

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