-45°C Low Temperature Freezer
Chest Type

DW-45W108/208/308

DW-45W468/668

Temperature Control

■Microprocessor control, digital display to 0.1°C resolution; temperature is adjustable from -15°C to -45°C.

Ergonomic Design

■ Single stage refrigeration technology & design, strong Cooling and quick freezing.
■ Double gaskets and extra thickness of Insulation ensure reliable operation and safety of sample storage..
■Safety door lock is designed to prevent accidental or unauthorised access.
■One basket is installed in the freezer for the convenience of usage.
■ Casters wheels with lock, is design for easy moving.

Safety Control

■Power-on delay function, off-cycle protection is to ensure the security of the compressor.

Alarm System

■Audible and Visual alarm in two alarming methods: Buzzer alarming and digital flashing alarming.
■Alarm conditions included High and Low limit alarm, sensor error alarm, Power failure Alarm (Optional).

Cooling System

■Fast cooling system is generated by imported compressor and EBM fan motor.
■Outstanding temperature preservation is ensuring by the ultra-microcellular form insulation.
■Strong cooling system is generated by copper tube evaporator and condensing system.

SPECIFICATIONS

Model	DW-45W108	DW-45W208	DW-45W308	DW-45W468	DW-45W668
Cabinet Construction(External)	Powder Coated Steel Sheet				
Cabinet Construction (Internal)	Stainless Steel				
Foam Insulation	100 mm thick CFC-free Urethane			90 mm thick	
Temperature working range	-15°C to -45°C (adjustable)				
Temp. Setting & Display	Digital Display to 0.1°C				
Sensor	NTC				
Evaporator	Copper tube				
Condenser	Fan cooling fin type				
Alarm system	Audible and Visual alarms				
Alarm conditions	High & Low alarm, Sensor Error, Power failure alarm(Optional)				
Refrigerant	Mixed CFC FREE Refrigerants				
Power Supply	220-240 Vac, 50 Hz, Single phase				
Power Input	350W	380W	400W	450W	500W
Power Consumption	3.8KW.h/24h	4.0KW.h/24h	4.2KW.h/24h	5.0KW.h/24h	6.0KW.h/24h
Capacity	108 Litres	208 Litres	308 Litres	468 Litres	668 Litres
Overall dim (mm) WxDxH	900x670x795	1050x670x795	1400x670x795	1400x800x850	1800x800x850
Interior dim (mm) WxDxH	692x462x346	842x462x636	1192x462x636	1224x620x667	1674x620x667
Baskets	1 powder coated wire basket				
Door/Door lock	Single Foamed door, top open/ 1 unit of door lock with key				
Caster Wheels	4 pcs				
Net/Gross Weight	55/60 kg	70/75 kg	80/85 kg	100/110 kg	115/130 kg
Certificate	ISO13485				