Automatic barriers

RESIDENTIAL
CONDOMINIUM

615 BPR
Automatic barrier

maximum beam length

13 ft

opening time

6 s

- Ideal for light to moderate traffic applications
- Hydraulic operator with opening and closing locks
- Adjustable hydraulic pressure
- External triangular key operated manual release
- Built-in limit-switches
- Quiet operation

TECHNICAL SPECIFICATIONS 615 BPR	
Input voltage	115 VAC (+10% -6%) - 230 Vac (+6% -10%)
Power	220 W
Current	2A (115V) - 1 A (230V)
Motor rotation speed	1400 r.p.m.
Pump flow rate	1,5 l/min
Opening time	6 s
Max beam length	13 ft (4 m)
Thermal protection on motor winding	248 °F (120 °C)
Operating ambient temperature	-4°F - 131°F (-20°C - +55°C)
Weight	75 lb (34 kg)
Barrier body treatment	100 micron epoxy zinc-plating anti-corrosion treatment
Paint	Polyester RAL 2004
Protection class	IP 44
Max. consecutive cycles at 68°F (20°)	220
Use frequency	50%
Dimensions (L x D x H)	10.6 x 5.5 x 40 in (270x140x1015 mm)
Thrust capacitor	8 µF 400 V

615 BPR CONTROL BOARD TECHNICAL SPECIFICATIONS	
Motor max. load	800 W
Accessories max. current	250 mA
Operating ambient temperature	-4°F - 131°F (-20°C - +55°C)
Protection fuses	F1 = 6,3 A - 250 V - F2 = self-resetting
Function logics	6
Work time (time-out)	Self-learning (0-10 min with steps of 2.5 sec) - Default=10 min
Pause time	Self-learning (0-5 min with steps of 1.5 sec) - Default=30 sec
Terminal board inputs	Open - Close - Stop - Closing safety devices - Limit switches - Power supply
Terminal board outputs	Motor - Flashing lamp - Courtesy light and accessories power supply

FAAC

615 BPR

Model	Shipping Wt (approx)	Part No.
615 standard 115 VAC	79 lb (36 kg)	1049062
615 standard 230 VAC	79 lb (36 kg)	104906

The packages 615 include: barrier body, hydraulic transmission system complete with hydraulic control unit and double-acting piston, installation accessories, a triangular release key. No spring (to be added as per chart below)
NOTE: Make sure to order the beam kit when ordering the operator

Beam Kits

	Actual Length	Spring	Shipping Wt (approx)	Part No.
6 feet	71.5 in (1815 mm)	5.5	10 lb (4.5 Kg)	428087/615.5
8 feet	91.1 in (2315 mm)	6.0	12 lb (5.4 Kg)	428088/615.5
10 feet	110.8 in (2815 mm)	6.0	15 lb (6.8 Kg)	428089/615.5
13 feet	150.2 in (3815 mm)	7.0	19.5 lb (8.8 Kg)	428090/615.5

Balancing springs

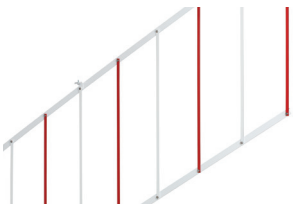
Ø	Part No.
5.5	721008
6.0	721005
7.0	721006

Standard rectangular beams

Length	71.5 in (1815mm)
Part No.	428087
Length	91.1 in (2315mm)
Part No.	428088
Length	110.8 in (2815mm)
Part No.	428089
Length	150.2 in (3815mm)
Part No.	428090

Note:
The Beam Kits include:
- Aluminium Beam
- Spring
- Beam Bracket

ACCESSORIES



Skirted Beam Kits

Length	6.5 ft (2m)
Part No.	428441
Length	10 ft (3m)
Part No.	428446

Foundation plate

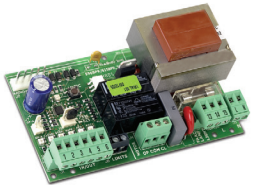
Part No.	490073

Articulated Beam kit
max. ceiling height 10 ft (3 m)

Part No.	428137

Beam Bracket

Part No.	428342



615 BPR control board

Part No. 115V	20228125
Part No. 220V	790281

Anti-vandalism valve

Part No.	401066