



# LIFTMASTER

## Hydraulic Swing Gate Motors



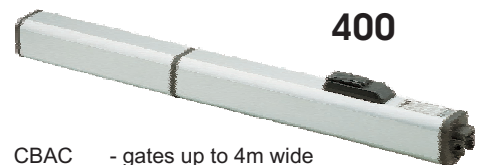
**402 CBC**

- Gates up to 2.5m wide



**422 CBAC**

- Gates up to 3m wide



**400**

CBAC - gates up to 4m wide  
CBACS - gates up to 7m wide

*CBC - Hydraulically locked closed only  
CBAC - Hydraulically locked open and closed  
CBACS - CBAC Slow*

### Choice

Choosing the right motor is easy with Liftmaster's range of hydraulic operators. The three models to choose from include the 402, 422 and 400. Refer to Table 1. to select the right motor for your gate specifications and usage.

### Quality

Superior quality, clever design, and precision engineering ensure Liftmaster's hydraulic openers perform at the highest level. Quality materials are used for enhanced resistance to atmospheric agents, while a motor oil bath provides quiet and smooth operation. Precision movement and reliability make this range stand out from the rest.

### Safety

Two super-sensitive by-pass valves ensure that Liftmaster's hydraulic range offers maximum anti-crushing safety. Liftmaster recommends the use of photo-electrics on all gate installations.

### Convenience

Each model has a special release key making them easy to manually operate in an emergency.

### Controls

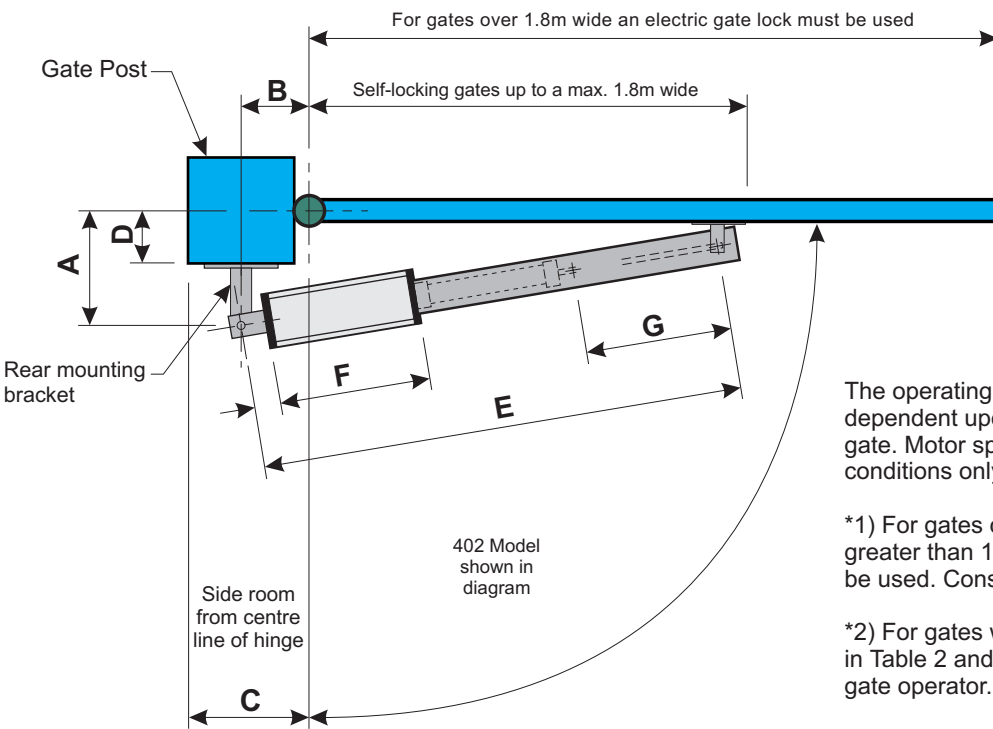
Liftmaster design and manufacture their own Logic controls to suit and comply with local power sources and regulations. Features include leaf delay, pedestrian opening, electric lock output with shunt, at least 3 logic functions and safety device inputs.

The Magic Button Keyring remote, with over 4 billion codes, helps make your arrival home easy, safe and secure.

### Accessories

- Radio Control
- Photo Electrics
- Intercoms
- Card Access Controls
- Key Switches
- Push Button
- Wireless Keypad
- Gate Locks

# Hydraulic Technical Specifications



The operating parameters of these motor are dependent upon wind loadings affecting the gate. Motor specifications are correct for calm conditions only.

\*1) For gates opening over 90° with a leaf greater than 1.8m wide, a slower model should be used. Consult with Liftmaster for assistance.

\*2) For gates with a "D" dimension greater than in Table 2 and 3. refer to our TRIGON swing gate operator.

**Table 1. Model Specifications**

Motor	Power	Current	Power Absorbed	Duty Cycle	Max. Opening angle	Max. gate leaf width to 90°	Average travel time to 90°	IP Rating	Temp. Range C°	Thrust traction force	Thermal cut out
402 CBC	240V	1 A	220 W	50 / hour	110° max. 1.8m gate	2.5m* <sup>1</sup>	16 sec	55	-40 +55	500 daN	120°C
422 CBAC	240V	1 A	220 W	50 / hour	110° Max. 2.5m gate	3m* <sup>1</sup>	18 sec	55	-40 +55	500 daN	120°C
400 CBAC 400 CBACS	240V	1 A	220 W	60 / hour	120° max. 3m gate	4m CBAC* <sup>1</sup> 7m CBACS* <sup>1</sup>	25 sec 33 sec	55	-40 +55	600 daN	120°C

**Table 2. Installation Data for 90°**

Motor	A	B	C	D <sup>2</sup>	E	F	G
402	120	120	160	55	910	265	240
422	120	120	160	55	930	275	240
400	130	130	180	80	970	605	270

**Table 3. Installation Data for 110°**

Motor	A	B	C	D <sup>2</sup>	E	F	G
402	90	90	160	40	910	265	240
422	90	90	160	40	930	275	240
400	100	90	180	50	970	605	270

**IMPORTANT NOTICE:**

- 1.) Ground stops MUST be installed in both open and closed positions.
- 2.) For outward opening gates, consult Liftmaster.
- 3.) For gates wider than 4m consult Liftmaster.
- 4.) Gate lock to be installed on all gates over 1.8m wide.
- 5.) Check your gate meets the specifications of tables 1, 2 and 3 before automating.

Liftmaster is not responsible for failure to observe good technique in the construction of the structure to be motorised, or for any deformation that may occur during use.

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