

# JSOF-W Series

## DUAL CHAMBER INDUSTRIAL OVEN

amb. +10 °C ~ 250 °C



### # Features

#### Performance

Temperature Range : amb. +10 °C to 250 °C  
Temperature Accuracy : within +/- 0.3 °C (JSOF-400W)  
Temperature Uniformity : within +/- 2.0 °C (JSOF-400W)

#### Control Temperature Range

from ambient +10 °C to 250 °C.

Forced air convection for fast drying application

Aero-dynamic chamber designed with circulation blower to achieve superior thermal uniformity.

Separate heating compartment located on side wall for contamination free and maintenance free.

50mm thick high thermal efficiency mineral wool with woven aluminum barrier sheet saves energy and less dust.

#### Construction

Durable epoxy powder coated metallic casing.  
Ventilation damper.  
Corrosion resistant Stainless Steel 304 chamber.

#### Convenience

Removable and adjustable shelf by 25mm spacing.

Air-tight door latch.

Opening size adjustable ventilation damper.

Door switch cut-off heater and blower to protect user from exposure to hot air.

#### Safety

DOOR SENSOR CUT OFF HEATER AND FAN

DUAL OVER TEMPERATURE CUT-OFF BY CONTROLLER  
AND INDEPENDENT THERMOSTAT

HIGH TEMPERATURE CUT-OFF AND AUDIO VISUAL ALARM

LOW TEMPERATURE CUT-OFF AND AUDIO VISUAL ALARM

PT SENSOR SHORT OR DISCONNECTION AUDIO VISUAL ALARM

OVER CURRENT CUT-OFF : Electrical Leakage Breaker

# # Specifications

## Model

JSOF-400W

JSOF-600W

## Dimension Data

Chamber Volume	2 Chambers x 432 Liters	2 Chambers x 612 Liters
Inner Dims. (WxDxH) mm	600 x 600 x 600 / chamber	600 x 850 x 1200
Outer Dims. (WxDxH) mm	2165 x 775 x 1545 (1695 incl. Damper)	2165 x 1025 x 1545 (1695 incl. Damper)
Window Dims. (WxH) mm	150 x 615	150 x 615
No. of Shelf Positions	22 ea	22 ea
No. of Shelf Included	8 ea	8 ea
No. of Ventilation Damper	1 ea / chamber	1 ea / chamber

## Performance Data

Heating System	Forced Convection	
Temperature Range	ambient +10 °C to 250 °C, 0.1 °C resolution	
Temperature Accuracy at 120 °C	+/- 0.3 °C	+/- 0.3 °C
Temperature Uniformity at 120 °C	+/- 2.0 °C	+/- 3.0 °C
Heat-up Time to 120 °C	15 min.	15 min.

## Controller

Type	Digital Microprocessor PID Temp. Controller	
Display	4 Digit LED Display	
Control Logic	PID Temperature Control with Auto-Tuning	
Calibration	1 Point Temperature Offset	
Auto-Start	99 min 59 sec / 99 hr 59 mi n / 99 day 23 hr	
Auto-Stop	99 min 59 sec / 99 hr 59 mi n / 99 day 23 hr	
Sensor	CLASS A PT-100 Ohm Sensor	
Power Restoration	Power and Timer Restoration Function in case of power outage	
Communication Interface	n/a	

## Material Data

Body	Epoxy Powder Coated Steel	
Chamber	Stainlss Steel 304 (AISI304)	
Insulaton	50 mm Woven Mineral Wool with Aluminum Barrier	

## Safety Data

Safety Device	Door Open / Over Temperature / Over Current Protection	
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## Electrical Data

Power Requirement	220 +/- 10% VAC   50/60 Hz   1 Phase	
Power Consumption	3.1 kW 14.0 amp / chamber	4.1 kW 18.6 amp / chamber
Plug Configuration	1 each CEE 7/7 Schuko or BS 1363 / chamber	

## Usable Condition

Temp. & Humidity	5 °C - 40 °C, 80% RH Max.	
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# JSR

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## DUAL CHAMBER INDUSTRIAL OVEN

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### # Ordering Information

#### Art. Number

#### Descriptions

JSOF-400W

Dual Chamber Industrial Oven 2 x 432 Liter 220 VAC 1 ph 50/60Hz

JSOF-600W

Dual Chamber Industrial Oven 2 x 612 Liter 220 VAC 1 ph 50/60Hz

#### Accessories

#### Shelves

PHS-A09

Perforated Shelf, Stainless Steel 304 for JSOF-400W W570 x D580 mm

PHS-A10

Perforated Shelf, Stainless Steel 304 for JSOF-600W W570 x D830 mm

PHS-B09

Wire Shelf, Stainless Steel 304 for JSOF-400W W570 x D580 mm

PHS-B10

Wire Shelf, Stainless Steel 304 for JSOF-600W W570 x D830 mm

PHS-A99

Shelf Support, Set of 4 ea

DISTRIBUTOR

# JSR

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