

Fine Oven

With high accuracy temperature control and exhaust damper

DF832/1032 DH832/1032

Operating temp. range Room temp. +15°C~200°C(DF) / Room temp. +15°C~300°C(DH)

Temperature slope 15°C(at 200°C)(DF) / 20°C(at 300°C)(DH)

Internal capacity 512L(Model832) / 1,000L(Model1032)

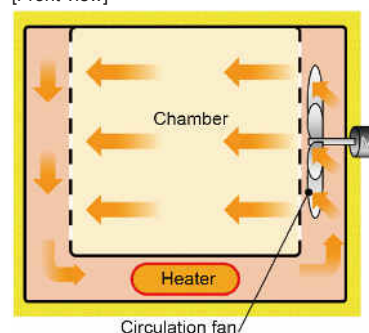
Large fine oven designed to support high throughput



- Allows precision maintenance of large parts at a constant temperature
- Quick exhaust and cooling in the unit with the exhaust damper
- Interactive key entry on the control panel with a green LED digital display for easy settings
- Features power consumption/CO₂ emissions monitoring
- Increased safety and self diagnostic functions



[Front view]



Specifications

| Model | DF832 | DF1032 | DH832 | DH1032 |
|---------------------------------|---|-------------------------|----------------------------|-------------------------|
| System | Forced air circulation and ventilation | | | |
| Operating temp. range | Room temp. +15°C~200°C | | Room temp. +15°C~300°C | |
| Temperature fluctuation | ±0.5°C (at 200°C) | | ±1.0°C (at 300°C) | |
| Temperature slope | 15°C (at 200°C) | | 20°C (at 300°C) | |
| Temperature controller | PID Z control | | | |
| Temp setting method | Digital setting with ▲/▼ keys | | | |
| Timer | 0 min~99 hrs 59 min (Resolution: 1 minute or 1 hour) | | | |
| Operation function | Fixed temperature operation, Program operation (Maximum 99 steps, up to 99 patterns, repeat operation function) Duration/time select timer operation function (Fixed temperature operation, auto start/auto stop/quick auto stop, program operation auto start) | | | |
| Additional functions | Accumulated Power on and Operation Time (up to 65,535 hours); Calendar Time (24 hours); Calibration Offset; Monitor Display of Accumulated Power Consumption, Total CO ₂ Emission, and Heater operating Output; Power Recovery Mode; User Settings Save and Restore Function; Fan Speed Setting Function | | | |
| Sensor | K-thermocouple (double sensor) | | | |
| Heater | Stainless steel pipe heater with a fan | | | |
| | 4.5kW | 6.0kW | 6.9kW | 9.0kW |
| Fan motor | Stainless steel axial flow fan (capacitor motor: 20W), Two motors used for Model1032 | | | |
| Cable port | I.D. ø30mm (rear) | | | |
| Heat insulator | Glass wool | | Glass wool + ceramic fiber | |
| Other additional structure | Exhaust damper (manual operation) | | | |
| Safety device | Self-diagnostic functions (temp. sensor error, heater disconnection, SSR short-circuit, automatic overheat prevention), Door switch, Fan Failure Detection, key lock, independent overheat protection, electric leakage breaker with over current protection | | | |
| Power supply (50/60 Hz) | 3 phase AC220V 13.5A | 3 phase AC220V 17A | 3 phase AC220V 20A | 3 phase AC220V 28A |
| Internal dimensions (W x D x H) | 800 x 800 x 800mm | 1,000 x 1,000 x 1,000mm | 800 x 800 x 800mm | 1,000 x 1,000 x 1,000mm |
| External dimensions (W x D x H) | 1,500 x 1,015 x 1,330mm | 1,700 x 1,215 x 1,530mm | 1,500 x 1,015 x 1,330mm | 1,700 x 1,215 x 1,530mm |
| Internal capacity | 512L | 1,000L | 512L | 1,000L |
| Weight | ~350kg | ~450kg | ~350kg | ~450kg |
| Shelf / bracket | 3 pcs. / 6 pcs. | | | |

Attention

- Never use in flammable or explosive gas atmosphere.
- Never use explosive or flammable material.
- Caution: High temperature components.