

## Heated Incubators

MIR-162  
MIR-262

SANYO's MIR series heated incubators have been recognized as exceptional units suitable for a wide range of applications. In pursuit of temperature precision and enhanced operability, the MIR series incorporates an 8-bit microprocessor.



### Microprocessor P.I.D. Control and Air Jacketed System

Microprocessor P.I.D. control and air jacketed system ensures precise temperature control within the chamber. Temperature accuracy is within  $\pm 0.2$  deg. and temperature uniformity is within  $\pm 1$  degree.

### Timer Function

An accurate microprocessor timer allows experiments of up to 99 hours and 59 minutes. Desired start time is set by an automatic timer or start delay function. An additional timer function activates a buzzer when a set time is over and keeps the set temperature after the operation finishes. Various operation patterns can be set by utilizing these functions.

### Temperature Control Range (Ambient Temperature +5°C) to +80°C

SANYO heated incubators allow incubation from near ambient temperature to very high temperatures.

### Advanced Design

The control panel uses a touchpad and an easy-to-read green LED display. Temperature and time duration are shown respectively by digital displays. Durable stainless steel (SUS-304) is used in the interior cabinet.



Incubation  
My life. My work. My choice.

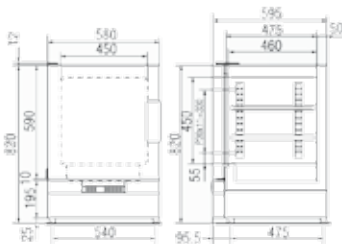
## General Specifications

| Model No.                              | MIR-162  | MIR-262   |
|--|--|---|
| <b>Effective capacity</b>              | 3.3 cu.ft.(93 liters)  | 5.4 cu.ft(153 liters)                           |
| <b>Exterior Diminsions (W x D x H)</b> | 22.83" x 23.43" x 32.28"<br>(580 x 595 x 820mm)                                  | 28.74" x 25.39" x 34.25"<br>(730 x 645 x 870mm) |
| <b>Interior Dimensions (W x D x H)</b> | 17.72" x 18.11" x 17.72"<br>(450 x 460 x 450mm)                                  | 23.62" x 20.09" x 19.69"<br>(600 x 510 x 500mm) |
| <b>Exterior Finish</b>                 | Baked acrylic finish on galvanized steel   |   |
| <b>Interior Finish</b>                 | Stainless Steel (SUS-304)  |   |
| <b>Door</b>                            | Outer: Baked acrylic on galvanized steel<br>Inner: Glass                         |   |
| <b>Shelves</b>                         | Stainless steel, wire  |   |
|  | 2  | 3   |
| <b>Insulation</b>                      | Fiber Glass  |   |
| <b>Circulation System</b>              | Natural convection   |   |
| <b>Heater</b>                          | Sheathed Heater  |   |
|  | 200 W  | 300 W   |
| <b>Temp. Setting Indication</b>        | Digital setting with digital display   |   |
| <b>Temperature Control</b>             | Microprocessor PID system, air-jacket construction                               |   |
| <b>Autom. Setting temp. alarm</b>      | When temp. deviates approx. $\pm 2.5^{\circ}\text{C}$ , visual and audible alarm |   |
| <b>Over temp. protection device</b>    | Visual and audible alarm   |   |
| <b>Temperature Range</b>               | (Ambient $+5^{\circ}\text{C}$ ) to $+80^{\circ}\text{C}$                         |   |
| <b>Timer</b>                           | Automatic timer with delay function 00:00 to 99:59                               |   |
| <b>Temperature Uniformity</b>          | $\pm 1^{\circ}\text{C}$  |   |
| <b>Power Source: Voltage</b>           | 115V / 60Hz / 1 phase  | 115V / 60Hz / 1 phase                           |
| <b>Power Consumption</b>               | 200 W  | 300 W   |
| <b>Net weight</b>                      | 97 lbs (44 kg)   | 134 lbs (64 kg)                                 |

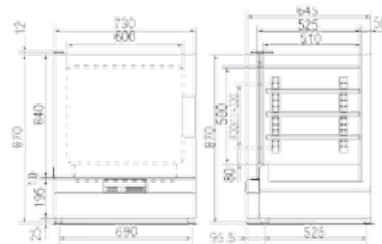


Effective Capacity:  
3.3 cu.ft. (93 liters)

Effective Capacity:  
5.4 cu.ft (153 liters)

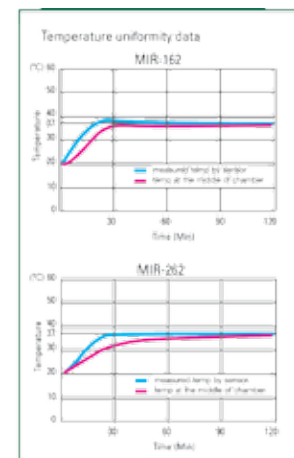


MIR-162



MIR-262

(Unit: mm)



Product conforms to RoHS (European Restriction of Hazardous Substance directives)

SANYO Electric Co.,Ltd., Biomedical Division, Gumma is certified for Quality management system:ISO9001/  
Medical devices Quality management system:ISO13485/Environmental management system:ISO14001

# SANYO

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