



Max width single leaf

1.8 m

Use frequency (cycles/hour)

18



- Non reversing operator, does not require electric lock.
- Easy installation and maintenance.
- Lever release device on the rear side of the operator.



**230V SAFEzone  
system:**  
412 + E045S or E145S  
+ SAFEcoder



**GREENtech 230V  
system:**  
412 + E045S or  
E145S



**DIMENSIONS AND TECHNICAL SPECIFICATIONS**

Model	412 RH	412 LH
Power supply voltage	220-240V~ 50/60 Hz	
Electric motor	Asynchronous single phase	
Max. power	280 W	
Max expressed force	3500 N (*)	
Rod max speed	16 mm/s (*)	
Rod travel	290 mm	
Max. leaf opening angle	110°	
Operating ambient temperature	-20°C ÷ + 55°C	
Thermal protection	140°C	
Protection class	IP44	
Weight	6.5 Kg	
Use frequency	18 cycles/hour	
Max. leaf width	1.8 m	
Mounting brackets	Rear attachment to be welded/screwed - front attachment to be welded	
Dimensions (LxDxH)	991 x 101 x 172 mm	
Electronic equipment	Not included	

(\*) data referred to 230V~ 50Hz.

FAMILY MODELS

Model	Item code
412 RH	104470
412 LH	104471

PACKS

**412 RH/LH includes:** an electromechanical operator (RH or LH), installation accessories, a release key, a 400V 8μF thrust capacitor.

ELECTRONIC CONTROL UNITS



E145S control unit  
Info at page 142

790076



E045S control unit  
Info at page 140

790077

ACCESSORIES



Enclosure mod. L for  
electronic control units

720118



Enclosure mod. E for  
electronic control units

720119



Enclosure mod. LM for  
electronic control units

720309

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Plate to be walled

737604



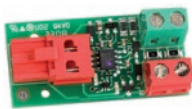
Pair of supplementary  
release keys

713009



SAFEcoder (BUS  
magnetic absolute  
encoder) for 412  
operator (FAAC Patent)

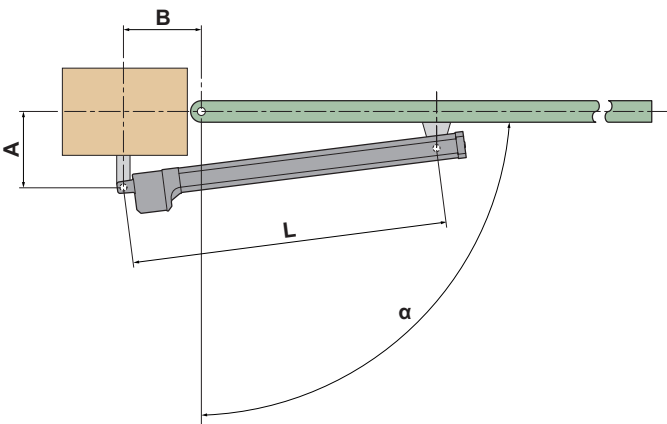
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BUS XIB interface  
(for E045 or E045S or  
E024S boards with  
photocell no BUS)

790062

INSTALLATION DIMENSIONS (MM)



$\alpha$	A	B	L
90°	145	145	892
110°	125	125	

For any other configuration please refer to the technical manual

NOTE

The version for right leaves (RH and LH) is determined looking at the gate from inside the property.