ZXFD-B5140

ZXRD-7080

Descriptions:

The LABWIT forced air drying ovens are engineered for your daily work, from routing simple glassware drying sterilization applications up to 200°C or 300°C, to the complex, controlled heating applications, for example, aging, bonding, curing, heat treat annealing, stress relieving, burn-in, hardening test purposes.

LABWIT provide ovens with two optional heating modes, ZXRD-series back heating, and ZXFD-series bottom heating. Both of them are designed to provide accurate temperature uniformity, with minimized temperature overshoot. For all 200°C models, the ovens are equipped with LCD control panel and can be programmed to run up to 9 different programs with 18 steps of temperatures and time segments.

Features:

- Forced-air convection and three dimensional heating systems ensure air circulation and heat distribution.
- Options of back or bottom heating models, up to 200°C and 300°C
- PID Microprocessor controller with 9 segments and 18 steps, only on 200°C models.
- Large LCD display on 200°C models, and LED display on 300°C models.
- Argon-filled multiple glazed tempered safety glass window, 2 glazing for 200°C models and 3 glazing for 300°C models, optimizes sample monitoring as well as minimize heat losses.
- Electro-polished stainless steel inner chambers and round corners for easy cleaning and better air circulation.
- Safe protections: over-temperature limit protection, separate over-current fuses, trip switching protection over electric leakage
- Non-volatile memory retains pre-set parameters in case of power interruption.
- Standard wheel casters available on all models of 210L and above in volume.
- Adjustable electro polished stainless steel shelving provides air flow around samples for uniformed tempering and allow for easy cleaning.
- 2 grids included as standard.

Advanced Solutions for Scientific Discovery!

Specifications of ZXRD Series (Back Heating) :

Model	ZXRD-B5030	ZXRD-B5055	ZXRD-B5110	ZXRD-B5210	ZXRD-7080	ZXRD-7140	ZXRD-7230
Volume (L)	30	55	110	210	80	140	230
Heating Mode	Back Heating						
Programmable Control (9Segment/18 steps)	Standard				Optional		
Temperature Range (°C)	Ambient+5 to 200				Ambient+5 to 300		
Temperature Accuracy (°C)	0.1						
Temperature Uniformity (%)	< ± 2.5% (@max temperature)						
Display	LCD				LED		
Alarm	Enabled						
Timer (min)	1-999						
Settings	Digital						
Grids Included	2 (max 7)	2 (max 10)	2 (max 16)	2 (max 19)	2 (max 13)	2 (max 17)	2 (max 21)
Grid Size (mm) (WxD)	235x255	285x295	335x375	455x485	319x330	385x405	475x485
Distance Between Grids (mm)	30						
Chamber Dimensions (mm) (WxDxH)	300x300 x340	330x360 x450	420x400 x650	500x550 x750	375x375 x550	450x450 x685	520x550 x800
Exterior Dimensions (mm) (WxDxH)	490x465 x720	520x525 x830	610x565 x1030	690x715 x1220	565x505 x930	640x580 x1065	710x680 x1270
Packing Dimensions (mm) (WxDxH)	610x585 x890	640x645 x1000	730x685 x1200	810x835 x1390	685x625 x1100	760x700 x1235	830x800 x1440
Net/Gross Weight (kg)	40/64	50/79	61/104	98/143	58/98	80/125	104/150
Power (W)	900	1300	2100	2500	2100	2300	2700
Electricity	220-240V 50/60 Hz						
Approval	CE, ISO						

Convenient Working Environment

- ✓ Complete stainless steel inner chamber
- ✓ Low heat dissipation due to 50mm high density insulation
- ✓ 2 shelves included as standard.

Adjustable Air Vent

- ✓ Adjustable air vent for discharge of humidity evaporation.
- ✓ Adjusting knob located on side wall for easy access.
- ✓ Air vent located on the back wall.

ZXFD-B5140

Specifications of ZXFD Series (Bottom Heating) :

Model	ZXFD-B5040	ZXFD-B5090	ZXFD-B5140	ZXFD-B5250	ZXFD-B5430	ZXFD-B5600
Volume (L)	40	90	140	250	430	600
Heating Mode	Bottom Heating					
Programmable Control (9Segment/18 steps)	Yes, Standard					
Temperature Range (°C)	A+5 to 200					
Temperature Accuracy (°C)	0.1					
Temperature Uniformity (%)	< ± 2.5% (@max temperature)					
Display	LCD					
Alarm	enabled					
Timer (min)	1-999					
Settings	Digital					
Grids Included	2 (Max 3)	2 (Max 4)	2 (Max 5)	2 (Max 6)	2 (Max 8)	2 (Max 8)
Grid Size (mm) (WxD)	245×338	389×393	413×493	493×595	596x694	725×789
Distance Between Grids (mm)	90	90	95	105	105	110
Chamber Dimensions (mm) (WxDxH)	345x300x385	400x445x485	500x470x600	600x550x750	700x650x950	800x780x1000
Exterior Dimensions (mm) (WxDxH)	535x465x765	590x610x865	690x635x980	790x715x1220	890x815x1420	990x910x1470
Packing Dimensions (mm) (WxDxH)	665x585x935	710x730x1035	810x755x1150	910x835x1390	1010x935x1590	1110x1065x1640
Net/Gross Weight (kg)	45/69	55/81	80/115	108/145	170/210	210/255
Power (W)	1000	1500	2100	2500	2700	2900
Electricity	220-240V 50/60 Hz					
Approval	CE, ISO					

Ordering Information:

Part NO.	Description	Part NO.	Description
ZXRD-B5030	ZXRD-B5030, 30L, Back Heating Oven, A+5-200℃	P9017	Grid Plate for ZXRD-B5030, S/S※
ZXRD-B5055	ZXRD-B5055, 55L, Back Heating Oven, A+5-200℃	P9018	Grid Plate for ZXRD-B5055, S/S
ZXRD-B5110	ZXRD-B5110, 110L, Back Heating Oven, A+5-200℃	P9019	Grid Plate for ZXRD-B5110, S/S
ZXRD-B5210	ZXRD-B5210, 210L, Back Heating Oven, A+5-200℃	P9020	Grid Plate for ZXRD-B5210, S/S
ZXRD-A7080	ZXRD-7080, 80L, Back Heating Oven, A+5-300℃	P9021	Grid Plate for ZXRD-A7080, S/S
ZXRD-A7140	ZXRD-7140, 140L, Back Heating Oven, A+5-300℃	P9022	Grid Plate for ZXRD-A7140, S/S
ZXRD-A7230	ZXRD-7230, 230L, Back Heating Oven, A+5-300℃	P9023	Grid Plate for ZXRD-A7230, S/S
ZXFD-B5040	ZXFD-B5040, 40L, Bottom Heating Oven, A+5-200℃	P9024	Grid Plate for ZXFD-B5040, S/S
ZXFD-B5090	ZXFD-B5090, 90L, Bottom Heating Oven, A+5-200℃	P9025	Grid Plate for ZXFD-B5090, S/S
ZXFD-B5140	ZXFD-B5140, 140L, Bottom Heating Oven, A+5-200℃	P9026	Grid Plate for ZXFD-B5140, S/S
ZXFD-B5250	ZXFD-B5250, 250L, Bottom Heating Oven, A+5-200℃	P9027	Grid Plate for ZXFD-B5250, S/S
ZXFD-B5430	ZXFD-B5430, 430L, Bottom Heating Oven, A+5-200℃	P9028	Grid Plate for ZXFD-B5430, S/S
ZXFD-B5600	ZXFD-B5600, 600L, Bottom Heating Oven, A+5-200℃	P9029	Grid Plate for ZXFD-B5600, S/S
※ S/S: Stainless Steel			