ISO 13485 · Green CFC-Free · Backup Control · Auto Dial · Dual Defrost · 1 Point Temperature Calibration · Auto Run

Performance

- Fully insulated chamber ensuring minimal chamber's temperature fluctuation.
- High thermal efficiency evaporation system, made of low corrosive materials.
- Auto-defrost system for automatic frost removal and manual defrost system for immediate frost removal.

Convenience

- Intuitive and easy-to-operate control panel with VFD and touch-sensitive buttons.
  - Easy temperature unit conversion between ℃ and ℉
- High-quality 304 grade stainless steel interior.
- Easy to store samples with smooth full-extension sliding drawers.
- Precise documentation is available by the provided chart type recorder.
- Clear observation of stored samples.
  - Tempered glass door with built in heating wire.
  - Energy efficiency, long life span LED lighting.

Safety

- Dual temperature controllers for safe pharmaceutical storage.
  - If one controller fails to adjust temperature, then the other automatically activates to counteract the failure.
- Battery backup for emergency caused by power failures.
- Built in auto-dialing remote alarm to alert abnormal temperature changes or power failures.
- High/low temperature protection, Over current protection.
- Open door alarm and automatic fan stop interlocked with door opening for minimization of heat loss.
- Keypad lock function, Built in door lock with a key.

Ideal for pharmaceutical, clinical laboratories

Eco-friendly lab refrigeration systems with advanced safety features providing stable refrigerated environments (ISO13485 / DIN 58345)
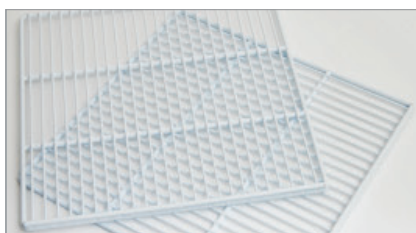

PSR-300

Standard accessories
see page 141

- Chart type recorder
- Auto dialing remote system
- Slide drawers, Door key

Refrigerators & Freezers

Model	PSR-300	PSR-650	
Chamber volume (L / cu ft)	303 / 10.7	614 / 21.7	
Temperature range (℃ / ℉)	2 to 10 / 35.6 to 50		
Refrigerator (Hp)	1/6	1/3	
No. of drawer shelf, slide (standard / max.)	4 / 4	6 / 6	
Max. load per shelf (kg / lbs)	26 / 57.3	30 / 66.1	
Material	Interior	Stainless steel #304	
	Exterior	Steel, 1 mm, powder coating	
	Insulation	60mm, Polyurethane foam	
Dimension (W×D×H)	Interior (mm / inch)	550x550x1000 / 21.7×21.7×39.4	700x640x1370 / 27.6×25.2×53.9
	Exterior (mm / inch)	670x770x1515 / 26.4×30.3×59.6	820x860x1885 / 32.3×33.9×74.2
	Net weight (kg / lbs)	130 / 286.6	210 / 463
Electrical requirements (230V)	50/60Hz, 2.8A	50Hz, 3.8A	60Hz, 3.8A
Cat. No.	AAHE6015K	AAHE6022K	AAHE6021K
Electrical requirements (120Hz)	60Hz, 5.5A	60Hz, 7.5A	
Cat. No.	AAHE6013U	AAHE6023U	

※ Technical data according to DIN 58345.
※ FDA establishment registered company. FDA listed products.

Wire shelves

Wire shelves (slide type)

Drawer shelves (slide type)

Dot recorder

Chart recorder

Thermal line recorder

for Laboratory Cooling

Cat. No.	Description	CLG-150	CLG-300	CLG-650	CLG-850	CLG-1400
AAAE1511	Wire shelves - flat type (included shelf bracket)	•	•	-	-	-
AAAE1512		-	-	•	-	•
AAAE1513		-	-	-	•	-
AAAE1514	Wire shelves - slide type (included guide rail)	•	•	-	-	-
AAAE1515		-	-	•	-	•
AAAE1516		-	-	-	•	-
AAAE1517	Drawer shelves - slide type (included guide rail)	•	•	-	-	-
AAAE1518		-	-	•	-	•
AAAE1519		-	-	-	•	-
AAAE1562	Recorder set; Recorder (dot type, 6 point) with Temp. sensor	•	•	•	•	•
AAAE1501	Recorder set; Recorder (chart type, 6″, 24hr / 7day) with Temp. sensor	•	•	•	•	•
AAAE1502	Chart recorder paper (6″, 60ea/1 package)	•	•	•	•	•
AAAE1563	Recorder set; Recorder (thermal line type) with Temp. sensor	•	•	•	•	•
AAAE1551	Auto dialing remote system	•	•	•	•	•
AAAE1521	Cable port	-	•	•	•	•
AAAE1531	Electric outlet (120V-US style)	-	•	•	•	•
AAAE1532	Electric outlet (230V-Korea style)	-	•	•	•	•

Cat. No.	Description	FHG-150 / FMG-150	FHG-300 / FMG-300	FHG-650 / FMG-650	FCG-150	FCG-300 / FDG-300	FCG-650 / FDG-650
AAAE1511	Wire shelves - flat type (included shelf bracket)	•	•	-	•	•	-
AAAE1512		-	-	•	-	-	•
AAAE1517	Drawer shelves - slide type (included guide rail)	•	•	-	•	•	-
AAAE1518		-	-	•	-	-	•
AAAE1562	Recorder set; Recorder (dot type, 6 point) with Temp. sensor	•	•	•	•	•	•
AAAE1501	Recorder set; Recorder (chart type, 6″, 24hr / 7day) with Temp. sensor	•	•	•	•	•	•
AAAE1502	Chart recorder paper (6″, 60ea/1 package)	•	•	•	•	•	•
AAAE1563	Recorder set; Recorder (thermal line type) with Temp. sensor	•	•	•	•	•	•
AAAE1551	Auto dialing remote system	•	•	•	•	•	•

for Medical Cooling

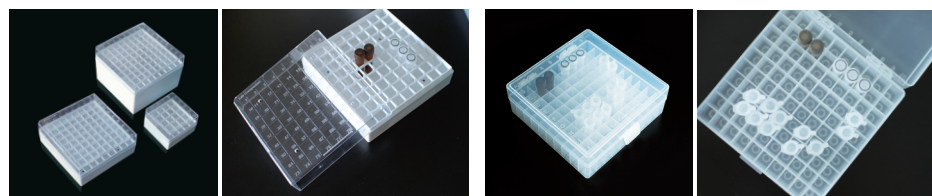| Cat. No.	Description	BSR-300	BSR-650
AAAE1517	Drawer shelves - slide type (included guide rail)	•	-
AAAE1518		-	•
AAAE1501	Recorder set; Recorder (chart type, 6″, 24hr / 7day) with Temp. sensor	•	•
AAAE1502	Chart recorder paper (6″, 60ea/1 package)	•	•
AAAE1551	Auto dialing remote system	•	•

Cat. No.	Description	BSF-300	BSF-650
AAAE1517	Drawer shelves - slide type (included guide rail)	•	-
AAAE1518		-	•
AAAE1501	Recorder set; Recorder (chart type, 6″, 24hr / 7day) with Temp. sensor	•	•
AAAE1502	Chart recorder paper (6″, 60ea/1 package)	•	•
AAAE1551	Auto dialing remote system	•	•

Cat. No.	Description	PSR-300	PSR-650
AAAE1511	Wire shelves - flat type (included shelf bracket)	•	-
AAAE1512		-	•
AAAE1514	Wire shelves - slide type (included guide rail)	•	-
AAAE1515		-	•
AAAE1517	Drawer shelves - slide type (included guide rail)	•	-
AAAE1518		-	•
AAAE1501	Recorder set; Recorder (chart type, 6″, 24hr / 7day) with Temp. sensor	•	•
AAAE1502	Chart recorder paper (6″, 60ea/1 package)	•	•
AAAE1551	Auto dialing remote system	•	•

Cryo box / Storage box

Cryo box is designed for ultra-low temperature storage of biological materials. (heat resistance : -196℃ to 121℃)
Storage box is suitable for storage of samples in general conditions. (heat resistance: 20℃ to 121℃)

Cryo box

Storage box

Cat. No.	Description	Dimension (W×D×H) (mm / inch)
AAAJ7001	Cryo box (PC, 1.2 to 2.0ml tubes x 25)	77×77×53 / 3.0×3.0×2.1
AAAJ7002	Cryo box (PC, 1.2 to 2.0ml tubes x 81)	132×132×54 / 5.2×5.2×2.1
AAAJ7003	Cryo box (PC, 5ml tubes x 81)	132×132×96 / 5.2×5.2×3.8
AAAJ7011	Storage box (PP, 1.2 to 2.0ml tubes x 100)	140×140×53 / 5.5×5.5×2.1

※ 5ea for 1 set.