

Water-Jacketed CO₂ Incubators HF160W

CO₂ sensor "AUTO-ZERO"

"AUTO-ZERO" function guarantees the accuracy of the CO₂ measurement, it plays automatically every 24 hours.

Heated outer door according to the surrounding temperature

Heal Force water-jacketed CO₂ incubator is equipped with a heated outer door, which can adjust its heat power according to the change of surrounding temperature.

High humidity and relative humidity display

Heal Force water-jacketed CO₂ incubator operates under high relative humidity with a humidity pan. A humidity sensor enables our water-jacketed incubators to display the RH value. RH display, readable in 0.1% increment, includes low RH program mable alarm (alerts you of need to add water to humidity pan).



LCD display



Coved covers



Gas supply line filter



Main HEPA filter

SPECIFICATIONS, HF160W

Chamber capacity (L)	185
Water jacket volume (L)	43.5
Dimensions (D × W × H) mm	626 × 656 × 1030
Inner dimensions (D × W × H) mm	502 × 554 × 681
Shelves (D × W) mm	440 × 466
Number of shelves (standard/Max.)	3/11
Temperature control range (°C)	ambient +5~55
Temperature control accuracy (°C)	±0.1
Temperature sensor	PT1000
CO ₂ control range (%)	0~20
CO ₂ deviation (%)	±0.1
CO ₂ sensor	Infrared or Thermal Conductivity
Humidity (%)	≥95
Plate volume (L)	3
Net weight (kg)	110
Rated power (W)	430
Rated voltage	230V/50Hz 110V/60Hz (optional)

For Further Information contact Laboratory Equipment on:

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Water-Jacketed CO₂ Incubators

HF160W

HF160W water-jacketed CO₂ incubator with precise CO₂ control, elevated RH, and a choice of TC (thermal conductivity) or IR (infrared) sensor is the first choice for many researchers in academy, government, clinic, biotech, and R&D labs.



HEPA filter system

Heal Force Water-Jacketed CO₂ incubators include a HEPA filter to maintain a high quality environment. The HEPA filter's performance is rated a minimum 99.97% efficient for 0.3µm particulates with greater efficiency for particles larger than 0.3µm. HEPA filter efficiency does not decrease greatly for particle sizes below 0.3µm. The system continuously filters the entire chamber volume every 60 seconds, and allows you to attain and maintain process integrity within your incubator at Class 100 air quality or better.

Unique airflow system

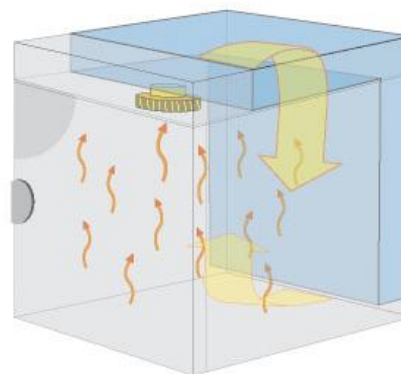
Heal Force water-jacketed CO₂ incubator is equipped with a patented airflow system, which can mostly guarantees the uniformity of temperature and CO₂ in incubator.

Three independent temperature control systems

Three independent temperature control systems (main chamber, overheat control, surrounding temperature monitor) ensure HF160W CO₂ incubators provide a consistent culture temperature.



Heal Force HF160W



HEPA filter and air flow

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