

Low Temp. Incubators (Air-jacketed)



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



REMOTE CONTROL
with your **MOBILE DEVICE**
see page 8-9



IL3-15A

Standard accessories

- Wire shelves (2ea for IL3-15A, 3ea for IL3-25A)

Optional accessories

see page 94

- Perforated shelves
- Gateway

Performance

- Temperature range from 4°C to 70°C.
- Microprocessor PID control.
- Three point temperature calibration / Automatic tuning.
- Natural convection within the chamber induced by the heater and the fan located inside the air jacket.

Convenience

- Large chamber volume: maximum 254L.
- Bright VFD display (0.1°C resolution) with heating level indication and quick adjustable dial knob.
- Dual wait on/off timer modes. (1 min. to 99 hr. 59 min.)
- Convenient preset function for 3 most commonly used temperature settings.
- Built-in electrical outlet with a safety cover inside the chamber.
- Convenient sample monitoring without affecting chamber temperature via inner tempered-glass door.
- Rounded corners for easy cleaning and optimal airflow.
- Quick-release front grill for easy cleaning of the condenser.
- Built-in RS-232 port and USB port for external control and data collection.

Safety

- Automatic run after power interruption.
- Over-current protection.
- Triple independent temperature monitor system.
 - Temperature deviation alarm (High/Low)
 - Electronic temperature limiter (High/Low)
 - Mechanical over-temperature limiter (High)
- Keypad lock function prevents accidental changes during operation.
- Audible and visible open door alarms.

Model		IL3-15A		IL3-25A	
Chamber volume (L / cu ft)		156 / 5.5		254 / 8.97	
Refrigerator (Hp)		1 / 6 HBP		1 / 6 HBP	
Temperature	Range (°C / °F)	4 to 70 / 39.2 to 158			
	Fluctuation ¹⁾ at 37°C (±°C / °F)	0.2 / 0.36			
	Variation ¹⁾ at 37°C (±°C / °F)	0.7 / 1.26		1.0 / 0.18	
Dimension (WxDxH)	Interior (mm / inch)	600x520x500 / 24x20.5x20		500x540x940 / 20x21.3x37	
	Exterior (mm / inch)	770x790x1115 / 30.3x31.1x43.9		670x805x1668 / 26.4x31.7x65.7	
	No. of wire shelf (standard / max.)	2 / 11		3 / 25	
	Net weight (Kg / lbs)	108 / 238.1		145 / 319.7	
Electrical requirements (230V)		60Hz, 6.6A		50Hz, 6.6A	
Cat. No.		AAH220622K		AAH220612K	
Electrical requirements (120V)		60Hz, 10.2A		60Hz, 8A	
Cat. No.		AAH220632U		AAH220722K	
				50Hz, 8A	
				AAH220712K	
				60Hz, 12.3A	
				AAH220732U	

1) Technical data according to DIN 12880.

* Temperature change may occur during automatic defrost.

* FDA establishment registered company. FDA listed products.