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IR AUTOFLOW SPECIFICATIONS

NuAire's Infra Red CO2 Detection System (IR) Autoflow, CO2, water-jacketed incubator is manufactured in three styles:

- MODEL NU-2500 - Single Chamber,
- MODEL NU-2600 - Side-by-Side Chambers, or
- MODEL NU-2700 - Over-Under Chambers,

with the following system performance characteristics:

- **Temperature Control System**

- Range:
 - 5 degrees C above ambient to +55 degrees C
- Uniformity:
 - plus or minus 0.2 degrees C at 37 degrees C
- Sensitivity:
 - plus or minus 0.0125 degrees C
- Display:
 - Bright Green LED Digital Display
 - Selectable from the Control Panel
 - Resolution: 0.01 degrees C

- **CO2 Gas Control System**

- Accuracy:
 - plus or minus 0.1 percent
- Uniformity:
 - plus or minus 0.1 percent
- Range:
 - zero to 20 percent
- CO2 Recovery:
 - 5% plus or minus 0.2% within 2 minutes
- Calibration:
 - Auto Zero (NO tools/NO cover removal)

- **Utility Connections/Installation**

- CO2 Gas Connection:
 - 1/4-inch tubing connection
- CO2 Gas Input Pressure:
 - 20 PSIG (1.4 BAR) input Pressure
 - Two Stage Gas Regulator Required
- Water Fill Port
 - Located on front of chamber with 1/4" NPT opening for 3/8" tubing connection (nipple supplied)
- Over Fill Port

- Located on front of chamber near Drain Port
 - Drain Port
 - Drain valve located on bottom front for total drainage

IR AUTOFLOW PHYSICAL CHARACTERISTICS

Specification	NU-2500	NU-2600	NU-2700
Type	Single Chamber	Side-By-Side	Over-Under
Overall Dimensions: in.(mm)			
Width	25 1/2 (648)	51 1/2 (1305)	25 1/2 (648)
Depth (front-to-back)	29 1/8 (740)	29 1/8 (740)	29 1/8 (740)
Height*	41 1/2 (1054)	41 1/2 (1054)	75 (1905)
Base Footprint			
Width	22 3/4 (578)	48 3/4 (1238)	22 3/4 (578)
Depth (front-to-back)	20 1/4 (514)	20 1/4 (514)	20 1/4 (514)
Interior Dimensions - All			
Width	21 1/2 (546)	21 1/2 (546)	21 1/2 (546)
Depth (front-to-back)	21 (533)	21 (533)	21 (533)
Height	25 1/2 (647)	25 1/2 (647)	25 1/2 (647)
Interior Volume	6.64 cu.ft. (188 L)		
Weights - Lbs (Kg)			
Net Empty (uncrated)	190 Lbs. (86 Kg)	400 Lbs. (182 Kg)	380 Lbs. (173 Kg)
Crated (shipping)	220 Lbs. (100 Kg)	440 Lbs. (200 Kg)	420 Lbs. (191 Kg)
Water Jacket Capacity	16 gallons (61 Liters)		
Net Weight Filled	318 Lbs. (145 Kg)	636 Lbs. (289 Kg)	636 Lbs. (289 Kg)
Power Requirements**			
115 VAC, 60 Hz, 1 Ph			
Start Up Power	550 watts	1100 watts	1100 watts
Running Power	250 watts	500 watts	500 watts
Heat Rejected	840 BTUH	1680 BTUH	1680 BTUH

*Includes a 1/2-inch allowance for adjustable leveling feet.

**Alternative Main Power: 220 VAC, 50 Hz, 1 ph (other elements remain the same)





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