

AUTOFLOW INCUBATORS - WATER-JACKETED



NU-8700



NU-8500



NU-4750



NU-4850



NU-4950

	Electronic Control System	Gas Control System	Temperature Control System	Humidity Control System	HEPA Filtration System	Configuration
IR AutoFLOW NU-8500, NU-8700	Microprocessor	CO ₂ -Infrared	Water-Jacketed	Convection ⁶ Sensor ⁺²	Air/Gas ⁴	Single ⁵ Over-Under
US AutoFLOW NU-4750, NU-4850, NU-4950	Microprocessor	CO ₂ -Infrared O ₂ Fuel Cell ¹	Water-Jacketed	Convection ⁶ Sensor ⁺³	Air/Gas ⁴	Single

1] 2 or 3 gas control system 2] Monitors actual chamber humidity. Alarms in low humidity condition indicating that water pan requires filling. 3] Sensor (Set point and Actual) 4] Internal recirculation system to class 100 within 30 minutes 5] Right or left hand door swing 6] Humidity pan (relative humidity to 95%) 7] Internal recirculation system to class 100 within 1 minute + options

SPECIFICATIONS: NU-8500 / NU-8700

Chamber Dimensions

Interior (Coved Corner):

21½" (54.58 cm) wide X 21"
(53.51 cm) front to back X
25½" (64.74 cm) high.

Interior Volume:

6.64 cubic ft. (188 liters)

Water-Jacketed Capacity:

20 gallons (75.7 liters)

Net Weight Filled:

Single Chamber 385 lbs. (175 kg)

Gross Weight Empty:

Single Chamber 218 lbs. (99 kg)

External Dimensions

Model NU-8500: (Single-Chamber)

Base:

22¾" (57.76 cm) wide X
20¼" (51.41 cm) front to back.

Overall:

25½" (64.77 cm) wide X 27"
(68.55 cm) front to back X
41½" (105.41 cm) high including
½" (1.26 cm) allowance for
adjustable leveling feet.

Model NU-8700: (Over-Under Dual Chamber)

Base:

22¾" (57.76 cm) wide X
20¼" (51.41 cm) front to back

Overall:

25½" (64.77 cm) wide X 27"
(68.55 cm) front to back X
75½" (190.5 cm) high including
½" (1.26 cm) allowance for
adjustable leveling feet.

Optional Features

Automatic CO₂ Tank Switch
(Internal)
Communications Interface
(RS-232)
Humidity Display
Left Hand Door Swing
Internal Coil for Chilled Water
4 Inner Lexan Doors
(Single and Dual)
Chart Recorder Outputs
Castered Platform

SPECIFICATIONS: NU-4750 / NU-4850 / NU-4950

NU-4750/D/E/G*:

Temp/CO₂ Display
and Control

NU-4850/D/E/G*:

Temp/CO₂/RH Display
and Control

NU-4950/D/E/G*:

Temp/CO₂/RH/O₂ Display
and Control

*D: 100VAC/50-60 Hz

*E: 230VAC/50-60 Hz

*G: 220VAC/50-60 Hz

External Dimensions (Single Chamber)

Base:

22¾" (57.76 cm) wide X
20¼" (51.41 cm) front to back
X 35" (88.9 cm) high including
½" (1.26 cm) allowance for
adjustable leveling feet; cham-
bers are stackable.

Overall:

31" (78.74 cm) wide X 25½"
(64.77 cm) front to back X
35" (88.9 cm) high.

Optional Features

Automatic CO₂ Tank Switch
(Internal)
Internal Coil for Chilled Water
Automatic N₂ Tank Switch
(Internal)
RS-232 Communication
Interface
Chart Recorder Outputs
Castered Platform
4 Inner Lexan Doors

Chamber Dimension

Interior (Coved Corner):

21½" (54.58 cm) wide X 21"
(53.31 cm) front to back X
25½" (64.74 cm) high.

Interior Volume:

6.64 cubic ft. (188 liters)

HEPA Filtration System:

Closed loop HEPA filtered
system designed to minimize
contamination at a recircula-
tion rate of 1 chamber
volume per 30 minutes.

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



2100 Fernbrook Lane • Plymouth, MN • 55447 • U.S.A. • 1.800.328.3352 • www.nuaire.com

Best Products, Best Performance, Best Protection.