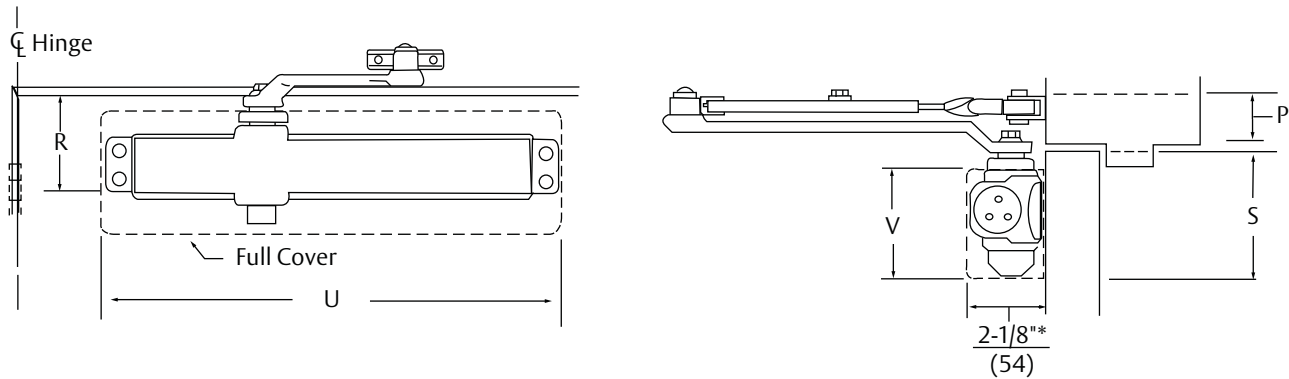


8000 SERIES ARCHITECTURAL DOOR CLOSER

REGULAR ARM



Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

* Projection is for Slim Line or Full Covers. Projection for Metal Covers = 2-3/16" (56mm). Projection for Architectural Plastic & Architectural Metal Covers = 2-1/4" (57mm).

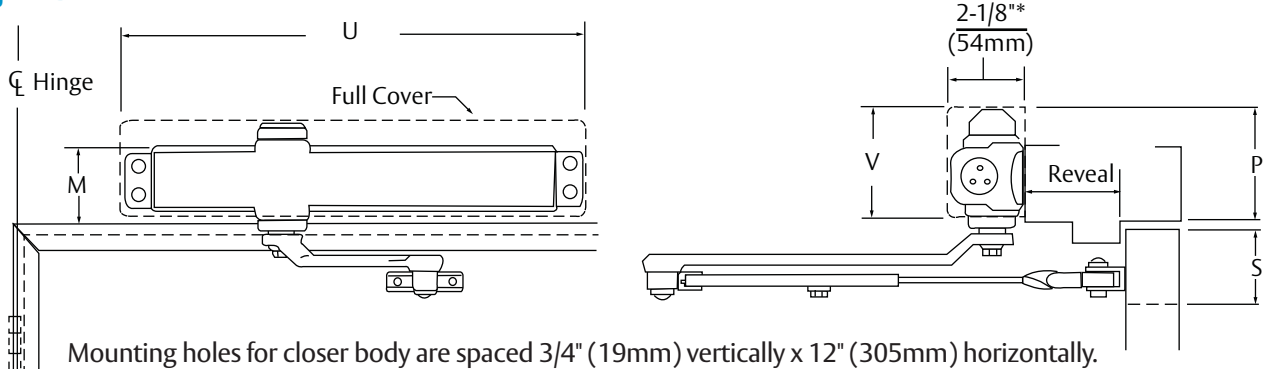
Closer Series	Covers	P Minimum Ceiling Clearance			R Minimum Top Rail				S Minimum Top Rail Clearance		U Closer Length	V Closer Height
					W/O Drop Plate		W/8146 Drop Plate					
		NHO	Low Profile	HO	NHO	Low Profile	NHO	Low Profile	NHO	Low Profile		
8101	No Cover	1-1/2" (38)	1" (25)	1-5/8" (41)	2-1/2" (64)	2-3/8" (60)	1-5/8" (41)	1-1/2" (38)			12-3/4" (324)	2-7/8" (73)
8301	Slim Line Plastic								3-1/2" (89)	3-3/8" (86)	13" (330)	
8501	Full Plastic											
8501M	Metal								4-1/4" (108)	4-1/8" (105)	13-5/8" (346)	3-3/4" (95)
8501A	Arch. Plastic								3-5/8" (92)	3-1/2" (89)	14" (356)	3-1/8" (79)
8501MA	Arch. Metal								3-1/2" (89)	3-3/8" (86)		3" (76)

Model Numbers	
Non-Hold Open	Hold Open
8301 8501	8301H 8501H

Notes:

- » Door closers are set at midpower range from the factory
- » Measurements are inches/mm unless noted
- » Standard door widths: 30"-48" (76-122cm)
- » Contact factory if door weight exceeds 250 lbs.

TOP JAMB ARM



Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

* Projection is for Slim Line or Full Covers. Projection for Metal Covers = 2-3/16" (56mm). Projection for Architectural Plastic & Architectural Metal Covers = 2-1/4" (57mm).

Closer Series	Covers	M Minimum Frame Face			P Minimum Ceiling Clearance			S Minimum Top Rail Clearance 5/8" (16mm) Frame Stop									U Closer Length	V Closer Height		
		W/O Drop Plate	With 8146 Drop Plate	With 8148, 8158, 8547, 8547A Drop Plate	W/O Drop Plate	With 8146 Drop Plate	With 8148, 8158, 8547, 8547A Drop Plate	W/O Drop Plate			W/8146 Drop Plate			With 8148/8547 Drop Plate						
								NHO	Low Profile	HO	NHO	Low Profile	HO	NHO	Low Profile	HO				
8101	No Cover	1-3/4" (40)	1-1/8" (29)	1-1/2" (38)	2-3/4" (70)	1-5/8" (41)	1-1/2" (38)	2-1/4" (57)	N/A	2-1/2" (64)	3-3/8" (86)	2-3/4" (70)	3-5/8" (92)	4-3/8" (111)	3-3/4" (95)	4-5/8" (117)	12-3/4" (324)	2-7/8" (73)		
8301	Slim Line Plastic																			13" (330)
8501	Full Plastic																			
8501M	Metal		N/A	1-5/8" (41)	3-3/4" (95)		1-5/8" (41)										13-5/8" (346)	3-3/4" (95)		
8501A	Arch. Plastic			1-1/2" (38)	3" (76)	N/A	1-1/2" (38)										14" (356)	3-1/8" (79)		
8501MA	Arch. Metal				2-7/8" (73)													3" (76)		

Reveal Information

Model Number	Reveal Range Inches (mm)	Maximum Door Opening	
		NHO	HO
J8301, J8501	2-3/4" (70) to 4-1/4" (108)	180°	
J8301, J8501	4-1/4" (108) to 7" (178)	150°	
J8301H, J8501H	2-1/8" (54) to 4-1/4" (108)		180°
J8301H, J8501H	4-1/4" (108) to 6-3/4" (171)		150°

Reveal Information (regular arm installed top jamb)

Model Number	Reveal Range Inches (mm)	Maximum Door Opening	
		NHO	HO
8301, 8501	0 to 2-7/8" (73)	180°	—
8301, 8501 w/Drop Plate ^{^^}	0 to 2-3/4" (70)	180°	
8301H, 8501H	0 to 2-3/4" (70)		180°

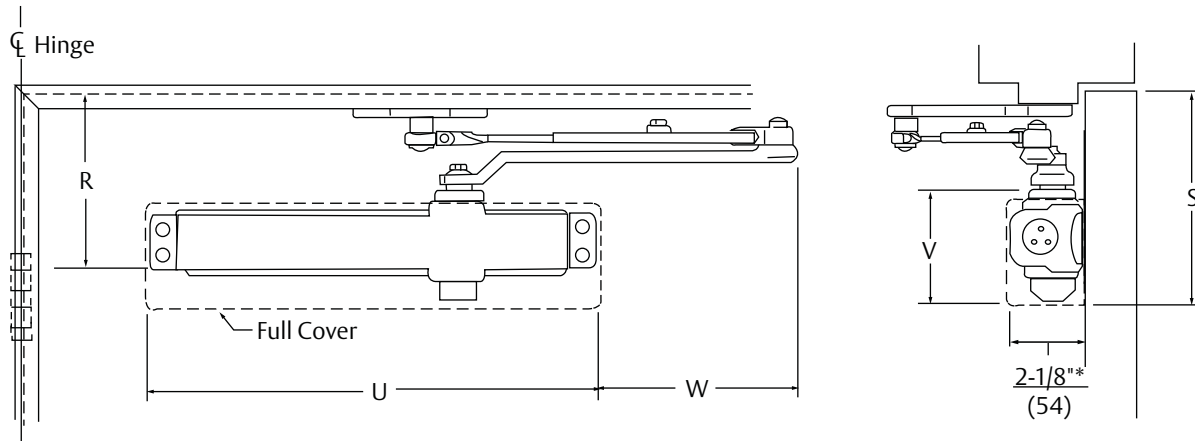
^{^^} Drop plate 8146, 8148, 8158, 8547 or 8547A

Notes:

- » Door closers are set at midpower range from the factory
- » Measurements are inches/mm unless noted
- » Standard door widths: 30"-48" (76-122cm)
- » Contact factory if door weight exceeds 250 lbs.
- » Reveal range information is based upon 1-3/4" (44) doors hung on 4-1/2" wide hinges

8000 SERIES ARCHITECTURAL DOOR CLOSER

PARALLEL ARM



Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

* Projection is for Slim Line or Full Covers. Projection for Metal Covers = 2-3/16" (56mm). Projection for Architectural Plastic & Architectural Metal Covers = 2-1/4" (57mm).

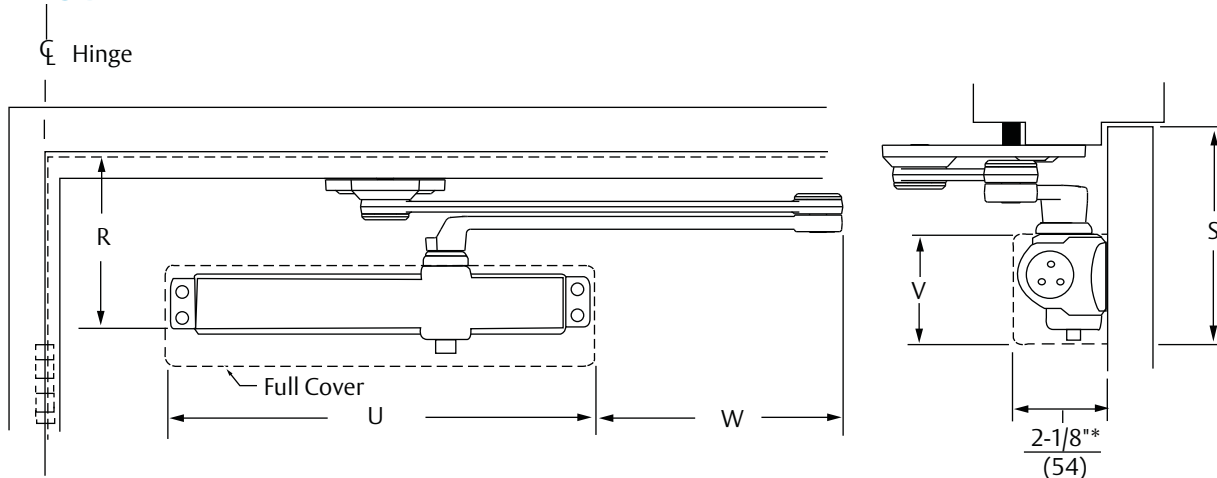
Closer Series	Covers	R Minimum Top Rail Minimum Top Rail 5/8" (16mm) Frame Stop						S Minimum Top Rail Clearance			U Closer Length	V Closer Height	W Arm Extension
		W/O Drop Plate			With 8148, 8158, 8548, 8548A Drop Plate								
		NHO	Low Profile	HO	NHO	Low Profile	HO	NHO	Low Profile	HO			
8101	No Cover	5-1/4" (133)	4-5/8" (117)	5-1/4" (133)	3" (76)	2-3/8" (60)	3" (76)				12-3/4" (324)	2-7/8" (73)	8-1/8" (206)
8301	Slim Line Plastic							6-1/4" (159)	5-5/8" (143)	6-1/4" (159)	13" (330)		8" (203)
8501	Full Plastic												
8501M	Metal							6-7/8" (175)	6-1/4" (159)	6-7/8" (175)	13-5/8" (346)	3-3/4" (95)	7-5/8" (194)
8501A	Arch. Plastic							6" (152)	5-3/8" (137)	6" (152)	14" (356)	3-1/8" (79)	
8501MA	Arch. Metal							5-7/8" (149)	5-1/4" (133)	5-7/8" (149)		3" (76)	

Model Numbers	
Non-Hold Open	Hold Open
8301 8501	8301H 8501H

Notes:

- » Door closers are set at midpower range from the factory
- » Measurements are inches/mm unless noted
- » Standard door widths: 30"-48" (76-122cm)
- » Contact factory if door weight exceeds 250 lbs.

PARALLEL RIGID ARM



Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

* Projection is for Slim Line or Full Covers. Projection for Metal Covers = 2-3/16" (56mm). Projection for Architectural Plastic & Architectural Metal Covers = 2-1/4" (57mm).

Closer Series	Covers	R Minimum Top Rail		S Minimum Top Rail Clearance	U Closer Length	V Closer Height	W Arm Extension				
		W/O Drop Plate	With Drop Plate								
8101	No Cover	4-5/8" (117)	2-3/8" (60)	5-7/8" (149)	12-3/4" (324)	2-7/8" (73)	8" (203)				
8301	Slim Line Plastic				13" (330)						
8501	Full Plastic			6-1/2" (165)	13-5/8" (346)	3-7/8" (98)	7-5/8" (194)				
8501M	Metal										
8501A	Arch. Plastic							6" (152)	14" (356)	3-1/8" (79)	7-1/2" (191)
8501MA	Arch. Metal							5-7/8" (149)		3" (76)	

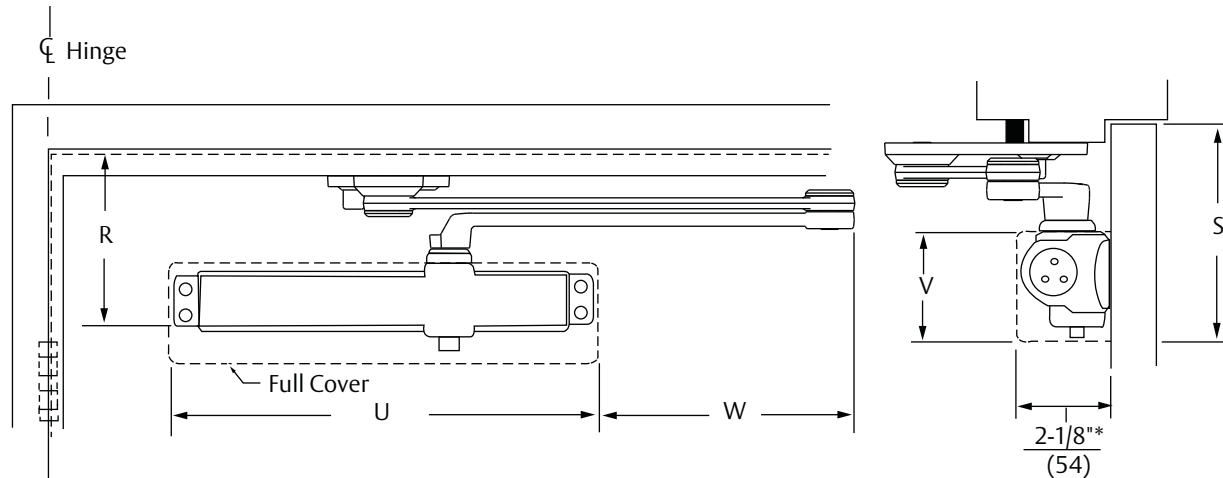
Model Number	
Stop Only	Hold Open
PR8301	PR8301H
PR8501	PR8501H

Notes:

- » Door closers are set at midpower range from the factory
- » Measurements are inches/mm unless noted
- » Standard door widths: 28"-48" (71-122cm)
- » Contact factory if door weight exceeds 250 lbs.

8000 SERIES ARCHITECTURAL DOOR CLOSER

CLOSERPLUS® ARM



Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

* Projection is for Slim Line or Full Covers. Projection for Metal Covers = 2-3/16" (56mm). Projection for Architectural Plastic & Architectural Metal Covers = 2-1/4" (57mm).

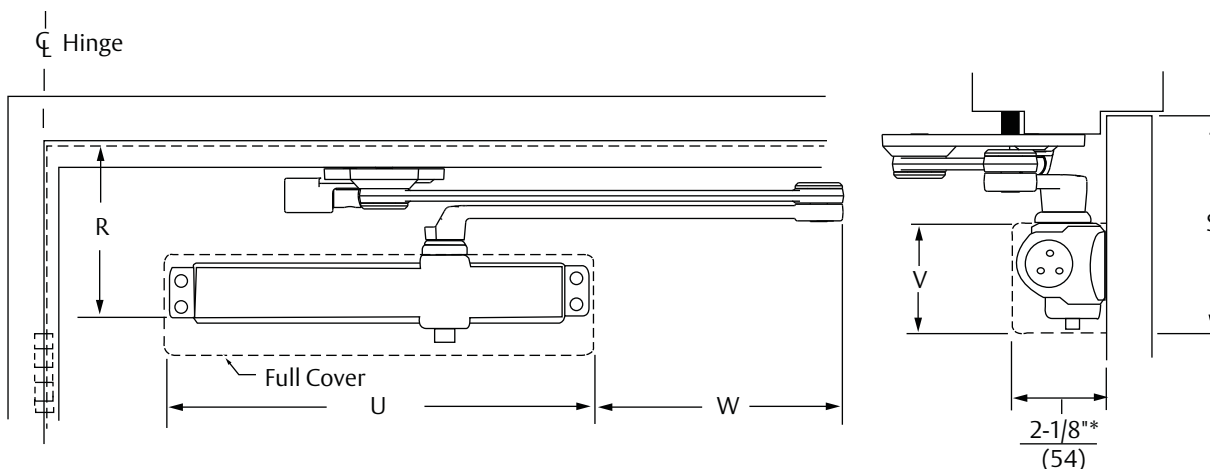
Closer Series	Covers	R Minimum Top Rail		S Minimum Top Rail Clearance	U Closer Length	V Closer Height	W Arm Extension
		W/O Drop Plate	With Drop Plate				
8101	No Cover	4-5/8" (117)	2-3/8" (60)	5-7/8" (149)	12-3/4" (324)	2-7/8" (73)	8" (203)
8301	Slim Line Plastic				13" (330)		
8501	Full Plastic						
8501M	Metal	4-5/8" (117)	2-3/8" (60)	6-1/2" (165)	13-5/8" (346)	3-7/8" (98)	7-5/8" (194)
8501A	Arch. Plastic			6" (152)	14" (356)	3-1/8" (79)	7-1/2" (191)
8501MA	Arch. Metal			5-7/8" (149)		3" (76)	

Model Number		
Stop Only	Thumbturn Hold Open	Ramp Hold Open
CLP8301 CLP8501	CLP8301T CLP8501T	CLP8301R CLP8501R

Notes:

- » Door closers are set at midpower range from the factory
- » Measurements are inches/mm unless noted
- » Standard door widths: 28"-48" (71-122cm)
- » Contact factory if door weight exceeds 250 lbs.

CLOSERPLUS SPRING™ ARM



Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

* Projection is for Slim Line or Full Covers. Projection for Metal Covers = 2-3/16" (56mm). Projection for Architectural Plastic & Architectural Metal Covers = 2-1/4" (57mm).

Closer Series	Covers	R Minimum Top Rail		S Minimum Top Rail Clearance	U Closer Length	V Closer Height	W Arm Extension
		W/O Drop Plate	With Drop Plate				
8101	No Cover	4-5/8" (117)	2-3/8" (60)	5-7/8" (149)	12-3/4" (324)	2-7/8" (73)	8" (203)
8301	Slim Line Plastic				13" (330)		
8501	Full Plastic				13-5/8" (346)	3-7/8" (98)	7-5/8" (194)
8501M	Metal			6-1/2" (165)	14" (356)	3-1/8" (79)	7-1/2" (191)
8501A	Arch. Plastic			6" (152)		3" (76)	
8501MA	Arch. Metal			5-7/8" (149)			

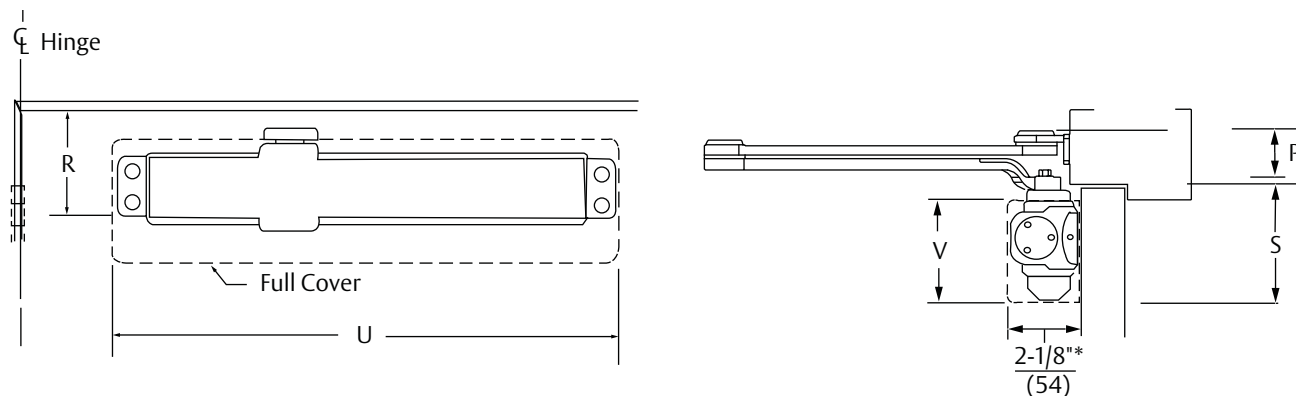
Model Number	
Stop Only	Hold Open
CPS8301 CPS8501	CPS8301T CPS8501T

Notes:

- » Door closers are set at midpower range from the factory
- » Measurements are inches/mm unless noted
- » Standard door widths: 28"-48" (71-122cm)
- » Contact factory if door weight exceeds 250 lbs.

8000 SERIES ARCHITECTURAL DOOR CLOSER

REGULAR RIGID HEAVY-DUTY ARM



Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

* Projection is for Slim Line or Full Covers. Projection for Metal Covers = 2-3/16" (56mm). Projection for Architectural Plastic & Architectural Metal Covers = 2-1/4" (57mm).

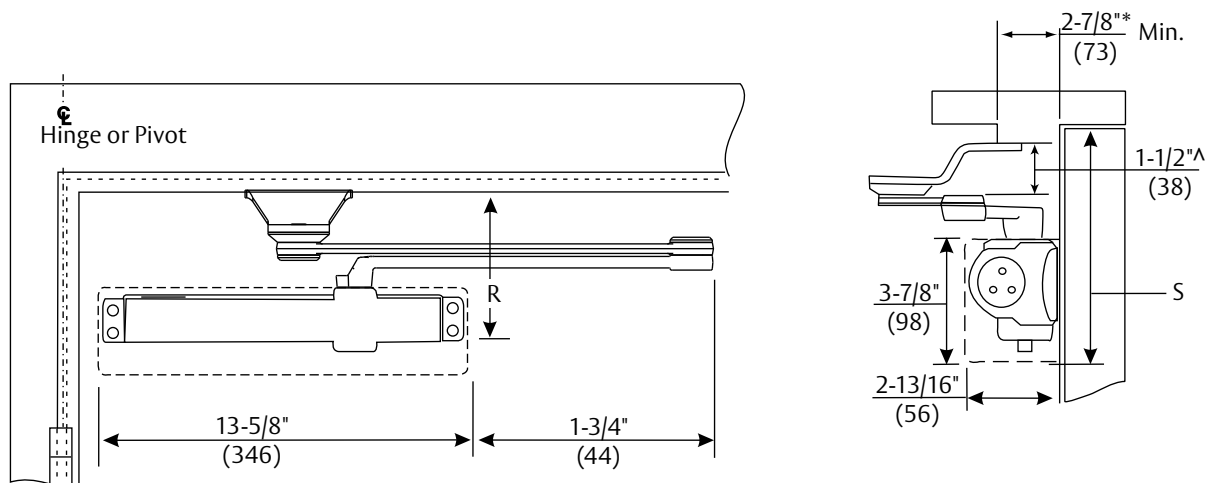
Closer Series	Covers	P Minimum Ceiling Clearance	R Minimum Top Rail		S Minimum Top Rail Clearance	U Closer Length	V Closer Height
			W/O Drop Plate	W/8146 Drop Plate			
		NHO	NHO	NHO	NHO		
8101	No Cover					12-3/4" (324)	
8301	Slim Line Plastic				3-1/2" (89)"	13" (330)	2-7/8" (73)
8501	Full Plastic						
8501M	Metal	1-3/4" (44)	2-1/2" (64)	1-5/8" (41)	4-1/4" (108)	13-5/8" (346)	3-3/4" (95)
8501A	Arch. Plastic				3-5/8 (92)	14" (356)	3-1/8" (79)
8501MA	Arch. Metal				3-1/2" (89)		3" (76)

Model Number
Non-Hold Open Only
R8301
R8501

Notes:

- » Door closers are set at midpower range from the factory
- » Measurements are inches/mm unless noted
- » Standard door widths: interior – 36"-54" (91-137cm)
exterior – 30"-52" (76-132cm)
- » Contact factory if door weight exceeds 250 lbs.

PARALLEL RIGID OFFSET ARM



Mounting holes for closer body are spaced 2-3/8" (60mm) vertically x 6-3/4" (171mm) horizontally.

^ If clearance greater than 1-1/2" is needed, 6891 spacer block is required.

* Projection is for Slim Line or Full Covers. Projection for Metal Covers = 2-3/16" (56mm). Projection for Architectural Plastic & Architectural Metal Covers = 2-1/4" (57mm).

R (inches/mm) Minimum Top Rail of Door with 5/8" (16mm) Frame Stop		S Minimum Top Rail of Door	
Without 6891 Spacer	With 6891 Spacer	Without 6891 Spacer	With 6891 Spacer
7-1/8" (181)	7-5/8" (194)	7-5/8" (194)	8-1/8" (206)

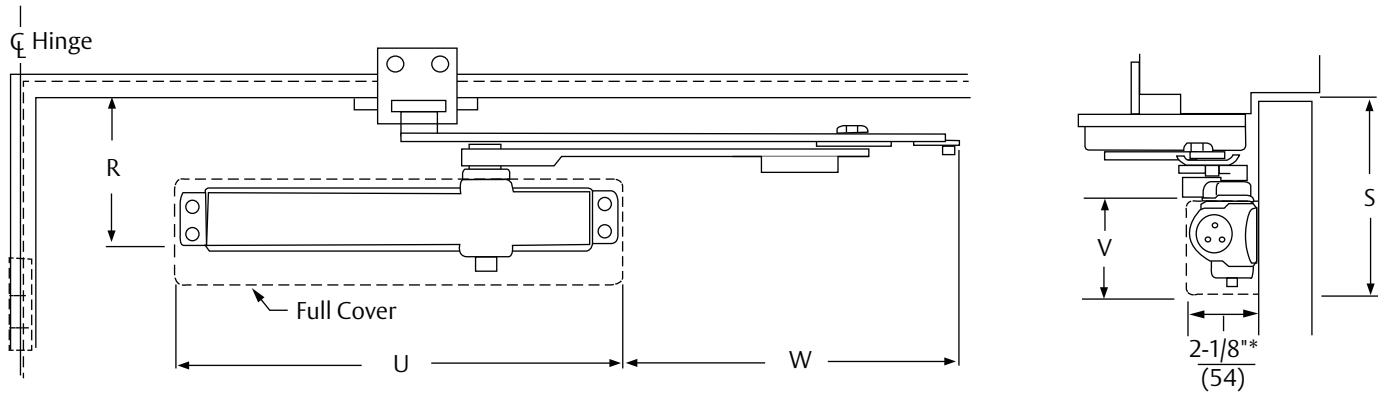
Model Number	
Non-Hold Open	Hold Open
PRO8301	PRO8301H
PRO8501	PRO8501H

Notes:

- » Door closers are set at midpower range from the factory
- » Closers with hold open arms are handed. Specify when ordering.
- » Measurements are inches/mm unless noted
- » Standard door widths: interior 30"-48" (76-122cm)
exterior 32-48" (81-122cm)
- » Contact factory if door weight exceeds 250 lbs.

8000 SERIES ARCHITECTURAL DOOR CLOSER

PARALLEL UNITROL® ARM



Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

*Projection is for Slim Line or Full Covers. Projection for Metal Covers = 2-3/16" (56mm). Projection for Architectural Plastic & Architectural Metal Covers = 2-1/4" (57mm).

Closer Series	Door Width	Covers	R Minimum Top Rail		S Minimum	U Closer Length	V Closer Height	W Arm Extension
			W/O Drop Plate	With Drop Plate				
8301	28"-32"	Slim Line	4-3/4" (121)	2-1/2" (64)	5-3/4" (146)	13" (330)	2-7/8" (73)	8-3/8" (213)
	33"-41"							9-7/8" (251)
	42"-48"							11-1/4" (286)
8501	33"-41" [^]	Full Plastic			6-3/8" (162)	13-5/8" (346)	3-7/8 (98)	9-7/8" (251)
8501M		Metal						9-1/2" (241)
8501A		Arch. Plastic			5-1/2" (140)	14" (356)	3-1/8" (79)	9-3/8" (238)
8501MA		Arch. Metal			5-3/8" (137)		3" (76)	9" (229)

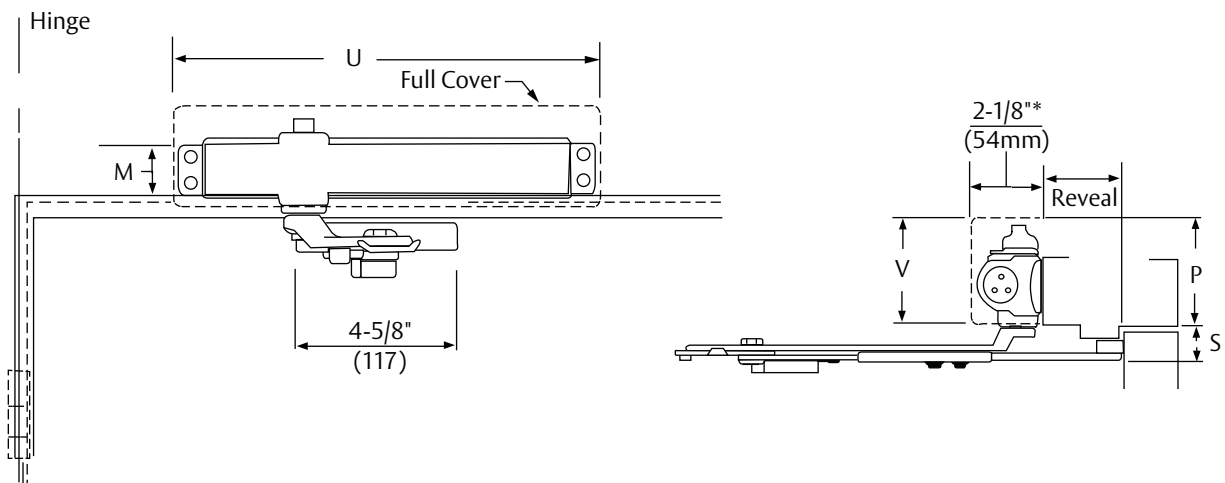
[^] Consult installation instructions for additional door width dimensions.

Model Number		
Sized Closers		
Stop Only	Hold Open	x Specify Door Width
UNI8301 UNI8501	UNI8301H UNI8501H	

Notes:

- » Door closers are set at midpower range from the factory
- » Measurements are inches/mm unless noted
- » Standard door widths: 28"-48" (71-122cm)
- » Contact factory if door weight exceeds 250 lbs.

TOP JAMB UNITROL® ARM



Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

* Projection is for Slim Line or Full Covers. Projection for Metal Covers = 2-3/16" (56mm). Projection for Architectural Plastic & Architectural Metal Covers = 2-1/4" (57mm).

Closer Series	Covers	R Minimum Top Rail		P Minimum Ceiling Clearance		S Minimum Top Rail Clearance		U Closer Length	V Closer Height
		W/O Drop Plate	With 8148, 8158, 8547, 8547A Drop Plate	W/O Drop Plate	With Drop Plate	W/O Drop Plate	With 8148, 8158, 8547, 8547A Drop Plate		
8301	Slim Line		1-1/2" (38)	2-3/4" (70)	1-1/2" (38)			13" (330)	2-7/8" (73)
8501	Full								
8501M	Metal	1-3/4" (44)	1-5/8" (41)	3-3/4" (95)	1-5/8" (41)	1-7/8" (48)	3-3/4" (95)	13-5/8" (346)	3-7/8" (98)
8501A	Arch. Plastic		1-1/2" (38)	3" (76)	1-1/2" (38)			14" (356)	3-1/8" (79)
8501MA	Arch. Metal			2-7/8" (73)					

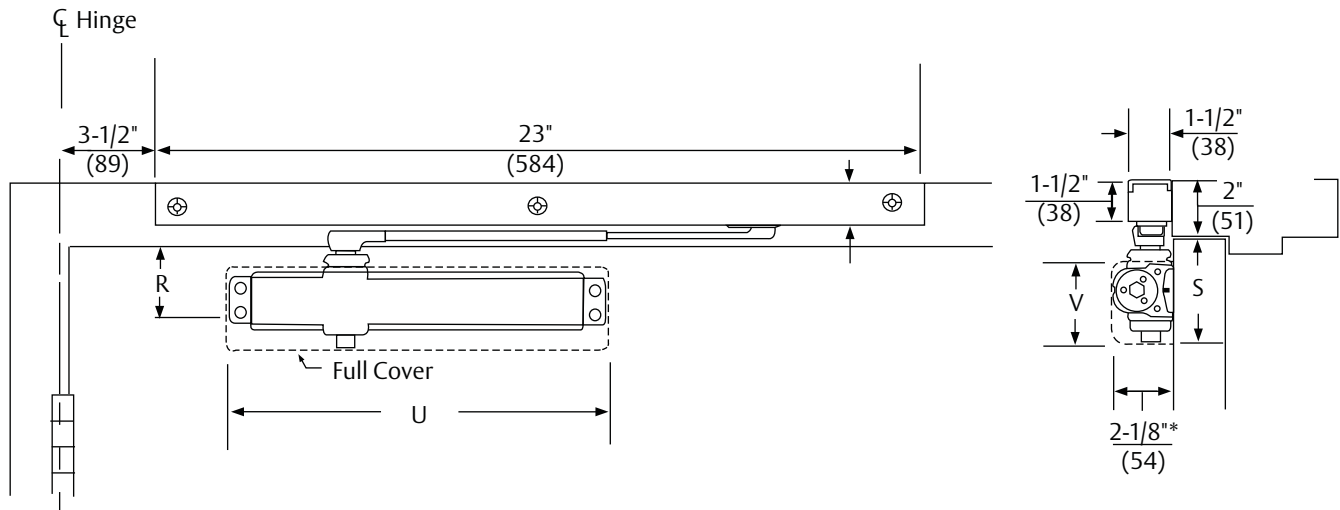
Model Number		
Non-Hold Open	Hold Open	
UNIJ8301 UNIJ8501	UNIJ8301H UNIJ8501H	x Specify Frame Reveal

Notes:

- » Door closers are set at midpower range from the factory
- » Measurements are inches/mm unless noted
- » Standard door widths: 28"-48" (71-122cm)
- » Contact factory if door weight exceeds 250 lbs.

8000 SERIES ARCHITECTURAL DOOR CLOSER

PULL SIDE SLIDE TRACK



Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

* Projection is for Slim Line or Full Covers. Projection for Metal Covers = 2-3/16" (56mm). Projection for Architectural Plastic & Architectural Metal Covers = 2-1/4" (57mm).

Closer Series	R Minimum Top Rail		S Minimum Top Rail Clearance				U Closer Length				V Closer Height			
	W/O Drop Plate	With 8146 Drop Plate	Slim or Full Cover	Metal Cover	Arch Plastic	Arch Metal	Slim or Full Cover	Metal Cover	Arch Plastic	Arch Metal	Slim or Full Cover	Metal Cover	Arch Plastic	Arch Metal
8301ST	2-1/2" (64)	1-5/8" (41)	3-1/2" (89)	4-1/8" (105)	3-5/8" (92)	3-1/2" (89)	13" (330)	13-5/8" (346)	14" (356)		2-7/8" (73)	3-3/4" (95)	3-1/8" (79)	3" (76)
8501ST														

Model Number		
Non-Hold Open		Hold Open
85°-110°++	85°-180°~~	85°-110°~~
8301ST 8501ST	8301ST-180 8501ST-180	8301STH 8501STH

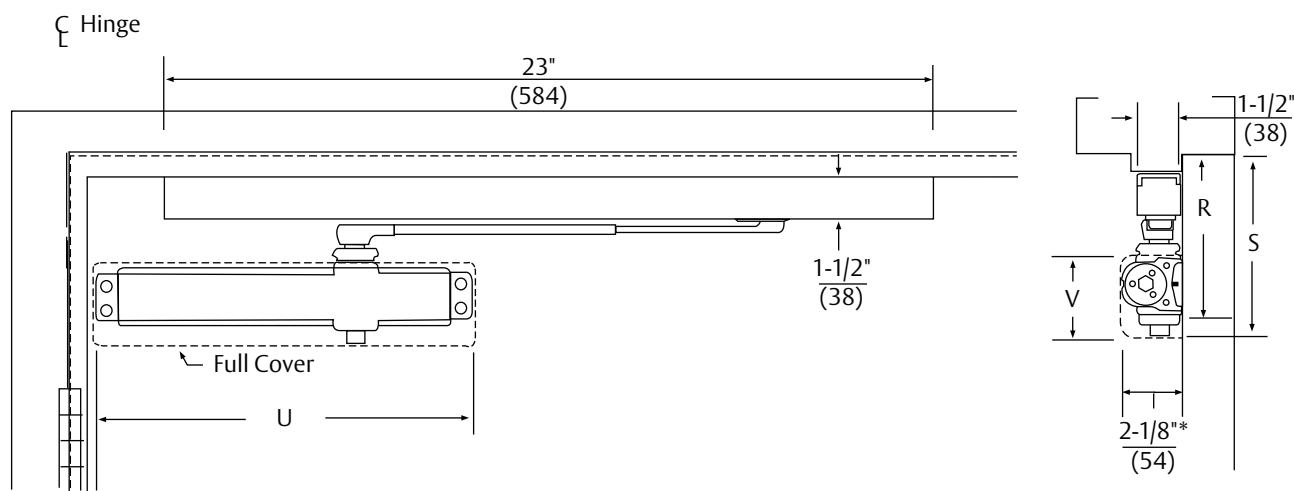
Notes:

- » Door closers are set at midpower range from the factory
- » Measurements are inches/mm unless noted
- » Standard door widths: interior 32"-48" (81-122cm)
exterior 32"-38" (81-97cm)
- » Contact factory if door weight exceeds 250 lbs.

++ Track is furnished with a spring buffered stop. Additional stop, by others, is recommended where abusive conditions are anticipated.

~~ Track is supplied without the spring buffered assembly. An auxiliary door stop, by others, is required.

PUSH SIDE SLIDE TRACK



Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

* Projection is for Slim Line or Full Covers. Projection for Metal Covers = 2-3/16" (56mm). Projection for Architectural Plastic & Architectural Metal Covers = 2-1/4" (57mm).

Closer Series	R Minimum Top Rail		S Minimum Top Rail Clearance				U Closer Length				V Closer Height			
	W/O Drop Plate	With 8146, 8158, 8548, 8548A Drop Plate	Slim or Full Cover	Metal Cover	Arch Plastic	Arch Metal	Slim or Full Cover	Metal Cover	Arch Plastic	Arch Metal	Slim or Full Cover	Metal Cover	Arch Plastic	Arch Metal
PS8301ST	5"	2-3/4"	6"	6-5/8"	6-1/8"	6"	13"	13-5/8"	14"		2-7/8"	3-3/4"	3-1/8"	3"
PS8501ST	(127)	(70)	(152)	(168)	(156)	(152)	(330)	(346)	(356)		(73)	(95)	(79)	(76)

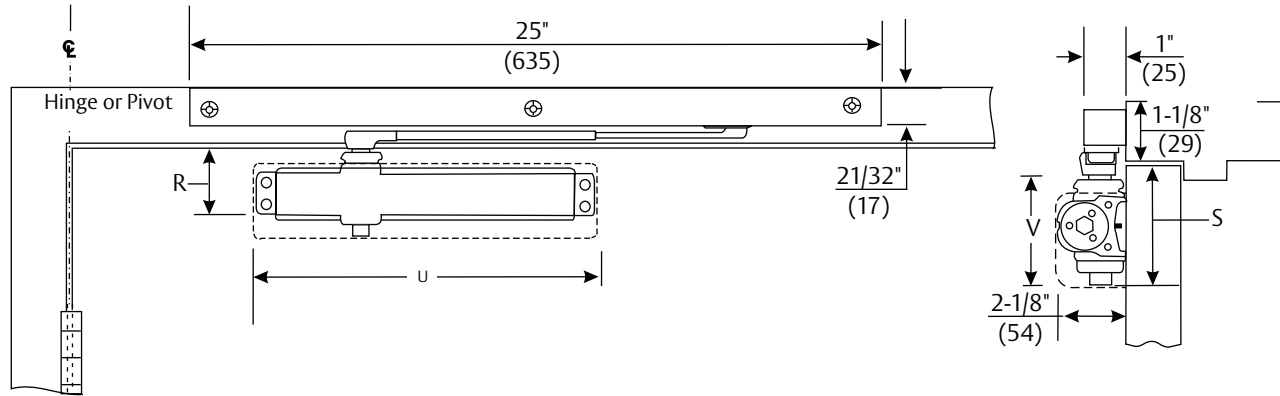
Model Number	
Non-Hold Open	Hold Open
85°-110°	
PS8301ST PS8501ST	PS8301STH PS8501STH

Notes:

- » Door closers are set at midpower range from the factory
- » All track assemblies are supplied with a spring buffered stop
- » A separate door stop, by others, is recommended where abusive conditions are anticipated
- » Measurements are inches/mm unless noted
- » Standard door widths: interior 32"-48" (81-122cm)
exterior 32"-38" (81-97cm)
- » Contact factory if door weight exceeds 250 lbs.

8000 SERIES ARCHITECTURAL DOOR CLOSER

LOW PROFILE PULL SIDE SLIDE TRACK



Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

*Projection is for Slim Line or Full Covers. Projection for Metal Covers = 2-3/16" (56mm). Projection for Architectural Plastic & Architectural Metal Covers = 2-1/4" (57mm).

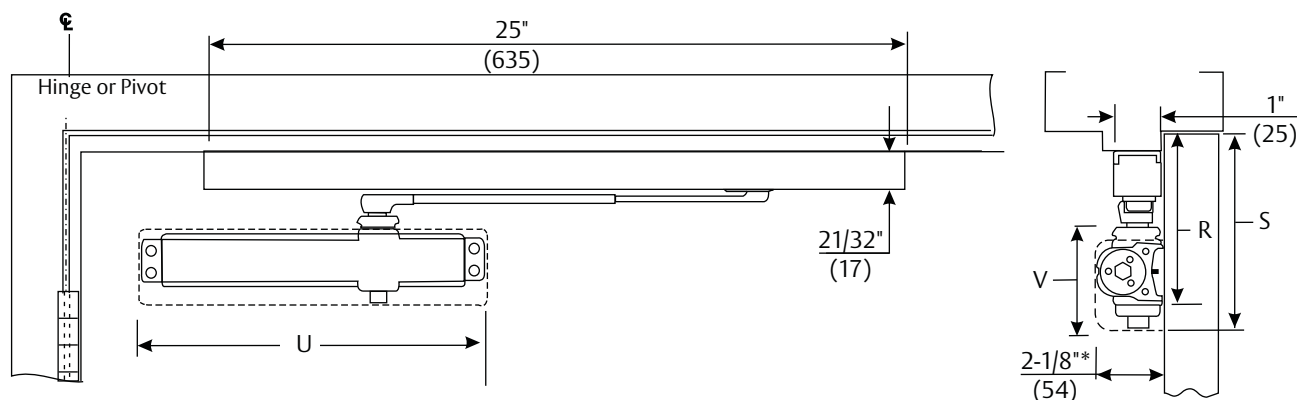
Closer Series	R Minimum Top Rail		S Minimum Top Rail Clearance				U Closer Length				V Closer Height			
	W/O Drop Plate	With 8146 Drop Plate	Slim or Full Cover	Metal Cover	Arch Plastic	Arch Metal	Slim or Full Cover	Metal Cover	Arch Plastic	Arch Metal	Slim or Full Cover	Metal Cover	Arch Plastic	Arch Metal
8341ST	2-1/2"	5/8"	3"	4-5/8"	3-1/8"	3"	13"	13-5/8"	14"		3"	3-7/8"	3-1/4"	3-1/8"
8541ST	(64)	(16)	(76)	(117)	(79)	(76)	(330)	(346)	(356)		(76)	(98)	(83)	(79)

Model Number	
Non-Hold Open	Hold Open
8341ST 8541ST	8341STH 8541STH

Notes:

- » Door closers are set at midpower range from the factory
- » Measurements are inches/mm unless noted
- » Standard door widths: **interior only** 32"-48" (81-122cm)
- » Contact factory if door weight exceeds 250 lbs.

LOW PROFILE PUSH SIDE SLIDE TRACK



Mounting holes for closer body are spaced 3/4" (19mm) vertically x12" (305mm) horizontally.

*Projection is for Slim Line or Full Covers. Projection for Metal Covers = 2-3/16" (56mm). Projection for Architectural Plastic & Architectural Metal Covers = 2-1/4" (57mm).

Closer Series	R Minimum Top Rail		S Minimum Top Rail Clearance				U Closer Length				V Closer Height			
	W/O Drop Plate	With 8146, 8158, 8548, 8548A Drop Plate	Slim or Full Cover	Metal Cover	Arch Plastic	Arch Metal	Slim or Full Cover	Metal Cover	Arch Plastic	Arch Metal	Slim or Full Cover	Metal Cover	Arch Plastic	Arch Metal
PS8341ST	4"	1-3/4"	5"	5-5/8"	5-1/8"	5"	13"	13-5/8"	14"		3"	3-7/8"	3-1/4"	3-1/8"
PS8541ST	(102)	(44)	(127)	(143)	(130)	(127)	(330)	(346)	(356)		(76)	(98)	(83)	(79)

Model Number	
Non-Hold Open	Hold Open
PS8341ST PS8541ST	PS8341STH PS8541STH

Notes:

- » Door closers are set at midpower range from the factory
- » Measurements are inches/mm unless noted
- » Standard door widths: **interior only** 32"-48" (81-122cm)
- » Contact factory if door weight exceeds 250 lbs.