



Advance Biotech Solutions India Pvt. Ltd.

(Advance Technologies, Effective Solutions)



(An ISO 9001:2015 Certified Company)



POLE ★ ADVANCE

DEEP FREEZER (-25°)

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.



Note: Product appearance and specifications are subject to change without notice

Key Features of Deep Freezer (-25)

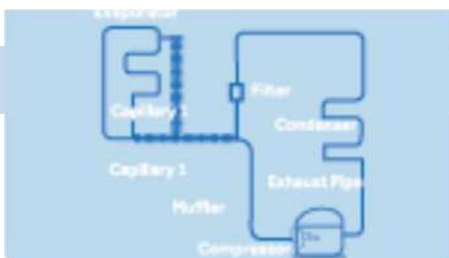
- Permanently lubricated cooling fan for safety and longevity.
- Chemically stable CFC-free, commercially available and environmentally safe refrigerant.
- Cold shelf design for fast removal of product heat load.
- Temperature uniformity $\pm 1-3^{\circ}\text{C}$.
- High density foam insulation for rigidity and stable storage temperature.
- Microprocessor control digital display adjustable temperature range -10°C - -25°C
- LED digital display for clear observation
- S.S interior/ Cryo Plastic interior and epoxy powder coated exterior.
- 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
- Temperature accuracy shown in 0.1°C .

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.
- Copper use in all type of tubes and coil.
- Start up delay protection

Ergonomic Design

- Ingenious design of lock, double padlock, providing more safety and reliable
- Door handle, easier to open and close
- 100 /128mm ground clearance.
- Drawer, more convenient to use
- 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 -10°C to -25°C .



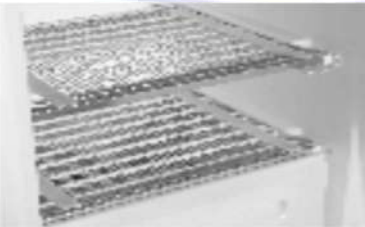
Safety

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.



Evaporating Shelf



Lock



Control Panel



Door Handle

Specification of all Single Door Model

Model	PSA-25SDU150	PSA-25SDU250	PSA-25SDU300	PSA-25SDU350	PSA-25SDU400	PSA-25SDU450	PSA-25SDU525
Cabinet Type	Vertical						
Outer Door	Single Door						
Climate Class	N						
Cooling Type	Direct						
Defrost Mode	Manual						
Refrigerant	HC						
Noise (dB)	50 dBA	50 dBA	50 dBA	50 dBA	51 dBA	51 dBA	51 dBA
Cooling performance(°C)	35°C						
Temperature Range (°C)	-10°C to -25°C						
Controller	Microprocessor						
Display	LED/LCD						
Power Supply (V/ Hz)	220-230V/50Hz						
Power (W)	650	650	650	650	700	700	750
Electrical Current (A)	3.5	3.5	3.5	3.5	4	5	6
Capacity (L/Cu. Ft)	150	250	300/ 11	350 /12	400 /14	450 /16	525/19
Net/ Gross Weight (approx.) kg	150/180	210/250	210/250	225/275	255/295	275/325	310/340
Interior Dimension (W x D x H) in Inches	22 X 21 X 45	24 X 24 X 50	24X 24 X 52	24 X 25 X 52	26 X 24 X 55	26 X 24 X 55	30 X 30 X 55
Exterior Dimension (W x D x H) in Inches	25 X 25 X 64	25 X 25 X 64	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 30 X 70	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-25DDU425	PSA-25DDU600	PSA-25DDU750	PSA-25DDU850	PSA-25DDU950	PSA-25DDU1300
Cabinet Type	Vertical					
Outer Door	Double Door					
Climate Class	N					
Cooling Type	Direct					
Defrost Mode	Manual					
Refrigerant	HC					
Noise (dB)	50 dBA	50 dBA	50 dBA	51 dBA	51 dBA	51 dBA
Cooling performance (°C)	35°C					
Temperature Range (°C)	-10°C to -25°C					
Controller	Microprocessor					
Display	LED/LCD					
Power Supply (V/ Hz)	220-230V/50Hz					
Power (W)	650	750	800	850	1000	1100
Electrical Current (A)	5	6	6.5	8	9.5	10
Capacity (L/Cu. Ft)	425	600/21	750 / 25	850 /28	950 /32	1300
Net/ Gross Weight	250/275	325/375	415/495	475/525	510/585	585/615
Interior Dimension (W x D x H) inches	28 X 32 X 45	30 X 32 X 48	32 X 34 X 42	36 X 36 X 50	38 X 40 X 56	42 X 42 X 56
Exterior Dimension (W x D x H) inches	32 X 38 X 60	37 X 38 X 68	39 X 39 X 75	45 X 45 X 78	46 X 46 X 78	48 X 48 X 78
Packing Dimension (W x D x H) inches	38 X 44 X 68	44 X 44 X 75	45 X 45 X 80	50 X 50 X 85	50 X 50 X 85	50 X 55 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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