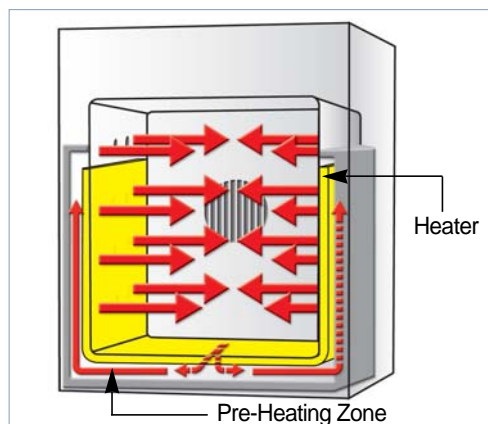


DAIHAN® Ovens, Forced Convection-type, “SWOF”, 50-/105-/155-/305 Lit., with Certi. & Traceability ^{NEW}
with Smart-Lab™ Controller, 4" Full Touch Screen, Fuzzy-PID Control, up to 250°C, ±0.3°C



Oven, Forced Convection-type, Standard Model,
with Wire Shelves “SWOF-155”



The Best Temp. Uniformity & Accuracy by
High Performance Heating Mechanism

※ See page 8~13 for the
Feature of Smart-Lab™ System

- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Digital Fuzzy Control System Implementing Superior Temperature Accuracy
- Optimized Air Flow by Forced Convection Mechanism
- **Smart-Lab™ Controller** ■ CE Certified ■ UL/CUL Certified
- **PL(Product Liability) Insurance**

- * Suitable for Drying, Baking, Conditioning, Curing, Pre-Heating and Aging
- * The Best Temp. Uniformity & Accuracy by High Performance Heating Mechanism : 3 Side-Heating
- * Optimized Air Flow by Forced Convection Mechanism
- * Ergonomic Design 4" Full Touch Screen TFT LCD(Smart-Lab™ Controller)
- * WiRe™ App & Web Service. * Automatic Data Recording
- * Self-Diagnostic Function * Compact New Body Design
- * Variable Program Setting for Multiple Patterns with Multiple Segments
- * Internet Connectivity with WiFi * Controller SW can be upgraded through USB port.
- * The Recorded Data could be transferred to PC by USB memory
- * 2~3ea of Stainless Steel Wire Shelves Included
- * RS232C Interface for Monitoring and Controlling with PC
- * Ambient to 250°C of Temp. Range, Fluctuation of ±0.3°C at 100°C
- * Corrosion Resistant 304 Stainless Steel Chamber
- * Over Temperature & Over Current Protection, Sensor Error Detection

Specification

Model		Standard Model, without Window		
		“SWOF-50”	“SWOF-105”	“SWOF-155”
			Built-in Viewing Window Model	
		“SWOF-W105”	“SWOF-W155”	
Capacity		50Lit	105Lit	155Lit
Dimension (w × d × h)	Interior (mm)	350×370×420	480×485×535	475×550×600
	Exterior (mm)	518×646×722	653×711×879	718×776×944
Heater Power		650 W	1.4 kW	1.6 kW
Temp.	Range	Ambient Temperature +5℃ to 250℃		
	Fluctuation	±0.3℃ at 100℃, ±0.5℃ at 150℃		
	Variation	±1℃ at 100℃, ±1.8℃ at 150℃		±1℃ at 100℃, ±2℃ at 150℃
	Sensor	PT 100		
Control Resolution		±0.1℃		
Heat-up Time		25 min. to 100 ℃, 45 min. to 150 ℃		25 min. to 100 ℃, 40 min. to 150 ℃
Recovery Time (Door open 30sec)		8 min. to 100 ℃, 8 min. to 150 ℃	6 min. to 100 ℃, 6 min. to 150 ℃	
Controller		Smart-Lab™ Controller		
RS232 Port		Available to connect with PC		
Display		4" Full Touch Screen TFT LCD		
Timer		99hr 59 min (delay/continuous function)		
Material	Internal	Stainless Steel (#304)		
	External	Powder Coated Steel		
	Insulation	Glass Wool		
Shelves		Stainless steel shelves included		
		2ea		
Ventilation		Ventilation hole with Stainless Steel Cap, Hole Diameter 40mm		
		1ea	2ea	
Circulation		Forced Air Convection Type		
Safety device		Over Temp. and Over Current Protector, Sensor Error Detector		
Others		UL / CUL Certified, CE Certified Storage Function (by Program mode) Locking Mode (Jog-Dial Input Disabled) Alarm (Error Status and Timer-end)		
Net Weight (kg)		44	69	78
Packing Size (w × d × h) (mm)		622×754×807	743×819×1,068	808×884×1,133
Shipping Weight (kg)		59	79	92
Power Consumption		674 W	1390 W	1566 W
Energy Consumption, at 100℃		117 Wh	187 Wh	204 Wh
, at 150℃		230 Wh	337 Wh	398 Wh
Power Supply		120V, 60Hz or 230V, 50/60Hz		

* Other Specifications are available upon Customer's Request.

<Continued on next page>

Cat. No	Description	Articles
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<Continued from... Ovens, Forced Convection-type, "SWOF">

Ordering Information

Standard Model, Forced Convection, with Wire Shelves

DH.SWOF05050	Oven, Standard, 230V, 50 Lit., "SWOF-50", with Cord / Plug
DH.SWOF05105	, 105 Lit., "SWOF-105", with Cord / Plug
DH.SWOF05155	, 155 Lit., "SWOF-155", with Cord / Plug
DH.SWOF06050	Oven, Standard, 120V, 50 Lit., "SWOF-50", with Cord / Plug
DH.SWOF06105	, 105 Lit., "SWOF-105", with Cord / Plug
DH.SWOF06155	, 155 Lit., "SWOF-155", with Cord / Plug

Built in Viewing Window Model, Forced Convection, with Wire Shelves

DH.SWOF07105	Oven, Window, 230V, 105 Lit., "SWOF-W105", with Cord / Plug
DH.SWOF07155	, 155 Lit., "SWOF-W155", with Cord / Plug
DH.SWOF08105	Oven, Window, 120V, 105 Lit., "SWOF-W105", with Cord / Plug
DH.SWOF08155	, 155 Lit., "SWOF-W155", with Cord / Plug

Spare Wire Shelves, Stainless Steel

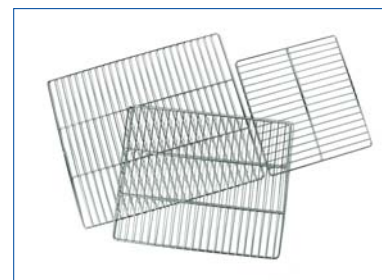
DH.WON11050	Wire Shelf, for 50 Lit., "ONS050", w340×d310mm
DH.WON11105	, for 105 Lit., "ONS105", w455×d375mm
DH.WON11155	, for 155 Lit., "ONS155", w520×d440mm

Validation (IQ, OQ) Service

DH.SWOF31050	Validation Service(IQ, OQ), "OFV1050", for SWOF-50
DH.SWOF31105	, "OFV1105", for SWOF-105
DH.SWOF31155	, "OFV1155", for SWOF-155
DH.SWOF32105	Validation Service(IQ, OQ), "OFV2105", for SWOF-W105
DH.SWOF32155	, "OFV2155", for SWOF-W155



Oven, Forced Convection-type, Built in Viewing Window Model, with Wire Shelves "SWOF-W155"



Wire Shelves, Stainless Steel (Included)

» DAIHAN WiRe™ App & Web Service



4" Full Touch Screen TFT LCD (Smart-Lab™ Controller)

It is possible to monitor and control the Smart-Lab™ equipment through all smart phone, tablet and web without restraint of time and place.



WiRe™ App & Web Service