AUCMA CO.,LTD.

315 Qianwangang Road,, Economic & Technological Development Zone, QINGDAO, CHINA 266061

PRODUCT SPECIFICATION

Model	DW-86L630
Photo	
Capacity (gross)	630L
Capacity (net)	611L
Type	vertical
Temperature range	-40~-86℃
Increment of adjustment	0.1℃
Power supply	230V~/50Hz
Power	1200W
Power consumption, kWH/24h	22,5
Climate class (N, SN, T, ST or 4, 4+, 5)	4
Noise level dB	60
Automatic/ manual defrost	manual
Equipped with PT100 probe	yes
Ambient temperature in which the freezer operates	10℃~32℃
Interior dimension	810*655*1200mm
Exterior dimension	1105*1055*1940mm
Package dimension	1190*1084*1998mm
Net/gross weight	339/375Kg
Insulation layer	PU
Insulation thickness	130mm
Thickness of outer door	70mm

Thickness of inner door	30mm
Internal material	electric zinc plate
Door frame material	cold rolled steel sheet
Compressor	hermetic
Name of Compresor	GS26CLX SECOP
Refrigerant	R404A/R508B/R290
Evaporator type	skin evaporator
Condensor type	fin
External material	galvanized steel powder coated
Inner and outer double door design	yes
Door reversible	no
Shelf	3
Adjustable shelves	yes
Shelves fixing	bottom support
Max. Shelves load	80kg
Wheel	universal wheel
Wheel	no with locking function, 200kg
Adjustable legs	two adjusting foot
Lock with key	yes
Thermometer hole design	two
Cooling time from room temperature to -80^0C	7 h
Time to maintain temperature in the event of a power failure of at least 20h	Set -80^0C power off 1h temperature -70^0C, power off 3h temperature -60^0C, power off 20h temperature 0^0C
The ability to maintain the operating temperature at -70°C even in the event of a complete failure of one of the compressors	No, it will not work if one compressor failed
Anti-suction system for exterior doors, using two pressure equalizing ports (automatic and manual)	automatic
Thermal insulation – vacuum with fiberglass core	no
The ability to manually mute the acoustic alarm	yes
Factory made cable ports with a minimum diameter of 15mm (not less than 3 ports)	3*1,5 mm
Number of racks for at least eq.20 cryogenic boxes	two types of racks: one type with 20 pcs boxes and the other with 16 pcs boxes
Number of cryogenic boxes witch can be placed in the chamber	2 in 360 pcs
Micro-computer features	
Temperature controller	electronic temperature controller
Temperature display	LCD display with colorful touch screen
USB connection	yes
Approx.12 hrs. of battery backup for alarms and temperature alarms and temperature display in the event of power cut	yes, 12 hrs.

Prepared for GSM alarm module	high temperature, low temperature, high voltage, high ring temperature, sensor failure, power failure, condenser dirty, long open door time, low battery power alarm
Auto cycle in case of probe failure	yes
Ambient temperature display	yes
Direct download of logged data on USB memory stick	yes
Direct upload o new software via USB memory stick	yes
Password protected	yes
Temperature graph	yes
Integrated data logger	yes
RS485/RS232 interface	yes
Integrated memory for eq. 10 years	yes
Alarm features	
High low temperature alarm - Buzzer alarm	yes
High low temperature alarm - Light alarm	yes
High low temperature alarm - Remote alarm	optional
Sensor malfuction alarm - Buzzer alarm	yes
Sensor malfuction alarm- Light alarm	yes
Sensor malfuction alarm - Remote alarm	optional
Under voltage alarm - Buzzer alarm	yes
Under voltage alarm - Light alarm	yes
Under voltage alarm - Remote alarm	optional
Open the door alarm - Buzzer alarm	yes
Open the door alarm - Light alarm	yes
Open the door alarm - Remote alarm	optional
Condenser dirty alarm - Buzzer alarm	yes
Condenser dirty alarm - Light alarm	yes
Condenser dirty alarm - Remote alarm	no
Low battery alarm - Buzzer alarm	yes
Low battery alarm - Light alarm	yes
Low battery alarm - Remote alarm	no
Power failure alarm - Buzzer alarm	yes
Power failure alarm - Light alarm	yes
Power failure alarm - Remote alarm	no
Over pressure alarm - Buzzer alarm	yes
Over pressure alarm - Light alarm	yes
Over pressure alarm - Remote alarm	no
Over ambient temperature alarm - Buzzer alarm	yes
Over ambient temperature alarm - Light alarm	yes
Over ambient temperature alarm - Remote alarm	no