

## **DIVISION 08 - DOORS AND WINDOWS**

### **Section 08720 - Automatic Door Operators**

#### **Introduction**

The University of Arizona has determined that, based on its experience with the performance and durability of the products described in this Section, and based on the benefits of limiting the range of repair parts which must be maintained in inventory, a proprietary specification is in the best interest of the University.

Require automatic door operators on at least one door leaf at each entrance intended or expected to be available for general ingress/egress use. *Automatic door operator locations will be approved by the University of Arizona.*

Use sliding automatic door operators only with the specific permission of the Project Coordinator.

Do not use the following products:

- Motion detectors
- Pressure mats

Coordinate electrical requirements on the drawings.

#### **Part 1 - General**

- Require that the supplier(s) and installer(s) demonstrate 5 years of successful installations of similar systems.

#### **Part 2 - Products**

- *Approved manufacturer and models are:*
  - *Horton Series 7000 (medium duty) for interior doors, 3'-0" or smaller*
  - *Horton Series 4000 (heavy duty) for exterior doors and interior doors greater than 3'-0".*
- Generally, specify the following features:
  - Electro-mechanical, swing operation
  - Sealed transmission
  - All metal gears
  - Interior, push side, surface, top jamb, mounting
  - Key controlled power shut-off
  - 3-second "door stalled" safety feature
  - Automatic assist on manual operation
  - Remote battery operated radio frequency, square push plate control, wall mounted, 2 for each door
  - Power on/off switch accessible on surface of operator.
- Safety rails are required but need not necessarily be the door operator manufacturer's standard products. Rails may be specified to harmonize with the overall building design.

#### **Part 3 - Execution**

- There are no unique University requirements in this Section.

#### **End of Section 08720**