

RESIDENTIAL
CONDOMINIUM

Hydraulic Swing Gate Operator

maximum leaf width

10 ft

maximum leaf weight

900 lb



- Versatile hydraulic operator for residential and light commercial application
- Hydraulic lock of the gate in opened and closed positions
- Key protected manual release
- Quiet operation
- Self lubricating for long life
- UL 325 Compliant

TECHNICAL SPECIFICATIONS

| | |
|-------------------------------------|--|
| Input voltage | 115 VAC (+10% -6%) or 230 VAC (+6% -10%) |
| Power | 220 W |
| Current | 2A (115V) - 1 A (230V) |
| Motor rotation speed | 1400 r.p.m. |
| Rod extension speed | 0.5 in/sec (1.3 cm/sec) |
| Pump flow rate | 1 l/min |
| Max. thrust | 1124 lbf (500 daN) |
| Min. leaf width | 7.5ft (2.3m) |
| Max. leaf width | 10 ft (3 m) |
| Max. leaf weight | 900 lb (410 Kg) |
| Use frequency | 55 |
| Operating ambient temperature | 4°F - 131°F (-20 °C to +55 °C) |
| Thermal protection on motor winding | 248 °F (120 °C) |
| Operator weight | 15.4 lb (7 kg) |
| Protection class | IP 55 |
| Operator dimensions (L x D x H) | 38.8 x 4.7 x 3.3 in (987x120x85mm) |

NOTE

- Mounting dimensions, wind factor and gate design will affect performance specification
- Use frequency is measured at an ambient temperature of 72 °F (20 °C) . Temperature variation will affect it
- Positive gate stops, which limit gate travel, are required in the opened and closed positions

| Model | Shipping Wt (approx) | Voltage | Oil Type | Part No. |
|------------------------------------|----------------------|---------|----------|--------------|
| 422 CBAC Standard Basic Single Kit | 39 lb (17.7 Kg) | 115V | Regular | 10420012.5 |
| | | | Arctic | 1042001277.5 |
| | | 230V | Regular | 1042001.5 |
| | | | Arctic | 104200177.5 |

The package 402 - Basic Single Kit 115V contains:

| Qty | Description | Part Number |
|-----|--|-------------|
| 1 | Operator 422 CBAC | Various |
| 1 | Prewired fiberglass enclosure 14x16 in | 3300 |
| 1 | 455D control panel 115V | 790919 |
| 1 | Receiver 433 RC Plug In | 787741 |
| 2 | 4-channel transmitter XT4 433 RC | 787453 |
| 1 | Pair of photobeams | 785163 |

The package 402 - Basic Single Kit 230V contains:

| Qty | Description | Part Number |
|-----|--|-------------|
| 1 | Operator 422 CBAC | Various |
| 1 | Prewired fiberglass enclosure 14x16 in | 3303 |
| 1 | 455D control panel 230V | 790926 |
| 1 | Receiver 433 RC Plug In | 787741 |
| 2 | 4-channel transmitter XT4 433 RC | 787453 |
| 1 | Pair of photobeams | 785163 |

To make the above kit a master/slave (bi-parting) system add one of the following:

| Model | Shipping Wt | Voltage | Oil Type | Part No. |
|------------------------|------------------|---------|----------|------------|
| 422 CBAC Operator only | 22 lb (10 Kg) | 115V | Regular | 10420012 |
| | | | Arctic | 1042001277 |
| | | 230V | Regular | 1042001 |
| | | | Arctic | 104200177 |

Note

- The 422 CBAC (locks in closed and opened position) can be converted in SB (no locks). Call 1-800-221-8278 for more information.



- Operates a single leaf or bi-parting gate
- Programmable opening and closing slow down
- 8 different function logics
- Built in closing timer
- Fail safe function for photocells
- Opening and closing delays selectable for overlapping gates
- Electrical thrust force adjustable

455D 115VAC / 230VAC Control Board

TECHNICAL SPECIFICATIONS

| | |
|--------------------------------|--|
| Input voltage | 115 VAC (+10% -6%) or 230 VAC (+6% -10%) |
| Input power | 10 W |
| Motor max. load | 800 W |
| Accessory max. load | 500 mA |
| Electric lock max load | 15 VA |
| Operating Temperature | -4°F ÷ 131°F (-20°C ÷ +55°C) |
| Dimensions overall (L x D x H) | 17.5 x 15.5 x 6.2" (445x393x157mm) |
| Weight (without batteries) | 15.5 Lbs (7 kg) |
| Protection class | NEMA type 3, 3R, 4, 4X, 12 and 13 |
| Number of operating logics | 8 |
| Protection Fuses | 2 |