

## **Section 08 42 43**

### **MANUAL SWING / FOLD ICU-CCU DOOR PACKAGE**

#### **SERIES 4900 ALL-IN-ONE SWING/FOLD ICU/CCU DOORS**

## **PART 1: GENERAL**

### **1.01 SUMMARY**

- A. **WORK INCLUDED:** Furnish and install manual aluminum door system(s), factory fabricated for intensive care / critical care applications. Door packages shall be complete and without damage or defect.
- B. **RELATED WORK:**
  - 1. Section 07900 – Joint Sealers
  - 2. Section 08400 – Entrances and Storefronts
  - 3. Section 08700 – Hardware
  - 4. Section 08800 - Glazing

### **1.02 REFERENCES**

- A. American Architectural Manufacturers Association – AAMA 101
- B. American National Standards Institute - ANSI Z97.1
- C. The Aluminum Association – Designation System for Aluminum Finishes
- D. National Fire Protection Association - NFPA 101

### **1.03 SUBMITTALS**

- A. **PRODUCT DATA:** Provide complete product and installation documentation as provided by the manufacturer.
- B. **SHOP DRAWINGS:** Provide details of door construction including profiles, dimensioned layout, and assembly including finish, glazing, and anchoring requirements.
- C. **Contract Closeout:** Provide manufacturer's Warranty documentation and Owners Manual (if applicable).

### **1.04 QUALITY ASSURANCE / WARRANTY**

Manufacturer must have a minimum of five (5) years experience in the fabrication of aluminum-and-glass door assembly similar to those specified. Door packages shall be warranted against defect in material and workmanship for a period of one year from the date of installation.

## **PART 2: PRODUCT**

### **2.01 MANUFACTURER**

Manual swing/fold door packages as detailed shall be supplied by record-usa, Monroe, N.C., a member of the record group.

### **2.02 DESIGN**

- A. **Swing/Fold DOOR PACKAGE:** Manual swing/fold door packages shall be 3 panel configuration with swing door, equipped with double acting door closer with 90° hold open either direction on one side, (right or left) and a 2 panel folding door on the opposite side. Folding doors can be infold or outfold.

- B. FRAMES AND DOORS: Side jambs shall be 1-3/4" X 4-1/2" closed aluminum tube. Door construction shall include 1-3/4" profiles and shear block/corner gussets in each corner.

Two panel folding door includes door closer as top pivot with 90° hold open feature and a roller wheel in the top of the slave door, low profile horizontal pull handle on the fold side, and adjustable floor mounted bottom pivots.

### **2.03 MATERIALS AND FINISH**

All structural aluminum shall be 6063-T5 tempered alloy, with exposed surfaces to be integral color anodized (*painted*) to one of the following finishes:

1. 204-R1 Clear
2. Class 1 two-step, hardcoat dark bronze
3. Other anodized or painted finish as specified.

## **PART 3: EXECUTION**

### **3.01 INSPECTION**

Inspect frame openings for correct size, plumb and square, and level floor for safe and reliable performance. Provide written notification of conditions not acceptable to the installer and/or manufacturer. Proceed with installation only after necessary corrections are made for suitable operation.

### **3.02 INSTALLATION**

Install package plumb, square, and level in properly prepared and supported opening, using specified fasteners, as required by the manufacturer and as detailed on approved shop drawings.

### **3.03 INSTRUCTION**

Following the installation and final adjustments, the installer / record-usa distributor shall fully instruct the facility manager/supervisor as to correct operating procedure and safety requirements of the sliding door system.

### **3.04 FINAL CLEANUP**

After installation and adjustment for smooth, reliable operation, clean the door package and remove all surplus material, equipment, and debris incidental to this work.

**END OF SECTION**