

General Specifications

The **NuLOOK Skeleton/SkeletonPlus System** shall be manufactured by Amico Corporation, in accordance with job specific shop drawings and documents. The following is a general specification, and components listed may not be present or required in final product.

The **NuLOOK Skeleton/SkeletonPlus 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 standard, National Fire Protection Association (NFPA), NFPA-99 (current edition), National Electric Code (NEC), and the Canadian Electrical Code (CEC).

The NuLOOK Skeleton 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). It also has all medical gas piping which is hard-piped and brazed to a single point of connection in each stud frame. The stud frames are installed at the framing stage in the construction schedule (prior to drywall installation). Electrical and medical gas terminations are located above the ceiling.
- 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.

The NuLOOK SkeletonPlus is Made Up of Several Integral Components in Addition to NuLOOK Skeleton Components:

- Aluminum front frame with optional vertical and/or horizontal rail systems and reveals as well as finished 1/2" front panels. Alternatively, a frameless design with finished 3/4" front panels is also available. These components are installed on the finished wall once painting is complete. Please refer to approved submittal drawings for project specific details.

Additional Components That Can Be Integrated Into Units:

- Cabinets for IT stations, patient lift station or glove storage components. These components are made of MDF with 3D wrap finish. Please refer to approved submittal drawings for project specific details.
- Decorative wood valance. These can be installed on the front or top of the panel frames and can accommodate LED lights. Please refer to approved submittal drawings for project specific details.



Submittals and Verifications

Job specific shop drawings shall be produced for each project. These shop drawings will clearly indicate the area of medical gas termination, and electrical connection points inside the panel wall system. As Built drawings will be produced and included in the operating and maintenance manual.

Amico Corporation will manufacture equipment as per signed approval drawings and verifications documents, which are provided in the job specific submittal package.

Materials and Construction

Integrated Accessory Rails (SkeletonPlus only)

The number of integrated rails (horizontal and vertical) are to match final shop drawings. Accessory rails are clear etched anodized aluminum.

Fascia (SkeletonPlus only)

The fascia panels are of either ½" or ¾" MDF with 3D wrap finish (typical). All fascia panels shall be removable for maintenance of NuLook SkeletonPlus services using the spring clip system (for ½" panel design) or the Z-clip system (for ¾" panel design).

Medical Gas Outlets

Amico Console style for NuLook SkeletonPlus and Wall style for NuLook Skeleton. All medical gas piping shall be of type L, hard piped and brazed per section.

Med gas pipe will terminate above the ceiling line as indicated on the drawing.

Electrical Wiring

Wire for standard and critical branch power circuits shall be #10 or #12 (as specified) type THHN stranded copper wire, 600 volt, with heat resistant thermoplastic insulation for hot (black) and neutral (white). Grounds shall be #10 THHN stranded copper wire (green).

Grounding and Bonding

All ground conductors shall be installed in conduit or raceway. Each power receptacle shall have a ground conductor connected to a grounding screw, such that the electrical terminations are located inside the NuLook Skeleton. A grounding bus bar will be installed for each type of power, to ensure grounding for the complete power system.

Low Voltage Data Provisions

Shall be connected to a device junction box via conduit or raceway. Amico Corporation shall include pull cord extending from junction box to service provision. Telephone nurse call patient station device shall be furnished, installed, and wired by low voltage contractor.

Electrical Receptacles

Shall be Hospital Grade 15 or 20 amp, 120 or 277 volt, UL listed and marked hospital grade. Amico Corporation shall furnish and install receptacles with wiring required, as shown on submittal shop drawings. An electrical contractor shall insure 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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