



PRODUCT BROCHURE · YAMATO SCIENTIFIC

DF DH 832 1032 Catalog

2 models inside · Thermal Processing · Ovens



QUICK VIEW — SERIES AT A GLANCE

The Yamato DH-832 is a 512 L large forced-air fine oven with high-accuracy control to 300 °C on 3-phase power. 15% below MSRP. Spec: Value. Weight: ~350 kg.

MODELS IN THIS DOCUMENT

DH-832 · DH-832

SHIP WEIGHT

772 lb

SOURCING

Authorized U.S. distributor

Distributed by Legacy Lab Supplies

legacylabsupplies.com · (855) 746-7557 / 855-SHOP-LLS · quotes in 24 hours



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)

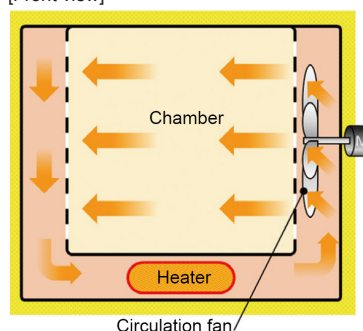
Large fine oven designed to support high throughput



- 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 CO2 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
Shelf support qty. / pitch	10 steps / 76mm	10 steps / 98mm	10 steps / 76mm	10 steps / 98mm
Internal capacity	512L	1,000L	512L	1,000L
Weight	~350kg	~450kg	~350kg	~450kg
Included 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.