

In-ground electromechanical operator

for residential swing-leaf gates with single-leaf max weight of 1100 lb (500 kg)



- 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 applications



TECHNICAL SPECIFICATIONS

Input Voltage	24 Vdc
Power	70 W
Current	3 A
Max torque	221 lbf.ft (300 Nm)
Reduction ratio	1:1418
Angular speed	6°/sec
Max opening angle	110 ° (140 ° and 180 ° with optional kit)
Maximum leaf width	10 ft (3 m)
Maximum 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	14 x 6 x 5.5 in (360x150x140 mm)
Support box dimensions	17 x 12 x 8 in (430x307x214 mm)
Protection class	IP 67

Notes

- 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).

770

Model	Shipping Wt (approx)	Part No.	Price
770 - Basic Single Kit	98 lb (44.5 Kg)	106753.5	\$2,586
770 - Operator only	24 lb (10.9 Kg)	10675315	\$1,012

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

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

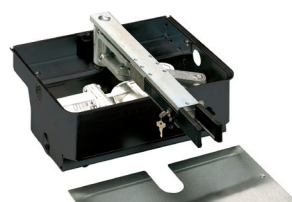
(*) The AWG 12 cable can be used for connections of up to 50' of length between the operator and the control board.

ACCESSORIES



Stainless steel support box package

Part No.	490110
Price	\$728
Shipping Wt	36 lb (16.3 Kg)



Support box package

Part No.	490065
Price	\$467
Shipping Wt	36 lb (16.3 Kg)



Positive stop Kit for Open Position

Part No.	722121
Price	\$52



Positive stop Kit for Close Position

Part No.	722122
Price	\$130

Kit 140 ° opening

Part No.	390612
Price	\$187

Manual release lever

Part No.	424010
Price	\$328

Kit 180 ° opening

Part No.	490111
Price	\$525

The support box package includes:

The box (regular or stainless steel), a stainless steel lid, a bracket for leaf support with integrated manual release system, two release keys, installation accessories.

Description	Shipping Wt (approx)	Part Number	Price
Loop Detector Interface		2670	\$120
10 Pin Plug in Loop Detector		PLD1500	\$177
XIB interface for Shadow Loop		790062	\$32
Photobeam Photocells Pair	1 lb (0.45 Kg)	785163	\$244
Photobeam mounting post single (with foundation plate)	5 lb (2.2 Kg)	401028/737630.5	\$123
Photo beam mounting post double (with foundation plate)	9 lb (4.1 Kg)	401035/737630.5	\$198
Transmitter Rolling Code 433MHz		787453	\$23
Receiver Rolling Code 433Mhz		787741	\$42
Transmitter 418 MHz Dip Switch Dual Channel		787317	\$53
Transmitter 418 MHz Dip Switch Single Channel		1tm418ds	\$45
Receiver 418 MHz Dip Switch		1rp418ds	\$79
Tuned Antenna Kit		412003	\$88
Cable AWG 12 - 2 conductors 10 ft length		2197	\$60