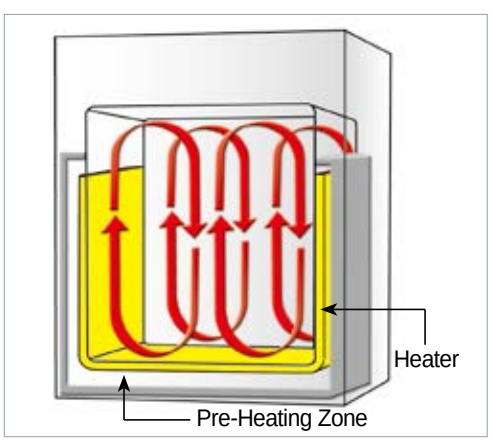
## DAIHAN® Gravity-air Drying Oven "ThermoStable™ ON", 3-Side Heating Zone, 32 · 50 · 105 · 155 Lit, up to 230℃, ±0.5℃

With 2 Wire Shelf, Digital PID Control, Jog-Dial & Push Button, Digital LCD with Back-light, with Certi. & Traceability

**자연 대류식 정밀 건조기/오븐, 고정밀 디지털 퍼지 제어, 우수한 온도 정확성**

*(1) Standard Model, Gravity-air Oven*




**3-Side Heating Zone** : The Best Temp. Uniformity & Accuracy by High Performance Heating Mechanism (Gravity-air Mechanism)

Perfect Door Lock by Double Latch

- ***UL, CUL, and CE Certified***
- ***GD(Good Design)-mark***
- ***with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System***
- ***3-Side Heating Zone : The Best Temp. Uniformity & Accuracy by High Performance Heating Mechanism***
- ***Digital PID Control System Implementing Superior Temperature Accuracy***
- ***Optimized Air Flow by Gravity-air Mechanism***
- ***Patented Jog-Dial Control System***
- ***PL (Product Liability) Insurance***

∗ Suitable for Drying, Baking, Conditioning, Curing, Pre-Heating and Aging
∗ New Jog-Dial with Push Button
∗ RS232C Interface for Monitoring and Controlling with PC
∗ Ambient +5℃ to 230℃ Range with Fluctuation of ±0.5℃ at 100℃
∗ Locking Mode Supported for Experimental Safety (Input to Jog-Dial can be disabled)

### Specification

| Spec. \ Model | | (1) Standard Model | | | |
|---|---|---|---|---|---|
| | | ON-32 Max. Capa. 32L | ON-50 Max. Capa. 50L | ON-105 Max. Capa. 105L | ON-155 Max. Capa. 155L |
| | | | | (2) Window Model | |
| | | | | ON-W105 | ON-W155 |
| Capacity | | 32 Lit | 50 Lit | 105 Lit | 155 Lit |
| Dimension (w×d×h) | Interior (mm) | 310×290×360 | 370×350×420 | 485×409×535 | 550×474×600 |
| | Exterior (mm) | 458×557×664 | 518×647×724 | 653×712×882 | 718×777×947 |
| Heater Power | | 500 W | 650 W | 1.4 kW | 1.6 kW |
| Temp. | Range | Room Temp +5℃ to 230℃ | | | |
| | Fluctuation | ± 0.5℃ at 100℃, ± 0.6℃ at 150℃ | | | ± 0.5℃ at 100℃, ± 0.8℃ at 150℃ |
| | Variation | ± 1.2℃ at 100℃, ± 2.2℃ at 150℃ | | | |
| | Sensor | PT 100 | | | |
| Control Resolution | | ±0.1℃ | | | |
| Heat-up Time | | 30 min. to 100℃, 43 min. to 150℃ | 30 min. to 100℃, 45 min. to 150℃ | | 35 min. to 100℃, 50 min. to 150℃ |
| Recovery Time (Door open 30sec) | | 8 min. to 100℃, 10 min. to 150℃ | | 10 min. to 100℃, 12 min. to 150℃ | |
| Controller | | Digital PID Control by Advanced Microprocessor Jog-Dial with Push Button | | | |
| RS232 Port | | Available to connect with PC | | | |
| Display | | Digital LCD with Back Light | | | |
| Timer | | 99hr 59 min (delay/continuous function) | | | |
| Storage | | Temperature and Timer setting values | | | |
| Material | Internal | Stainless-steel (#304), Corrosion Resistant | | | |
| | External | Powder Coated steel | | | |
| | Insulation | Glass Wool | | | |
| Shelf (included) | | 2 Stainless-steel Wire Shelf, Load per Shelf : 16 kg | | | |
| Ventilation | | Ventilation hole with Stainless-steel Cap, Hole Diameter 40mm | | | |
| | | 1ea | | 2ea | |
| Circulation | | Gravity-air Type | | | |
| Safety device | | Over Temp. and Over Current Protector, Sensor Error Detector | | | |
| Alarm | | Error Status and Timer-end | | | |
| Net Weight (kg) | | 36 | 44 | 69 | 78 |
| Packing Size (w×d×h) (mm) | | 562×664×747 | 622×754×807 | 743×819×1,068 | 808×884×1,133 |
| Shipping Weight (kg) | | 43 | 59 | 79 | 92 |
| Power Consumption | | 502 W | 674 W | 1390 W | 1566 W |
| Energy Consumption, at 100℃ | | 90 Wh | 117 Wh | 187 Wh | 204 Wh |
| , at 150℃ | | 181 Wh | 230 Wh | 337 Wh | 398 Wh |
| Electric Reqts. | | 120V, 60Hz or 230V, 50/60Hz | | | |

∗ **Other Specifications are available upon Customer's Request.**

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