

DPX-80BF / DPX-150BF / DPX-250BF

DPX-350BF / DPX-460BF

Precision Biochemical Incubator

Features

- The box body shell is made of high-quality galvanized sheet, and its surface is treated by electrostatic spraying technology.
- The design is elegant and practical, with excellent corrosion resistance and durability. The inner liner is made of high-quality stainless steel. The four corners smoothly transition into semi-circular arcs, which is convenient for cleaning. The height of the shelves can be adjusted freely.
- Single-door structure design: An tempered glass observation window is installed, and it is sealed with magnetic rubber strips. The working area is equipped with lighting, facilitating observation.
- Microcomputer control system, large-screen LCD display, touch-type operation buttons, easy to operate;
- Using high-end compressors and circulating fans, it achieves low energy consumption and energy savings.
- A temperature alarm system is provided, with automatic temperature limit and automatic power cut-off to ensure the safety of the experiment. Excellent insulation design is adopted to ensure good sealing performance and prevent temperature loss.

Upgrade content: (9-point test temperature)

1. Inner liner thickness upgrade: The original thickness was 0.8mm, and the upgraded thickness is 1.0mm.
2. Increased automatic defrosting capability, improving the operational efficiency of the equipment, reducing energy consumption and extending the service life.
3. Fan upgrade, from capacitor fan to axial brushless fan, ensuring uniform temperature distribution in the box.



Specifications

Model	DPX-80BF	DPX-150BF	DPX-250BF	DPX-350BF	DPX-460BF
Capacity	80L	150L	250L	350L	460L
Power supply	220V 50Hz				
Temperature control range	5°C-65°C				
Temperature distribution accuracy	±1.5°C (set temperature 37°C, ambient temperature 25°C)				
Temperature resolution	0.1°C				
Temperature fluctuation degree	High temperature ±0.5°C, low temperature ±1°C				
Inner liner material	201 stainless steel inner liner				
Shell material	Galvanized sheet (electrostatic spraying)				
Insulation layer	Polyurethane				
Compressor	Air-cooled hermetic compressor				
Refrigerant	R134a				
Heater	Stainless steel heating tube				
Defrost function	Intelligent control for automatic defrosting				
Temperature control	Single-stage liquid crystal intelligent PID controller				
Timer function	0-9999min				
Operating mode	Fixed-value operation, timed operation, automatic stop				
Test hole	Standard configuration - one				
Sensor	PT100				
Power	600w	800w	1000w	1200w	1400w
Inner liner dimensions (mm) (Depth x Width x Height)	400×400×500	400×500×750	500×550×910	600×600×1000	650×650×1100
Overall dimensions (mm) (Depth x Width x Height)	610×560×1070	600×660×1400	700×720×1590	790×760×1640	850 ×805×1630
Packaging dimensions (mm) (Depth x Width x Height)	690×620×1150	770×735×1520	820×800×1660	870×860×1800	990× 1040×1970
Standard/Maximum number of partitions	2/4	2/7	2/9	2/10	2/11
Partition spacing	75mm	80mm	80mm	83mm	80mm
Partition load-bearing capacity	20kg	20kg	20kg	20kg	20kg
Additional functions	Lighting fixture				
Optional functions	Waterproof socket				