

Low Temp. Incubators (Air-jacketed)



Specially designed for optimal temperature control as well as minimal sample contamination caused by external air intrusion.



IL-11A

Standard accessories • Wire shelves (2ea for IL-11A, 3ea for IL-21A)

Optional accessories • Perforated shelves
see page 88

Performance

- Temperature range from 4°C to 60°C.
- Microprocessor PID control /Temperature calibration / Automatic tuning.
- Natural convection within the chamber induced by the heater and the fan located inside the air jacket.
- Adjustable three-step fan speed with defrosting time and period control.

Convenience

- Large chamber volume: maximum 254L.
- Intuitive control panel with bright LED display. (0.1°C resolution)
- Dual delayed on/off timer modes. (1 min. to 99 hr. 59 min.)
- Convenient preset function for 3 most commonly used temperature settings.
- Up to 9 temperature steps and maximum 200 cycles of repetition programmable for each profile.
- Built-in electrical outlet with a safety cover inside the chamber.
- Convenient sample monitoring without affecting chamber temperature via the inner tempered-glass door.
- Rounded inner chamber corners for easy cleaning and optimal airflow.
- RS-232 interface for external control and data collection.

Safety

- Automatic run after power interruption.
- Keypad lock function prevents accidental changes during operation.
- Over-temperature and over-current protection.
- Audible and visible open door alarms.

Model	IL-11A		IL-21A	
Chamber volume (L / cu ft)	162 / 5.7		254 / 9	
Refrigerator (Hp)	1 / 6 HBP		1 / 4 HBP	
Temperature	Range (°C / °F)		+4 to 60 / +39.2 to 140	
	Fluctuation ¹⁾ at 25°C (±°C / °F)		0.2 / 0.36	
	Variation ¹⁾ at 25°C (±°C / °F)		0.5 / 0.9	
Dimension (WxDxH)	Interior (mm / inch)		500×540×940 / 20×21.3×37	
	Exterior (mm / inch)		670×760×1680 / 26×30×66	
	Net weight (Kg / lbs)		108 / 238.1	
Electrical requirements (230V)	60Hz, 6.9A	50Hz, 6.9A	60Hz, 8.4A	50Hz, 8.4A
Cat. No.	AAH22061K	AAH22062K	AAH22071K	AAH22072K
Electrical requirements (120V)	60Hz, 10.2A		60Hz, 12.3A	
Cat. No.	AAH22063U		AAH22073U	

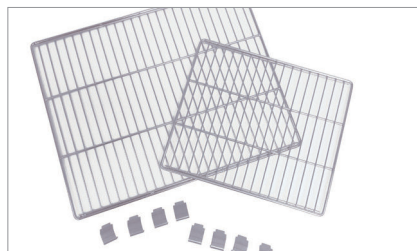
¹⁾Technical data according to DIN 12880.

* Temperature change may occur during automatic defrost.

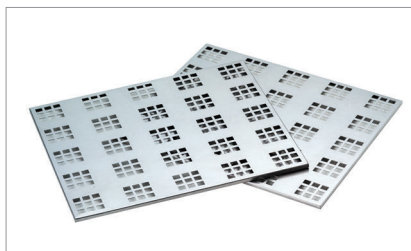
* FDA establishment registered company. FDA listed products.

Accessories & Options

for Incubators



Wire shelves



Perforated shelves



Universal platforms

Wire shelves

Stainless steel and electro-polished shelves are readily removed without using tools for easy cleaning.

Cat. No.	Description			Suitable for
	Included	Maximum	WxL (mm / inch)	
EDA8136	2	7	366x316 / 14.4x12.4	IB-05G
EDA8135	2	11	446x366 / 17.6x14.4	IB-15G
EDA8137	2	11	576x419 / 22.7x16.5	IB-25G
EDA8136	2	10	366x316 / 14.4x12.4	IB-01E
EDA8220	2	13	466x490 / 17.6x19.3	IB-11E
EDA8219	2	14	566x466 / 22.3x17.6	IB-21E
EDA8136	4	14	366x316 / 14.4x12.4	IB-02G-2C
	8	28		IB-02G-4C
EDA8219	2	11	566x466 / 22.3x17.6	IL-11/11A
	4	22		IL-11-2C
	8	44		IL-11-4C
EDA8220	3	25	466x490 / 17.6x19.3	IL-21/21A
EDA8223	1	5	195x310 / 7.7x12.2	ILP-02
EDA8221	2	10	305x299 / 12x11.8	ILP-12
EDA8235	2	8	416x406 / 16.4x16.0	ISS-3075/R
EDA8233	2	11	516x506 / 20.3x19.9	ISS-4075/R
EDA8244	2	5	247x247 / 9.7x9.7	IM-10

Perforated shelves

Stainless steel shelves are readily removed without using tools for easy cleaning.

Cat. No.	Description			Suitable for
	Maximum	WxL (mm / inch)		
AAA12531	7	366x316 / 14.4x12.4		IB-05G
AAA12532	11	446x366 / 17.6x14.4		IB-15G
AAA12535	11	576x419 / 22.7x16.5		IB-25G
AAA12531	10	366x316 / 14.4x12.4		IB-01E
AAA22522	13	466x490 / 17.6x19.3		IB-11E
AAA22521	14	566x466 / 22.3x17.6		IB-21E
AAA12531	14	366x316 / 14.4x12.4		IB-02G-2C
	28		IB-02G-4C	
AAA22521	11	566x466 / 22.3x17.6		IL-11/11A
	22		IL-11-2C	
	44		IL-11-4C	
AAA22522	25	466x490 / 17.6x19.3		IL-21/21A
AAA24501	5	195x310 / 7.7x12.2		ILP-02
AAA24502	10	305x299 / 12x11.8		ILP-12
AAA24511	5	247x247 / 9.7x9.7		IM-10

Stacking kits

Stackable up to 2 units using exclusive stacking kits for space saving.

Cat. No.	Description	Suitable for
AAA21521	Stacking kits for stackable chambers	IB-05G
AAA21522	Stacking kits for stackable chambers	IB-15G
AAA21523	Stacking kits for stackable chambers	IB-25G
AAA26501	Stacking kits for stackable chambers	IB-01E
AAA26502	Stacking kits for stackable chambers	IB-11E
AAA26503	Stacking kits for stackable chambers	IB-21E