

# MODEL: USDW-HL388S. Ultra Low Temperature Freezer



Model:USDW-HL388S	-86°C freezer
Effective Capacity	13.7 cu ft
temp. range	-40°C~-86°C
Compressor qty	1
Compressor brand	Danfoss brand, hermetic
Fan motor	EBM
Evaporator	D-form copper tube
Shelves(adjustable)	3 pcs
Inner doors(foaming)	2 pcs
Inner material of chamber	304 grade stainless steel
External material	SPCC steel with powder coating
Door Lock	Yes
Access test port:	2 as standard, inner side is 3/4", outside is 1 1/2"
Optional parts :	CO2 back up system Chart recorder DW-HL388S:Inventory rack with box(12/300) DW-HL528S:Inventory rack with box(16/400) Low voltage surge protector
Alarm system	Visual & Audio High/low temperature alarm, power failure alarm, low battery alarm, Door ajar alarm, filter blocking alarm, system failure alarm
Input Power	1030W
Voltage&Frequency	110V,60hz
Rated current	11.8A
Refrigerant	CFC-free, mixture gas
Climatic	N
NW/GW(lbs)	555/607 lbs
External size(WDH)	29 3/4" x 41 3/4" x 77 1/8"
Internal size(WDH)	17 1/2" x 27 1/2" x 49 3/4"

The USDW-HL388 is a 13 cu.ft ultra-low freezer that is perfect for customers that need a storage solution with a small footprint at a low price. This is a great unit for hospitals and university labs.



### CONTROL SYSTEM:

- Intelligent & 7 inch LED touch screen controller, blue-ray background light, easy using;
- Inside temperature can be set freely from -40°C~-86°C
- Safety alarm system included high or low temperature , power failure, Low battery level, door opening, filter blocking, system failure and etc;
- Machine startup delay, power off protection;
- 72 hours battery backup for controller display.
- USB interface for data storage

### STRUCTURE DESIGN:

- Independent 2 inner doors with foaming insulation inside for better temperature performance
- External high quality structure steel, inner 304 grade stainless steel
- Front opening lockable door with full height handle;
- 3 high strength shelf made of SS304, resistant to corrosion and easy to clean;
- 100mm foaming insulation with Vacuum isolation panel to ensure the stability of temperature
- Noise level as low as 48 dba
- PT-100 platinum resistance sensors which is very sensitive to the temperature changing;
- Keyboard lock and password protected to prevent the adjustment of the operating parameters;
- Fitted with 4 PCS casters & level feet for easy moving;
- Safety door lock, dual-door design;

### REFRIGERATION SYSTEM:

- Adopted Danfoss compressor, EBM fans from Germany;
- CFC-FREE patent mixture refrigerant ensure environmental protection & safety.
- Certificate: CE certificate, ISO9001, ISO14001,ISO13485,ETL

### OPTIONAL PARTS AND ACCESSORIES:



Intelligent monitor



Chart Record



USB interface



CO2/LN2 back-up system

