Energy Saving Refrigeration
High efficiency cooling fans and compressors, combined with hydrocarbon refrigerants, ensure energy savings and long-term sample security

Multilayered Sealing Structure
Multilayered gaskets decrease heat loss and guarantee excellent warm up times in the event of a power failure

Pressure Equalisation Port
Heated Pressure Equalization Port allows users to re-open the main door quickly when entering
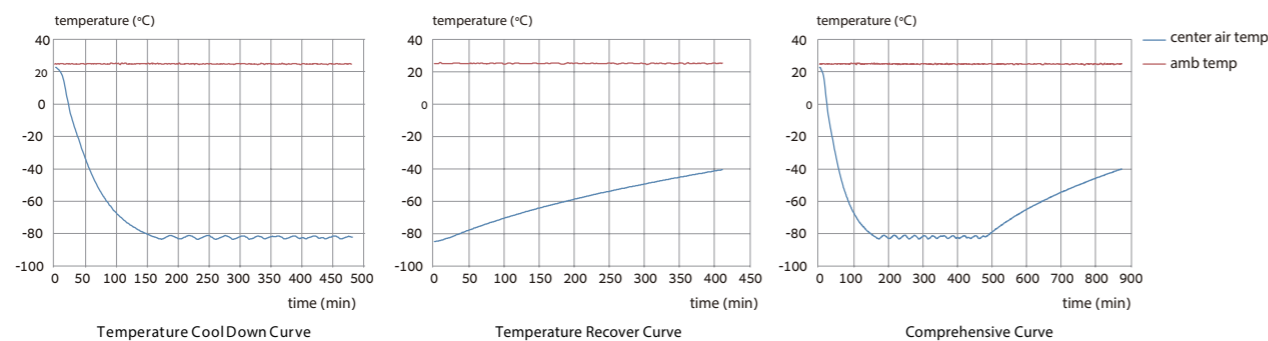Adopts chromium plating, rust-proof

Improved Handle Design
Lockable handle safeguards your precious samples. A padlock can also be added for extra sample safety

USB Interface
Enables users to download historical temperature data for compliance/auditing purposes

Multi-level Alarms
Alarm functions include high, low temperature, sensor error, power failure, high ambient, clean filter and door ajar

DW-86L578S

DW-86L578S | TYPICAL PERFORMANCE CHARACTERISTICS AT 25℃ AMBIENT

Temperature Cool Down Curve

Temperature Recover Curve

Comprehensive Curve
center air temp
amb temp

Specifications

	Model		DW-86L578S	DW-86L728S
Technical Data	Cabinet Type		Upright	Upright
	Climate Class		N	N
	Cooling Type		Direct Cooling	Direct Cooling
	Defrost Mode		Manual	Manual
	Refrigerant		HC	HC
	Sound Level (dB(A))		53	50
Performance	Cooling Performance (℃)		-86	-86
	Temperature Range (℃)		-40~-86	-40~-86
Control	Controller		Microprocessor	Microprocessor
	Display		LED	LED
Electrical Data	Power Supply (V/Hz)		220~240/50	220~240/50
	Electrical Current (A)		10	10
	Power Consumption (kWh/24h)		12	12
Construction	Capacity (L/Cu.Ft)		578/20.4	728/25.7
	Net/Gross Weight (approx)	kg	325/355	350/385
		lbs	716.5/782.6	771.6/848.8
	Interior Dimension (W*D*H)	mm	620*716*1310	766*716*1310
		in	24.4*28.2*51.6	30.2*28.2*51.6
	Exterior Dimension (W*D*H)	mm	895*998*1980	1046*998*1980
		in	35.4*39.3*78.0	41.2*39.3*78.0
	Packing Dimension (W*D*H)	mm	950*1055*2150	1100*1105*2150
		in	37.4*41.5*84.6	43.3*43.5*84.6
Loading Quantities	Container load (20'/40'/40'H)		12/24/24	10/20/20
Alarms	High/Low Temperature		Y	Y
	Hot Condenser		Y	Y
	Power Failure		Y	Y
	Sensor Error		Y	Y
	Low Battery		Y	Y
	High Ambient Temperature		Y	Y
	Door Ajar		Y	Y
Accessories	Caster		Y	Y
	Foot		Y	Y
	Porthole		Y/2	Y/2
	Shelves/Inner doors		3/4	3/4
	USB Interface		Y	Y
	Remote Alarm (Dry contacts)		Y	Y
	5V Power Supply Port		Y	Y
	Temperature Recorder		Optional	Optional
	RS485		Y	Y
	CO₂ Backup System		Optional	Optional
	LN₂ Backup System		Optional	Optional
Certifications	CE		Y	Y
	ENERGY STAR		Y	Y

S suffix - Dual independent refrigeration systems
Product appearance and specifications are subject to change without notice

TwinCool ULT Freezer