

In-ground electromechanical operator

maximum leaf width

11 ft

maximum leaf weight

1100 lb



- Invisible operator
- Access the operator without removing the leaf
- Protection class IP 67
- Non reversible design
- Optional 140 ° and 180 ° opening kits
- Maximum safety thanks to the E024U control board reverse on contact feature
- Built in battery backup to ensure operation in case of power outage
- Compliant with UL325 for Class I,II,III and IV application

TECHNICAL SPECIFICATIONS

Input Voltage	24 Vdc
Power	70 W
Current	3 A
Max. torque	221 lbf.ft (300 Nm)
Reduction ratio	1:1418
Angle speed	6°/sec
Max opening angle	110 ° (140 ° and 180 ° with optional kit)
Max. leaf width	11 ft (3.5 m)
Max. leaf weight	1100 lb (500 Kg)
Operating ambient temperature	-4°F - 131°F (-20°C - +55°C)
Use frequency	continuous
Operator Weight	26 lb (12 kg)
Operator dimensions (L x D x H)	14 x 6 x 5.5 in (360x150x140 mm)
Support box dimensions	17 x 12 x 8 in (430x307x214 mm)
Protection class	IP 67

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.
- An electric or magnetic lock is recommended for any gate longer than 12 ft (3.6 m).

Model	Shipping Wt (approx)	Part No
770 - Basic Single Kit	98 lb (44.5 Kg)	106753.5
770 - Operator only	24 lb (10.9 Kg)	10675315

The package 770 - Basic Single Kit contains:

Qty	Description	Part Number
1	Operator 770	10675315
1	Support Box	490065
1	E024U Enclosure Kit	3350.1
2	Batteries 12V 8 Ah	3540
1	Receiver 433 RC Plug In	787741
2	4-channel transmitter XT4 433 RC	787453
1	Pair of photobeams	785163

To make a master/slave (bi-parting) kit add these parts

Qty	Description	Part Number
1	Operator 770	10675315
1	Support Box	490065
tbd	AWG 12 - 2 conductors cable (operator)*	2197

(*) The AWG 12 cable can be used for connections of up to 50' of length between the operator and the control board.

E024U 24V Control Board



- UL325 and UL991 safety standard compliant
- Powerful and efficient switching Power Supply
- Easy Programming with trimmers and dip switches
- One pushbutton automatic time learning
- Self resetting fuses
- Built-in battery backup
- Low current idle mode to preserve battery
- Opening and closing delays selectable for overlapping gates
- Speed and force adjustable with trimmers
- Control Board firmware upgradable via USB
- Solar Powered option

TECHNICAL SPECIFICATIONS

Input Voltage	115 VAC (+10% -6%)
Input power	400 W max - 4W stand by
Motor output current max	7 A
Accessory Power	24 Vdc - 500 mA
Operating Temperature	-4°F - 131°F (-20°C - +55°C)
Dimensions	17.5 x 15.5 x 6.2 in (445x393x157mm)
Weight (without batteries)	15.5 Lbs (7 kg)
Protection class	NEMA type 3, 3R, 4, 4X, 12 and 13
Operating logics	Semiautomatic (E); Automatic (A); Security (S); Semiautomatic step by step (EP); Automatic step by step (AP); Security step by step (SP); Manned pulsed (B); Manned constant