

**1. GENERAL****1.01 SUMMARY**

- A. Work included:  
Furnishing and installing factory fabricated and finished intensive care unit manual sliding door system.
- B. Related Work: [Inset applicable sections including]
1. Section 07900 - Caulking
  2. Section 08400 - Entrances and Storefronts
  3. Section 08710 – Finish Hardware
  4. Section 08800 – Glazing
  5. Section 16120 – Electrical

**1.02 SUBMITTALS**

- A. Product Data: Provide manufacturer's product and complete installation data for all materials in this specification
- B. Shop drawings: Show profiles, joining method, location of components, anchorage details, adjacent construction interface, and dimensions as well as all necessary wiring and electrical requirements.
- C. Samples: Sized to adequately represent material
- D. Contract Closeout: Submit the Manufacturer's warranty and performance certifications
- E. Installation Guide: Provide a written installation guide and /or installation recommendations

**1.04 QUALITY ASSURANCE**

- A. Installation and maintenance shall be performed by an authorized dealer and in strict compliance with manufacturers recommendations.

**1.05 PRODUCT HANDLING**

- A. All materials shall arrive in the manufacturer's original sealed labeled containers
- B. Store materials in a dry, protected, well vented area. Report damaged material immediately to the delivering carrier and note such damage on the carrier's freight bill of lading.
- C. Remove all protective material after installation.

**1.06 JOB CONDITIONS**

- A. Verify that other trades are complete before installing the intensive care unit manual sliding door system.
- B. Mounting surfaces shall be plumb, straight and secure; substrates shall be of proper dimension and material.
- C. Refer to the construction documents, shop drawings and manufacturer's installation instructions.
- D. Coordinate installation with the glass and glazing.
- E. Observe all appropriate OSHA safety guidelines for this work.

**1.07 WARRANTY/GUARANTEE**

- A. Manufacturer's Standard Warranty: Warranted materials shall be free of defects in material and workmanship for TWO years after installation.

**2. PRODUCTS****2.01 MANUFACTURER**

- A. Hunter Automatics Inc.  
11 Dansk Court,  
Toronto Ontario,  
M9W 5N6  
Tel: 1-877-3HUNTER  
Email: hunterauto@look.ca

**2.02 INTENSIVE CARE UNIT MANUAL SLIDING DOOR SYSTEM:**

- A. Intensive care unit door system: Shall be HUNTER MANUAL SLIDING DOOR SYSTEM. The system shall consist of sliding aluminum door(s) and sidelight(s) (unglazed), frames and header. The system shall be completely engineered, manufactured and assembled by Hunter Automatics Inc. All components shall be factory assembled, adjusted and tested.
- B. Sliding Aluminum Doors: Provide door units to dimension heights and widths corresponding glazing as shown on construction documents (select one: standard narrow stile or medium stile). Please specify as applies: Glass stops 1/4" or 5/8" shall be available for all door panels, other glass stop sizes available upon request. Sliding door(s) and sidelight(s) shall be sized to prevent pinch points at meeting stiles.
- C. Door Operation: Shall be either 2 panel, 3 panel, or 4 panel directional operation.
- D. Aluminum frame and Extrusions: Shall be a minimum 0.125" wall thickness in integral structural sections. The frame shall be standard 4-1/2" deep section with standard narrow stile.
- E. Aluminum Frame and Extrusions: Standard anodized finish shall be: Clear, Bronze or Light Bronze. Special and painted finishes are available upon request. Specify type and color.
- F. Sidelights: Provide sidelights to dimension heights and widths as shown on construction documents with corresponding glazing. All panels shall have intermediate rails. The sidelights shall swing out and allow the sliding doors to "breakaway" to the full open position for instant egress at any point in the door's movement per NFPA 101. Doors and panels in the "break out" mode shall provide double the normal entrance opening.
- G. Pivot Assembly: Shall allow the sliding panels to swing outward for emergency egress without the need of a lower door pivot support.
- H. Header Case: Shall be 4 1/2" wide by 3 5/8" high (144mm side by 102mm high) extruded aluminum. The header shall encompass the door track and anti-riser guide. The extruded aluminum cover shall have a continuous hinge which allows it to open approximately flush with the top of the header.
- I. Door hanger Wheels: Shall be 1 3/4" (64mm) diameter urethane wheels with stainless steel lifetime lubricated ball bearing centers. The doors shall be held on the track by 4 Derlin anti-riser blocks supported by a factory adjusted cantilever support and pivot assembly. The door height shall have an adjustment of 1/4" +/- as required by field conditions. All door height and anti-rise adjustments shall be full accessible with the hinge cover in the "open" position.
- J. Packages are available in track and trackless configurations, with full width threshold or door guides under sidelites.

- K. Architectural Hardware: Shall be supplied with urethane paint. Colour of finish shall be flat black. Recessed door pulls shall be provided for easy movement of doors. Sidelights shall have “d” shaped pull handles to facilitate independent sidelight “breakaway”. Stops shall be provided in the header for doors.
- L. Electrical Grounding: Specify if applicable: All ICU manual sliding doors shall be provided with electrical grounding.
- M. Accessories: Hunter ICU packages shall have the following accessories to reduce energy loss: Nylon sweep(s) on the bottom of the sliding door(s), double pile weatherstripping for the sliding door lead edges, single pile weather-stripping between the carrier and the header on the lead stile(s) of sidelights) and the pivot stile(s) of the sliding door(s).

**2.03 OPERATING CONDITIONS**

- A. All ICU manual sliding door system components shall operate between -30 degrees F and + 130 degrees F in all climatic conditions.

**3. EXECUTION****3.01 INSPECTION**

- A. Verify that the intensive care unit manual sliding door package installation will not disrupt other trades. The door installer shall verify that the installation area is dry, clean and free of foreign matter. Check as-built conditions and verify the manufacturer’s details for accuracy to fit the wall assembly prior to fabrication. Report in writing to the Contractor any detrimental conditions to the proper functioning of the intensive care unit door package. Installation shall proceed once the unsatisfactory conditions have been corrected in accordance to the manufacturer’s recommendations.

**3.02 INSTALLATION OF INTENSIVE CARE UNIT MANUAL SLIDING DOOR SYSTEM**

- A. Installation shall be by an installer approved and trained by the manufacturer in strict accordance with the manufacturer’s instructions and fire marshal’s listing requirements.
- B. Comply with the ICU manual sliding door system manufacturer’s recommendations and/or installation guide when installing the door system. Set all units plumb, level and true.
- C. Provide all fasteners required for installation of the ICU manual sliding door system.
- D. Adjustment and Cleaning: After repeated operation of the completed installation, re-adjust doors for optimum operating condition and safety. Clean all metal surfaces promptly after installation.

END SECTION 08300

Hunter Automatics adheres to continuous development. For this reason, specifications may change without notice.

SHEET	DOOR TYPE	DESCRIPTION
D1	ICU-18-2-FB	4 PANEL ICU BI-PART SLIDER FULL BREAKOUT OPTIONAL TRANSOM
D2	ICU-18-1-FBL	2 PANEL ICU BI-PART SLIDER FULL BREAKOUT OPTIONAL TRANSOM - LEFT
D3	ICU-18-1-FBR	2 PANEL ICU BI-PART SLIDER FULL BREAKOUT OPTIONAL TRANSOM - RIGHT
D4	ICU-18-2-FL	4 PANEL ICU BI-PART SLIDER FIXED SIDELITE OPTIONAL TRANSOM
D5	ICU-18-1-FLL	2 PANEL ICU BI-PART SLIDER FIXED SIDELITE OPTIONAL TRANSOM - LEFT
D6	ICU-18-1-FLR	2 PANEL ICU BI-PART SLIDER FIXED SIDELITE OPTIONAL TRANSOM - RIGHT
D7	ICU-18-4-RV	ICU SURFACE MOUNTED REV BI-PART SLIDER OPTIONAL TRANSOM
D8	ICU-18-3-RVL	ICU SURFACE MOUNTED REV SINGLE SLIDER OPTIONAL TRANSOM - LEFT
D9	ICU-18-3-RVR	ICU SURFACE MOUNTED REV SINGLE SLIDER OPTIONAL TRANSOM - RIGHT
D10	ICU-18-4-SFL	ICU SURFACE MOUNTED BI-PART SLIDER OPTIONAL TRANSOM
D11	ICU-18-3-SFLL	ICU SURFACE MOUNTED SINGLE-SLIDER OPTIONAL TRANSOM - LEFT
D12	ICU-18-3-SFLR	ICU SURFACE MOUNTED SINGLE-SLIDER OPTIONAL TRANSOM - RIGHT
D13	ICU-18-TBF	3 PANEL ICU TELESCOPIC SLIDER FULL BREAK OUT OPT TRANSOM
D14	ICU-18-TFL	3 PANEL ICU TELESCOPIC SLIDER FIXED SIDE LITE OPT TRANSOM