

Air Cooling

-40°C ULT Freezer

Forced air circulation,
Stealth auto defrost



DW-FL628F



Temp. Uniformity



Temp. Stability



Noise

Typical data based on internal prototype testing with set point at -40°C and ambient temperature at 25°C, may vary between units.

Features



HC Refrigerant

R290, environment-friendly, extremely low GWP, REGULATION(EU) No 517/2014 compliant



Stainless Steel Liner

Easy to clean and durable



Safety System

Visual and audible alarm, high temp., low temp., sensor error, high ambient temp. etc., ensuring safety storage



Minor Fluctuation

Temp raising <4°C during defrost



Data Logger

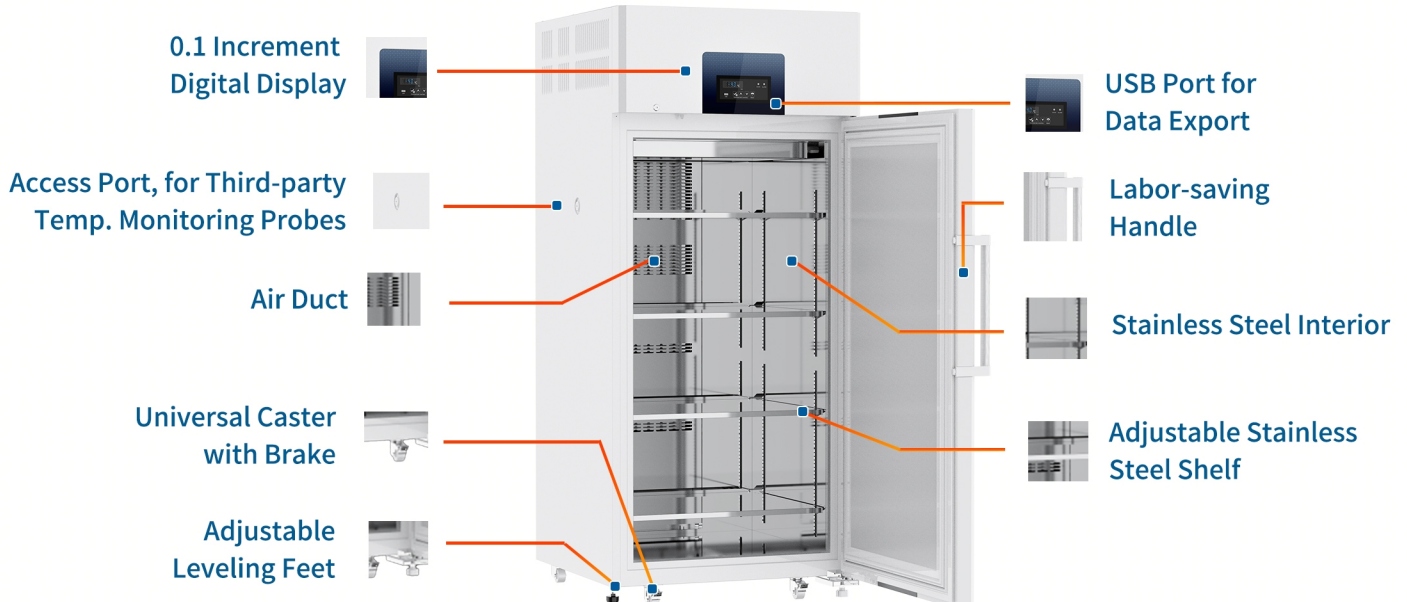
Built-in data logger, can store 100,000 sets of data, and export 12 months' data via USB port



Backup Battery

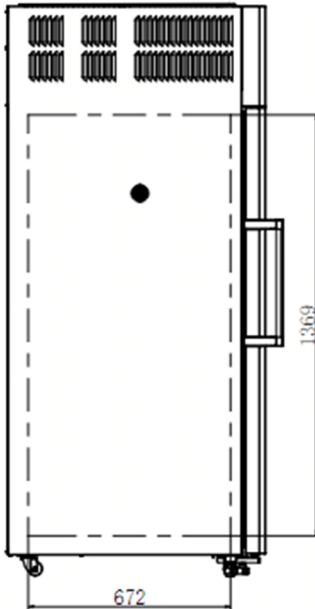
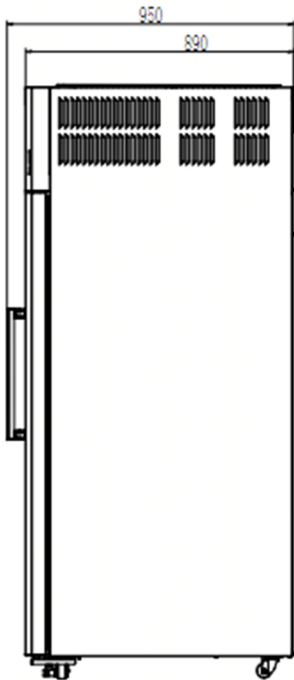
Can maintain real-time temperature display and alarms for 48 hours in case of power failure

Structure



Dimensions

Specification



-40°C Ultra-low Temperature Freezer		50Hz;60Hz
Model	DW-FL628F	
Capacity	628L/22.18Cu.Ft	
Internal Size (W*D*H) mm/inch	690*672*1369/27.17*26.46*53.9	
External Size (W*D*H) mm/inch	850*950*1955/33.46*37.4*76.97	
Package sSize (W*D*H) mm/inch	932*952*2085/36.69*37.48*82.09	
NW/GW (kgs)	182/205	
Performance		
Temperature Range	-20~-40°C	
Ambient Temperature	10-32°C	
Cooling Performance	-40°C	
Climate Class	SN	
Controller	Microprocessor	
Display	Digital Display	
Refrigeration		
Compressors	1pc	
Cooling Method	Air Cooling	
Defrost Mode	Auto	
Refrigerants	R290	
Insulation Thickness	D:84.5,L/R:80,B:85	
Construction		
External Material	Cold Rolled Steel Sheet	
Inner Material	Stainless Steel	
Shelves	4	
Access Test Port	1pcs. Ø 23 mm	
Casters	4 Casters with 2 Brakes(2 Leveling Feet)	
Data Logging/Export	Record every 10 mins/Max.12 months via USB	
Interface	Remote Alarm Contact, RS485	
Alarms		
Temperature	High/Low Temperature, High Ambient Temperature	
Electrical	Power Failure, Low Battery, Data Logger not connected	
System	Sensor Error, Communication Error, Door Ajar, Hot Condenser	
Electrical Data		
Power Supply(V/HZ)	220~240V/50Hz	220-240V/60Hz
Rated Current (A)	5.0	6.5

*Zhongke Meiling reserves the right to change products and specifications without prior notice.