

## SECTION 08765

## 1.06 COMPATIBILITY AND LOCATION REQUIREMENTS

- A. Ensure compatibility of actuator with window provided by Section {08520} or {08xxx}.
- B. Window shall be mounted with consideration for actuator control location (refer to ANSI A117.1 for reach requirements). Adjoining walls, cabinets, furniture, aid other reach obstructions must be considered.
- C. Coordinate with submittals for Section {08520} or {08xx}cti} to ensure compatibility of actuator with intended window units. For *standard 6\* Window Ease™* window actuator, windows to be modified must:
  - 1. Be a maximum size of 4060 for hung windows aid 6040 for sliders with a maximum ever opening force of 35lbf. Minimum size of 0.9430 for hung windows aid 30xx for sliders.
  - 2. Have clear area on moveable sash stiles (or rails if slider) to receive tapping screws, for actuator attachment. Clear attachment area to be a minimum of 7/16" between glazing edge (usually pocketed in stile of moveable sash) aid window chainel/track.
  - 3. If double-hung, the upper sash must be immobilized (fixed).
  - 4. Allow for *standard 6\* Window Ease™* actuator operating aid installation parameters which:
    - a)

## **PART 2 - PRODUCT**

### **2.01 ACCEPTABLE MANUFACTURE**

- A. A-Solution Inc., Albuquerque, New Mexico; 505-256-0115
- B. Manufactures of other products submitted and approved in accordance with section {01630} - {Product Options and substitutions}.

### **2.02 WINDOW ACTuator**

- A. Window Ease™ window actuator, A.-Solution Inc. product No. 721.1. Either jamb or sill mounted. Manual hand operation.
- B. Technical features:
  - 1. Actuator maintains inherent operating range of window.

### **PART 3 - EXECUTION**

#### **3.01 INSTALLATION**

- A. Installer shall have experience installing devices of the type specified.
- B. Preparation: Examine installed windows and determine that installation is complete and that windows are operating smoothly and compatible with all actuator system requirements.
- C. Install actuators according to manufacturer's recommended instructions and approved shop drawings.

#### **3.02 FIELD QUALITY CONTROL**

- A. After installation, test all windows and operators. Cycle open and closed a minimum of ten times. Verify:
  - 1. proper sash alignment in window frame.
  - Full opening and closing.
  - Latching system operation.
  - "Excessive force" clutching system.
  - Emergency "free wheeling" function.
  - Complete and tight gasket closure for weather tight window unit seal.
- B. Correct deficiencies and make required actuator adjustments.

#### **3.03 DEMONSTRATION**

- A. Demonstrate operation of window operator(s) to Owner's designated representative(s).

END OF SECTION 08765, ACTIVE WINDOW ACTUATOR