4.07- LOW ENERGY OPERATOR, BOTTOM LOAD ON HM/WOOD DOOR & FRAME

• 4.07.01 - LE OPERATOR, AL FRAME, BOTTOM LOAD, SURFACE, RH-IN
• 4.07.02 - LE OPERATOR, AL FRAME, BOTTOM LOAD, SURFACE, LH-IN
• 4.07.03 - LE OPERATOR, AL FRAME, BOTTOM LOAD, SURFACE, RH-OUT
• 4.07.04 - LE OPERATOR, AL FRAME, BOTTOM LOAD, SURFACE, LH-OUT
• 4.07.05 - LE OPERATOR, AL FRAME, BOTTOM LOAD, SURFACE, PAIR IN
• 4.07.06 - LE OPERATOR, AL FRAME, BOTTOM LOAD, SURFACE, PAIR OUT
• 4.07.07 - LE OPERATOR, AL FRAME, BOTTOM LOAD, CONCEALED, RH
• 4.07.08 - LE OPERATOR, AL FRAME, BOTTOM LOAD, CONCEALED, LH
• 4.07.09 - LE OPERATOR, AL FRAME, BOTTOM LOAD, CONCEALED, PR
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.
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M-FORCE™
(NEXT GENERATION MAGIC-FORCE™)

LE OPERATOR, BOTTOM LOAD, AL FRAME, SURFACE, RH OUT

POWER CONTROLS

1
CEILING LEVEL

M-FORCE HEADER

POWER CONTROL

BLOCKING

4 1/2" [114]

M-FORCE OPERATOR AND HEADER

6" [152]

CEILING LEVEL

1 1/4" [32]

1 1/2" [38]

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

SURFACE "OUT"

VERTICAL SECTION

DOOR OPENING
MIN. 30"[762] - MAX. 48"[1219]

SURFACE HEADER CASE ABOVE

1

HORIZONTAL SECTION

1 1/2" [38]

EXTERIOR

INTERIOR PLAN

1

ELEVATION

NOTES
1. DETAILS NOT TO SCALE.
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M-FORCE™
(NEXT GENERATION MAGIC-FORCE™)

LE OPERATOR, BOTTOM LOAD, AL FRAME, SURFACE, LH OUT

PROJECT INFORMATION

PROJECT NAME:
LOCATION:
DOOR NUMBER(S):
DATE:

SHEET: OF

POWER CONTROLS

CEILING LEVEL

M-FORCE HEADER

1

POWER CONTROL

4 1/2" [114]

M-FORCE OPERATOR AND HEADER

6" [152]

CEILING LEVEL

1 1/4" [32]

SWING

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

VERTICAL SECTION

SURFACE "OUT"

1 1/2" [38]

DOOR OPENING MIN. 30"[762] - MAX. 48"[1219]

M-FORCE HEADER CASE ABOVE

HORIZONTAL SECTION

SURFACE HEADER

ELEVATION

EXTERIOR

INTERIOR PLAN

NOTES
1. DETAILS NOT TO SCALE.
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REVISION: 08/25/2019

PAGE: 4.07.04
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M-FORCE™
(NEXT GENERATION MAGIC-FORCE™)

LE OPERATOR, BOTTOM LOAD, AL FRAME, SURFACE, PAIR OUT

POWER CONTROLS

CEILING LEVEL

M-FORCE HEADER

1

SWING

ACCESS COVER

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

SURFACE "OUT"

VERTICAL SECTION

1

ELEVATION

INTERIOR PLAN

POWER CONTROLS

CEILING LEVEL

M-FORCE HEADER

2

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

SURFACE HEADER CASE ABOVE

NOTES
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6. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
M-FORCE™
(NEXT GENERATION MAGIC-FORCE™)

LE OPERATOR, BOTTOM LOAD, AL FRAME, CONCEALED, RH

PROJECT INFORMATION

PROJECT NAME:
LOCATION:
DOOR NUMBER(S):
DATE:

 SHEET: OF

1. VERTICAL SECTION

POWER CONTROLS
M-FORCE OPERATOR AND HEADER
CEILING LEVEL
ACCESS COVER
DOOR ARM

CONCEALED

2. HORIZONTAL SECTION

CONCEALED HEADER CASE
DOOR OPENING
MIN. 30"[762] - MAX. 48"[1219]

Pivot Point

2 3/4" [70]

ELEVATION

PLAN

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

LE OPERATOR, BOTTOM LOAD, AL FRAME, CONCEALED, PR

PROJECT INFORMATION

PROJECT NAME:
LOCATION:
DOOR NUMBER(S):
DATE:

SHEET: OF

POWER
CONTROLS

CEILING
LEVEL

1
M-FORCE
HEADER

CONCEALED

VERTICAL SECTION

ACCESS
COVER

DOOR ARM

CONCEALED HEADER CASE

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

HORIZONTAL SECTION

2

Pivot Point

2 3/4" [70] 2 3/4" [70]

ELEVATION

PLAN

NOTES
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