

## Gilgen FD20 – Swing Door Operator

### Specification:

The automatic **Gilgen FD20 Swing** door operators as supplied by **Access Entry Pty** are to be electrically approved for 230/240v. The single/double swing operators are to be housed in a natural anodized housing and cover 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.

#### 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 Winds)
- **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, closing speed and latch speed, to overcome door seal pressure, sticky lock etc.
- **Push & Go:** Standard, with auto spring powered close.
- **Opening Angle:** Max 105 deg.
- **Opening & Closing Speed:** Fully 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 Eagle6 Sensor, Magic Switch/no touch pads, push button etc.
- **Safety:** Active & passive infrared presence sensing system mounted on door leaf. (ITEC)
- **Locking:**
  - a. Manual locking (by door manufacturer)
  - b. Electric Strike & Emergency egress push button (by security)
  - c. Magnetic locks & Emergency egress push button for Inverse units (by security)
- **Special Entry**
  - a. Card reader (by security )
  - b. Master key able 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 Gilgen FD20 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:** The operator is to be safety inspected and maintained in accordance with AS5007-2007, i.e. three periodic log book entries per annum, by qualified technicians. **Contact 1800 555 900 for safety/service programme.**