32 kg (16kg × 2 Shelves)				48 kg	
Ventilation	Ventilation hole with Stainless Steel Cap, Dia. 40mm					
	1ea	1ea	2ea	2ea	2ea	
Circulation	Gravity Convection Type					
Safety Device	Over Temp. and Over Current Protector, Sensor Error Detector					
Others	UL/CUL Certified, CE Certified, PL(Product Liability) Insurance RS232C Interface for Monitoring and Controlling with PC Storage Function (Temp and Timer) Locking Mode (Jog-Shuttle Input Disabled) Alarm (Error Status and Timer-end)					
Net Weight	31kg	42kg	67kg	83kg	145kg	
Packing Dimension (w × d × h) (mm)	500×580×780	570×660×840	710×750×970	790×790×1,090	1,000×1,000×1,950	
Gross Weight	38 kg	48 kg	70 kg	94 kg	205 kg	
Power Consumption	600 W	800 W	1.4 kW	1.7 kW	3.2 kW	
Power Supply*	1 Phase, AC 120V, 60Hz or AC 230V, 50/60Hz				1 Phase AC 120V, 60Hz or AC 230V, 50/60Hz or 3 Phase with Terminal Block	

* Other Specifications are available upon Customer's Request.
 * EC Plug and Cable are optionally offered. Please refer to the Ordering Information for the details.



Oven, Gravity/Natural-Flow Type, Built-in Viewing Window Model (WON-W155)



Heating Layer Embedded under the Chamber for Natural Convection

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