

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	Asynchronous single phase
Rod stroke	9.8 in (250 mm)
90° opening time	approx. 12 sec
Pump flow rate	1 l/min
Thrust force	1124 lbf (500 daN)
Leaf minimum width	7.5ft (2.3m)
Leaf maximum width	10 ft (3 m)
Leaf maximum weight	900 lb (410 Kg)
Usage frequency (cycles per hour)	55
Operating ambient temperature	4°F - 131°F (-20 °C to +55 °C)
Thermal protection on motor winding	248 °F (120 °C)
Weight	15.4 lb (7 kg)
Protection class	IP 55
Dimensions (L x D x H) in mm	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

422

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 XP 30 photobeam photocells	785105
2	XP 30 adapters for conduit connection	401064

The package 402 - Basic Single Kit 230V contains:

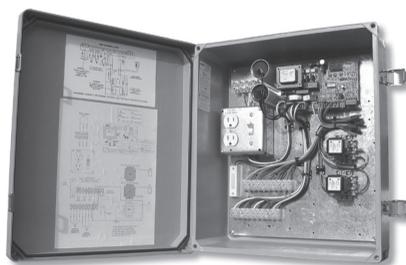
Qty	Description	Part Number
1	Operator 422 CBAC	Various
1	Prewired fiberglass enclosure 14x16 in	3303
1	455D control panel 230V	790926
1	Receiver 433 RC Plug In	787741
2	4-channel transmitter XT4 433 RC	787453
1	Pair of XP 30 photobeam photocells	785105
2	XP 30 adapters for conduit connection	401064

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