MA/MAT BARRIER GATE OPERATOR
SECTION 32 31 00

KEY FEATURES

BATTERY BACKUP
Up to 900 cycles seamless operation between barrier gate and all DC control and sensing devices in the event of a power loss

REMOTE CONTROL ACCESS
Security+ 2.0® 3-channel receiver will handle up to 90 remote controls (unlimited remotes with 811LM/813LM)

FIRE DEPARTMENT COMPLIANT
Allows gate to auto open upon loss of AC power or battery depletion

LIMIT SETTING
Magnetic

SPECIFICATIONS

OPERATOR SPEED
Opening time: 2.5 seconds

POWER
120V/230VAC single phase

ACCESSORY POWER
24VDC, 500mA

OPERATOR WEIGHT
MADCBB3 – 89 lbs.; MATDCBB3 – 113 lbs.

WARRANTY
2 years; 10 years frame and cover

TEMPERATURE SPECIFICATIONS
Without heater: -4°F (-20°C) to 140°F (60°C); with optional heater: -40°F (-40°C) to 140°F (60°C)

UL USAGE CLASSIFICATION
UL 325 & UL 991 listed – class I, II, III and IV

CONSTRUCTION

MOTOR
24VDC - 1/2 HP equivalent

OPERATOR DUTY RATING
Continuous duty

CHASSIS/FRAME
Powder coated 1/4 in. aluminum alloy

GEAR REDUCTION
60:1 worm gear reducer in synthetic oil bath

ARMS
12’, 17’ LED arms; 12’, 14’, 17’ aluminum round arms; 12’, 14’ aluminum arm with yellow padding

COVER
MA – UV-resistant polyethylene; MAT – full aluminum cabinet

RECOMMENDED CAPACITIES
12 ft. & 15 ft. aluminum arm and 14 ft. soft padded arm recommended, 6,000 cycles per day
DIMENSIONS

MA

- 21.5" booth
- 20.25" arm
- 17.5" riser
- 15.75" arm
- 9.0" bar
- 36.5" vertical
- 41.5" overall

MAT

- 13.5" arm
- 36.5" vertical
- 42.0" overall

CAPACITY

<table>
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<tr>
<th>HP</th>
<th>MAX. ARM LENGTH (ft.)</th>
<th>CYCLES PER DAY</th>
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<tr>
<td>1/2</td>
<td>12 ft. &amp; 15 ft. aluminum arm and 14 ft. soft padded arm recommended</td>
<td>6,000</td>
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