

## Incubators (General)



Versatile air-jacketed natural convection incubators.



### IB-05G

#### Standard accessories

- Wire shelves (2ea)

#### Optional accessories see page 88

- Perforated shelves
- Stacking kits for stackable chambers

### Performance

- Temperature range from ambient +5°C to 70°C.
- Microprocessor PID control / Temperature calibration / Automatic tuning.
- Vibration-free design ideal for yeast cultivation.
- Air-jacketed natural convection is beneficial for Uniform temperature distribution and minimal sample contamination caused by external air intrusion.
- Durable incoloy heating element with radiator fans for efficient heat dissipation.

### Convenience

- Intuitive control panel with bright LED display. (0.1°C resolution)
- Dual wait on/off timer modes. (1 min. to 99 hr. 59 min.)
- Convenient preset function for 3 most commonly used temperature settings.
- Convenient sample monitoring without affecting chamber temperature via the inner tempered-glass door.
- Rounded inner chamber corners for easy cleaning and optimal airflow.
- Fully insulated dual-wall door with magnetic rubber gasket.
- Built-in cable port to use other instruments inside the chamber. (diameter: 38mm, provided silicon or rubber cap)
- RS-232 interface for external control and data collection.
- Stackable up to 2 units using the optional stacking kit. (optional)

### 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.

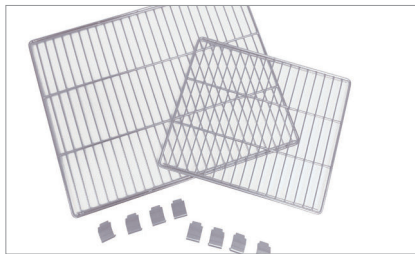
Model	IB-05G	IB-15G	IB-25G	
Chamber volume (L / cu ft)	60 / 2.1	102 / 3.6	151 / 5.3	
Temperature	Range (°C / °F)	Amb. +5 to 70 / Amb. +9 to 158		
	Fluctuation <sup>1)</sup> at 37°C (±°C / °F)	0.1 / 0.18	0.1 / 0.18	0.2 / 0.36
	Variation <sup>1)</sup> at 37°C (±°C / °F)	0.6 / 1.08	0.2 / 0.36	0.6 / 1.08
Dimension (WxDxH)	Interior (mm / inch)	400×360×420 / 15.7×14.2×16.5	480×410×520 / 18.9×16.1×20.5	610×460×540 / 24×18×21.3
	Exterior (mm / inch)	595×555×745 / 23×22×29	675×605×855 / 27×24×34	805×655×885 / 32×26×35
	Net weight (Kg / lbs)	45 / 99	55 / 121	62 / 136
Electrical requirements (230V, 50 / 60Hz)	1.3A	2.2A	3.1A	
Cat. No.	AAH21162K	AAH21172K	AAH21182K	
Electrical requirements (120V, 50 / 60Hz)	2.8A	4.6A	6.4A	
Cat. No.	AAH21166U	AAH21176U	AAH21186U	

<sup>1)</sup> Technical data according to DIN 12880.

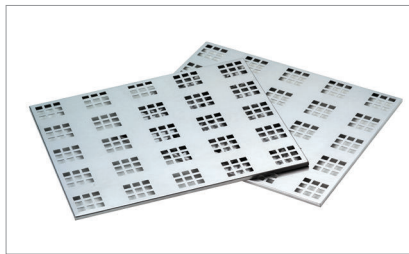
\* FDA establishment registered company. FDA listed products.

# Accessories & Options

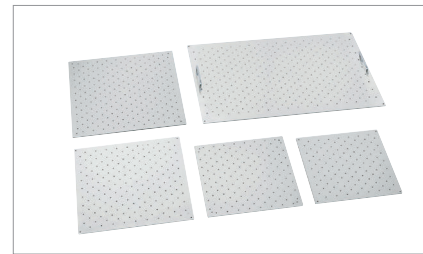
## for Incubators



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