

# Heated Incubators

MIR Series

MIR-H163-PA  
3.3 cu.ft. | 93 L  
MIR-H263-PA  
5.4 cu.ft. | 153 L



MIR-H263-PA

MIR-H163-PA

PHCbi brand programmable heated incubators are available in two cabinet sizes with a wide temperature range for versatile applications. These heated incubators are suitable for applications that require a temperature range of +5°C above ambient to 80°C. Programs can be set for three-step functions useful for investigations involving microbiology, plant cell biology and more. These MIR series incubators maintain accurate temperature control and consistent uniformity, making them a great fit for general laboratory, industrial and testing applications.

## High Performance

The high performance conditioning system delivers a stable temperature environment with excellent uniformity across a wide temperature range. Industrial quality heaters are used to assure fast response to controller demand following door openings.

## Ergonomic Cabinet Design

Cabinet temperature is maintained through a natural convection method to optimize uniformity at all shelf levels. Industrial grade cabinet construction includes stainless steel interior surfaces with adjustable slide-out shelves for storage flexibility.

## Programming

Incubator function includes adjustable programs to manage temperature, start and stop times, clock modes, countdowns and timer delays. All programming is entered through the touchkey interface.



## Wide Temperature Range

Temperature setpoints are adjustable in 0.1°C increments over the operating range from +5°C above ambient to 80°C. Temperature flexibility permits use in a variety of storage, processing and testing applications.



## Microprocessor Controller and Alarms

The microprocessor-based temperature control system with LED display maintains accurate setpoint temperature to within +/- 0.1°C. Audible and flashing visual alarm lights supplement the setpoint deviation system to warn of parameter violations, loss of power or failure to close the door.



## Proven Design

PHCbi brand heated incubators represent generations of successful cabinet development in response to emerging laboratory protocols used around the world. These incubators assure stability and accuracy required for reproducible results in the laboratory, from one day to the next, from one protocol to another.



MIR-H163-PA

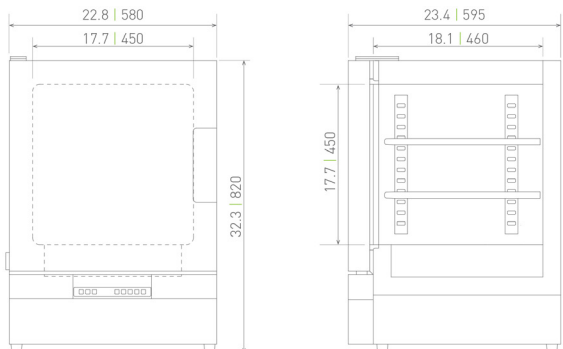
## Applications

Models MIR-H163-PA and MIR-H263-PA incubators are ideal for the following testing applications:

- Electrical components
- Textiles and adhesives
- Chemical stability
- Packaging
- BOD analysis
- Water and soil samples

## Dimensions

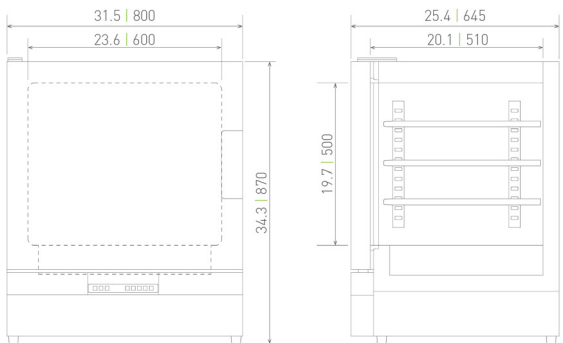
Unit : inch | mm



MIR-H163-PA

## Dimensions

Unit : inch | mm



MIR-H263-PA

Dimensions		MIR-H163-PA	MIR-H263-PA
Exterior Dimensions (W x D x H)	inches   mm	22.8 x 23.4 x 32.3   580 x 595 x 820	28.7 x 25.4 x 34.3   730 x 645 x 870
Interior Dimensions (W x D x H)	inches   mm	17.7 x 18.1 x 17.7   450 x 460 x 450	23.6 x 20.1 x 19.7   600 x 510 x 500
Volume	cu. ft.   liters	3.3   93	5.4   153
Net Weight	lbs   kg	97   44	134   64
Performance			
Warranty <sup>1)</sup>		2 years parts & labor	
Temperature Range	°C	+5°C above ambient to 80°C	
Uniformity	°C	±1°C	
Control			
Controller		Microprocessor, touchkey entry, switch protected	
Display		2 (LEDs - temperature and time)	
Temperature Sensor		Type K	
Programming		Electronic timer with timer delay	
Conditioning System			
Method		Natural convection / air jacket / fan circulation	
Insulation Material		Fiberglass	
Heater	W	1 (200)	1 (300)
Construction			
Exterior		Painted steel	
Interior		Stainless steel SUS 304	
Outer Door with Handle	qty	1 (solid painted steel)	
Reversible Door		Yes	
Inner Door		1 (tempered glass)	
Slotted Shelves – Adjustable	qty	2 (stainless steel)	3 (stainless steel)
Exhaust Vents	qty	(2) in Exterior top	
Leveling Feet - Adjustable	qty	(4)	
Electrical			
Power Supply		115V, 1Ø, NEMA 5-15P, requires NEMA 5-15 R receptacle	115V, 1Ø, NEMA 5-15P, requires NEMA 5-15 R receptacle
Frequency	Hz	60	60
Optional Communication System			
Wireless, Cloud-Based, Automatic Data Management		LabAlert® Monitoring System	

<sup>1)</sup> Current warranty offered at time of printing and may be subject to change; US and Canada only.  
Note: The unit with CE mark complies with EC directives.

Specifications are subject to change without notice.

For latest specification information contact PHC Corporation of North America at [info@us.phcd.com](mailto:info@us.phcd.com).