

## Gilgen FD20-F Swing Operator – Fire Rated Door

### Specification:

The automatic **FD20-F Swing** door operators as supplied by **Access Entry Pty** are to be electrically approved 24v electric operators, the single/double swing, housed in a natural anodised housing of dimensions being **H95 x D120 x L690**. The said operators are to be supplied by an Australian Owned and Operated company and must comply with all BCA requirements for automatic door operators and be fire tested by NATA approved laboratory.

#### THE EQUIPMENT SHALL INCORPORATE THE FOLLOWING FEATURES:

- **Operation:** Heavy Duty (250kg) internal and external door operator continuous duty with manual operation with and without mains power. Suitable for both hinge and pivot type doors.
- **Mounting:** Bulkhead/Transom/Structural plate for operator fixing (By Others)
- **Arm Configuration:** Slide arm for both outward/inward opening or rods for outward opening (high wind load)
- **Opening Function:** 24V DC motor or manual override adjustable back check on both to eliminate mechanical door stops and prevent damage to hinges by wind loads.
- **Closing Function:** Adjustable closing torque, adjustable closing speed and latch speed to overcome door seal pressure, sticky lock etc. **On Fire Signal automatically closes by spring force.**
- **Push & Go:** Standard, with auto spring powered close.
- **Opening Angle: Max 105deg..**
- **Closing & Closing Speed:** Adjustable
- **Power Source:** Solid 230v AC 50/60Hz 10a Rated power 100w.
- **Control Circuit:** Solid state integrated circuit with lock output.
- **Interface Options:** Fire alarm, building management and security system interface.
- **Control Functions:**
  - SK4- four position security key switch (can be master keyed by client)
- **Actuation (Options) :** Radar motion Eagle 6 Sensor, Magic Switch/no touch pads, push button etc.
- **Safety:** ITEC active & passive infrared presence sensing system mounted on door leaf.
- **Locking:**
  - a. Manual locking (by door manufacturer)
  - b. Electric Strike & Emergency egress push button (by security contractor)
  - c. Magnetic Lock & Emergency egress push button (by security) Inverse Models
- **Special Entry**
  - a. Card reader (by security contractor)
  - b. Master keyed key SK2 switch for entry to match existing master keyed system.(barrel by locksmith)
  - c. Access Entry Privacy Kit with LED status indicator
- **Fire Alarm:** Cabling provided by fire contractor. (1 set of open contacts, voltage free)
- **Security & Remote Cabling:** Cabling by nominated security contractor. ( 0.2mm 8 core )
- **Warranties:** The FD20-F Swing Door Operator is to be covered by a two (2) year parts guarantee and a twelve (12) months labour warranty. All Warranties to take effect upon date of Practical Completion.
- **Maintenance:** All automatic door operators should be serviced a minimum of three times per annum by qualified service technicians. Ref- AS5007-2007.