



# ULTRA LOW TEMPERATURE FREEZER

UP-RIGHT TYPE  
DOUBLE DOOR  
DOUBLE CONTROLLER



## GENERAL SPECIFICATION :

- Up-right -80°C double door freezer
- Independent temperature control according to sample needs
- Stable temperature with triple-sealed silicon heated gasket to prevent ice collecting
- Vacuum relief port for easy door opening
- Automatic timer restart system after power failure
- Automatic voltage booster
- Four inner doors in the top and bottom chambers to minimize cold air loss during door openings
- CFC-Free refrigerant system, with air cooled condenser (water cooled optional)
- Anticorrosion inner chamber using stainless steel
- 130mm of high density polyurethane foam insulation
- Option : racks, cryobox, backup CO2 system, recorder, remote alarm system.

## CONTROL SYSTEM :

- Microprocessor control system
- Digital display (0.1°C increment)
- Password secured set point
- Top and bottom independent regulation system

## ALARM SYSTEM :

- Built-in, safety alarm system (audible & visual warning) in cases of power failure, sudden rise in temperature and open door
- Indicator advises to user to clean condenser filter

Model	DFUD-558CC	DFUD-558BC	DFUD-558AC	DFUD-558BB	DFUD-558AA	DFUD-657CC	DFUD-657BC	DFUD-657AC	DFUD-657BB	DFUD-657AA
Max temp.	Up -86°C	Up -55°C	Up -40°C	Up -55°C	Up -40°C	Up -86°C	Up -55°C	Up -40°C	Up -55°C	Up -40°C
	Bottom -86°C	Bottom -86°C	Bottom -86°C	Bottom -55°C	Bottom -40°C	Bottom -86°C	Bottom -86°C	Bottom -86°C	Bottom -55°C	Bottom -40°C
Dimension	(Out. W x D x H) 1000 x 950 x 1950									
	Each chamber (W x D x H) 750 x 620 x 600					Each chamber (W x D x H) 750 x 730 x 550				
Compressors	3x1.5HP	2x1.5HP	2x1.5HP	2x1.5HP	2x1HP	3x1.5HP	2x1.5HP	2x1.5HP	2x1.5HP	2x1HP
Capacity	511L	511L	511L	511L	602L	602L	602L	602L	602L	602L
Door (in/out)	4/2	4/2	4/2	4/2	4/2	4/2	4/2	4/2	4/2	4/2
Power supply	12A	8A	8A	8A	7A	12A	8A	8A	8A	7A
	220V 1Ph	220V 1Ph	220V 1Ph	220V 1Ph	220V 1Ph	220V 1Ph	220V 1Ph	220V 1Ph	220V 1Ph	220V 1Ph
Validation	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
Weight	415KG	410Kg	405Kg	410Kg	390Kg	430Kg	425Kg	420Kg	425Kg	405Kg