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Find the *NuAire 5006SE-375* at our website: ***Click HERE***

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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

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

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IR AUTOFLOW PHYSICAL CHARTERISTICS

| 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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