

AUTOFLOW INCUBATORS - DIRECT HEAT



NU-5510

The **NU-5510 DHD AutoFlow** Direct Heat Decontamination CO₂ Incubator provides continuous HEPA filtration obtaining the greatest control of airborne contaminants. The dual decontamination cycles, both a 95°C wet decontamination and a 145°C dry sterilization cycle, are exceptionally useful for cell line changes and/or when working with hazardous agents.

NU-5510

Control Panel ▶



The **NU-5500 DH AutoFlow** Direct Heat CO₂ Incubator provides an affordable alternative to the NU-5510 for those laboratory professionals whose work does not require the decontamination / sterilization cycle.



A 99.98% efficient HEPA filter maintains Constant Contamination Control (C³) in the growth chamber



Dual temperature sensor probes (**NU-5510 only**), mounted just under the inflow to the HEPA filter controlling the chamber environment.



The interior corners of the growth chamber are covered for ease of cleaning and to prevent contaminants from becoming trapped.



NU-5500

NU-5500 / 5510 Specifications

Dimensions

Exterior:

39½" [100.3 cm] Height
25½" [64.77 cm] Width
26½" [67.31 cm] Depth

Interior (Coved Corner):

25½" [64.77 cm] Height
21½" [54.61 cm] Width
21" [53.34 cm] Depth

Volume:

6.65 ft.³ [188.5 liters]

Inventory System

Shelf Size:

19¼" X 19¼" [489.0 mm]
Std Shelves:
4 [17 shelves maximum]
Removable inner chamber plenum, shelves and rails

Utility Connections

Gas Connections:

¼" [6.3 mm] tubing connections

Gas Input Pressure:

20 PSIG [1.4 BAR]
Two stage gas regulator required

Net Weight:

208 lbs. [94.35 kg]

Performance Specifications

Temperature Range:

+18°C to +55°C (5°C above ambient to 30°C ambient maximum)

Temperature Uniformity:

± 0.3°C at 37°C

Temperature Accuracy: ±0.1°C

CO₂ Range: 0 to 20%

CO₂ Accuracy: ± 0.1%

CO₂ Recovery: Up to 5% ± 0.3% in 4 min.

Temperature Recovery:

0.3°C/minute

Door Heater Control:

Proportional 0-100%

Optional Features and Accessories

- Automatic Internal Tank Switch
- RS-232 Communication Output
- Additional Shelves
- External CO₂ Tank Alarm
- External Tank Switch
- Surge Protector
- Chart Recorder Outputs
- Castored Platform



Please note that performance specifications vary for models and types. Please consult NuAire for exact performance specifications



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