

DW-86L400D/600D/940D

Ultra low -86°C dual independent refrigeration system Freezers

Two independent refrigeration systems

The D series (Dual independent refrigeration systems) ULT freezers are newly designed to provide the highest level of security for valuable biological samples. Two individually controlled compressors provide a reliable and exceptionally stable -86°C ultra-low temperature environment. In the case of unexpected failure of one of the cooling circuits, the other circuit will maintain the freezer continuously in the -70°C range.



Features

- Two independent refrigeration systems in one -86°C freezer.
- Conventional ULT freezers with single or cascade refrigeration circuits cannot achieve the -70°C range when one compressor fails.
- CFC-free refrigerant.
- High-precision micro-computer control, temperature digital display.
- High and low temperature alarm.
- Wide voltage design, the voltage instability under normal use.
- The safety locks designed to prevent arbitrary open.
- Castors Included.

Technical specifications

Model No.	DW-86L400D	DW-86L600D	DW-86L940D
Net volume	400L	600L	940L
Temperature range, at 10°C to 30°C AMB	-40°C to -86°C	-40°C to -86°C	-40°C to -86°C
Input Power	900W	1000W	1200W
Defrosting method	manual	manual	manual
Temperature display	Digital	Digital	Digital
Alarm	Audible/Visible	Audible/Visible	Audible/Visible
Compressor	Danfoss (SECOP), 2PCS	Danfoss (SECOP), 2PCS	Danfoss (SECOP), 2PCS
Fan for condenser	EBM	EBM	EBM
Refrigeration system	Single Stage	Single Stage	Single Stage
Refrigerant	Nature R	Nature R	Nature R
Exterior dimensions in mm(w/d/h)	850/930/1950	940/950/1920	1240/1000/2000
Interior dimensions in mm(w/d/h)	550/630/1140	700/680/1255	1000/700/1335
Interior	304 stainless steel	304 stainless steel	304 stainless steel
Inner door	4	4	4
Adjustable stainless steel plate shelves	3	3	3
No. of castors	4	4	4
Net weight, kg	260	280	330

We reserve the right to change specifications without notice. Subject to confirmation and availability.