

# Electric Operators and UL325 Standard

All UL approved commercial and industrial operators must meet the requirements of UL325 standards. All of the electric operators provided by Cornell are UL approved.

Although the majority of UL325 compliance items are the responsibility of the operator manufacturers, the following items need to be addressed during the ordering and installation process:

- 1) Commercial or industrial electric operators are not approved for residential use and therefore will not be provided for use in any residential applications. Residential operators require the following features that are not standard, or in some cases, not available with commercial operators:
  - The requirement for photo eyes or other safety devices that cannot be bypassed. If not connected and functioning, the operator will not close the door.
  - Requiring the door to reverse on a one inch obstruction in the opening.
  - If the door does not reach the down limit in thirty seconds, the operator must be programmed to reverse direction to open the door.
- 2) A connected and functioning primary entrapment protection device must be connected to any commercial or industrial electric operator that will be set up with momentary contact close or automatic close operation. The operator will otherwise function by constant contact close operation. Control stations are to be mounted within sight of the door.
- 3) Mechanism or full operator covers should be utilized for all exposed moving operator components mounted at or below 8 feet above finished floor or ground level. The purpose of the operator cover is to enclose moving operator parts or pinch points that pose a potentially dangerous condition to people.

Cornell strongly recommends that all operators be installed to meet the requirements of UL 325.