



Advance Biotech Solutions India Pvt. Ltd.

(Advance Technologies, Effective Solutions)



(An ISO 9001:2015 Certified Company)



POLE ★ ADVANCE

DEEP FREEZER (-40°) DOUBLE / SINGLE DOOR

ABSIPL is a market leader in refrigeration technology. ABSIPL representing market with widest range of Deep Freezer by their OEM manufactured refrigeration system and 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. The new freezer model operates with two capillary tubes and is equipped with dual gasket to improve the temperature uniformity through the chamber drastically. It can be installed to satisfy tougher application requirements in universities, research institutions and blood banks.



Key Features of Deep Freezer (-40)

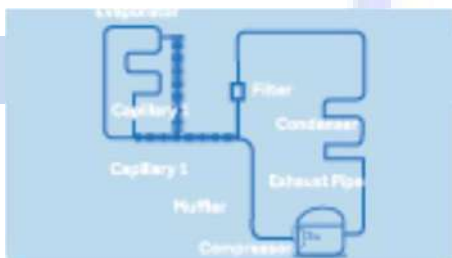
- Permanently lubricated cooling fan for safety and longevity.
- Chemically stable CFC-free, commercially available and environmentally safe refrigerant.
- Cold shelf design for fast removal of product heat load.
- High density foam insulation for rigidity and stable storage temperature.
- Microprocessor control digital display adjustable temperature range -10°C- -40°C
- LED digital display for clear observation
- Wide voltage tolerance design with applicable voltage range of 187 – 242 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: Audible buzzing alarm, visual flashing alarm.
- Start up delay protection

Ergonomic Design

- Ingenious design of lock, double padlock, providing more safety and reliable
- Door handle, easier to open and close
- Drawer/ S.S Shelf more convenient to use
- LED/LCD digital display for easy observation
- Equipped with lockable casters, easy to move
- S.S /ABS Interior and epoxy powder coated exterior.



Dual capillary tube

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



Safety

Multiple malfunction alarms include high/ low temperature, Power failure, Sensor error, low battery, high/low ambient temperature.

Door seals



Improved door seal design with two gaskets maintains Cabinet temperature more efficiently- Frost buildup is Reduced.



Lock



Door Handle



Control Panel



USB data logging Optional



Caster and feet



Chart Recorder

Specification of all Single Door Model

Model	PSA-40SDU300	PSA-40SDU350	PSA-40SDU400	PSA-40SDU450	PSA-40SDU525
Cabinet Type	Vertical				
Outer Door	Single Door				
Climate Class	SN				
Cooling Type	Direct				
Defrost Mode	Manual				
Refrigerant	HC				
Noise (dB)	48 dBA	48 dBA	50 dBA	50dBA	51 dBA
Cooling performance(°C)	-40°C				
Temperature Range (°C)	-10°C to -40°C				
Controller	Microprocessor				
Display	LED/LCD				
Power Supply (V/ Hz)	220-230V/50Hz				
Power (W)	650	650	700	700	750
Electrical Current (A)	3.5	3.5	4	5	6
Capacity (L/Cu. Ft)	300/ 11	350 /12	400 /14	450 /16	525/19
Net/ Gross Weight (approx.) kg	106/125	108/125	155/170	175/195	210/240
Interior Dimension (W x D x H) in Inches	22 X 20 X 36	22 X 23 X 38	24 X 24 X 42	26 X 24 X 48	30 X 30 X 48
Exterior Dimension (W x D x H) in Inches	25 X 26 X 64	27 X 28 X 68	29 X 28 X 75	31 X 29 X 78	36 X 36 X 78
Packing Dimension (W x D x H) in Inches	30 X 30 X 70	30 X 31 X 75	32 X 31 X 80	34 X 32 X 85	39 X 39 X 85
High/ Low Temperature	Y				
Hot Condenser	Y				
Power Failure	Y				
Sensor Error	Y				
Low Battery	Y				
Caster wheel	Y				
Test Hole	Y				
RS 232/485 Port	Optional				
USB data logging port	Optional				
Certification	CE Certified				

Specification of all Double Door Model

Model	PSA-40DDU425	PSA-40DDU500	PSA-40DDU575	PSA-40DDU625
Cabinet Type	Vertical			
Outer Door	Double Door			
Climate Class	N			
Cooling Type	Direct			
Defrost Mode	Manual			
Refrigerant	HC			
Noise (dB)	50 dBA	50 dBA	51 dBA	51 dBA
Cooling performance (°C)	35°C			
Temperature Range (°C)	-10°C to -40°C			
Controller	Microprocessor			
Display	LED/LCD			
Power Supply (V/ Hz)	220-230V/50Hz			
Power (W)	700	700	750	750
Electrical Current (A)	5	5.5	5.5	6
Capacity (L/Cu. Ft)	425/15	500 / 17.6	575 /20.3	625 /22
Net/ Gross Weight (approx.) kg	250/375	290/495	350/525	370/585
Interior Dimension (W x D x H) in Inches	25 X 24 X 48	28 X 26 X 48	30 X 30 X 50	30 X 32 X 52
Exterior Dimension (W x D x H) in Inches	30 X 29 X 75	34 X 36 X 75	35 X 34 X 78	36 X 36 X 78
Packing Dimension (W x D x H) in Inches	34 X 32 X 85	39 X 39 X 85	39 X 39 X 85	40 X 40 X 85
High/ Low Temperature	Y			
Hot Condenser	Y			
Power Failure	Y			
Sensor Error	Y			
Low Battery	Y			
Caster wheel	Y			
Test Hole	Y			
RS 232/485 Port	Optional			
USB data logging port	Optional			
Certification	CE Certified			

Specification of all Double Door Model

Model	PSA-40DDU670	PSA-40DDU750	PSA-40DDU850	PSA-40DDU950
Cabinet Type	Vertical			
Outer Door	Double Door			
Climate Class	N			
Cooling Type	Direct			
Defrost Mode	Manual			
Refrigerant	HC			
Noise (dB)	50 dBA	50 dBA	51 dBA	51 dBA
Cooling performance (°C)	35°C			
Temperature Range (°C)	-10°C to -40°C			
Controller	Microprocessor			
Display	LED/LCD			
Power Supply (V/ Hz)	220-230V/50Hz			
Power (W)	750	800	850	1000
Electrical Current (A)	6	6.5	8	9.5
Capacity (L/Cu. Ft)	600/21	750 / 25	850 /28	950 /32
Net/ Gross Weight (approx.) kg	325/375	415/495	475/525	510/585
Interior Dimension (W x D x H) in Inches	30 X 32 X 48	32 X 34 X 42	36 X 36 X 50	38 X 40 X 56
Exterior Dimension (W x D x H) in Inches	37 X 38 X 68	39 X 39 X 75	45 X 45 X 78	46 X 46 X 78
Packing Dimension (W x D x H) in Inches	44 X 44 X 75	45 X 45 X 80	50 X 50 X 85	50 X 50 X 85
High/ Low Temperature	Y			
Hot Condenser	Y			
Power Failure	Y			
Sensor Error	Y			
Low Battery	Y			
Caster wheel	Y			
Test Hole	Y			
RS 232/485 Port	Optional			
USB data logging port	Optional			
Certification	CE Certified			



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