Ultra Low Temperature Freezer

HUMAN Lab ® **UF Series**

① Features

- These freezer utilize sophisicated system built of high quality refrigeration components with non-CFC refrigerant
- The microprocessor controller with digital diplay shows set & actual temperature
- The double gaskets of door, and automatic defrosting
- Automatic voltage booster and power surge protection
- Sub-zero treated SS interior and double layer insulation minimize temp. fluctation.

② Specifications

● Upright type

Model	UF8606	UF8640	UF8650	UF8660
Capacity	64 liter	385 liter	498 liter	612 liter
Chamber (WxBxH)	500x430x300mm	590x510x1280mm	590x660x1280mm	725x666x1280mm
Temp. range	-40℃ to -86℃ ±1℃			
Refrigerator	2 stages, non-CFC refrigerant, heated defrosting system			
Material / Insulation	Sub-zero tested steel plate, double layer door and foamed urethane insulation			
Control & display	Microprocessor digital control & LED display			
Power source	220VAC / 50,60Hz with voltage booster			
Overall (WxDxH)	760x700x885mm	850x780x1995mm	850x930x1995mm	985x930x1995mm
Weight (Kg)	130	280	350	425

● Chest type

Model	UF9010	UF9020	UF9030	UF9040
Capacity	101 liter	202 liter	303 liter	405 liter
Chamber (WxBxH)	300x500x675mm	600x500x675mm	900x500x675mm	1200x500x675mm
Temp. range	-40℃ to -88℃ ±1℃			
Refrigerator	2 stages, non-CFC refrigerant, heated defrosting system			
Material / Insulation	Sub-zero tested steel plate, double layer door and foamed urethane insulation			
Control & display	Microprocessor digital control & LED display			
Power source	220VAC / 50,60Hz with voltage booster			
Overall (WxDxH)	1030x820x1030mm	1330x820x1030mm	1630x820x1030mm	1930x820x1030mm
Weight (Kg)	180	215	250	290

③ Options

1) CO2 Back-up system / BU0070

- A back-up system to take care of temperature increase due to equipment malfunction or power outage
- By spraying CO_2 into the freezer interior, the set temperature can be maintained for a set period of time
- Operated by rechargeable batteries Capable of temperature setting
- Consisting of connection tube, nozzle, temperature and sensor

CO2 Back-up system   CR0607   AR0100

2) Temperature Recorder / CR0607

- Divided into 7-day periods 6" round recording paper
- Easy understanding the fluctuations of the temperature by continuous recording on one sheet
- Unnecessary for ink because of using a pressure recording pen

3) Temperature Recorder / AR0100

- Recording by using one ink pen 100mm continuous paper
- Dimension 144 W x 144 H x 200 D mm

4) Remote Alarm Unit

5) Electric Dooor Lock / Unlock System

Storage rack & box