

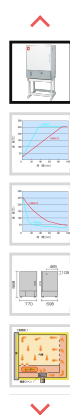
Industrial Forced Convection Oven (Silicorn/Fluoro-rubber Gasket)DKG610[Page Top](#)[Product Summary](#)[Specifications](#)[Optional items](#)[Same series products](#)[Scientific and Industrial equipment](#) [Constant temperature and drying oven](#)

Industrial Forced Convection
Oven (Silicorn/Fluoro-rubber
Gasket)

DKG610

Item Code : 212884

Model : DKG610

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DKG610、DKG810

**Industrial Forced Convection Oven
(Silicorn/Fluoro-rubber Gasket) (DKG610)**[Contact Us](#)[printing](#)**Product Summary**

Reduced heating time to 1/2.5, cooling time to 1/4 (compared with conventional company products), horizontal air flow appropriate for loaded operation, the standard oven for production lines supporting multi power supplies. The product lineup includes a silicon free type.

Features of Industrial Forced Convection Oven (Silicorn/Fluoro-rubber Gasket) (DKG610)**Features**

Standard oven with simple operation whose temperature increase and decrease time has been improved 50% or more compared with conventional products to reduce product takt time.

Features

Temperature increase time has been reduced up to 1/2.5 (at no load, compared with conventional company products), temperature decrease time has also been reduced to 1/4 (at no load, compared with conventional company products). Extensive increase in work efficiency is expected.

Features

Industrial Forced Convection Oven (Silicorn/Fluoro-rubber Gasket)DKG610

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Product Summary

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Same series products

The horizontal air flow system ideal for processing samples in a magazine rack or a lot of samples realizes high precision temperature performance even at loaded condition.

Features

Fluoro rubber is employed for shoulder packing to realize silicon free. (DKG610V/650V/810V/850V)

Features

Product lineup includes 610/610V/810/810V for 200 to 220V power supply and 650/650V/850/850V for 230 to 300L 240V to support multiple power supplies.

Specifications

Specifications

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|-----------------------------------|---|
| Item Code | 212884 |
| Model | DKG610 |
| Method | Forced convection |
| Operating temperature range | Room temp. +30°C to 260°C |
| Temperature adjustment accuracy | ±0.5°C |
| Temperature distribution accuracy | ±2°C (at 200°C) 、 ±2.5°C (at 260°C) |
| Time to attain max. temp. | Within 45min. from 25°C ->260°C |
| Temp. decrease time | About 30min. from 260°C ->50°C |
| Air supply/exhaust damper | Front operation/manual damper Air supply pipe/exhaust pipe at the rear NSSC180 With exhaust duct |
| Interior/exterior | Stainless steel plate/chrome free electro galvanized steel plate Chemical proof baking finish |
| Heater and heat insulator | SUS pipe heater & glass wool |
| Heater capacity | 200 to 220V 2.6 to 3.15kW |
| Blower fan | Sirocco fan×1 |
| Fan motor | Capacitor 30W×1 |
| Cable port | I.D.: 30mm One at the right side of the main body |
| Door packing | Silicon rubber |
| Air supply port | Bottom of heater room (Open/Close with a manual damper) |
| Damper control | Linked air supply / Exhaust with manual knob on the front of the main body |
| Exhaust port | Upper part of rear of the main body: φ80 (Open / Close with a manual damper) |
| Heater control | SSR control |
| Sensor | K-thermocouple (Both for inside the chamber and heater room) |
| Safety unit | Self diagnostic function (Temperature sensor error, Heater disconnection, SSR short-circuit, Automatic overheat prevention function), Key lock, |
| Safety unit | Program lock, Overheat preventive device, Over current electric leakage breaker, Door switch, Temperature fuse, External alarm terminal |
| Internal dimensions (W×D×H mm) | 600×500×500mm |
| External dimensions (W×D×H mm) | 770×696×985mm |
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Industrial Forced Convection Oven (Silicorn/Fluoro-rubber Gasket)DKG610

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| Accessories Shelf | 2 pcs. |
| Accessories Shelf support | 4 pcs. |
| Power Source | AC200 to 220V 13.5-15A Single-phase. Power cord 2M |
| Weight | 110kg |
| Remarks(dimensions) | 150L |

Maintenance and warranty

Conditions: temperature and humidity: 23 deg.C+/-5 deg.C, 65%RH+/-20% (no load)
External dimensions do not include protrusions.

Optional items

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NO IMAGE

External communication function (RS485) (ODK25-1)

NO IMAGE

External communication adapter (O281563)

NO IMAGE

Independent overheat prevention device (ODK27-1)

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Same series products

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Industrial Forced Convection Oven (Silicorn/Fluoro-rubber Gasket) (DKG850)



Industrial Forced Convection Oven (Silicorn/Fluoro-rubber Gasket) (DKG850V)



Industrial Forced Convection Oven (Silicorn/Fluoro-rubber Gasket) (DKG610V)

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