AUTOMATIC SWING DOOR OPENER
M-FORCE™ (Next Generation Magic-Force)

4.04- LOW ENERGY OPERATOR ON H.M/WOOD ALUMINUM DOOR & FRAME

- 4.04.01 - LE OPERATOR, HMW FRAME, VISIBLE, RH-IN
- 4.04.02 - LE OPERATOR, HMW FRAME, VISIBLE, LH-IN
- 4.04.03 - LE OPERATOR, HMW FRAME, VISIBLE, RH-OUT
- 4.04.04 - LE OPERATOR, HMW FRAME, VISIBLE, LH-OUT
- 4.04.05 - LE OPERATOR, HMW FRAME, VISIBLE, PAIR IN
- 4.04.06 - LE OPERATOR, HMW FRAME, VISIBLE, PAIR OUT
- 4.04.07 - LE OPERATOR, HMW FRAME, VISIBLE, PAIR DOUBLE EGRESS
- 4.04.09 - LE OPERATOR, HMW FRAME, VISIBLE, SINGLE ON PAIR, RH-IN
- 4.04.10 - LE OPERATOR, HMW FRAME, VISIBLE, SINGLE ON PAIR, LH-IN
- 4.04.11 - LE OPERATOR, HMW FRAME, VISIBLE, SINGLE ON PAIR, RH-OUT
- 4.04.12 - LE OPERATOR, HMW FRAME, VISIBLE, SINGLE ON PAIR, LH-OUT
M-FORCE™
(NEXT GENERATION MAGIC-FORCE™)

POWER CONTROLS

ACCESS COVER

POWER CONTROLS

SOLID BLOCKING REQUIRED BY OTHERS

M-FORCE OPERATOR AND HEADER

M-FORCE HEADER

ELEVATION

VERTICAL SECTION

VISIBLE "IN"

ELEVATION

HORIZONTAL SECTION

DOOR OPENING

MIN. 30"[862] – MAX. 48"[1219]

INTERIOR PLAN

NOTES
1. DETAILS NOT TO SCALE.
2. ELECTRICAL REQUIREMENTS: BY ELECTRICAL CONTRACTOR
   2.1. 120 VAC, 5 AMP MIN TO OPERATOR.
   2.2. CONTROL CIRCUIT FROM ACTIVATION TO OPERATOR.
3. DOORS, FRAMES, AND HARDWARE BY OTHERS.
4. DOORS MUST BE UN–LATCHED FOR PROPER OPERATION. PROVIDE TIME DELAY RELAY WHEN REQUIRED FOR PROPER OPERATION.
5. OPERATOR AND INSTALLATION TO COMPLY WITH ANSI/BHMA A156.19.
6. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
M-FORCE™
(NEXT GENERATION MAGIC-FORCE™)

POWER
CONTROLS
5 1/2" [140]

ACCESS
COVER
6" [152]

M-FORCE
OPERATOR
AND
HEADER

SOLID
BLOCKING
REQUIRED
BY OTHERS

1

VERTICAL SECTION

VISIBLE "IN"

ELEVATION

M-FORCE
HEADER

2

DOOR OPENING
MIN. 30" [862] – MAX. 48" [1219]

VISIBLE HEADER CASE ABOVE

HORIZONTAL SECTION

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**M-FORCE™**
(NEXT GENERATION MAGIC-FORCE™)

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**POWER CONTROLS**
- 1/2" [140]

**ACCESS COVER**
- 6" [152]
  - 1 1/4" [32]
  - 1 1/8" [29]

**M-FORCE OPERATOR AND HEADER**

**SOLID BLOCKING REQUIRED BY OTHERS**

**VERTICAL SECTION**

**ELEVATION**

**INTERIOR PLAN**

**HORIZONTAL SECTION**

**POWER CONTROLS**

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**REVISION:** 09/19/2019

**PAGE:** 4.04.05
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M-FORCE™
(NEXT GENERATION MAGIC-FORCE™)

POWER CONTROLS
5 1/2" [140]

ACCESS COVER
6" [152]

M-FORCE OPERATOR AND HEADER

SOLID BLOCKING REQUIRED BY OTHERS

SWING
1 1/4" [32]
1 1/8" [29]

VISIBLE "IN"
VERTICAL SECTION

1

ELECTRICAL - CONTROLS

1
2

M-FORCE HEADER

ELEVATION

EXTERIOR

INTERIOR

PLAN

POWER CONTROLS
5 1/2" [140]

ACCESS COVER
6" [152]

M-FORCE OPERATOR AND HEADER

SWING
1 1/2" [38]

REVEAL - DISTANCE FROM THE FACE OF THE DOOR TO THE REAR OF OPERATOR

VISIBLE "OUT"
VERTICAL SECTION

2

HORIZONTAL SECTION

1 1/2(38)
1 1/2(38)

DOOR OPENING MIN. 60”(1524) - MAX. 96”(2438)

NOTES
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M-FORCE™ (NEXT GENERATION MAGIC-FORCE™)

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M-FORCE™
(NEXT GENERATION MAGIC-FORCE™)

POWER
- CONTROLS
5 1/2" [140]

ACCESS COVER

M-FORCE OPERATOR AND HEADER

SOLID BLOCKING REQUIRED BY OTHERS

REVEAL - DISTANCE FROM THE FACE OF THE DOOR TO THE REAR OF OPERATOR

VISBILE "OUT"

① VERTICAL SECTION

ELEVATION

M-FORCE HEADER

SWING

MANUAL

EXTERIOR

INTERIOR PLAN

DOOR OPENING MIN. 60"[1524] - MAX. 96"[2438]

VISIBL HEADER CASE ABOVE

② HORIZONTAL SECTION

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M-FORCE™
(NEXT GENERATION MAGIC-FORCE™)

POWER - CONTROLS
5 1/2" [140]

ACCESS COVER
6" [152]
1 1/4" [32]

SOLID BLOCKING REQUIRED BY OTHERS

M-FORCE OPERATOR AND HEADER

1 1/2" [38]
1 1/2" [38]

SWING

REVEAL - DISTANCE FROM THE FACE OF THE DOOR TO THE REAR OF OPERATOR

VISIBLE "OUT"

VERTICAL SECTION

ELEVATION

EXTERIOR

INTERIOR

PLAN

M-FORCE HEADER

POWER- CONTROLS

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