

# Low Temperature Incubator Multi type (Forced Convection)



## Independent control and efficient space utilization for each chamber

### Structural Functional Features

- Each chamber can be controlled independently and easy to use with maximally space-efficient structure.
- Structure that circulates internal air for temperature control.
- The inner glass door is completely enclosed with silicone packing, making it easy to observe the sample without changing the temperature.
- External door can be opened and closed smoothly with magnetic packing to minimize sample impact.
- Stainless steel interior and shelves are excellent in terms of corrosion resistance and clean maintenance.
- Easy to clean as inner edges are curved.



IL-11-2C

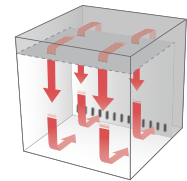


IL-11-4C

### Use Convenience Features

- Accurately controlling temperature based on temperature calibration / auto-tuning / microprocessor PID.
- Save and use 3 frequently used temperatures.
- Wait On/Off timer. (up to 99 hours 59 minutes)
- Alarm function when temperature sensor is disconnected.
- Internal air circulation speed and defrost cycle control

※ When the chamber is operating with forced convection type, the amount of moisture evaporation of the medium is relatively high.



### Outstanding Safety

- Top-rated overheating protection system. (registration 10-0397583)
- Over temperature limit function.
- Mal-operation prevented by controller lock function.

### Convenient Program Control

- Various culture and incubating experiments with the 9 step program.
- Temperature/time settings for each step.
- Up to 99 hours and 59 minutes.
- Repeat operation up to 200 times.

## Specification

Model		IL-11-2C		IL-11-4C	
<b>Chamber volume (L / cu ft)</b>		300 / 10.6 (150 / 5.3 x 2 chambers)		600 / 21.2 (150 / 5.3 x 4 chambers)	
<b>Refrigerator (Hp)</b>		1/8 x 2ea		1/8 x 4ea	
<b>Temperature</b>	Range (°C / °F)	0 to 60 / 32 to 140		0 to 60 / 32 to 140	
	Fluctuation at 25°C (±°C / °F)	0.1 / 0.18		0.1 / 0.18	
	Variation at 25°C (±°C / °F)	0.5 / 0.9		0.5 / 0.9	
	Heating time to 40°C (min.)	16		16	
	Cooling time 40 to 5°C (min.)	53		53	
<b>Dimension</b>	Recovery time at 40°C (min.)	2		2	
	Interior (W x D x H, mm / inch)	600 x 500 x 500 / 23.6 x 19.7 x 19.7 (each chamber)		600 x 500 x 500 / 23.6 x 19.7 x 19.7 (each chamber)	
	Exterior (W x D x H, mm / inch)	760 x 760 x 1690 / 29.9 x 29.9 x 66.1		1500 x 760 x 1690 / 59.1 x 29.9 x 66.1	
<b>Shelves</b>	Net weight (Kg / lbs)	180 / 397		350 / 772	
	Quantity of shelves (standard/max.)	2 / 12 (each chamber)		2 / 12 (each chamber)	
Max. Load per shelf (Kg / lbs)		26 / 57.3		26 / 57.3	
<b>Electrical requirements (230V, A)</b>		60Hz, 9	50Hz, 9	60Hz, 9 x 2ea	50Hz, 9 x 2ea
<b>Cat No</b>	<b>AAH28111K</b>	<b>AAH28112K</b>		<b>AAH28011K</b>	<b>AAH28012K</b>
<b>Electrical requirements (120V, 60Hz, A)</b>		16.5		16.5 x 2EA	
<b>Cat No</b>	<b>AAH28113U</b>			<b>AAH28013U</b>	

※ Technical data (according to DIN 12880 before 2013)

※ This product is forced convection type. If the sample dries easily or is sensitive, we recommend using the natural convection type.

Accessories Page 93 Wire Shelves, Perforated Shelves