

# NuLook Serenity Recessed



## General Specifications

The **NuLook Serenity Recessed System** shall be manufactured by Amico Corporation, in accordance with job specific submittal package. Shop drawings include gas termination and electrical connections. The following is a general specification, and components listed may not be present or required in final product.

The **NuLook Serenity Recessed System** is listed by Underwriters Laboratories Inc. (UL) in Canada and the United States of America. Amico Corporation manufactures all products in accordance with the CSA Z7396.1-06 standard, National Fire Protection Association (NFPA), NFPA-99c (current edition), National Electric Code (NEC), and the Canadian Electrical Code (CEC).

The installation contractor is responsible for compliance with all local, state, and federal codes applicable to the installation of medical gas and electrical systems.

### The NuLook Serenity Recessed System is Made Up of Several Integral Components:

- Stud frames are constructed of galvanized steel studs and horizontal structural brackets holding the junction boxes for the services. The stud frame has integrated electrical conduit, providing single point connection for all electrical power types (critical, normal, and low voltage/communication). Stud frames are installed at the framing stage of construction schedule (prior to drywall installation). Electrical and medical gas terminations are located above the ceiling.
- Frames come with optional vertical and/or horizontal rail systems and reveals. All frames have 3/4" medium-density fiberboard front panels, that are removable for easy maintenance. Refer to approved shop drawings for project specific details.
- Gas fronts and cover plates shall be installed on the finished wall. The outlets are UL Listed and ETL Listed. Amico products comply with NFPA 99 and CSA Z7396.1.

## Materials and Construction

### Medical Gas Outlets

Amico Corporation has a variety of options available including DISS, Ohmeda/Medaes, Puritan-Bennett, Chemetron, & Oxequip/Medstar in different finishes.

### Medical Gas Piping

All medical gas outlets and piping shall be brazed and tested in accordance with CSA Z7396.1-06 standard and NFPA-99c. All medical gas piping shall be Type L copper pipe (optional Type K). Each outlet, piping and manifold shall pass a 24-hour standing pressure test. Any like medical gas outlets in a headwall section are brazed and manifolded to a single point of connection.

### Electrical Wiring

Wire for standard and critical branch power circuits shall be #12 type THHN stranded copper wire, 600 volts, with heat resistant thermoplastic insulation for hot (black) and neutral (white). Grounds shall be #10 THHN stranded copper wire (green) for all electrical circuits pre-wired by Amico.

### Grounding and Bonding

All ground conductors shall be installed in headwall or raceway. Each power receptacle shall have a ground conductor connected to a grounding screw. Where electrical terminations are located inside the headwall, a grounding bus will be installed for each type of power, and shall be installed as to insure grounding for the complete power system.

### Low Voltage Data Provisions

Shall be terminated with conduit stub-up in designated location. EMT 90° bend is optional if termination into ceiling cavity is required. A pull cord extending from junction box to service provision will be provided. Telephone jack, nurse call patient station device, data port, or other low voltage device shall be furnished, installed, and wired by others.

### Electrical Devices

This shall be Hospital Grade 15 or 20 amp, 120 or 277 volts, UL listed and shown on submittal shop drawings. Amico Corporation shall furnish and install receptacles with wiring required, as shown on submittal shop drawings. Electrical contractor shall ensure compatibility of plug on accessory equipment to be used with these devices:

Duplex receptacles shall be NEMA style 5-15R or 5-20R, in ivory color for use on normal power circuits, and in red color for use on critical branch power circuits.

## Warranty

Amico Corporation warrants its Architectural Products to be free from material defects and workmanship for a period of ten (10) years from the date of shipment.

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