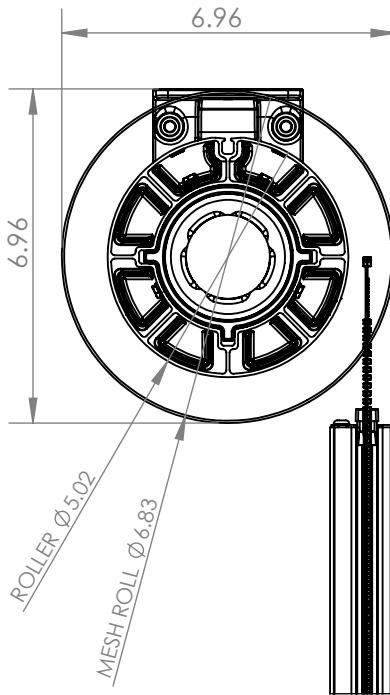


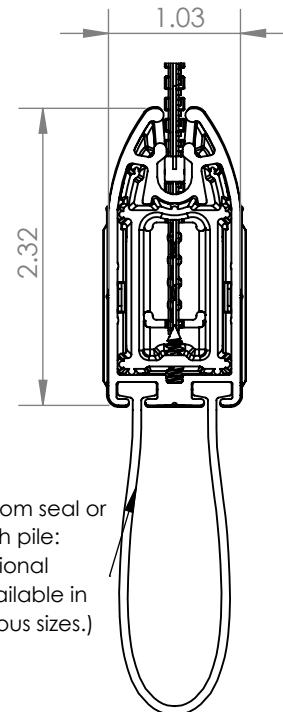
Motorized Retractable Screen

5" Recessed Roller with Sure Fit Track

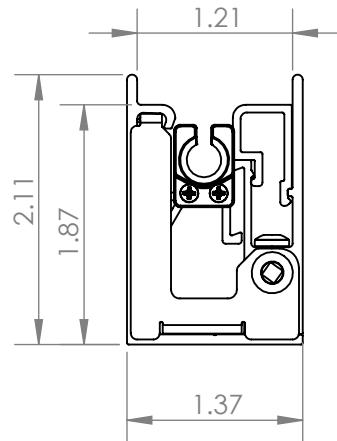
B



5" RECESSED ROLLER ASSY
SECTION VIEW
SCALE 1:4



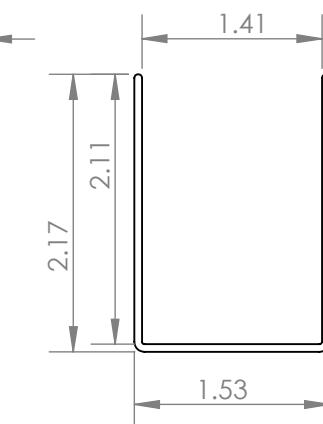
SLidebar ASSY
SECTION VIEW
SCALE 1:1.5



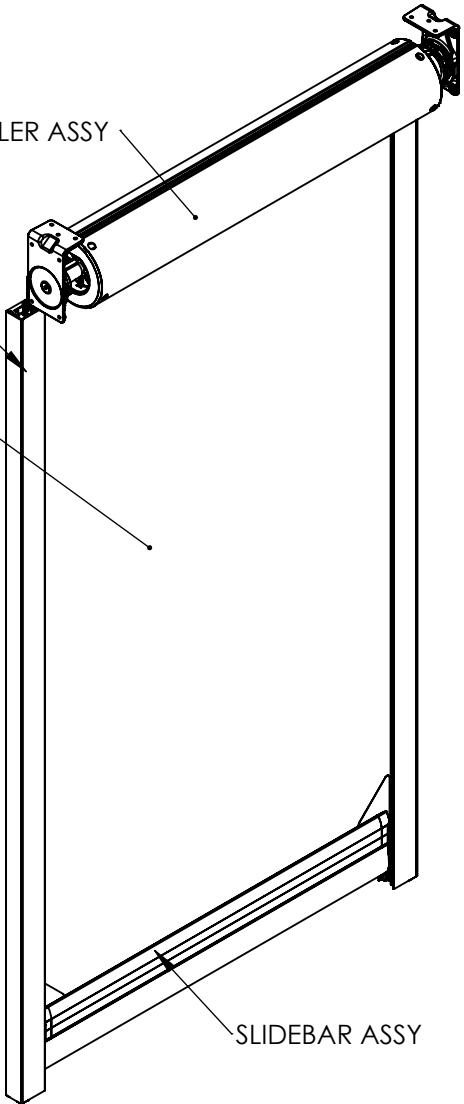
SURE FIT TRACK ASSY
TOP VIEW
SCALE 1:1.5

SURE FIT TRACK ASSY

FABRIC



U-GUARD
TOP VIEW
SCALE 1:1.5



SCALE 1:12

A

B

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FRACTIONAL $\pm 1/32$
ANGULAR ± 2
TWO PLACE DECIMAL $\pm .013$ "
THREE PLACE DECIMAL $\pm .005$ "

STANDARD TOLERANCES APPLY
UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC
TOLERANCING PER: ASME Y14.5
THIRD ANGLE PROJECTION
MATERIAL
ASSY

DRAWN
SA
2025-12-15

CHECKED
PP
2025-12-15
ENG APPR.
PP
2025-12-15

MFG APPR.
Q.A.

TITLE: Mz2.0, 5" Recessed Roller, Sure Fit Track

SIZE
A
DWG. NO.
EPN450
REV
2

SCALE: 1:12

WEIGHT:

SHEET 1 OF 14

Motorized Retractable Screen
5" Recessed Roller with Sure Fit Track
Exploded View

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 THREE PLACE DECIMAL $\pm .005$ "

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 UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC
 TOLERANCING PER: ASME Y14.5
 THIRD ANGLE PROJECTION

MATERIAL
 ASSY

DRAWN

SA

2025-12-15

TITLE: Mz2.0, 5" Recessed Roller, Sure Fit Track

SIZE

A

DWG. NO.

EPN450

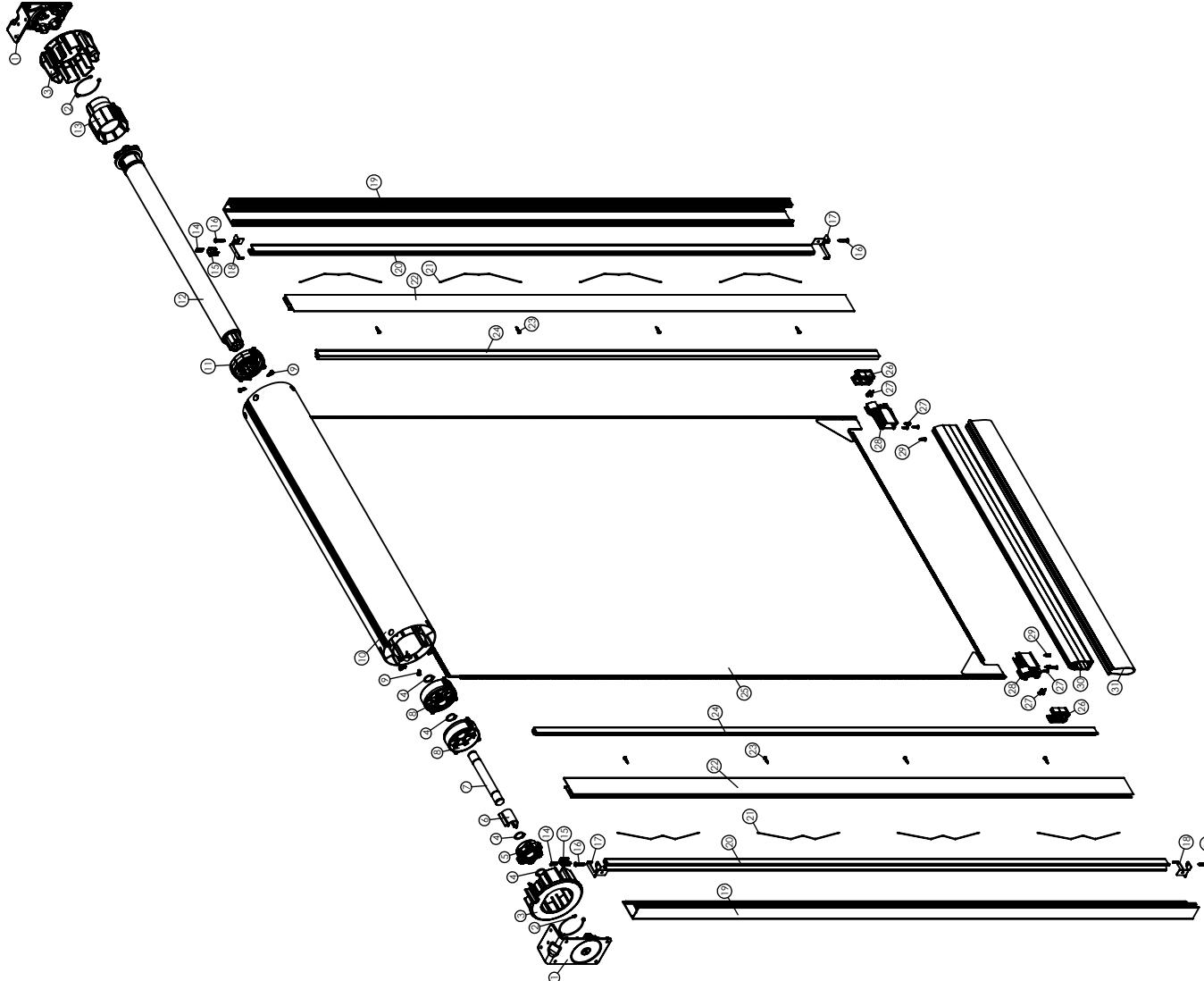
REV

2

SCALE: 1:12

WEIGHT:

SHEET 2 OF 14



SCALE 1:15

2

1

B

B

A

A

2

1

DOCUMENT NO. XXXXX-XX-XXX

Motorized Retractable Screen

5" Recessed Roller with Sure Fit Track

BOM Table

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THREE PLACE DECIMAL $\pm .005$ "

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UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC
TOLERANCING PER: ASME Y14.5
THIRD ANGLE PROJECTION

MATERIAL
ASSY

DRAWN
SA
2025-12-15

CHECKED
PP
2025-12-15

ENG APPR.
PP
2025-12-15

TITLE: Mz2.0, 5" Recessed Roller, Sure Fit Track

SIZE
A

DWG. NO.
EPN450

REV
2

SCALE: 1:12

WEIGHT:

SHEET 3 OF 14

NO.	DESCRIPTION	QTY
1	48201 M12 2.0 Recessed Bracket, 5in	2
2	46009 M2 Retaining Clip	2
3	46611 M2 Leveling Ring 5"	2
4	EPN214 External Retaining Ring	4
5	EPN3 M22.0 Pivot Head .75	1
6	EPN211 M2 Pivot Spacer	1
7	EPN7 M22.0 Pivot Shaft	1
8	EPN2 M22.0 Pivot Bearing	2
9	71021 #8-0.5" Hex Head Drilling Screw	8
10	46006 M22.0 Roller Bar 5"	1
11	EPN4 M22.0 Motor Drive Ring	1
12	67235 Somfy Motor, 525A2 Maestria RTS	1
13	EPN5 M22.0 Motor Encoder Ring	1
14	EPN314 #1-5/8" Rounded Head Screw	4
15	68155 Sure Fit Entry Guide	2
16	71039 # 10-1" Rounded Head Screw (Unfinished)	4
17	46834 Sure Fit Lift Stop Left	2
18	46898 Sure Fit Lift Stop Right	2
19	46909 Sure Fit U-Channel	2
20	46844 Sure Fit Inner Track	2
21	46045 Sure Fit Spring	-
22	47014 Sure Fit U-Channel Side	2
23	EPN312 #6-5/8" Rounded Head Screw	-
24	47024 Sure Fit Cover	2
25	EPN437 Sure Fit Mesh	1
26	EPN161 Sidebar Endcap Cover	2
27	71027 #6-1/2" Rounded Head Screw	8
28	EPN160 Sidebar Endcap Main	2
29	71135 #6-5/8" Flat Head Screw	4
30	EPN199 Sidebar-w-Stopper	1
31	Brush pile or bottom gasket (available in various sizes)	1

2

1

DOCUMENT NO. XXXXX-XX-XXX

B

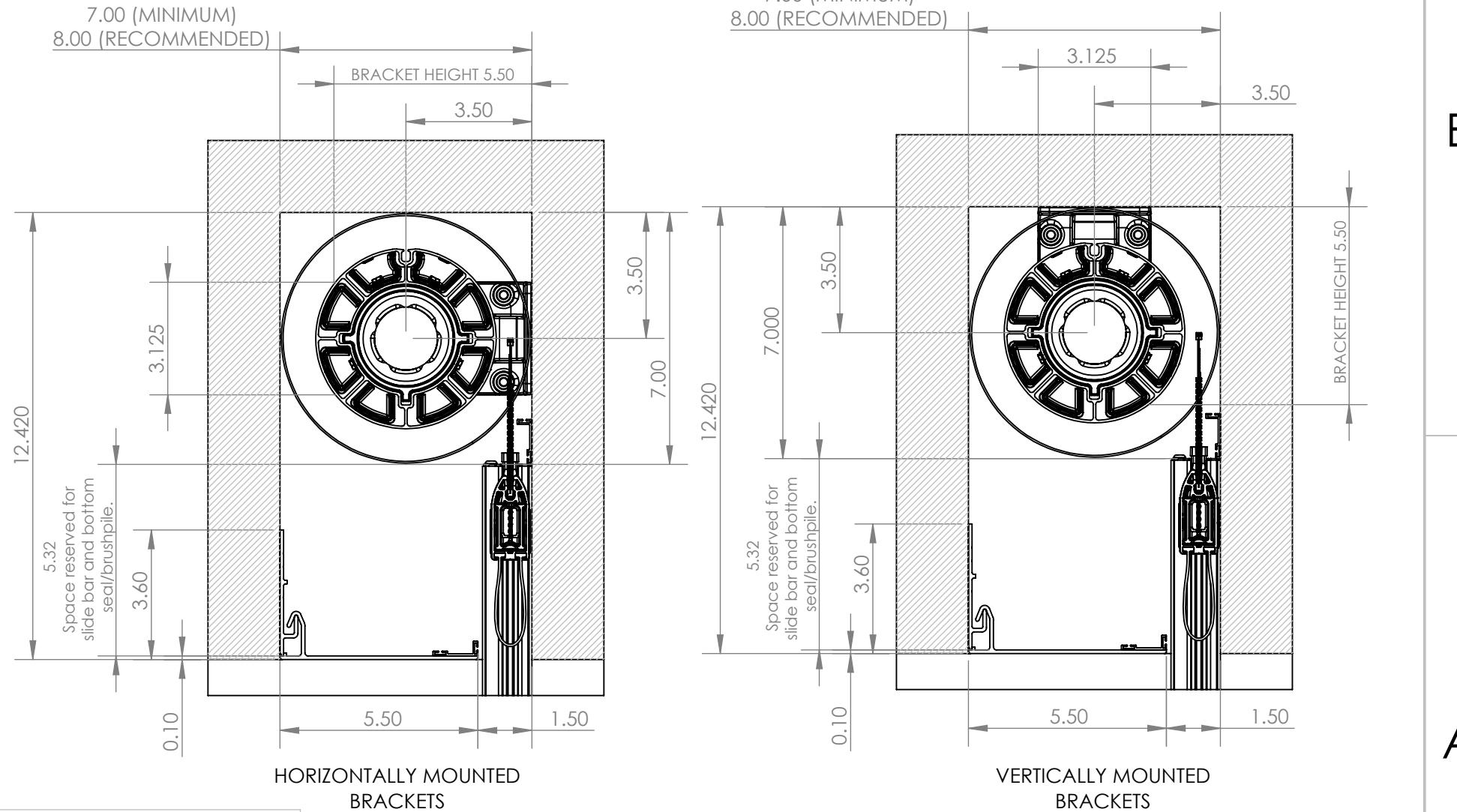
B

A

A

Motorized Retractable Screen

5" Recessed Roller with Cavity Cover



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ANGULAR \pm 2
TWO PLACE DECIMAL \pm .013"
THREE PLACE DECIMAL \pm .005"

STANDARD TOLERANCES APPLY
UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14. THIRD ANGLE PROJECTION

MATERIAL

ASSY

SA 2025-12-15 TITLE: Mz2.0, 5" Recessed Roller, Sure Fit Track

15	SIZE	DWG. NO.
15	A	EPN450

SCALE 1:12

REV
2

SHEET 4 OF 14

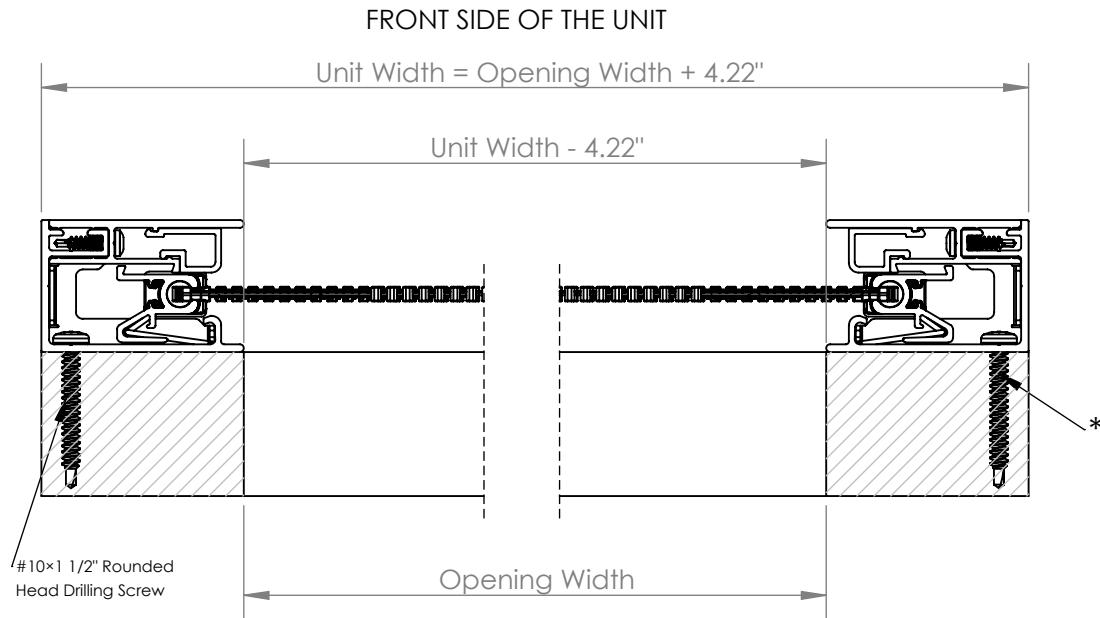
Motorized Retractable Screen

5" Recessed Roller with Sure Fit Track

Track Surface-Positioned

Tracks Side Mounted (*)

B



FRONT SIDE OF THE UNIT

Space reserved for slide bar and bottom seal/brushpile on top, clear of the opening for maximum view.

Opening Height

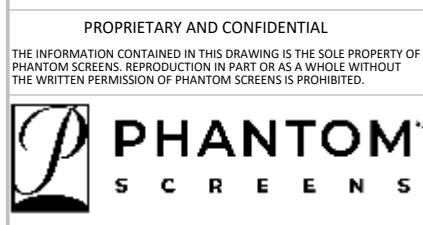
Pull = Opening Height + 12.320"

Note:

- Screen unit height can be reduced by cutting the tracks on site.
- Screen unit width is fixed and must be accurate when ordering.

B

A



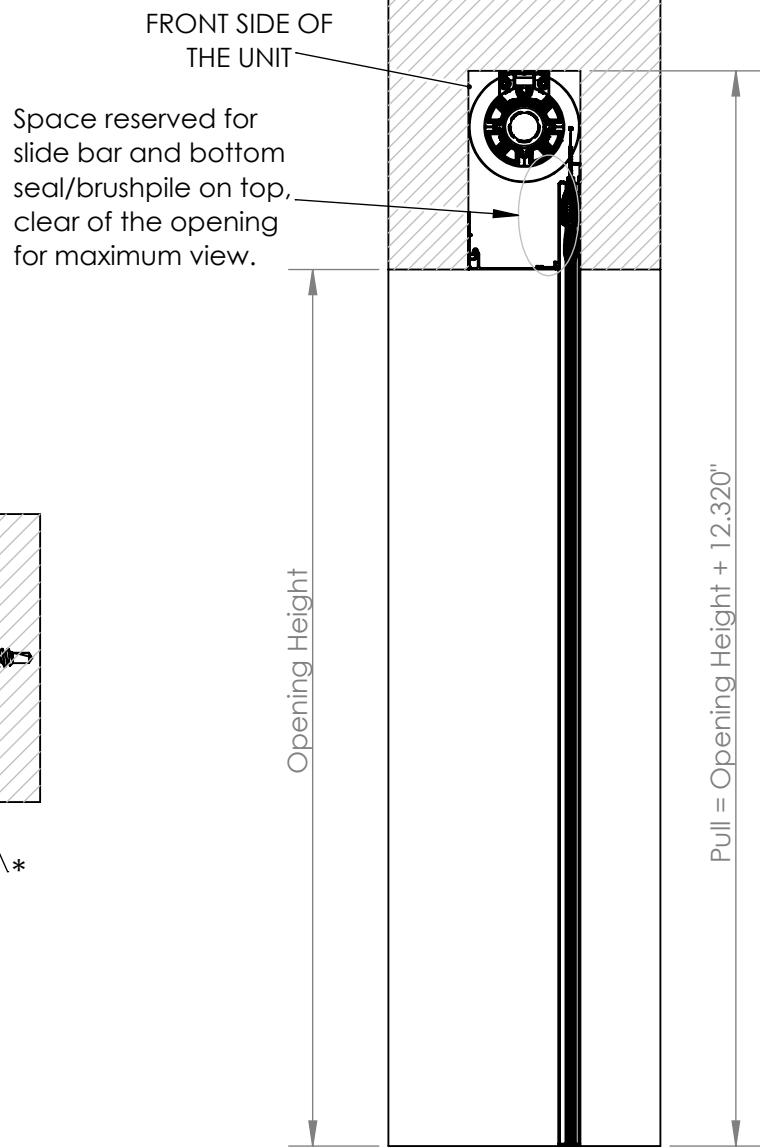
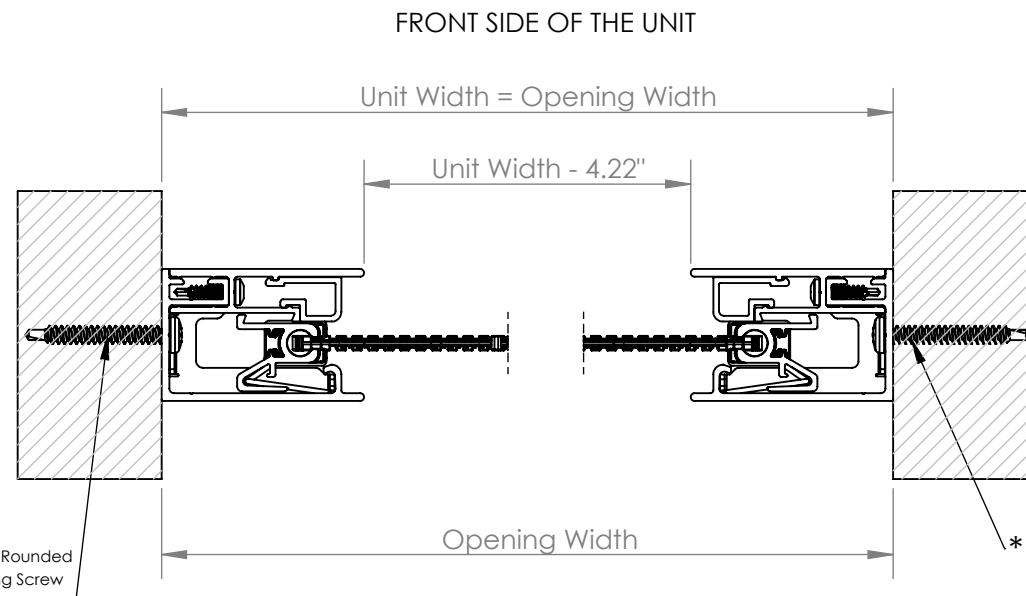
UNLESS OTHERWISE SPECIFIED:				STANDARD TOLERANCES APPLY UNLESS OTHERWISE SPECIFIED			TITLE: Mz2.0, 5" Recessed Roller, Sure Fit Track		
DIMENSIONS ARE IN INCHES. TOLERANCES: FRACTIONAL $\pm 1/32$ ANGULAR ± 2 TWO PLACE DECIMAL $\pm .013$ THREE PLACE DECIMAL $\pm .005$		INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5 THIRD ANGLE PROJECTION		DRAWN	SA	2025-12-15	SIZE A	DWG. NO. EPN450	REV 2
MATERIAL		ENG APPR.		PP	PP	2025-12-15			
ASSY		MFG APPR.		Q.A.					
SCALE: 1:12				WEIGHT:		SHEET 5 OF 14			

Motorized Retractable Screen

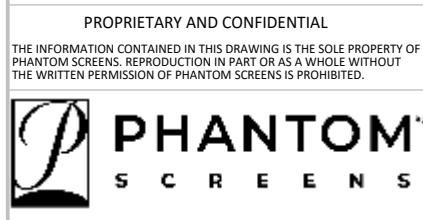
5" Recessed Roller with Sure Fit Track

Track In-Jamb Positioned

Tracks Back Mounted (*)


Note:

- Screen unit height can be reduced by cutting the tracks on site.
- Screen unit width is fixed and must be accurate when ordering.



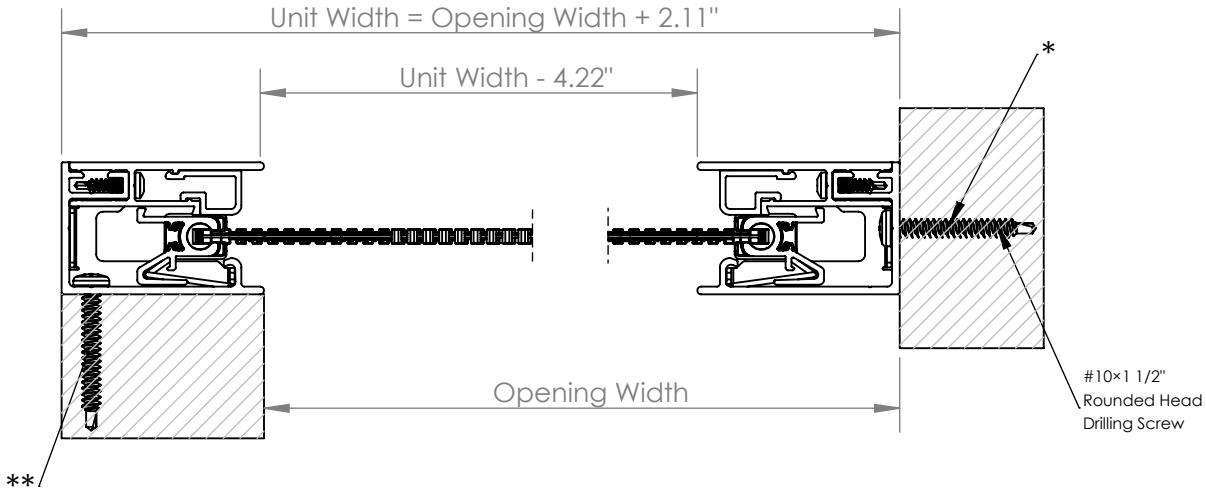
UNLESS OTHERWISE SPECIFIED:			STANDARD TOLERANCES APPLY UNLESS OTHERWISE SPECIFIED			TITLE: Mz2.0, 5" Recessed Roller, Sure Fit Track			SIZE A	DWG. NO. EPN450	REV 2
DIMENSIONS ARE IN INCHES. TOLERANCES: FRACTIONAL $\pm 1/32$ ANGULAR ± 2 TWO PLACE DECIMAL $\pm .013$ THREE PLACE DECIMAL $\pm .005$			INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5 THIRD ANGLE PROJECTION			DRAWN	SA	2025-12-15			
			CHECKED	PP	2025-12-15						
			ENG APPR.	PP	2025-12-15						
MATERIAL ASSY			MFG APPR.			Q.A.	SCALE: 1:12	WEIGHT:	SHEET 6 OF 14	DOCUMENT NO. XXXXX-XX-XXX	1

Motorized Retractable Screen

5" Recessed Roller with Sure Fit Track
Tracks In-Jamb and Surface Positioned
Tracks Back (*) and Side (**) Mounted

B

FRONT SIDE OF THE UNIT



FRONT SIDE OF THE UNIT

Space reserved for slide bar and bottom seal/brushpile on top, clear of the opening for maximum view.

Opening Height

Pull = Opening Height + 12.320"

B

A

Note:

- Screen unit height can be reduced by cutting the tracks on site.
- Screen unit width is fixed and must be accurate when ordering.



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FRACTIONAL $\pm 1/32$
ANGULAR ± 2
TWO PLACE DECIMAL $\pm .013$
THREE PLACE DECIMAL $\pm .005$

STANDARD TOLERANCES APPLY
UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC
TOLERANCING PER: ASME Y14.5
THIRD ANGLE PROJECTION

MATERIAL
ASSY

DRAWN

SA

2025-12-15

TITLE: Mz2.0, 5" Recessed Roller, Sure Fit Track

CHECKED

PP

2025-12-15

ENG APPR.

PP

2025-12-15

MFG APPR.

Q.A.

Q.A.

SIZE

A

DWG. NO.

EPN450

REV

2

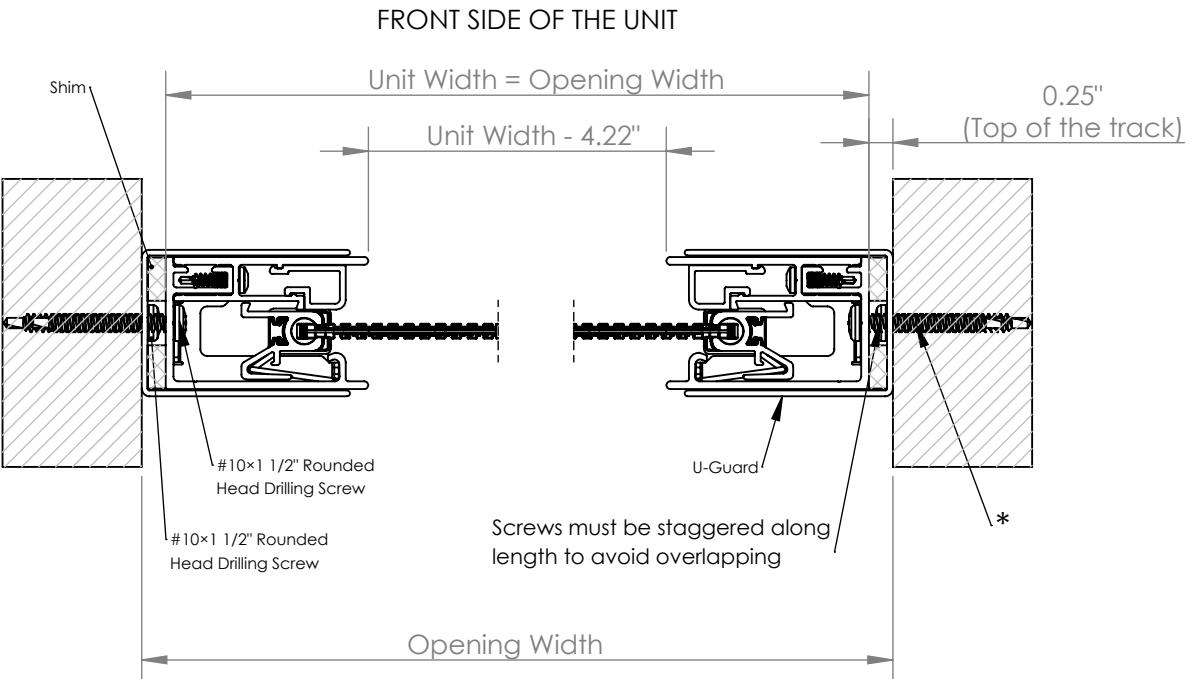
SCALE: 1:12

WEIGHT:

SHEET 7 OF 14

Motorized Retractable Screen
5" Recessed Roller with Sure Fit Track
U-Guard Used for Adjustment on Unparallel Posts
Tracks In-Jamb Positioned
Tracks Back Mounted (*)

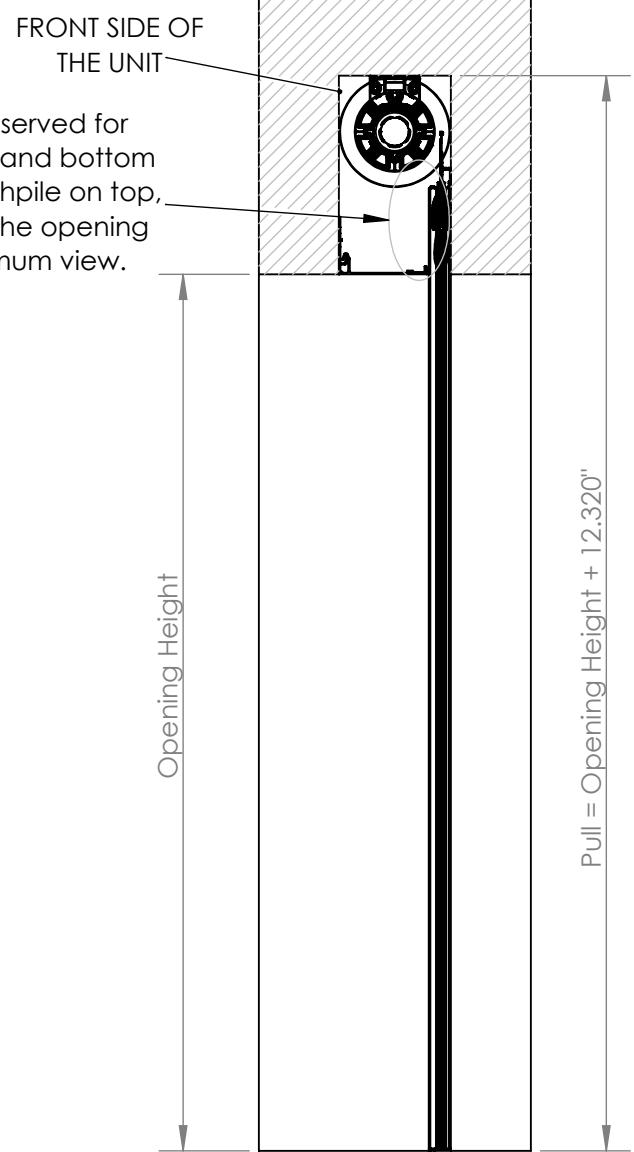
B



A

Note:

- Screen unit height can be reduced by cutting the tracks on site.
- Screen unit width is fixed and must be accurate when ordering.



B

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 ANGULAR ± 2
 TWO PLACE DECIMAL $\pm .013$
 THREE PLACE DECIMAL $\pm .005$

STANDARD TOLERANCES APPLY
 UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC
 TOLERANCING PER: ASME Y14.5
 THIRD ANGLE PROJECTION

MATERIAL
 ASSY

DRAWN

SA

2025-12-15

TITLE: Mz2.0, 5" Recessed Roller, Sure Fit Track

CHECKED

PP

2025-12-15

SIZE

A

DWG. NO.

EPN450

REV

2

ENG APPR.

PP

2025-12-15

MFG APPR.

Q.A.

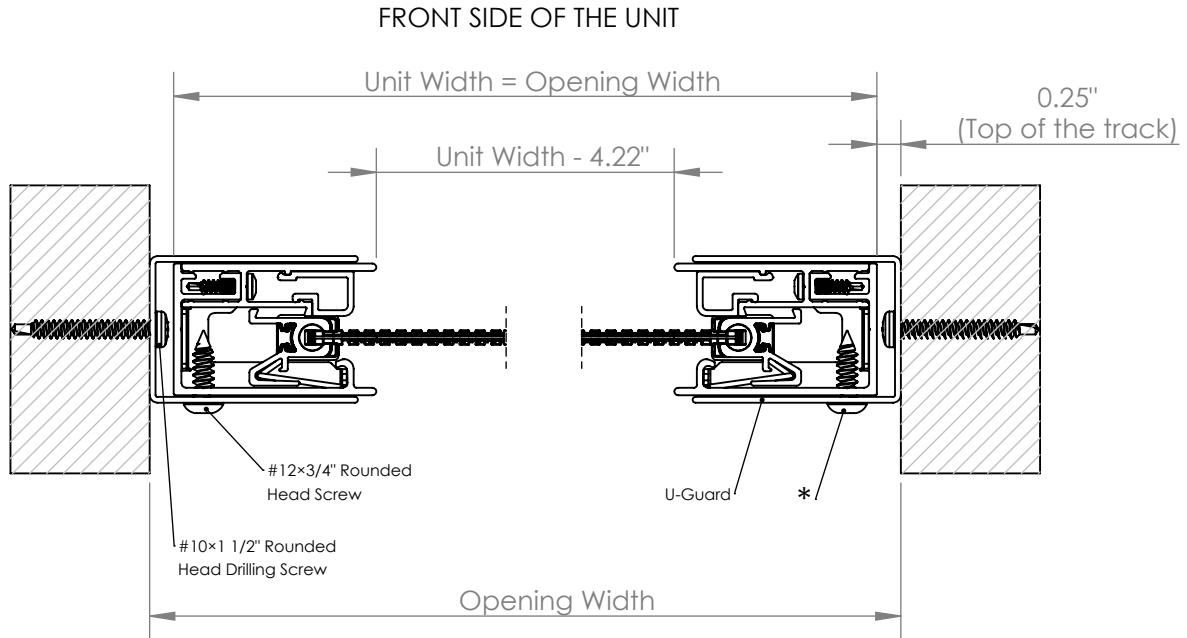
SCALE: 1:12

WEIGHT:

SHEET 8 OF 14

Motorized Retractable Screen
5" Recessed Roller with Sure Fit Track
U-Guard Used for Adjustment on Unparallel Posts
Tracks In-Jamb Positioned
Tracks Side Mounted (*)

B



FRONT SIDE OF
THE UNIT

Space reserved for
slide bar and bottom
seal/brushpile on top,
clear of the opening
for maximum view.

Opening Height

Pull = Opening Height + 12.320"

B

A

Note:

- Screen unit height can be reduced by cutting the tracks on site.
- Screen unit width is fixed and must be accurate when ordering.



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 TWO PLACE DECIMAL $\pm .013$
 THREE PLACE DECIMAL $\pm .005$

STANDARD TOLERANCES APPLY
UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC
TOLERANCING PER: ASME Y14.5
THIRD ANGLE PROJECTION

MATERIAL
ASSY

DRAWN

SA

2025-12-15

TITLE: Mz2.0, 5" Recessed Roller, Sure Fit Track

SIZE

A

DWG. NO.

EPN450

REV

2

SCALE: 1:12

WEIGHT:

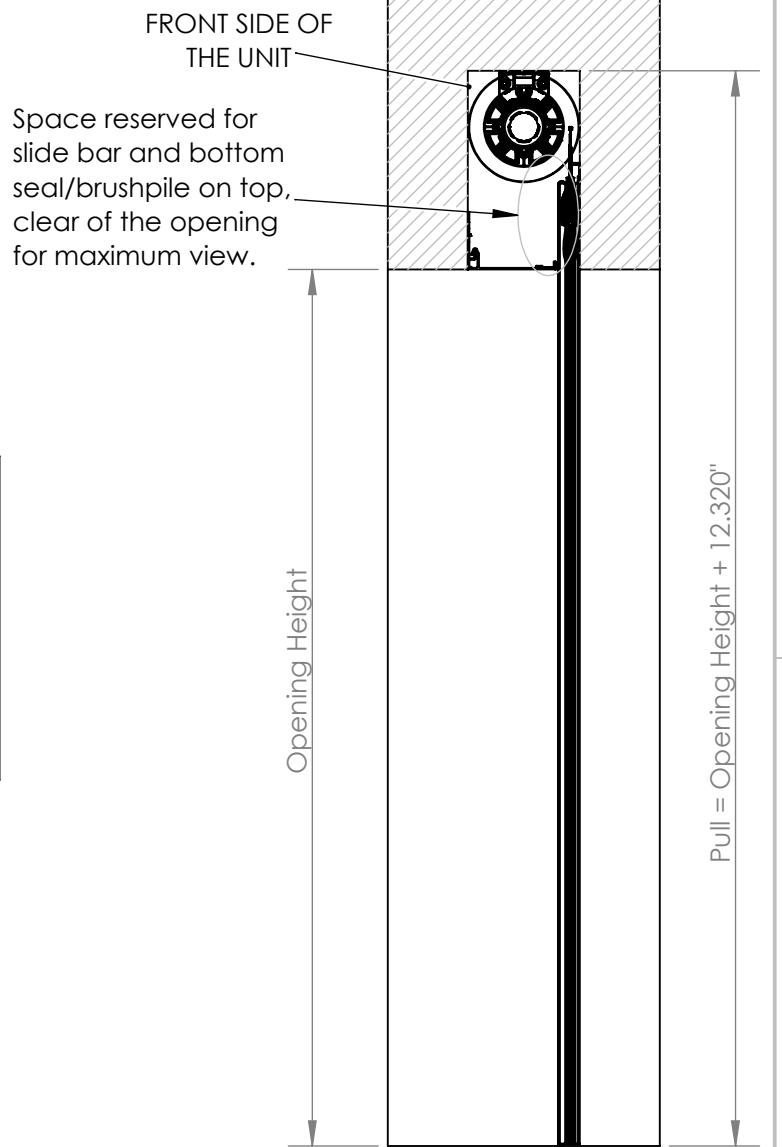
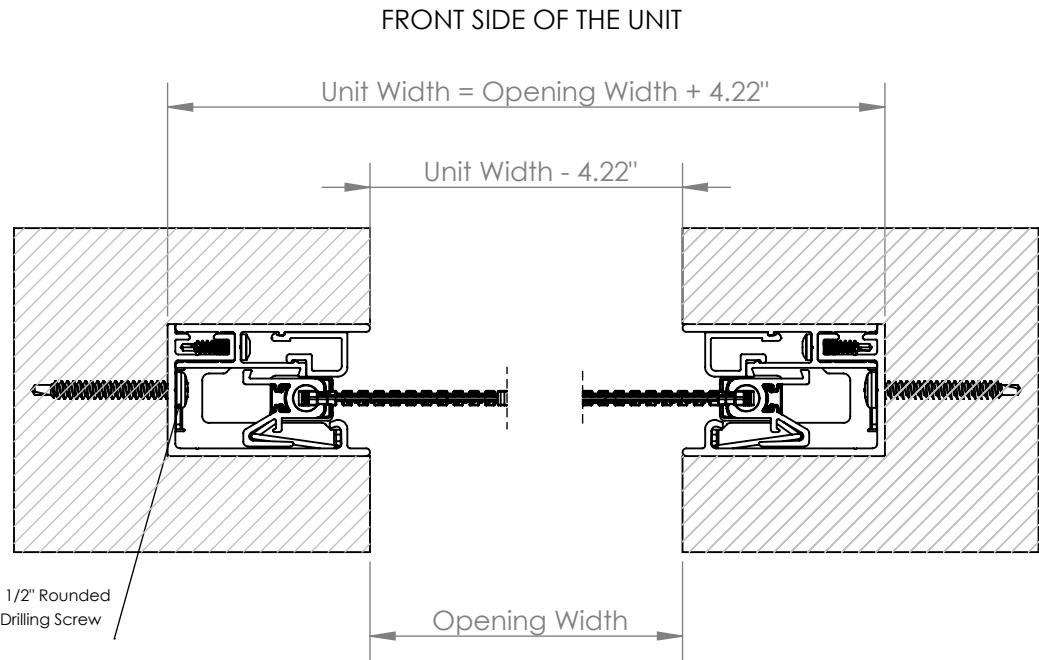
SHEET 9 OF 14

Motorized Retractable Screen

5" Recessed Roller with Sure Fit Track

Tracks Recessed-Mounted

B



A

Note:

- Screen unit height can be reduced by cutting the tracks on site.
- Screen unit width is fixed and must be accurate when ordering.

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INTERPRET GEOMETRIC
TOLERANCING PER: ASME Y14.5
THIRD ANGLE PROJECTION

MATERIAL
ASSY

DRAWN

SA

2025-12-15

TITLE: Mz2.0, 5" Recessed Roller, Sure Fit Track

CHECKED

PP

2025-12-15

ENG APPR.

PP

2025-12-15

MFG APPR.

Q.A.

SIZE

A

DWG. NO.

EPN450

REV

2

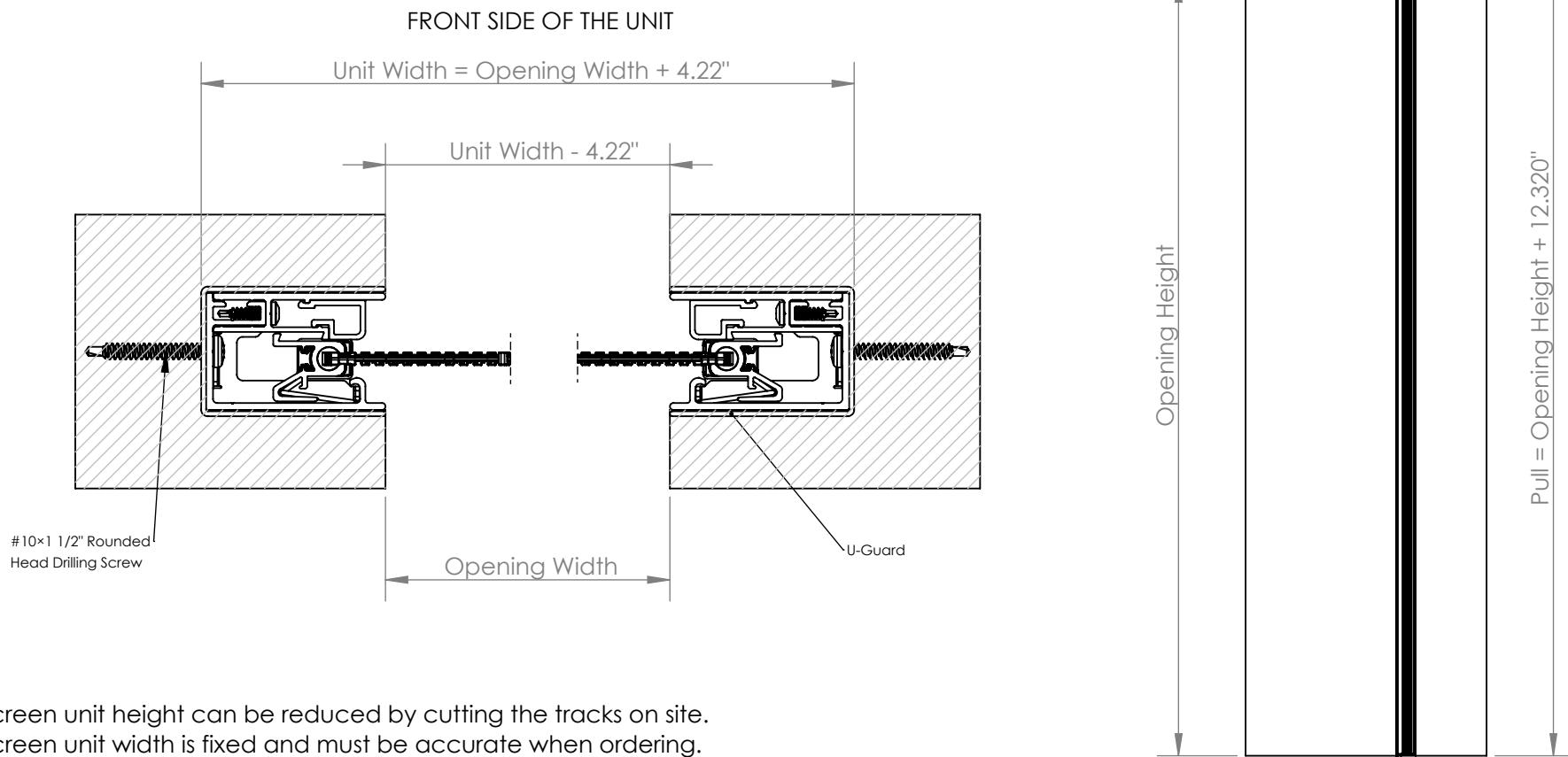
Motorized Retractable Screen

5" Recessed Roller with Sure Fit Track

Stucco Build-Up Post with U-Guard

(Build-Up Procedure on Page 12)

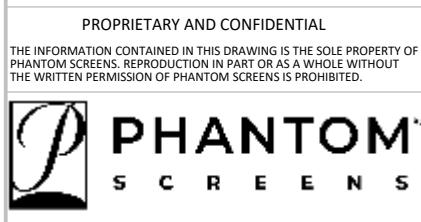
Tracks Recessed-Mounted



A

Note:

- Screen unit height can be reduced by cutting the tracks on site.
- Screen unit width is fixed and must be accurate when ordering.



UNLESS OTHERWISE SPECIFIED:			STANDARD TOLERANCES APPLY UNLESS OTHERWISE SPECIFIED			TITLE: Mz2.0, 5" Recessed Roller, Sure Fit Track					
DIMENSIONS ARE IN INCHES. TOLERANCES: FRACTIONAL $\pm 1/32$ ANGULAR ± 2 TWO PLACE DECIMAL $\pm .013$ THREE PLACE DECIMAL $\pm .005$			INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5 THIRD ANGLE PROJECTION			DRAWN	SA	2025-12-15	SIZE A	DWG. NO. EPN450	REV 2
			CHECKED	PP	2025-12-15						
			ENG APPR.	PP	2025-12-15						
MATERIAL ASSY			MFG APPR.								
			Q.A.			SCALE: 1:12	WEIGHT:				
SHEET 11 OF 14											

Motorized Retractable Screen

5" Recessed Roller with Sure Fit Track

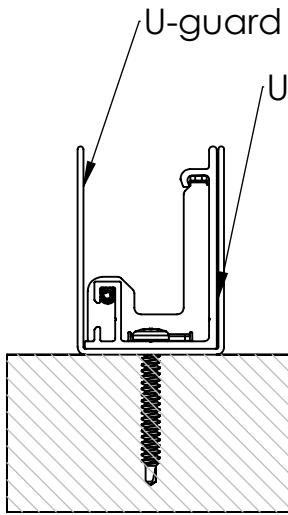
Stucco Build-Up Post with U-Guard

Tracks Recessed-Mounted

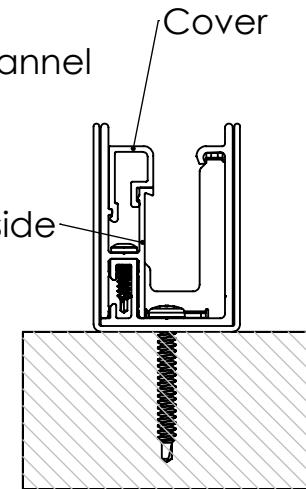
B

Track Installation Procedure with Stucco Build-up Posts

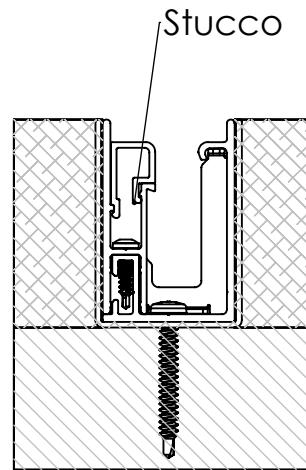
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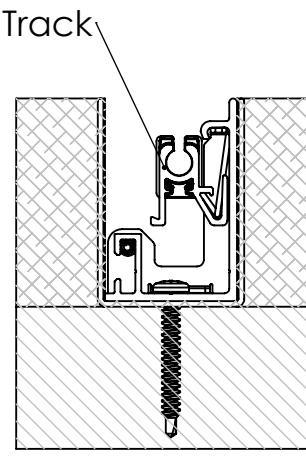
(A)
Mount U-channel
and U-guard



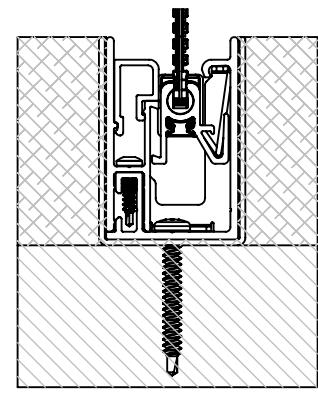
(B)
Install side and
cover



(C)
Build up the post



(D)
Remove U-channel
side and cover and
insert the track



(E)
Reinstall U-channel
side and cover

A

A

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ANGULAR ± 2
TWO PLACE DECIMAL $\pm .013$ "
THREE PLACE DECIMAL $\pm .005$ "

STANDARD TOLERANCES APPLY
UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC
TOLERANCING PER: ASME Y14.5
THIRD ANGLE PROJECTION

MATERIAL
ASSY

DRAWN

SA

2025-12-15

TITLE: Mz2.0, 5" Recessed Roller, Sure Fit Track

ENG APPR.

PP

2025-12-15

SIZE

A

DWG. NO.

EPN450

REV

2

SCALE: 1:12

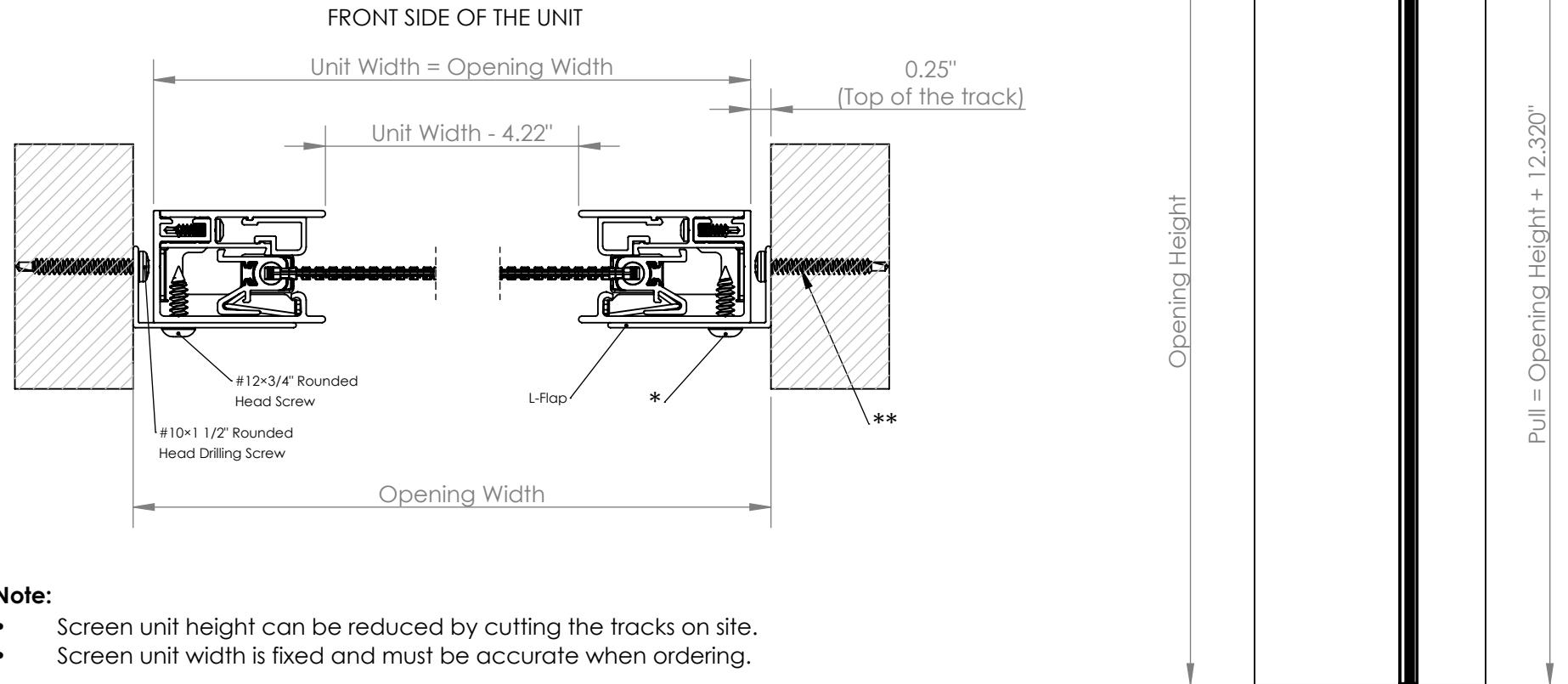
WEIGHT:

SHEET 12 OF 14

Motorized Retractable Screen
5" Recessed Roller with Sure Fit Track
L-Flap Used for Adjustment on Unparallel Posts
Tracks In-Jamb Positioned
Tracks Side Mounted (*)
L-Flap Mounted behind the Track ()**

B

B

**Note:**

- Screen unit height can be reduced by cutting the tracks on site.
- Screen unit width is fixed and must be accurate when ordering.

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UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC
 TOLERANCING PER: ASME Y14.5
 THIRD ANGLE PROJECTION

MATERIAL
ASSY

DRAWN

SA

2025-12-15

TITLE: Mz2.0, 5" Recessed Roller, Sure Fit Track

CHECKED

PP

2025-12-15

SIZE

DWG. NO.

EPN450

REV

2

ENG APPR.

PP

2025-12-15

MFG APPR.

Q.A.

SCALE: 1:12

WEIGHT:

SHEET 13 OF 14

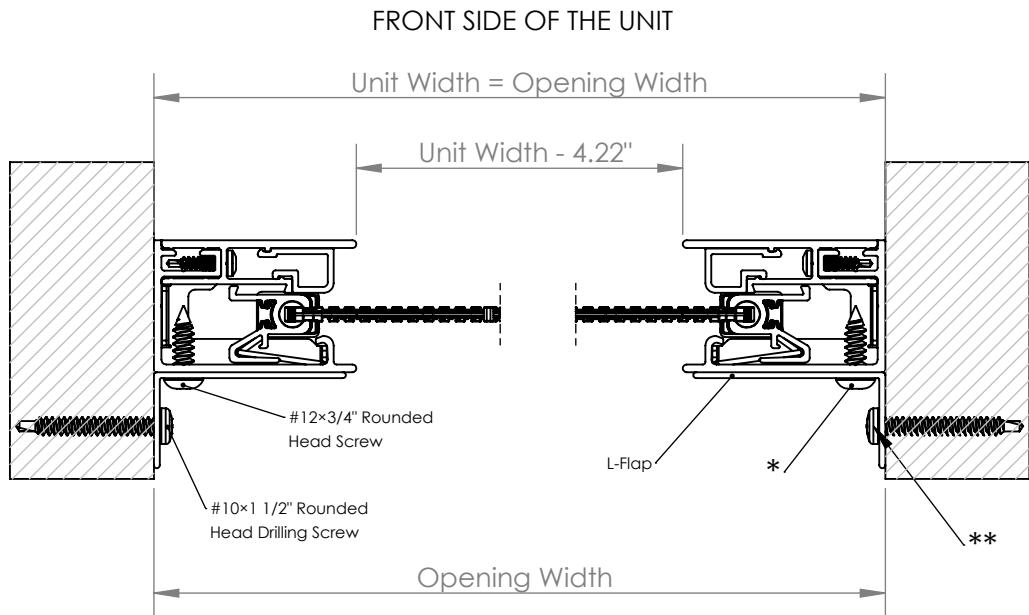
Motorized Retractable Screen
5" Recessed Roller with Sure Fit Track
L-Flap Used for Adjustment on Unparallel Posts
Tracks In-Jamb Positioned
Tracks Side Mounted (*)
L-Flap Mounted on the Side of the Track ()**

B

FRONT SIDE OF
THE UNIT

Space reserved for
slide bar and bottom
seal/brushpile on top,
clear of the opening
for maximum view.

B



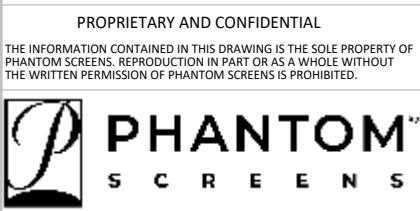
Opening Height

Pull = Opening Height + 12.320"

A

Note:

- Screen unit height can be reduced by cutting the tracks on site.
- Screen unit width is fixed and must be accurate when ordering.



UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES.
 TOLERANCES:
 FRACTIONAL $\pm 1/32$
 ANGULAR ± 2
 TWO PLACE DECIMAL $\pm .013$
 THREE PLACE DECIMAL $\pm .005$

STANDARD TOLERANCES APPLY
UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC
TOLERANCING PER: ASME Y14.5
THIRD ANGLE PROJECTION

MATERIAL
ASSY

DRAWN

SA

2025-12-15

TITLE: Mz2.0, 5" Recessed Roller, Sure Fit Track

SIZE

A

DWG. NO.

EPN450

REV

2

SCALE: 1:12

WEIGHT:

SHEET 14 OF 14