



Advance Biotech Solutions India Pvt. Ltd.

(Advance Technologies, Effective Solutions)



(An ISO 9001:2015 Certified Company)



POLE ★ ADVANCE

DEEP FREEZER (-40°)

ABSIPL is a market leader in refrigeration technology. ABSIPL representing market with widest range of Deep Freezer by own designed & manufactured refrigeration system with evaporators. This product is designed to store vaccines, blood plasma, biological materials. Applications could be found in the electronic and chemical laboratories epidemic prevention, hospitals, animal husbandry areas, blood banks and research institutes.



Key Features of Deep Freezer (-40) Chest Model

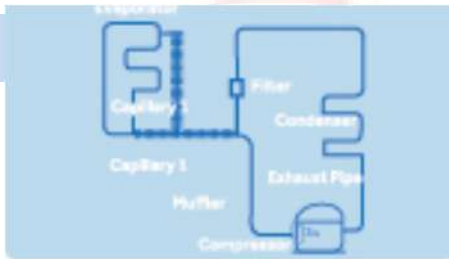
- Permanently lubricated cooling fan for safety and longevity.
- Chemically stable CFC-free, commercially available and environmentally safe refrigerant.
- Stainless Steel 304 Interior to ensure rust free storage & fast removal of product heat load.
- High density Polyurethane foam (PUF) insulation (100 mm) for rigidity and stable storage temperature.
- Microprocessor control digital display adjustable temperature range -10°C- -40°C
- LCD digital display for clear observation
- Wide voltage tolerance design with applicable voltage range of 185 – 250 V/AC
- Evaporator and Condenser system, guarantee freezing efficiency and uniformity of temperature
- Ergonomic design, more reliable and easy to operate

Safety System

- Multiple alarm functions: Higher or lower temperature alarm, sensor malfunction alarm, power off alarm
- Two kinds of alarm indicators: Auditable buzzing alarm & visual flashing alarm.
- Startup delay protection

Ergonomic Design

- Lockable door design to provide more safety and temperature stability.
- Door handle, easier to open and close
- Optional Stainless-Steel basket available for various storage application.
- LED digital display for easy observation
- Equipped with lockable casters, easy to move



Dual capillary tube

Improved temperature uniformity with dual capillary Tube design at the range of -20°C to -40°C .



Safety

Multiple malfunction Audio-visual alarms include high/ low temperature, Power failure, Hot Condenser and Sensor error.

Specification of all Model

Model	PSA-40W300	PSA-40W450	PSA-40W700
Cabinet Type	Chest	Chest	Chest
Climate Class	N	N	N
Cooling Type	Direct	Direct	Direct
Defrost Mode	Manual	Manual	Manual
Refrigerant	HC	HC	HC
Noise (dB)	50 dBA	55 dBA	55 dBA
Cooling performance (°C)	35°C	35°C	35°C
Temperature Range (°C)	-10°C to -40°C	-10°C to -40°C	-10°C to -40°C
Controller	Microprocessor	Microprocessor	Microprocessor
Display	LED/LCD	LED/LCD	LED/LCD
Power Supply (V/ Hz)	220-230V/50Hz	220-230V/50Hz	220-230V/50Hz
Power (W)	750	1000	1200
Electrical Current (A)	3.5	4	5
Capacity (Liters)	300 liters	450 liters	700 liters
Net/ Gross Weight (approx.)	225/275	275/325	350/400
Interior Dimension (W x D x H) in Inches	26 X 26 X 27	44 X 26 X 27	62 X 26 x 27
Exterior Dimension (W x D x H) in Inches	54 X 26 X 27	72 X 26 X 27	90 x 40 x 42
Packing Dimension (W x D x H) in Inches	59 X 43 X 45	77 X 43 X 45	95 x 43 X 45
High/ Low Temperature	Y	Y	Y
Hot Condenser	Y	Y	Y
Power Failure	Y	Y	Y
Sensor Error	Y	Y	Y
Low Battery	Y	Y	Y
Caster wheel	Y	Y	Y
Test Hole	Y	Y	Y
SS Basket	Optional	Optional	Optional
RS 232/485 Port	Optional	Optional	Optional
USB data logging port	Optional	Optional	Optional
Certification	CE Certified	CE Certified	CE Certified



ADVANCE BIOTECH SOLUTIONS INDIA PRIVATE LIMITED

(ADVANCE TECHNOLOGIES, EFFECTIVE SOLUTIONS)

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