

Regal Series Flatwall Recessed



General Specifications

The **Regal Series Recessed Flatwall** 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 **Regal Series Recessed Flatwall** 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 Regal Series Recessed Flatwall is Made Up of Several Integral Components:

- Single or double vertical section(s) where the services are located. Flatwalls have two vertical accessory channels. Accessory channels are clear etched anodized.
- Electrical and medical gas terminations are located above the ceiling; please refer to approved submittal drawings for project specific details.
- All panels are 1/2" and shall be removable for maintenance access and easy installation.

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 and Simplex 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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