

Hydraulic operator 230V

for residential and condominium swing-leaf gates with single-leaf
max width of 1.8 m (422 CBAC)
and 3 m (422 SB)


SAFEzone System:

422 + E045 or E145 + SAFEcoder


GREENTECH System:

422 + E045 or E145

- Front attachment with spherical joint.
- Anti-corrosion cover with high weather resistance.
- Key protected, release device.



DIMENSIONS AND TECHNICAL SPECIFICATIONS OF 422

	422 CBAC	422SB
Power supply voltage		230 Vac (+6% -10%) 50 (60) Hz
Absorbed power		220 W
Absorbed current		1 A
Motor rotation speed		1400 r.p.m.
Rod extension speed	1.3 cm/s	1 cm/s
Pump flow rate	1 l/min	0.75 l/min
Traction and thrust force	0 to 500 daN	0 to 690 daN
Operating ambient temperature		-20 °C to +55 °C
Thermal protection on motor winding		120 °C
Weight		7 kg
Type of oil		FAAC HP OIL
Protection class		IP 55
Dimensions (L x D x H) in mm		987 x 120 x 85 mm - pedestrian 827 x 120 x 85 mm

EXAMPLE OF A TYPICAL INSTALLATION


■ (A) Low voltage cabling

- 3 cables 3x0.50
- 1 cable 2x0.50

■ (B) Power cabling (230 V)

- 2 cables 3x1.50+T
- 1 cable 2x1.5+T
- 1 cable 2x1.5

N.B.: Cable sections in mm²

Ref.	Q.ty	Description	Item code
1	2	Operator 422 CBAC	104200
4	1	Control board E045	790005
4	1	Enclosure mod. L	720118
	1	Receiver board RP 433 SLH	787824
	1	Two-channel transmitter XT2 433 SLH LR	787007
	1	Flashing lamp FAACLIGHT	410013
6	1	Pair of photocells SAFEBEAM	785165
5	1	Key-operated push-button T10 E	401019001/36

Notes

IMPORTANT: The configuration does not include the safety devices (i.e.: active or passive safety edges) that are to be determined according to the specific "risk analysis" of each installation (Ref.: UNI-EN 12445 and 12453 European Standards).

422 - 422 PED.

Model	Use		Item code
	Single-leaf max. width (m)	Use frequency (cycles/hour)	
422 CBAC	1.80	55	104200
422 SB	3.00	55	104212

The **422 packages contain**: a hydraulic operator with opening/closing hydraulic block (**422 CBAC**), without block (**422 SB**), installation accessories, a release key, a thrust capacitor 8 μ F 400 V.

CONTROL UNITS

Enclosure mod. LM for control boards

Item code 720309

Enclosure mod. L for control boards

Item code 720118

Enclosure mod. E for control boards

Item code 720119



Control board E045
Technical specifications page 140

Item code 790005



Control board E145
Technical specifications page 141

Item code 790006

SPECIFIC ACCESSORIES



Plate for walling-in

Item code 737604



Release lock with customised key
from no. 1 to no. 36

Item code 712501001 to 712501036



SAFEcoder absolute encoder
Magnetic bus (Patent FAAC)

Item code 404040



Union for sheath RTA

Item code 710010

Notes

- An electric lock should be installed for operators without a block facility.

OTHER ACCESSORIES



Key-operated
push-buttons
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Photocells
and Columns
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Safety
devices
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Flashing lamps
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Transmitters
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Various
accessories
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