

PRICELESS HEADER & KWIK-JAMB SYSTEM



2012
INTERNATIONAL
BUILDING
CODE
IBC

IAPMO
UNIFORM
ER 0342

www.SCAFCO.com



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Priceless Headers & Kwik-Jambs Provide More Than Just Labor Savings

Product Application

The Priceless Header and Kwik-Jamb System is pre-engineered, cut-to-length, and ready to install. This unique assembly will help standardize the installation process while eliminating labor intensive and expensive conventional methods.

The Priceless Header and Kwik-Jamb System has been Third Party Certified by IAPMO Uniform Evaluation Services. The new report (IAPMO Report ER-0342) includes section properties, installation instructions, connection details, and allowable clip loads, all of which are certified to meet the current IBC and AISI standards. Engineers and Architects can specify the Priceless System with assurance it will pass all inspections and code regulations.

To simplify engineering, the Priceless Header and Kwik-Jamb system has gone through extensive load testing in both axial and lateral conditions. In openings where additional strength is required, the Priceless System is excellent for load bearing applications.

An additional benefit to our header system is that we offer several standard details that can be easily imported into most CAD programs, including: Strucsoft MWF (BIM), Revit, and AutoCAD. With individual section property tables and span tables included, our header and jamb system simplifies the process for architects, engineers, and contractors.

Features and Benefits

- Flush finish eliminating build-up at the header-jamb connection
- Saves 70-80% in labor costs
- Pre-cut engineered assembly reduces waste (LEED)
- No cutting stud flanges or welding required
- Simplifies engineer design for jambs and header sizing
- Priceless Header Pro Design Software available for engineers and architects (Free download)
- Attachment clips provide easy connections to jambs
- Improved stiffness for deflection and high wind conditions
- Excellent for load bearing applications
- Meets or exceeds building code criteria
- CAD details available at SCAFCO.com

Order Information

Priceless Headers are to be ordered to rough opening width. SCAFCO's engineering department will adjust the member length to accommodate for clip thickness and screw build-up to provide a true fit.

LEED Credits

- MR Credit 2 - Construction Waste Management (1-2 points)
- MR Credit 4 - Recycled Content (1-2 points)
- MR Credit 5 - Regional Materials (1-2 points)

Independent Product Certification

- Code Compliance - IAPMO Uniform Evaluation Services
 - IAPMO Report ER-0342
- Structural Testing - NAHB Laboratories
- Structural Engineer - DEVCO Engineering

Code Approvals, Performance Standards, and Product Certifications

- AISI's "North American Specification for the Design of Cold-Formed Steel Structural Members"
- 2012 IBC - International Building Code
- 2013 CBC - California Building Code

American Society for Testing and Materials (ASTM)

- A653 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process
- A1003 - Standard Specification for Steel Sheet, Carbon, and Metallic-Coated for Cold-Formed Framing Members
- C645 - Standard Specification for Non-Structural Steel Framing Members
- C754 - Standard Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products
- C955 - Standard Specification for Load-Bearing (Transverse and Axial) Steel Studs, Runners (Tracks), and Bracing or Bridging for Screw Application of Gypsum Panel Products and Metal Plaster Bases
- C1007 - Standard Specification for Installation of Load Bearing (Transverse and Axial) Steel Studs and Related Accessories
- E72 - Standard Test Methods of Conducting Strength Tests of Panels for Building Construction



Header Nomenclature Example

Member Web Width

All member widths are given in $\frac{1}{100}$ inch.
(Example: 6" = **600** $\times \frac{1}{100}$ inch)

600

HD/HDR

Flange Depth

All flange widths are given in $\frac{1}{100}$ inch.
(Example: $3\frac{1}{2}" = 3.5" = \mathbf{350} \times \frac{1}{100}$ inch)

350 - 68

Style

Nomenclature uses the following characters to designate the profile:

HD Header or **HDR** Header

Mil Thickness

Mil Thickness is the minimum base steel thickness measured in $\frac{1}{1000}$ inch.

(Example: 0.068 = 68 mils; 1 mil = $\frac{1}{1000}$ inch)

Clip Nomenclature Example

Clip Width

All member widths are given in $\frac{1}{100}$ inch.
(Example: 6" = **600** $\times \frac{1}{100}$ inch)

600

FM/SC

Clip Height

All clip heights are given in $\frac{1}{100}$ inch.
(Example: $3\frac{1}{2}" = 3.5" = \mathbf{350} \times \frac{1}{100}$ inch)

350 - 54

Clip Designation

Nomenclature uses the following two characters to designate the profile:

FM = Flush Mount (Used with HD Header)

SC = Saddle Clip (Used with HDR Header)

Mil Thickness

Mil Thickness is the minimum base steel thickness measured in $\frac{1}{1000}$ inch.

(Example: 0.054 = 54 mils; 1 mil = $\frac{1}{1000}$ inch)

Steel Thickness Table

Steel Thickness Table

Designation Thickness (mil)	Minimum Thickness (in)	Design Thickness (in)	Yield Strength (ksi)	Tensile Strength (ksi)	Min. Galvanized Coating
33EQS	0.0280	0.0295	57	65	G60
43EQS	0.0380	0.0400	57	65	G60
54	0.0538	0.0566	57	65	G60
68	0.0677	0.0713	57	65	G90
97	0.0966	0.1017	57	65	G90
127	0.1270	0.1337	57	65	G90

Section Property Symbols

Gross Properties

- I_x : Moment of inertia of the cross section about the x-axis.
 I_y : Moment of inertia of cross section about the y-axis.
 R_x : Radius of gyration of cross section about the x-axis.
 R_y : Radius of gyration of cross section about the y-axis.
 S_x : Section modulus about the x-axis

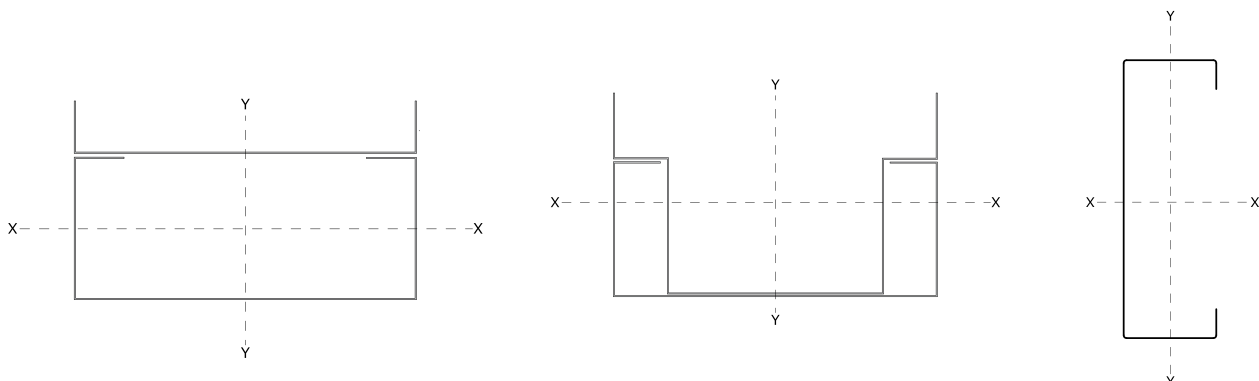
Effective Properties*

- I_{xe} : Effective moment of inertia about the x-axis
 I_{ye} : Effective moment of inertia about the y-axis
 K_ϕ : Critical value of rotational stiffness to eliminate distortional buckling
 M_{ad} : Allowable moment based on distortional buckling, with $K_\phi = 0$
 M_{al} : Allowable moment based on local buckling
 M_{ax} : Allowable moment about x-axis
 M_{ay} : Allowable moment about y-axis
 S_{xe} : Effective section modulus about the x-axis
 S_{ye} : Effective section modulus about the y-axis
 V_{ag} : Allowable strong axis shear away from punchout, calculated in accordance with AISI S100 Section C3.2.1
 V_{anet} : Allowable strong axis shear at the punchout, calculated in accordance with AISI S100 Section C3.2.2
 V_{ax} : Allowable shear about x-axis
 V_{ay} : Allowable shear about y-axis

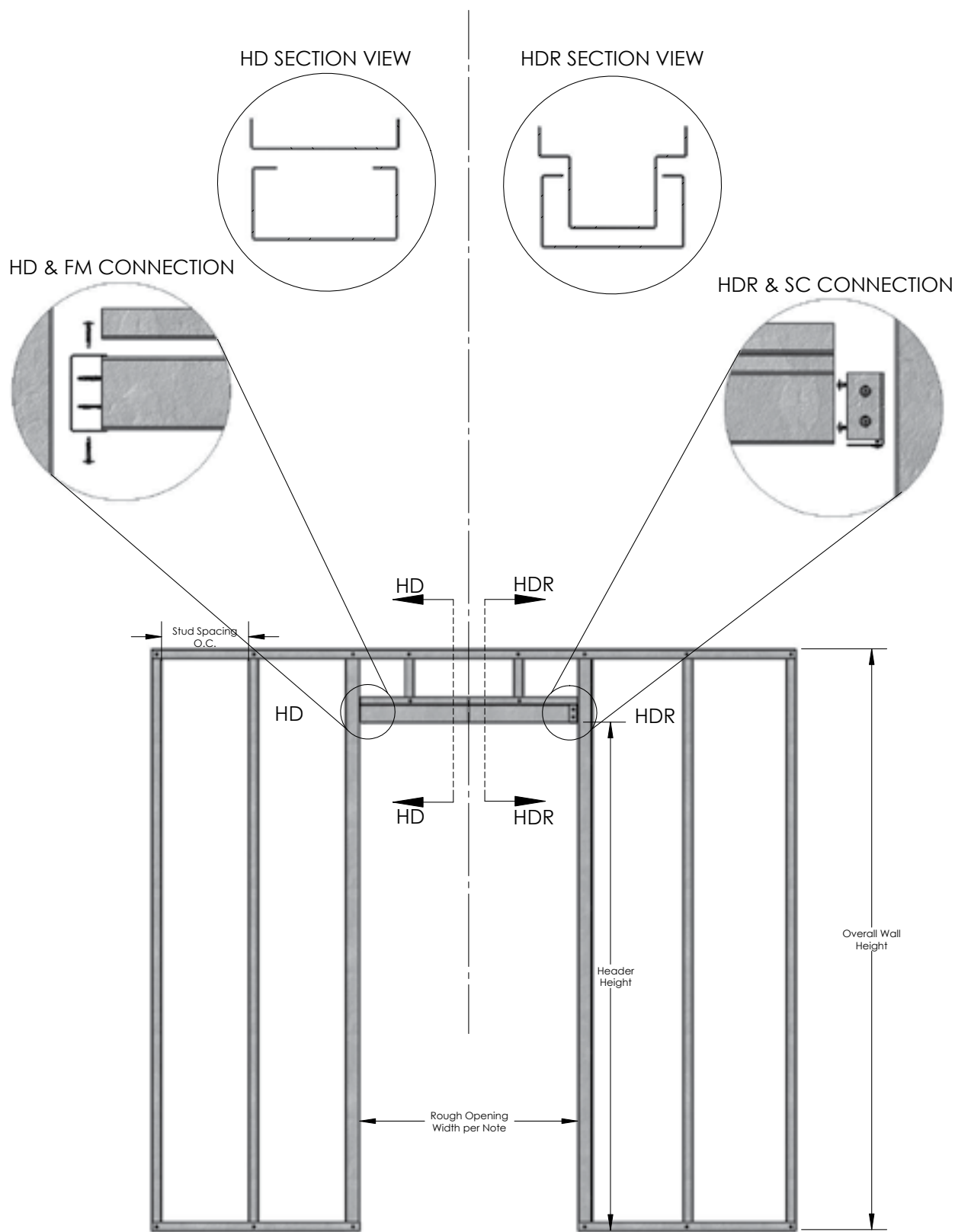
Torsional and Other Properties

- J : St. Venant torsional constant. The numbers shown in the tables for J have been multiplied by 1,000. The actual values can be obtained by dividing the listed numbers by 1,000
 C_w : Torsional warping constant
 X_o : Distance from the shear center to mid-plane of web
 R_o : Polar radius of gyration of cross section about the shear center
 β : $1 - (X_o/R_o)^2$
 L_u : Critical unbraced length for lateral-torsional buckling. Members are considered fully braced when unbraced length is less than L_u

*Note: Effective properties based on the "North American Specification for the Design of Cold-Formed Structural Members", 2012 edition with the 2010 supplement.



Design Diagram Example



Note: Priceless Headers are to be ordered to rough opening width. SCAFCO's engineering department will adjust the member length to accommodate for clip thickness and screw build-up to provide a true fit.

HD Header vs. Built-Up Header Assembly

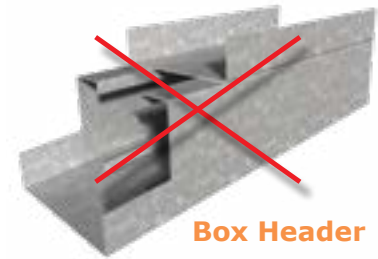
HD Header



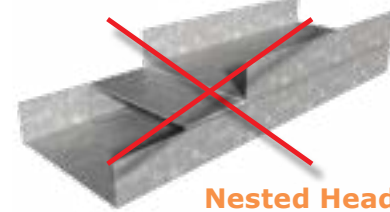
SCAFCO's HD Header replaces the stud-in-track Nested Header and Box Header assemblies.



Built-Up Header Assembly



Box Header



Nested Header

HD Box Header Substitution Table

Typical Boxed Configuration	2-362S125-33 (Boxed)	2-362S162-43 (Boxed)	2-362S162-54 (Boxed)
Priceless Replacement	362HD350-54	362HD350-68	362HD350-97

1. Example: If plans call out for 362S162-43 Boxed Header, then you can substitute 362HD350-68.
2. Substitutions based on meeting or exceeding the vertical and lateral flexural strength and stiffness of the boxed members.
3. Section properties for boxed configurations are based on using track sections of same thicknesses and 1.25" flanges.

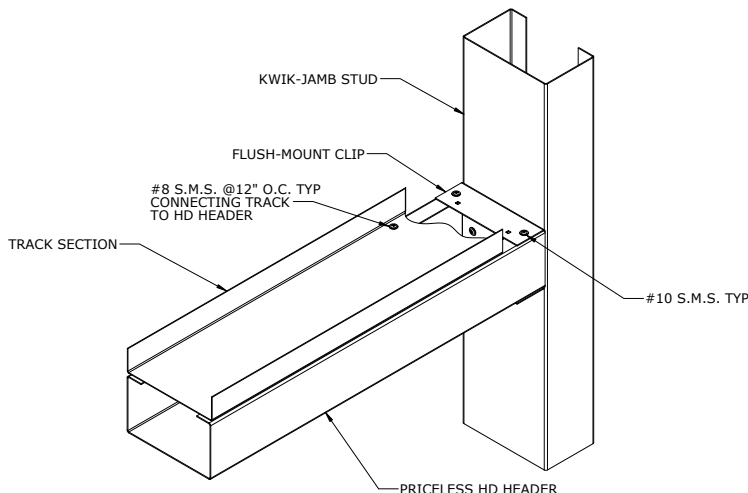
HD Nested Header Substitution Table

Typical Nested Configuration	362S125-33 + 362T125-33	362S125-43 + 362T125-43	362S162-54 + 362T125-54	362S162-68 + 362T125-68
Priceless Replacement	362HD300-43EQS	362HD350-54	362HD350-68	362HD350-97
Typical Nested Configuration	600S125-33 + 600T125-33	600S125-43 + 600T125-43	600S162-54 + 600T125-54	600S162-68 + 600T125-68
Priceless Replacement	600HD300-43EQS	600HD350-54	600HD350-68	600HD350-97

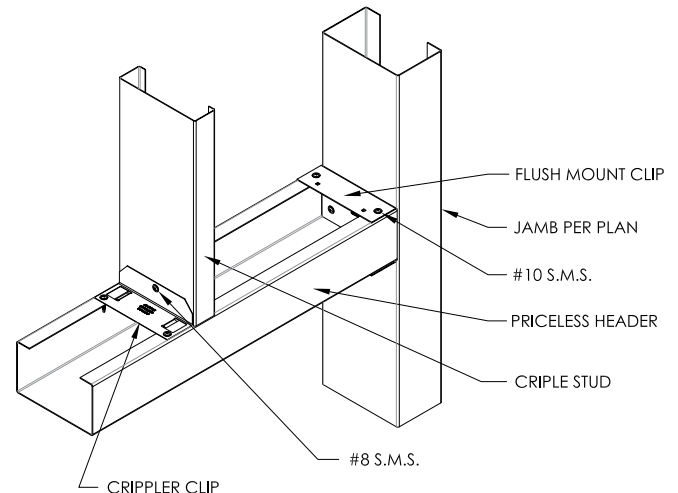
1. Example: If plans call out for 362S125-33 + 362T125-33 Nested Header, you can substitute 362HD300-43EQS.
2. Substitutions based on meeting or exceeding the vertical and lateral flexural strength and stiffness of the nested members.

Connection Detail / Crippler Clip

Priceless HD Header with Track Section



Priceless HD Header with Crippler Clip



Priceless HD Header - Section Properties

Part No.	Design Thickness (in)	F _y (ksi)	Gross Properties						Effective Properties x-x						Effective Properties y-y			Distortional	Shear	
			Area (in ²)	Weight (lb/ft)	I _x (in ⁴)	R _x (in)	I _y (in ⁴)	R _y (in)	I _{xe} (+) (in ⁴)	S _{xe} (+) (in ³)	Max (+) (in-k)	I _{xe} (-) (in ⁴)	S _{xe} (-) (in ³)	Max (-) (in-k)	I _{ye} (in ⁴)	S _{ye} (in ³)	Max (in-k)	Mad (in-k)	V _{ax} (lb)	V _{ay} (lb)
350HD300-33EQS	0.0295	57	0.331	1.13	0.459	1.178	0.710	1.465	0.416	0.163	4.64	0.383	0.141	4.02	0.586	0.209	5.95	7.61	696	1642
350HD300-43EQS	0.0400	57	0.447	1.52	0.616	1.173	0.954	1.461	0.589	0.261	8.92	0.552	0.236	8.07	0.845	0.349	11.92	13.88	1741	3596
350HD350-54	0.0566	57	0.684	2.33	1.224	1.338	1.491	1.477	1.191	0.553	18.88	1.148	0.589	20.09	1.371	0.641	21.87	22.32	3600	7200
350HD350-68	0.0713	57	0.853	2.90	1.509	1.330	1.843	1.470	1.509	0.735	25.08	1.503	0.747	25.51	1.801	0.851	29.04	30.06	4791	9582
350HD350-97	0.1017	57	1.194	4.06	2.057	1.312	2.525	1.454	2.057	1.046	35.70	2.057	1.046	35.70	2.525	1.248	42.60	46.49	6503	13006
362HD300-33EQS	0.0295	57	0.335	1.14	0.465	1.179	0.769	1.516	0.421	0.163	4.66	0.384	0.139	3.97	0.636	0.218	6.21	7.94	670	1642
362HD300-43EQS	0.0400	57	0.452	1.54	0.624	1.175	1.033	1.511	0.600	0.262	8.94	0.557	0.234	7.99	0.916	0.364	12.42	14.47	1677	3596
362HD350-54	0.0566	57	0.691	2.35	1.240	1.340	1.613	1.528	1.206	0.556	18.98	1.153	0.589	20.12	1.484	0.671	22.89	23.17	3600	7200
362HD350-68	0.0713	57	0.862	2.93	1.529	1.332	1.995	1.521	1.529	0.739	25.21	1.513	0.749	25.55	1.949	0.890	30.38	31.23	4981	9582
362HD350-97	0.1017	57	1.207	4.11	2.085	1.314	2.735	1.505	2.085	1.052	35.89	2.085	1.052	35.89	2.735	1.304	44.52	48.39	6775	13006
400HD300-33EQS	0.0295	57	0.346	1.18	0.483	1.181	0.960	1.666	0.414	0.164	4.68	0.385	0.135	3.85	0.790	0.245	6.98	8.85	604	1642
400HD300-43EQS	0.0400	57	0.467	1.59	0.647	1.177	1.290	1.662	0.609	0.263	8.96	0.555	0.228	7.77	1.139	0.410	14.01	16.09	1510	3596
400HD350-54	0.0566	57	0.712	2.42	1.286	1.344	2.012	1.681	1.251	0.564	19.26	1.167	0.591	20.18	1.854	0.762	26.00	25.74	3600	7200
400HD350-68	0.0713	57	0.889	3.03	1.586	1.336	2.491	1.674	1.586	0.750	25.58	1.540	0.752	25.67	2.434	1.010	34.49	34.77	5553	9582
400HD350-97	0.1017	57	1.245	4.24	2.164	1.318	3.422	1.658	2.164	1.067	36.43	2.164	1.067	36.42	3.422	1.478	50.43	54.13	7590	13006
550HD300-33EQS	0.0295	57	0.390	1.33	0.542	1.179	1.975	2.250	0.485	0.171	4.87	0.395	0.120	3.42	1.612	0.361	10.30	12.47	433	1642
550HD300-43EQS	0.0400	57	0.527	1.79	0.727	1.174	2.659	2.246	0.678	0.267	9.10	0.570	0.202	6.90	2.328	0.606	20.70	22.82	1080	3596
550HD350-54	0.0566	57	0.797	2.71	1.445	1.347	4.124	2.275	1.404	0.589	20.10	1.203	0.596	20.34	3.820	1.157	39.50	36.14	3093	7200
550HD350-68	0.0713	57	0.996	3.39	1.784	1.338	5.118	2.267	1.784	0.784	26.74	1.612	0.761	25.98	5.002	1.528	52.16	49.17	5713	9582
550HD350-97	0.1017	57	1.398	4.76	2.439	1.321	7.073	2.250	2.439	1.117	38.14	2.439	1.090	37.20	7.073	2.224	75.89	77.66	10851	13006
600HD300-33EQS	0.0295	57	0.405	1.38	0.559	1.175	2.408	2.439	0.500	0.172	4.91	0.398	0.116	3.31	1.958	0.401	11.44	13.69	395	1642
600HD300-43EQS	0.0400	57	0.547	1.86	0.750	1.171	3.243	2.435	0.699	0.268	9.16	0.574	0.196	6.68	2.830	0.674	23.00	25.07	987	3596
600HD350-54	0.0566	57	0.825	2.81	1.491	1.344	5.022	2.467	1.449	0.591	20.16	1.211	0.597	20.38	4.659	1.300	44.35	39.66	2823	7200
600HD350-68	0.0713	57	1.032	3.51	1.841	1.336	6.237	2.459	1.841	0.792	27.05	1.628	0.763	26.04	6.095	1.713	58.47	54.05	5713	9582
600HD350-97	0.1017	57	1.449	4.93	2.518	1.318	8.631	2.441	2.518	1.130	38.58	2.481	1.095	37.37	8.631	2.491	85.01	85.69	11622	13006
800HD300-43EQS	0.0400	57	0.627	2.13	0.826	1.148	6.291	3.167	0.769	0.274	9.34	0.586	0.177	6.03	5.267	0.915	31.23	34.08	733	3596
800HD350-54	0.0566	57	0.938	3.19	1.646	1.325	9.683	3.212	1.603	0.596	20.33	1.233	0.600	20.47	9.015	1.919	65.50	53.88	2091	7200
800HD350-68	0.0713	57	1.174	4.00	2.034	1.316	12.046	3.203	2.034	0.820	27.99	1.672	0.768	26.22	11.773	2.517	85.90	73.88	4221	9582
800HD350-97	0.1017	57	1.652	5.62	2.784	1.298	16.737	3.183	2.784	1.171	39.97	2.599	1.108	37.80	16.737	3.649	124.54	118.57	11622	13006

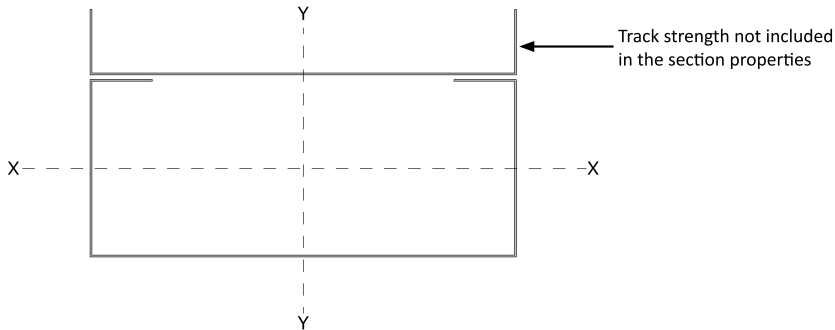


Table Notes

1. In the case of varying thickness of header and jamb material, use the lowest of the two corresponding allowable loads listed.
2. For web widths not listed, use the next web width smaller in size (Example: For 4" members use 3.625" values).
3. Maximum gap between end of header member and vertical face of clip shall not exceed 3/8 inch.
4.
 - For the 4 fastener connection to the jamb - screws are to be installed in corner pre-drilled hole locations.
 - For the 6 fastener connection to the jamb- screws are to fill all pre-drilled holes.
5. Fasteners are based on minimum #10 sheet metal screws.

Flush Mount Clip Allowable Loads

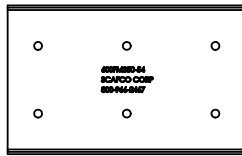
Header	Jamb	Clip	Number of Fasteners from Clip to Header	Number of Fasteners from Clip to Jamb	Allowable Shear Load (lbs)	
					Vertical	Horizontal
362HD300-33EQS	362KJS238-33EQS	362FM300-54	4	4	154	338
362HD300-43EQS	362KJS238-43EQS	362FM300-54	4	4	431	445
362HD350-54	362KJS338-54	362FM350-54	4	4	955	485
362HD350-68	362KJS338-68	362FM350-54	6	6	1090	1245
600HD300-33EQS	600KJS238-33EQS	600FM300-54	4	4	235	226
600HD300-43EQS	600KJS238-43EQS	600FM300-54	4	4	503	392
600HD350-54	600KJS338-54	600FM350-54	6	6	868	1053
600HD350-68	600KJS338-68	600FM350-54	6	6	988	1549
800HD300-43EQS	800KJS238-43EQS	800FM300-54	4	4	606	578
800HD350-54	800KJS338-54	800FM350-54	6	6	848	699
800HD350-68	800KJS338-68	800FM350-54	6	6	1036	974

*Flush Mount Clips available for all HD Header widths.

Flush Mount Clip Details



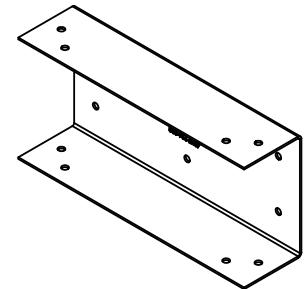
362 MEMBER



600 MEMBER



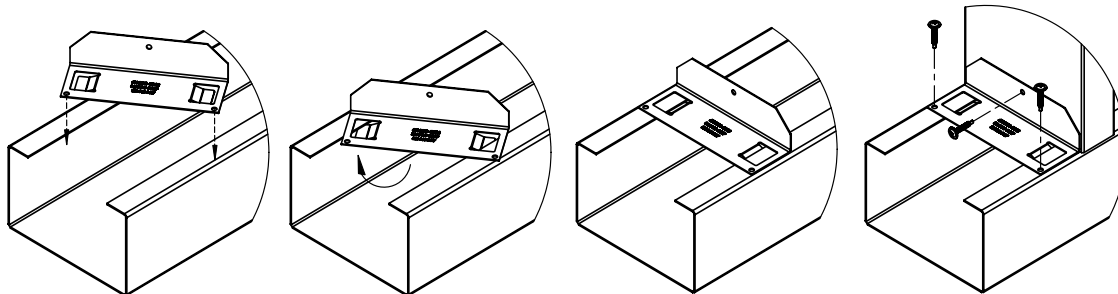
800 MEMBER



FLUSH MOUNT CLIP

Cripler Clip Details

Cripler Clip Installation



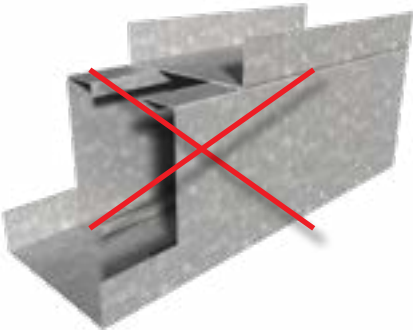
Quantity / Order Information

Part No.	Header Width (in)	Qty / Bucket	Lbs / Bucket
362CPLR-43EQS	3 1/2"	200	27
400CPLR-43EQS	4"	100	15
550CPLR-43EQS	5 1/2"	100	21
600CPLR-43EQS	6"	100	23
800CPLR-43EQS	8"	100	31

HDR Header vs. Traditional Box Header



Traditional Box Header



SCAFCO's HDR Header replaces the traditional Box Header system for conditions with greater vertical and lateral loads.

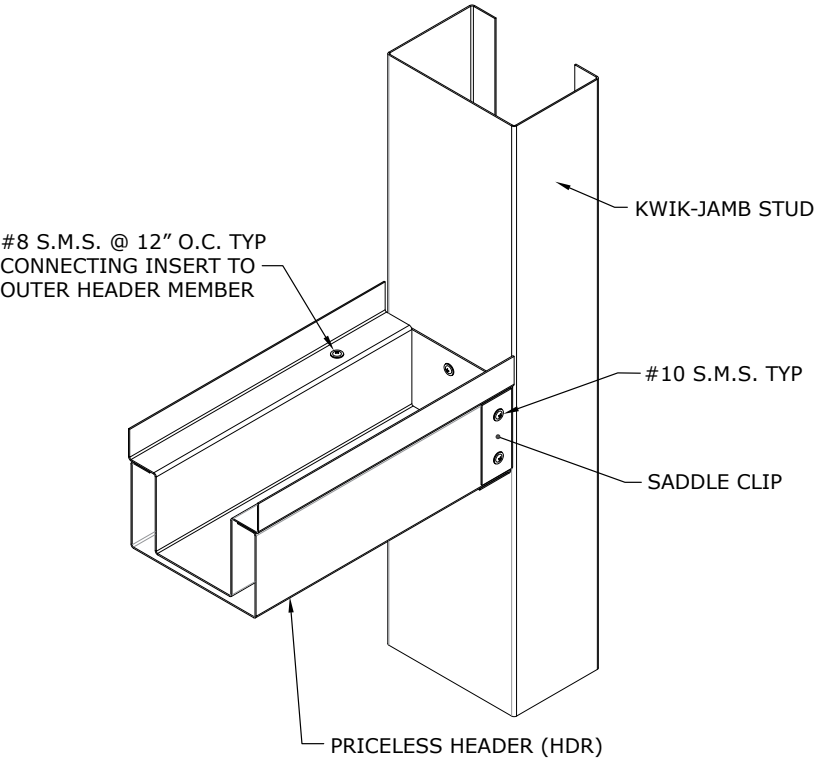


HDR Header Substitution Table

Typical Boxed Configuration	2-600S162-33 (Boxed)	2-600S162-43 (Boxed)	2-600S162-54 (Boxed)	2-600S162-68 (Boxed)	2-600S162-97 (Boxed)
Priceless Replacement	600HDR450-68	600HDR450-68	600HDR450-68	600HDR450-97	600HDR450-127

- 1. Ex. If plans call out for 2-600S162-54 Boxed Header, then you can substitute 600HDR450-68 member.
- 2. Substitutions based on meeting or exceeding the vertical and lateral flexural strength and stiffness of the boxed members.
- 3. Section properties for boxed configurations are based on using track sections of same thicknesses and 1.25" flanges.

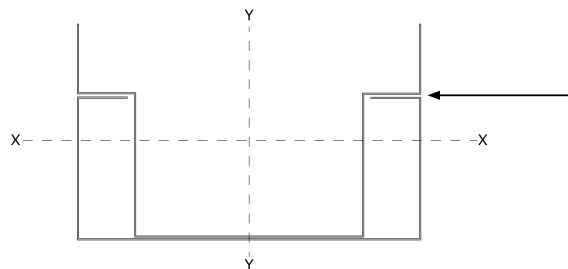
Connection Detail



Priceless HDR Header - Section Properties

Part No.	Design Thickness (in)	Fy (ksi)	Gross Properties						Effective Properties x-x						Effective Properties y-y			Distortional May (in-k)	Shear	
			Area (in ²)	Weight (lb/ft)	Ix (in ⁴)	Rx (in)	Iy (in ⁴)	Ry (in)	Ix (+) (in ⁴)	Sx (+) (in ³)	Max (+) (in-k)	Ix (-) (in ⁴)	Sx (-) (in ³)	Max (-) (in-k)	Iye (in ⁴)	Sy (in ³)	May (in-k)		Vax (lb)	Vay (lb)
350HDR200-33EQS	0.0295	57	0.541	1.842	0.419	0.880	0.854	1.256	0.321	0.150	5.1	0.389	0.226	7.72	0.707	0.340	11.59	11.75	1195	4330
350HDR350-54	0.0566	57	1.368	4.654	2.597	1.378	2.146	1.253	2.514	0.907	31.0	2.599	1.080	36.87	1.944	0.913	31.15	31.55	5519	15712
350HDR350-68	0.0713	57	1.710	5.817	3.205	1.369	2.658	1.247	3.242	1.201	41.0	3.284	1.372	46.83	2.492	1.183	40.39	42.82	7097	21837
350HDR350-97	0.1017	57	2.400	8.165	4.375	1.350	3.660	1.235	4.510	1.889	64.5	4.510	1.889	64.49	3.548	1.774	60.56	65.10	9614	30185
362HDR200-33EQS	0.0295	57	0.549	1.868	0.430	0.885	0.933	1.304	0.329	0.152	5.2	0.402	0.231	7.88	0.777	0.360	12.30	12.46	1161	4378
362HDR350-54	0.0566	57	1.382	4.702	2.650	1.385	2.345	1.303	2.564	0.917	31.3	2.642	1.087	37.09	2.133	0.967	32.99	33.14	5580	15812
362HDR350-68	0.0713	57	1.727	5.878	3.270	1.376	2.906	1.297	3.307	1.215	41.5	3.351	1.386	47.32	2.731	1.253	42.75	45.00	7470	21981
362HDR350-97	0.1017	57	2.425	8.252	4.468	1.357	4.003	1.285	4.606	1.930	65.9	4.606	1.930	65.87	3.889	1.876	64.02	69.05	10132	30022
400HDR200-33EQS	0.0295	57	0.571	1.943	0.460	0.897	1.196	1.447	0.352	0.159	5.4	0.426	0.236	8.05	1.010	0.425	14.52	14.39	1070	4506
400HDR350-54	0.0566	57	1.424	4.846	2.802	1.403	3.008	1.453	2.707	0.945	32.3	2.764	1.107	37.77	2.761	1.135	38.74	38.00	5749	16087
400HDR350-68	0.0713	57	1.781	6.060	3.460	1.394	3.730	1.447	3.496	1.252	42.7	3.517	1.416	48.33	3.526	1.468	50.10	51.67	8605	21802
400HDR350-97	0.1017	57	2.501	8.511	4.735	1.376	5.146	1.434	4.880	1.988	67.9	4.880	1.988	67.85	5.027	2.192	74.80	80.54	11713	29596
550HDR200-33EQS	0.0295	57	0.659	2.244	0.560	0.921	2.663	2.010	0.425	0.177	6.0	0.506	0.253	8.65	2.315	0.719	24.54	21.99	809	4637
550HDR350-54	0.0566	57	1.594	5.424	3.328	1.445	6.692	2.049	3.203	1.032	35.2	3.179	1.165	39.76	6.247	1.882	64.25	58.03	5477	15540
550HDR450-68	0.0713	57	2.280	7.758	7.220	1.779	9.692	2.062	7.236	2.055	70.1	7.061	2.199	75.04	8.842	2.498	85.24	83.46	9874	24432
550HDR450-97	0.1017	57	3.213	10.934	9.976	1.762	13.456	2.046	10.199	3.202	109.3	10.199	3.202	109.29	12.800	3.780	129.02	132.53	18071	36991
550HDR450-127	0.1337	57	4.170	14.191	12.675	1.743	17.185	2.030	13.040	4.130	141.0	13.040	4.130	140.97	16.831	5.189	177.10	184.98	22550	46189
600HDR200-33EQS	0.0295	57	0.689	2.344	0.588	0.924	3.313	2.193	0.445	0.181	6.2	0.528	0.258	8.80	2.896	0.828	28.27	24.54	748	4572
600HDR350-54	0.0566	57	1.651	5.617	3.480	1.452	8.309	2.244	3.346	1.055	36.0	3.296	1.179	40.24	7.774	2.155	73.56	64.83	5073	15290
600HDR450-68	0.0713	57	2.351	8.001	7.534	1.790	12.030	2.262	7.547	2.097	71.6	7.304	2.223	75.88	10.992	2.865	97.80	93.31	10071	24048
600HDR450-97	0.1017	57	3.315	11.280	10.419	1.773	16.724	2.246	10.650	3.266	111.5	10.592	3.249	110.89	15.933	4.336	147.98	148.89	20283	36505
600HDR450-127	0.1337	57	4.304	14.646	13.248	1.754	21.389	2.229	13.632	4.216	143.9	13.632	4.216	143.89	20.975	5.940	202.75	208.33	25468	45817
800HDR250-43EQS	0.04	57	1.173	3.990	1.418	1.100	10.158	2.943	1.205	0.415	14.2	1.274	0.512	17.46	9.322	1.984	67.71	55.02	1405	7554
800HDR350-54	0.0566	57	1.877	6.387	3.996	1.459	16.912	3.002	3.831	1.124	38.3	3.689	1.220	41.66	15.905	3.355	114.52	92.48	3911	14578
800HDR450-68	0.0713	57	2.637	8.971	8.624	1.809	24.410	3.043	8.621	2.229	76.1	8.131	2.295	78.33	22.386	4.487	153.15	133.38	7977	22907
800HDR450-97	0.1017	57	3.722	12.664	11.950	1.792	34.065	3.025	12.209	3.468	118.4	11.877	3.373	115.14	32.582	6.781	231.44	216.29	21515	34910
800HDR450-127	0.1337	57	4.839	16.466	15.228	1.774	43.750	3.007	15.676	4.482	153.0	15.676	4.482	152.98	43.028	9.231	315.07	305.28	36407	44763
1000HDR250-54	0.0566	57	1.877	6.387	2.165	1.074	24.835	3.637	2.052	0.674	23.0	2.017	0.767	26.18	24.228	4.482	152.99	114.68	3227	10838
1000HDR450-68	0.0713	57	2.922	9.942	9.502	1.803	42.063	3.794	9.485	2.322	79.3	8.782	2.342	79.92	38.673	6.333	216.15	174.07	6493	22159
1000HDR450-97	0.1017	57	4.129	14.048	13.181	1.787	58.850	3.775	13.463	3.608	123.2	12.871	3.450	117.74	56.424	9.554	326.09	285.79	19146	33814
1000HDR450-127	0.1337	57	5.374	18.286	16.816	1.769	75.789	3.755	17.317	4.667	159.3	17.085	4.605	157.17	74.641	12.941	441.70	406.41	37650	43515
1200HDR250-54	0.0566	57	2.103	7.157	2.321	1.051	39.181	4.316	2.194	0.693	23.7	2.142	0.780	26.64	38.367	5.565	189.96	139.23	2711	10635
1200HDR450-68	0.0713	57	3.207	10.912	10.225	1.786	65.559	4.521	10.196	2.391	81.6	9.313	2.374	81.04	60.471	8.398	286.64	214.95	5471	21634
1200HDR450-97	0.1017	57	4.535	15.433	14.193	1.769	91.891	4.501	14.494	3.712	126.7	13.669	3.501	119.50	88.271	12.634	431.22	356.18	16121	33023
1200HDR450-127	0.1337	57	5.909	20.105	18.120	1.751	118.575	4.480	18.663	4.804	164.0	18.199	4.684	159.88	116.884	17.045	581.79	510.06	36349	42568

1. Allowable Moment (Max and May) of combined section are based on a non-composite relative stiffness model.



The offset between the HDR Header lower section and the upper section track leg will be more pronounced for 97mil and 127mil Headers. This material offset may create a slight build up of material along this seam, similar to boxed header construction. 33EQS up to 68mil will have insignificant buildup.

Table Notes

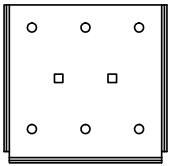
1. In the case of varying thickness of header and jamb material, use the lowest of the two corresponding allowable loads listed.
2. For web widths not listed, use the next web width smaller in size (Example: For 4" members use 3.625" values)
3. Maximum gap between end of header member and vertical face of clip shall not exceed 3/8 inch
4.
 - For the 4 fastener connection - screws are to be installed in corner pre-drilled hole locations.
 - For the 6 fastener connection - screws are to be installed in top and bottom rows of pre-drilled holes.
 - For the 8 fastener connection - screws are to fill all pre-drilled holes.
5. Fasteners are based on minimum #10

Saddle Clip Allowable Loads

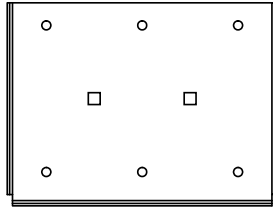
Header	Jamb	Clip	Number of Fasteners from Clip to Header	Number of Fasteners from Clip to Jamb	Allowable Shear Load (lbs)	
					Vertical	Horizontal
362HDR200-33EQS	362KJS238-33EQS	362SC200-54	4	4	655	218
362HDR350-54	362KJS338-54	362SC350-54	6	6	2248	610
362HDR350-68	362KJS338-68	362SC350-54	6	8	2802	1002
600HDR200-33EQS	600KJS238-33EQS	600SC200-54	4	4	519	201
600HDR350-54	600KJS338-54	600SC350-54	6	6	2327	618
600HDR450-68	600KJS338-68	600SC450-54	6	8	2638	872
600HDR450-97	600KJS338-68	600SC450-54	8	8	3314	1344
800HDR250-43EQS	800KJS238-43EQS	800SC250-54	6	6	1038	367
800HDR350-54	800KJS338-54	800SC350-54	6	6	1937	578
800HDR450-68	800KJS338-68	800SC450-54	6	8	3570	1035
800HDR450-97	800KJS338-68	800SC450-54	8	8	2700	1083

* Saddle Clips available for all HDR Header widths.

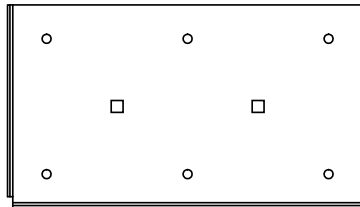
Saddle Clip Details



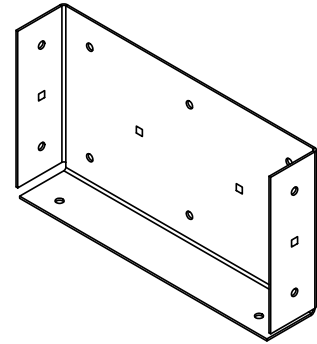
362 MEMBER



600 MEMBER



800 MEMBER



SADDLE CLIP

Kwik-Jamb vs. Traditional Box Jamb

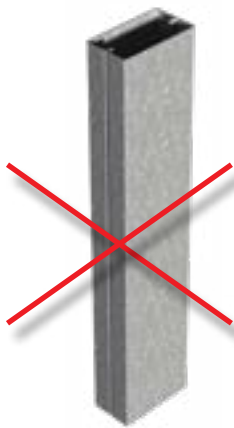
Kwik-Jamb Stud



SCAFCO's Kwik-Jamb stud replaces the back-to-back studs and Box Jamb assemblies.



Traditional Box Jamb



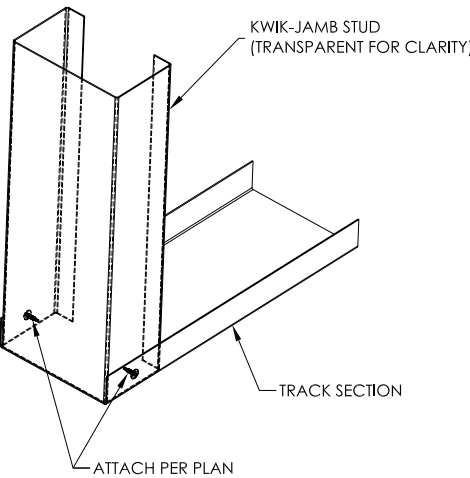
Kwik-Jamb Substitution Table

3 5/8"	Typical Boxed Configuration	2-362S125-43 (Boxed)	2-362S125-54 (Boxed)	2-362S162-54 (Boxed)	2-362S162-68 (Boxed)	2-362S162-97 (Boxed)
	Kwik-Jamb Replacement	362KJS238-54	362KJS338-54	362KJS338-68	362KJS338-97	362KJS338-127
6"	Typical Boxed Configuration	2-600S125-43 (Boxed)	2-600S162-43 (Boxed)	2-600S162-54 (Boxed)	2-600S162-68 (Boxed)	2-600S162-97 (Boxed)
	Kwik-Jamb Replacement	600KJS238-54	600KJS338-68	600KJS338-97	600KJS338-97	600KJS338-127

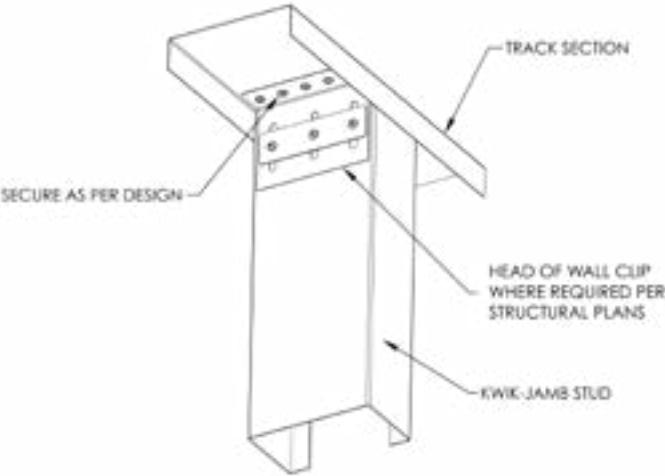
- 1. Example: If plans call out for 2-362S125-43 Box Jamb, you can substitute 362KJS238-54 member.
- 2. Substitutions based on meeting or exceeding the vertical and lateral flexural strength and stiffness of the boxed members.

Connection Detail

Stud to Track Connection



Head of Wall Connection



Priceless Kwik-Jamb - Section Properties

Part No.	Design Thickness (in)	Fy (ksi)	Gross Properties							Effective Properties							Torsional Properties						β	Lu (in)
			Area (in²)	Weight (lb/ft)	Ix (in⁴)	Sx (in³)	Rx (in)	Iyy (in⁴)	Ry (in)	Ixe (in⁴)	Sxe (in³)	Mal (in-k)	Mad (in-k)	Kφc (in-lb/in)	Vag (lb)	VaNet (lb)	Jx1000 (in⁴)	Cw (in⁶)	Xo (in)	m (in)	Ro (in)			
350KJS238-43EQS	0.0400	57	0.367	1.25	0.778	0.444	1.455	0.300	0.905	0.744	0.307	10.47	10.77	0.00	1741	714	0.196	0.917	-2.107	1.226	2.716	0.398	46.8	
350KJS238-54	0.0566	57	0.514	1.75	1.076	0.615	1.447	0.413	0.896	1.071	0.468	15.99	17.1	0.00	3600	1011	0.549	1.250	-2.087	1.215	2.693	0.400	46.8	
350KJS338-54	0.0566	57	0.670	2.28	1.449	0.828	1.471	1.123	1.295	1.354	0.598	20.43	22.06	0.00	3600	1011	0.715	4.742	-3.347	1.898	3.879	0.255	72.1	
350KJS338-68	0.0713	57	0.836	2.84	1.791	1.023	1.464	1.384	1.287	1.767	0.817	27.88	29.66	0.00	4791	1023	1.416	5.820	-3.329	1.889	3.858	0.255	72.3	
350KJS338-97	0.1017	57	1.169	3.98	2.452	1.401	1.448	1.885	1.270	2.452	1.215	41.45	45.76	0.00	6503	883	4.030	7.862	-3.291	1.868	3.814	0.255	72.9	
350KJS338-127	0.1337	57	1.505	5.12	3.084	1.762	1.431	2.355	1.251	3.084	1.690	57.68	60.14	0.00	8092	746	8.967	9.755	-3.252	1.847	3.767	0.255	73.9	
362KJS238-43EQS	0.0400	57	0.372	1.27	0.842	0.464	1.504	0.304	0.904	0.806	0.319	10.88	11.18	0.00	1677	736	0.198	0.979	-2.087	1.217	2.726	0.414	46.7	
362KJS238-54	0.0566	57	0.521	1.77	1.165	0.643	1.495	0.418	0.896	1.160	0.488	16.65	17.77	0.00	3600	1085	0.556	1.335	-2.066	1.206	2.703	0.416	46.6	
362KJS338-54	0.0566	57	0.677	2.30	1.568	0.865	1.523	1.138	1.297	1.467	0.624	21.29	22.91	0.00	3600	1085	0.723	4.999	-3.323	1.890	3.879	0.266	71.7	
362KJS338-68	0.0713	57	0.845	2.87	1.939	1.070	1.515	1.403	1.289	1.913	0.853	29.10	30.83	0.00	4981	1144	1.431	6.137	-3.305	1.880	3.857	0.266	71.8	
362KJS338-97	0.1017	57	1.182	4.02	2.656	1.466	1.499	1.910	1.271	2.656	1.271	43.38	47.65	0.00	6775	997	4.074	8.297	-3.267	1.860	3.813	0.266	72.4	
362KJS338-127	0.1337	57	1.522	5.18	3.344	1.845	1.482	2.387	1.253	3.344	1.769	60.39	62.97	0.00	8449	852	9.067	10.302	-3.227	1.838	3.766	0.266	73.3	
400KJS238-43EQS	0.0400	57	0.387	1.32	1.051	0.526	1.648	0.315	0.902	1.010	0.355	12.13	12.42	0.00	1510	794	0.206	1.182	-2.028	1.192	2.765	0.462	46.4	
400KJS238-54	0.0566	57	0.542	1.84	1.457	0.729	1.639	0.433	0.894	1.451	0.546	18.63	19.8	0.00	3600	1306	0.579	1.615	-2.008	1.181	2.742	0.464	46.3	
400KJS338-54	0.0566	57	0.698	2.37	1.957	0.979	1.675	1.180	1.301	1.837	0.699	23.87	25.46	0.00	3600	1306	0.745	5.829	-3.253	1.863	3.883	0.298	70.6	
400KJS338-68	0.0713	57	0.871	2.96	2.422	1.211	1.667	1.455	1.292	2.393	0.959	32.75	34.35	0.00	5553	1546	1.476	7.163	-3.234	1.853	3.861	0.298	70.7	
400KJS338-97	0.1017	57	1.220	4.15	3.326	1.663	1.651	1.983	1.275	3.326	1.444	49.28	53.35	0.00	7590	1376	4.205	9.703	-3.196	1.832	3.817	0.299	71.1	
400KJS338-127	0.1337	57	1.572	5.35	4.197	2.098	1.634	2.481	1.256	4.197	2.012	68.68	71.62	0.00	9521	1208	9.366	12.074	-3.156	1.811	3.769	0.299	71.8	
550KJS238-43EQS	0.0400	57	0.447	1.52	2.173	0.790	2.204	0.351	0.887	2.074	0.589	20.09	17.43	92.60	1080	943	0.238	2.254	-1.828	1.105	2.998	0.628	45.6	
550KJS238-54	0.0566	57	0.627	2.13	3.021	1.099	2.195	0.483	0.878	2.976	0.914	31.19	28.09	208.50	3093	1881	0.670	3.091	-1.808	1.094	2.976	0.631	45.4	
550KJS338-54	0.0566	57	0.783	2.66	4.019	1.462	2.266	1.327	1.302	3.751	1.145	39.09	35.83	151.30	3093	1881	0.836	10.112	-2.996	1.757	3.976	0.432	68.1	
550KJS338-68	0.0713	57	0.978	3.33	4.986	1.813	2.258	1.637	1.294	4.904	1.517	51.79	48.7	223.30	5713	2703	1.658	12.462	-2.977	1.747	3.954	0.433	68.1	
550KJS338-97	0.1017	57	1.372	4.67	6.888	2.505	2.240	2.235	1.276	6.888	2.214	75.56	76.76	0.00	10850	3449	4.731	16.984	-2.939	1.727	3.910	0.435	68.1	
550KJS338-127	0.1337	57	1.772	6.03	8.748	3.181	2.222	2.803	1.258	8.748	3.070	104.80	106.85	0.00	13807	3186	10.561	21.272	-2.898	1.706	3.862	0.437	68.3	
600KJS238-43EQS	0.0400	57	0.467	1.59	2.655	0.885	2.384	0.361	0.880	2.545	0.641	21.88	19.1	79.80	987	976	0.249	2.709	-1.771	1.079	3.098	0.673	45.4	
600KJS238-54	0.0566	57	0.655	2.23	3.694	1.231	2.374	0.497	0.871	3.634	1.029	35.14	30.89	244.60	2823	1947	0.700	3.719	-1.752	1.068	3.076	0.676	45.2	
600KJS338-54	0.0566	57	0.811	2.76	4.898	1.633	2.457	1.369	1.299	4.577	1.286	43.90	39.34	180.70	2823	1947	0.866	11.904	-2.920	1.724	4.031	0.475	67.6	
600KJS338-68	0.0713	57	1.014	3.45	6.080	2.027	2.449	1.689	1.291	5.980	1.701	58.07	53.57	276.00	5713	3074	1.718	14.682	-2.901	1.714	4.010	0.477	67.6	
600KJS338-97	0.1017	57	1.423	4.84	8.410	2.803	2.431	2.307	1.273	8.410	2.480	84.64	84.76	0.00	11622	4224	4.907	20.038	-2.863	1.694	3.966	0.479	67.5	
600KJS338-127	0.1337	57	1.839	6.26	10.697	3.566	2.412	2.895	1.255	10.697	3.439	117.38	118.45	0.00	15236	4043	10.959	25.137	-2.822	1.673	3.919	0.481	67.6	
800KJS238-43EQS	0.0400	57	0.547	1.86	5.193	1.298	3.081	0.394	0.849	5.047	0.852	29.08	25.71	52.50	733	733	0.292	5.059	-1.579	0.988	3.564	0.804	44.8	
800KJS238-54	0.0566	57	0.769	2.62	7.242	1.811	3.070	0.542	0.840	7.169	1.427	48.69	42.03	211.30	2091	2091	0.821	6.960	-1.561	0.978	3.544	0.806	44.5	
800KJS338-54	0.0566	57	0.924	3.14	9.460	2.365	3.199	1.511	1.278	8.959	1.756	59.94	53.52	137.60	2091	2091	0.987	21.059	-2.656	1.606	4.350	0.627	66.3	
800KJS338-68	0.0713	57	1.156	3.94	11.766	2.941	3.190	1.865	1.270	11.577	2.501	85.35	73.34	432.60	4221	3367	1.960	26.026	-2.637	1.597	4.329	0.629	66.2	
800KJS338-97	0.1017	57	1.627	5.53	16.341	4.085	3.170	2.551	1.252	16.341	3.633	124.01	117.52	439.40	11622	6340	5.608	35.674	-2.600	1.577	4.286	0.632	65.9	
800KJS338-127	0.1337	57	2.107	7.17	20.876	5.219	3.148	3.203	1.233	20.876	5.028	171.62	166.38	663.00	20087	8112	12.552	44.960	-2.560	1.557	4.241	0.636	65.8	
1000KJS338-54	0.0566	57	1.037	3.53	15.870	3.174	3.911	1.622	1.250	15.211	2.191	74.77	67.7	92.80	1661	1661	1.108	33.638	-2.441	1.506	4.777	0.739	65.5	
1000KJS338-68	0.0713	57	1.299	4.42	19.765	3.953	3.901	2.003	1.242	19.557	3.194	109.03	93.26	350.20	3345	3345	2.201	41.626	-2.423	1.497	4.757	0.740	65.3	
1000KJS338-97	0.1017	57	1.830	6.23	27.525	5.505	3.878	2.740	1.224	27.525	4.928	168.20	150.98	771.90	9864	7177	6.309	57.212	-2.387	1.478	4.715	0.744	65.0	
1000KJS338-127	0.1337	57	2.374	8.08	35.268	7.054	3.854	3.442	1.204	35.268	6.800	232.09	216.01	1319.30	20087	10894	14.146	72.308	-2.348	1.458	4.671	0.747	64.6	
1200KJS338-54¹	0.0566	57	1.151	3.92	24.356	4.059	4.601	1.711	1.219	23.101	2.626	89.64	81.5	72.90	1377	1377	1.229	49.918	-2.262	1.419	5.270	0.816	64.8	
1200KJS338-68	0.0713	57	1.442	4.91	30.362	5.060	4.589	2.113	1.211	30.232	3.804	129.85	112.8	251.00	2771	2771	2.443	61.824	-2.245	1.410	5.250	0.817	64.5	
1200KJS338-97	0.1017	57	2.033	6.92	42.368	7.061	4.565	2.891	1.192	42.368	6.362	217.13	184.33	1071.50	8147	7411	7.010	85.124	-2.210	1.392	5.210	0.820	64.1	
1200KJS338-127	0.1337	57	2.641	8.99	54.408	9.068	4.539	3.632	1.173	54.408	8.752	298.72	266.19	1907.90	18773	12782	15.739	107.790	-2.173	1.372	5.167	0.823	63.7	

¹ Where noted, web-height to thickness ratio exceeds 200. Web stiffeners are required at all support points and concentrated loads.

² 33EQS effective properties calculated using the Direct Strength Method of AISI S100 Appendix 1.

General Notes for All Tables

1. The span tables are developed in accordance with the 2012 edition of North American Specification for the Design of Cold-Formed Steel Structural Members AISI S100-2012 design provisions.
2. Listed lateral loads > 5 psf represent calculated ASD Level designed wind pressure (1.0 W based on 2009 IBC or 0.6 W based on 2012 IBC). For deflection calculations, listed wind pressures > 5 psf have been reduced by 0.70 as allowed by IBC. The 5 psf interior pressure has not been reduced for deflection checks.
3. Two-way (header-sill) area distribution method used for span determination.
4. Jambes are assumed to be adequately braced at a maximum spacing of L_u , to develop full allowable moment. Wall studs are also assumed to be spaced at maximum 16" o.c. spacing. Heights are based on minimum deflection criteria and flexural strength.
5. Calculations are based upon the header being placed at an elevation of 7 ft in the wall system. The configurations are modeled as door openings. For window openings, the header member is adequate but the jamb member should be verified.
6. HDR Header span lengths may be limited due to manufacturing capabilities.
7. All listed allowable spans are only applicable to non-load-bearing framing applications.
8. Subscripts:
 - 1 Indicates Header span limited by clip capacity (Header member can be used for greater span with alternate connection).
 - 2 Indicates web stiffeners must be used to reach the full required height.

5 psf Lateral Load 8 psf Gravity Load

Note: 8 psf Gravity Load indicates 5/8" Gypsum Wallboard attached to both sides

Priceless Header Opening Widths

Header Profile	Wall Height 9 ft		Wall Height 12 ft		Wall Height 15 ft		Wall Height 18 ft	
	L/120	L/240	L/120	L/240	L/120	L/240	L/120	L/240
362HD300-33EQS	9'-8"	9'-8"	5'-8" ₁	5'-8" ₁	3'-9" ₁	3'-9" ₁	- ₁	- ₁
362HD300-43EQS	13'-7"	13'-6"	9'-10"	9'-10"	8'-1"	8'-1"	6'-6" ₁	6'-6" ₁
362HD350-54	19'-1"	16'-3"	13'-11"	12'-6"	11'-6"	10'-8"	10'-0"	9'-7"
362HD350-68	22'-0"	17'-10"	16'-1"	13'-3"	13'-3"	11'-7"	11'-7"	10'-5"
362HD350-97	25'-1"	19'-11"	19'-0"	15'-0"	15'-11"	12'-10"	13'-10"	11'-7"
362HDR200-33EQS	11'-7"	11'-0"	8'-1"	8'-1"	6'-7"	6'-7"	5'-8"	5'-8"
362HDR350-54	14'-0"	14'-0"	14'-0"	14'-0"	14'-0"	13'-9"	12'-7"	12'-4"
362HDR350-68	14'-0"	14'-0"	14'-0"	14'-0"	14'-0"	14'-0"	14'-0"	13'-5"
362HDR350-97	14'-0"	14'-0"	14'-0"	14'-0"	14'-0"	14'-0"	14'-0"	14'-0"
600HD300-33EQS	11'-3"	11'-3"	6'-7" ₁	6'-7" ₁	4'-6" ₁	4'-6" ₁	3'-5" ₁	3'-5" ₁
600HD300-43EQS	15'-7"	14'-2"	10'-10"	10'-5"	8'-9"	8'-9"	6'-10" ₁	6'-10" ₁
600HD350-54	22'-1"	18'-1"	15'-7"	13'-4"	12'-8"	11'-4"	11'-0"	10'-3"
600HD350-68	24'-8"	19'-7"	18'-1"	14'-5"	14'-9"	12'-4"	12'-9"	11'-1"
600HD350-97	27'-5"	21'-9"	20'-2"	16'-0"	17'-3"	13'-8"	15'-4"	12'-4"
600HDR200-33EQS	13'-9"	12'-2"	8'-10" ₁	8'-10" ₁	6'-5" ₁	6'-5" ₁	5'-1" ₁	5'-1" ₁
600HDR350-54	24'-0"	23'-11"	20'-6"	17'-7"	16'-9"	15'-1"	14'-6"	13'-6"
600HDR450-68	24'-0"	24'-0"	24'-0"	23'-1"	22'-8"	19'-9"	19'-8"	17'-9"
600HDR450-97	24'-0"	24'-0"	24'-0"	24'-0"	24'-0"	22'-2"	24'-0"	19'-11"
600HDR450-127	24'-0"	24'-0"	24'-0"	24'-0"	24'-0"	24'-0"	24'-0"	21'-8"

Priceless Kwik-Jamb Allowable Heights

Jamb Profile	Opening Width 3.5 ft		Opening Width 6 ft		Opening Width 9 ft		Opening Width 12 ft	
	L/120	L/240	L/120	L/240	L/120	L/240	L/120	L/240
362KJS238-43EQS	22'-0"	17'-5"	17'-5"	15'-1"	14'-8"	13'-6"	13'-0"	12'-6"
362KJS238-54	26'-2"	20'-0"	21'-4"	17'-3"	17'-10"	15'-3"	15'-8"	14'-0"
362KJS338-54	28'-9"	21'-10"	24'-7"	18'-10"	20'-5"	16'-8"	17'-11"	15'-3"
362KJS338-68	32'-0"	24'-3"	27'-9"	20'-11"	23'-7"	18'-5"	20'-8"	16'-9"
362KJS338-97	36'-5"	27'-7"	31'-9"	23'-10"	28'-0"	21'-0"	24'-9"	19'-0"
362KJS338-127	39'-11"	30'-3"	35'-0"	26'-3"	30'-10"	23'-1"	27'-11"	20'-10"
600KJS238-43EQS	33'-10"	27'-2"	26'-3" ₂	23'-6"	21'-6" ₂	20'-7"	18'-7" ₂	18'-7" ₂
600KJS238-54	41'-2"	31'-4"	33'-6"	27'-2"	27'-7"	23'-10"	23'-10"	21'-7"
600KJS338-54	45'-2"	34'-4"	38'-4"	29'-10"	31'-7"	26'-3"	27'-5"	23'-9"
600KJS338-68	50'-1"	38'-2"	43'-8"	33'-5"	36'-4"	29'-5"	31'-7"	26'-7"
600KJS338-97	57'-2"	43'-8"	51'-3"	38'-6"	43'-4"	34'-1"	38'-1"	30'-10"
600KJS338-127	62'-9"	48'-0"	56'-6"	42'-6"	49'-5"	37'-9"	43'-8"	34'-3"

15 psf Lateral Load 12 psf Gravity Load

Note: 12 psf Gravity Load (Example: EIFS or metal panel)

Priceless Header Opening Widths

Header Profile	Wall Height 9 ft		Wall Height 12 ft		Wall Height 15 ft		Wall Height 18 ft	
	L/240	L/360	L/240	L/360	L/240	L/360	L/240	L/360
600HD300-33EQS	4'-11" ₁	4'-11" ₁	3' 0" ₁	3' 0" ₁	- 1	- 1	- 1	- 1
600HD300-43EQS	9'-0" ₁	9'-0" ₁	5'-8" ₁	5'-8" ₁	4'-2" ₁	4'-2" ₁	3'-3" ₁	3'-3" ₁
600HD350-54	15'-2" ₁	13'-9" ₁	11'-3" ₁	10'-2" ₁	9'-2" ₁	8'-8" ₁	7'-1" ₁	7'-1" ₁
600HD350-68	17'-1" ₁	14'-11" ₁	12'-7" ₁	11'-0" ₁	10'-9" ₁	9'-4" ₁	9'-0" ₁	8'-5" ₁
600HD350-97	19'-0" ₁	16'-7" ₁	14'-0" ₁	12'-2" ₁	11'-9" ₁	10'-5" ₁	9'-0" ₁	9'-0" ₁
600HDR200-33EQS	5'-2" ₁	5'-2" ₁	3'-6" ₁	3'-6" ₁	- 1	- 1	- 1	- 1
600HDR350-54	16'-8" ₁	16'-8" ₁	11'-8" ₁	11'-8" ₁	8'-11" ₁	8'-11" ₁	7'-3" ₁	7'-3" ₁
600HDR450-68	23'-1" ₁	21'-8" ₁	15'-10" ₁	15'-10" ₁	12'-2" ₁	12'-2" ₁	9'-9" ₁	9'-9" ₁
600HDR450-97	24'-0" ₁	24'-0" ₁	22'-8" ₁	19'-9" ₁	17'-9" ₁	16'-11" ₁	14'-3" ₁	14'-3" ₁
600HDR450-127	24'-0" ₁	24'-0" ₁	23'-6" ₁	21'-6" ₁	17'-9" ₁	17'-9" ₁	14'-3" ₁	14'-3" ₁
800HD300-43EQS	11'-10" ₁	11'-2" ₁	7'-10" ₁	7'-10" ₁	5'-7" ₁	5'-7" ₁	4'-5" ₁	4'-5" ₁
800HD350-54	16'-0" ₁	14'-3" ₁	10'-0" ₁	10'-0" ₁	7'-3" ₁	7'-3" ₁	5'-8" ₁	5'-8" ₁
800HD350-68	17'-8" ₁	15'-5" ₁	13'-0" ₁	11'-3" ₁	9'-7" ₁	9'-7" ₁	7'-6" ₁	7'-6" ₁
800HD350-97	19'-8" ₁	17'-2" ₁	13'-3" ₁	12'-7" ₁	9'-7" ₁	9'-7" ₁	7'-6" ₁	7'-6" ₁
800HDR250-43EQS	9' 7" ₁	9' 7" ₁	6'-7" ₁	6'-7" ₁	5'-0" ₁	5'-0" ₁	4'-0" ₁	4'-0" ₁
800HDR350-54	15'-5" ₁	15'-5" ₁	10'-8" ₁	10'-8" ₁	8'-2" ₁	8'-2" ₁	6'-7" ₁	6'-7" ₁
800HDR450-68	24'-0" ₁	24'-0" ₁	19'-3" ₁	18'-5" ₁	14'-8" ₁	14'-8" ₁	11'-11" ₁	11'-11" ₁
800HDR450-97	24'-0" ₁	24'-0" ₁	18'-11" ₁	18'-11" ₁	14'-4" ₁	14'-4" ₁	11'-6" ₁	11'-6" ₁
800HDR450-127	24'-0" ₁	24'-0" ₁	18'-11" ₁	18'-11" ₁	14'-4" ₁	14'-4" ₁	11'-6" ₁	11'-6" ₁

Priceless Kwik-Jamb Allowable Heights

Jamb Profile	Opening Width 3.5 ft		Opening Width 6 ft		Opening Width 9 ft		Opening Width 12 ft	
	L/240	L/360	L/240	L/360	L/240	L/360	L/240	L/360
600KJS238-43EQS	19'-10" ₂	17'-5" ₂	15'-6" ₂	15'-1" ₂	13'-0" ₂	13'-0" ₂	11'-8" ₂	11'-8" ₂
600KJS238-54	23'-4" ₂	19'-11" ₂	20'-1" ₂	17'-2" ₂	16'-6" ₂	15'-3" ₂	14'-5" ₂	14'-0" ₂
600KJS338-54	25'-7" ₂	21'-9" ₂	22'-1" ₂	18'-9" ₂	19'-0" ₂	16'-7" ₂	16'-4" ₂	15'-2" ₂
600KJS338-68	28'-5" ₂	24'-2" ₂	24'-7" ₂	20'-10" ₂	21'-7" ₂	18'-4" ₂	19'-3" ₂	16'-9" ₂
600KJS338-97	32'-6" ₂	27'-8" ₂	28'-3" ₂	23'-11" ₂	24'-10" ₂	21'-0" ₂	22'-6" ₂	19'-1" ₂
600KJS338-127	35'-10" ₂	30'-5" ₂	31'-3" ₂	26'-5" ₂	27'-6" ₂	23'-2" ₂	24'-10" ₂	21'-0" ₂
800KJS238-43EQS	23'-11" ₂	22'-7" ₂	18'-2" ₂	18'-2" ₂	14'-11" ₂	14'-11" ₂	13'-1" ₂	13'-1" ₂
800KJS238-54	30'-6" ₂	26'-0" ₂	25'-2" ₂	22'-5" ₂	20'-1" ₂	19'-9" ₂	17'-2" ₂	17'-2" ₂
800KJS338-54	33'-4" ₂	28'-5" ₂	29'-0" ₂	24'-7" ₂	23'-2" ₂	21'-7" ₂	19'-8" ₂	19'-7" ₂
800KJS338-68	36'-11" ₂	31'-5" ₂	32'-3" ₂	27'-3" ₂	28'-5" ₂	24'-0" ₂	24'-8" ₂	21'-8" ₂
800KJS338-97	42'-4" ₂	36'-1" ₂	37'-3" ₂	31'-5" ₂	32'-11" ₂	27'-8" ₂	29'-10" ₂	25'-1" ₂
800KJS338-127	46'-8" ₂	39'-9" ₂	41'-3" ₂	34'-10" ₂	36'-7" ₂	30'-9" ₂	33'-2" ₂	27'-10" ₂

15 psf Lateral Load 18 psf Gravity Load

Note: 18 psf Gravity Load (Example: Stucco or plaster)

Priceless Header Opening Widths

Header Profile	Wall Height 9 ft		Wall Height 12 ft		Wall Height 15 ft		Wall Height 18 ft	
	L/240	L/360	L/240	L/360	L/240	L/360	L/240	L/360
600HD300-33EQS	4'-5" ₁	4'-5" ₁	- ₁	- ₁	- ₁	- ₁	- ₁	- ₁
600HD300-43EQS	8'-2" ₁	8'-2" ₁	4'-10" ₁	4'-10" ₁	3'-5" ₁	3'-5" ₁	- ₁	- ₁
600HD350-54	13'-9"	12'-0"	9'-11"	8'-10"	7'-4" ₁	7'-4" ₁	5'-7" ₁	5'-7" ₁
600HD350-68	14'-11"	13'-1"	11'-0"	9'-7"	9'-1" ₁	8'-2"	6'-11" ₁	6'-11" ₁
600HD350-97	16'-7"	14'-6"	12'-2"	10'-8"	9'-1" ₁	9'-1"	6'-11" ₁	6'-11" ₁
600HDR200-33EQS	4'-11" ₁	4'-11" ₁	3'-2" ₁	3'-2" ₁	- ₁	- ₁	- ₁	- ₁
600HDR350-54	16'-0" ₁	15'-11"	10'-10" ₁	10'-10" ₁	8'-2" ₁	8'-2" ₁	6'-7" ₁	6'-7" ₁
600HDR450-68	21'-11" ₁	20'-11"	14'-6" ₁	14'-6" ₁	10'-10" ₁	10'-10" ₁	8'-8" ₁	8'-8" ₁
600HDR450-97	24' 0"	23'-5"	19'-9"	17'-3"	15'-8" ₁	14'-9"	12'-5" ₁	12'-5" ₁
600HDR450-127	24' 0"	24' 0"	21' 3" ₁	18'-9"	15'-8" ₁	15'-8" ₁	12'-5" ₁	12'-5" ₁
800HD300-43EQS	10'-6"	9'-9"	6'-6" ₁	6'-6" ₁	4'-7" ₁	4'-7" ₁	3'-6" ₁	3'-6" ₁
800HD350-54	14'-3"	12'-5"	8'-6" ₁	8'-6" ₁	6'-0" ₁	6'-0" ₁	4'-8" ₁	4'-8" ₁
800HD350-68	15'-5"	13'-1"	11'-1" ₁	9'-11"	7'-10" ₁	7'-10" ₁	6'-0" ₁	6'-0" ₁
800HD350-97	17'-2"	15'-0"	11'-1" ₁	11'-0"	7'-10" ₁	7'-10" ₁	6'-0" ₁	6'-0" ₁
800HDR250-43EQS	9'-1" ₁	9'-1" ₁	6'-0" ₁	6'-0" ₁	4'-5" ₁	4'-5" ₁	3'-6" ₁	3'-6" ₁
800HDR350-54	14'-9" ₁	14'-9" ₁	9'-10" ₁	9'-10" ₁	7'-5" ₁	7'-5" ₁	5'-11" ₁	5'-11" ₁
800HDR450-68	24' 0"	21'-10"	17'-10" ₁	16'-1"	13'-4" ₁	13'-4" ₁	10'-9" ₁	10'-9" ₁
800HDR450-97	24' 0"	24' 0"	17'-1" ₁	17'-1" ₁	12'-8" ₁	12'-8" ₁	10'-1" ₁	10'-1" ₁
800HDR450-127	24' 0"	24' 0"	17'-1" ₁	17'-1" ₁	12'-8" ₁	12'-8" ₁	10'-1" ₁	10'-1" ₁

Priceless Kwik-Jamb Allowable Heights

Jamb Profile	Opening Width 3.5 ft		Opening Width 6 ft		Opening Width 9 ft		Opening Width 12 ft	
	L/240	L/360	L/240	L/360	L/240	L/360	L/240	L/360
600KJS238-43EQS	19'-3" ₂	17'-5" ₂	15'-1" ₂	15'-1" ₂	12'-8" ₂	12'-8" ₂	11'-5" ₂	11'-5" ₂
600KJS238-54	23'-4"	19'-11"	19'-0"	17'-2"	15'-9" ₂	15'-3" ₂	13'-10" ₂	13'-10" ₂
600KJS338-54	25'-6"	21'-9"	21'-11" ₂	18'-9"	18'-5" ₂	16'-7" ₂	15'-11" ₂	15'-2" ₂
600KJS338-68	28'-5"	24'-2"	24'-7"	20'-10"	20'-11"	18'-4"	18'-7"	16'-9"
600KJS338-97	32'-6"	27'-8"	28'-3"	23'-11"	24'-10"	21'-0"	22'-4"	19'-1"
600KJS338-127	35'-10"	30'-5"	31'-2"	26'-5"	27'-6"	23'-2"	24'-10"	21'-0"
800KJS238-43EQS	22'-9" ₂	22'-7" ₂	17'-4" ₂	17'-4" ₂	14'-4" ₂	14'-4" ₂	12'-8" ₂	12'-8" ₂
800KJS238-54	30'-6" ₂	26'-0" ₂	23'-4" ₂	22'-5" ₂	18'-11" ₂	18'-11" ₂	16'-4" ₂	16'-4" ₂
800KJS338-54	33'-4" ₂	28'-5" ₂	26'-11" ₂	24'-7" ₂	21'-8" ₂	21'-7" ₂	18'-7" ₂	18'-7" ₂
800KJS338-68	36'-11"	31'-5"	32'-3" ₂	27'-3"	26'-7" ₂	24'-0" ₂	22'-10" ₂	21'-8" ₂
800KJS338-97	42'-4"	36'-1"	37'-3"	31'-5"	32'-11"	27'-8"	28'-5"	25'-1"
800KJS338-127	46'-8"	39'-9"	41'-3"	34'-10"	36'-7"	30'-9"	33'-2"	27'-10"

20 psf Lateral Load 12 psf Gravity Load

Note: 12 psf Gravity Load (Example: EIFS or metal panel)

Priceless Header Opening Widths

Header Profile	Wall Height 9 ft		Wall Height 12 ft		Wall Height 15 ft		Wall Height 18 ft	
	L/240	L/360	L/240	L/360	L/240	L/360	L/240	L/360
600HD300-33EQS	3'-11" ₁	3'-11" ₁	- ₁	- ₁	- ₁	- ₁	- ₁	- ₁
600HD300-43EQS	7'-2" ₁	7'-2" ₁	4'-8" ₁	4'-8" ₁	3'-5" ₁	3'-5" ₁	- ₁	- ₁
600HD350-54	13'-10" ₁	13'-9" ₁	10'-6" ₁	10'-2" ₁	7'-10" ₁	7'-10" ₁	6'-2" ₁	6'-2" ₁
600HD350-68	16'-1" ₁	14'-4" ₁	12'-3" ₁	11'-0" ₁	10'-3" ₁	9'-5" ₁	8'-0" ₁	8'-0" ₁
600HD350-97	19'-0" ₁	16'-7" ₁	14'-0" ₁	12'-2" ₁	10'-3" ₁	10'-3" ₁	8'-0" ₁	8'-0" ₁
600HDR200-33EQS	4'-0" ₁	4'-0" ₁	- ₁	- ₁	- ₁	- ₁	- ₁	- ₁
600HDR350-54	12'-9" ₁	12'-9" ₁	9'-1" ₁	9'-1" ₁	7'-0" ₁	7'-0" ₁	5'-8" ₁	5'-8" ₁
600HDR450-68	17'-9" ₁	17'-9" ₁	12'-5" ₁	12'-5" ₁	9'-7" ₁	9'-7" ₁	7'-9" ₁	7'-9" ₁
600HDR450-97	24' 0" ₁	22'-3" ₁	18'-6" ₁	18'-6" ₁	14'-2" ₁	14'-2" ₁	11'-6" ₁	11'-6" ₁
600HDR450-127	24' 0" ₁	24' 0" ₁	18'-6" ₁	18'-6" ₁	14'-2" ₁	14'-2" ₁	11'-6" ₁	11'-6" ₁
800HD300-43EQS	10'-2" ₁	10'-2" ₁	6'-6" ₁	6'-6" ₁	4'-9" ₁	4'-9" ₁	3'-9" ₁	3'-9" ₁
800HD350-54	12'-8" ₁	12'-8" ₁	8'-2" ₁	8'-2" ₁	6'-1" ₁	6'-1" ₁	4'-10" ₁	4'-10" ₁
800HD350-68	17'-3" ₁	15'-5" ₁	11'-0" ₁	11'-0" ₁	8'-1" ₁	8'-1" ₁	6'-4" ₁	6'-4" ₁
800HD350-97	19'-8" ₁	17'-2" ₁	11'-0" ₁	11'-0" ₁	8'-1" ₁	8'-1" ₁	6'-4" ₁	6'-4" ₁
800HDR250-43EQS	7'-5" ₁	7'-5" ₁	5'-2" ₁	5'-2" ₁	3'-11" ₁	3'-11" ₁	3'-2" ₁	3'-2" ₁
800HDR350-54	11'-10" ₁	11'-10" ₁	8'-5" ₁	8'-5" ₁	6'-5" ₁	6'-5" ₁	5'-3" ₁	5'-3" ₁
800HDR450-68	21' 4" ₁	21' 4" ₁	15'-0" ₁	15'-0" ₁	11'-8" ₁	11'-8" ₁	9'-5" ₁	9'-5" ₁
800HDR450-97	21' 9" ₁	21' 9" ₁	15'-0" ₁	15'-0" ₁	11'-5" ₁	11'-5" ₁	9'-3" ₁	9'-3" ₁
800HDR450-127	21' 9" ₁	21' 9" ₁	15'-0" ₁	15'-0" ₁	11'-5" ₁	11'-5" ₁	9'-3" ₁	9'-3" ₁

Priceless Kwik-Jamb Allowable Heights

Jamb Profile	Opening Width 3.5 ft		Opening Width 6 ft		Opening Width 9 ft		Opening Width 12 ft	
	L/240	L/360	L/240	L/360	L/240	L/360	L/240	L/360
600KJS238-43EQS	17'-0" ₂	15'-8" ₂	13'-6" ₂	13'-6" ₂	11'-7" ₂	11'-7" ₂	10'-7" ₂	10'-7" ₂
600KJS238-54	20'-10" ₂	17'-10" ₂	17'-5" ₂	15'-6" ₂	14'-5" ₂	13'-10" ₂	12'-9" ₂	12'-9" ₂
600KJS338-54	22'-10" ₂	19'-6" ₂	19'-8" ₂	16'-10" ₂	16'-4" ₂	14'-11" ₂	14'-3" ₂	13'-9" ₂
600KJS338-68	25'-4" ₂	21'-7" ₂	21'-10" ₂	18'-8" ₂	19'-3" ₂	16'-6" ₂	16'-7" ₂	15'-1" ₂
600KJS338-97	29'-0" ₂	24'-8" ₂	25'-1" ₂	21'-4" ₂	22'-1" ₂	18'-9" ₂	20'-0" ₂	17'-1" ₂
600KJS338-127	31'-11" ₂	27'-2" ₂	27'-9" ₂	23'-6" ₂	24'-4" ₂	20'-7" ₂	22'-1" ₂	18'-9" ₂
800KJS238-43EQS	20'-2" ₂	20'-2" ₂	15'-7" ₂	15'-7" ₂	13'-1" ₂	13'-1" ₂	11'-8" ₂	11'-8" ₂
800KJS238-54	27'-3" ₂	23'-2" ₂	21'-4" ₂	20'-0" ₂	17'-2" ₂	17'-2" ₂	14'-10" ₂	14'-10" ₂
800KJS338-54	29'-9" ₂	25'-4" ₂	24'-8" ₂	21'-10" ₂	19'-7" ₂	19'-3" ₂	16'-10" ₂	16'-10" ₂
800KJS338-68	32'-11" ₂	28'-0" ₂	28'-8" ₂	24'-3" ₂	24'-9" ₂	21'-4" ₂	20'-10" ₂	19'-4" ₂
800KJS338-97	37'-10" ₂	32'-2" ₂	33'-1" ₂	27'-11" ₂	29'-1" ₂	24'-6" ₂	26'-4" ₂	22'-3" ₂
800KJS338-127	41'-8" ₂	35'-5" ₂	36'-7" ₂	30'-11" ₂	32'-4" ₂	27'-2" ₂	29'-3" ₂	24'-7" ₂

20 psf Lateral Load 18 psf Gravity Load

Note: 18 psf Gravity Load (Example: Stucco or plaster)

Priceless Header Opening Widths

Header Profile	Wall Height 9 ft		Wall Height 12 ft		Wall Height 15 ft		Wall Height 18 ft	
	L/240	L/360	L/240	L/360	L/240	L/360	L/240	L/360
600HD300-33EQS	3'-7" ₁	3'-7" ₁	- ₁	- ₁	- ₁	- ₁	- ₁	- ₁
600HD300-43EQS	6'-7" ₁	6'-7" ₁	4'-1" ₁	4'-1" ₁	3'-0" ₁	3'-0" ₁	- ₁	- ₁
600HD350-54	12'-9" ₁	12'-0" ₁	9'-2" ₁	8'-10" ₁	6'-5" ₁	6'-5" ₁	5'-0" ₁	5'-0" ₁
600HD350-68	14'-10" ₁	13'-1" ₁	10'-11" ₁	9'-7" ₁	8'-2" ₁	8'-2" ₁	6'-3" ₁	6'-3" ₁
600HD350-97	16'-7" ₁	14'-6" ₁	11'-9" ₁	10'-8" ₁	8'-2" ₁	8'-2" ₁	6'-3" ₁	6'-3" ₁
600HDR200-33EQS	3'-10" ₁	3'-10" ₁	- ₁	- ₁	- ₁	- ₁	- ₁	- ₁
600HDR350-54	12'-4" ₁	12'-4" ₁	8'-7" ₁	8'-7" ₁	6'-6" ₁	6'-6" ₁	5'-3" ₁	5'-3" ₁
600HDR450-68	17'-2" ₁	17'-2" ₁	11'-8" ₁	11'-8" ₁	8'-9" ₁	8'-9" ₁	7'-1" ₁	7'-1" ₁
600HDR450-97	24' 0" ₁	22'-3" ₁	17'-2" ₁	17'-2" ₁	12'-10" ₁	12'-10" ₁	10'-3" ₁	10'-3" ₁
600HDR450-127	24' 0" ₁	24' 0" ₁	17'-2" ₁	17'-2" ₁	12'-10" ₁	12'-10" ₁	10'-3" ₁	10'-3" ₁
800HD300-43EQS	9'-4" ₁	9'-4" ₁	5'-7" ₁	5'-7" ₁	4'-0" ₁	4'-0" ₁	3'-1" ₁	3'-1" ₁
800HD350-54	11'-8" ₁	11'-8" ₁	7'-2" ₁	7'-2" ₁	5'-2" ₁	5'-2" ₁	4'-0" ₁	4'-0" ₁
800HD350-68	15'-5" ₁	13'-6" ₁	9'-6" ₁	9'-6" ₁	6'-9" ₁	6'-9" ₁	5'-3" ₁	5'-3" ₁
800HD350-97	15'-8" ₁	15'-0" ₁	9'-6" ₁	9'-6" ₁	6'-9" ₁	6'-9" ₁	5'-3" ₁	5'-3" ₁
800HDR250-43EQS	7'-1" ₁	7'-1" ₁	4'-10" ₁	4'-10" ₁	3'-7" ₁	3'-7" ₁	- ₁	- ₁
800HDR350-54	11'-5" ₁	11'-5" ₁	7'-10" ₁	7'-10" ₁	5'-11" ₁	5'-11" ₁	4'-10" ₁	4'-10" ₁
800HDR450-68	20' 6" ₁	20' 6" ₁	14'-2" ₁	14'-2" ₁	10'-9" ₁	10'-9" ₁	8'-8" ₁	8'-8" ₁
800HDR450-97	20' 8" ₁	20' 8" ₁	13'-10" ₁	13'-10" ₁	10'-5" ₁	10'-5" ₁	8'-4" ₁	8'-4" ₁
800HDR450-127	20' 8" ₁	20' 8" ₁	13'-10" ₁	13'-10" ₁	10'-5" ₁	10'-5" ₁	8'-4" ₁	8'-4" ₁

Priceless Kwik-Jamb Allowable Heights

Jamb Profile	Opening Width 3.5 ft		Opening Width 6 ft		Opening Width 9 ft		Opening Width 12 ft	
	L/240	L/360	L/240	L/360	L/240	L/360	L/240	L/360
600KJS238-43EQS	16'-7" ₂	15'-8" ₂	13'-4" ₂	13'-4" ₂	11'-5" ₂	11'-5" ₂	10'-5" ₂	10'-5" ₂
600KJS238-54	20'-10" ₂	17'-10" ₂	17'-0" ₂	15'-6" ₂	14'-1" ₂	13'-10" ₂	12'-6" ₂	12'-6" ₂
600KJS338-54	22'-10" ₂	19'-6" ₂	19'-7" ₂	16'-10" ₂	16'-0" ₂	14'-11" ₂	14'-0" ₂	13'-9" ₂
600KJS338-68	25'-4" ₂	21'-7" ₂	21'-10" ₂	18'-8" ₂	18'-10" ₂	16'-6" ₂	16'-3" ₂	15'-1" ₂
600KJS338-97	29'-0" ₂	24'-8" ₂	25'-1" ₂	21'-4" ₂	22'-1" ₂	18'-9" ₂	20'-0" ₂	17'-1" ₂
600KJS338-127	31'-11" ₂	27'-2" ₂	27'-9" ₂	23'-6" ₂	24'-4" ₂	20'-7" ₂	22'-1" ₂	18'-9" ₂
800KJS238-43EQS	19'-8" ₂	19'-8" ₂	15'-3" ₂	15'-3" ₂	12'-10" ₂	12'-10" ₂	11'-6" ₂	11'-6" ₂
800KJS238-54	27'-3" ₂	24'-2" ₂	20'-8" ₂	20'-1" ₂	16'-8" ₂	16'-8" ₂	14'-6" ₂	14'-6" ₂
800KJS338-54	29'-9" ₂	25'-4" ₂	23'-11" ₂	21'-10" ₂	19'-2" ₂	19'-2" ₂	16'-5" ₂	16'-5" ₂
800KJS338-68	32'-11" ₂	28'-0" ₂	28'-7" ₂	24'-3" ₂	24'-0" ₂	21'-4" ₂	20'-4" ₂	19'-4" ₂
800KJS338-97	37'-10" ₂	32'-2" ₂	33'-1" ₂	27'-11" ₂	29'-1" ₂	24'-6" ₂	25'-11" ₂	22'-3" ₂
800KJS338-127	41'-8" ₂	35'-5" ₂	36'-7" ₂	30'-11" ₂	32'-4" ₂	27'-2" ₂	29'-3" ₂	24'-7" ₂

25 psf Lateral Load 12 psf Gravity Load

Note: 12 psf Gravity Load (Example: EIFS or metal panel)

Priceless Header Opening Widths

Header Profile	Wall Height 9 ft		Wall Height 12 ft		Wall Height 15 ft		Wall Height 18 ft	
	L/240	L/360	L/240	L/360	L/240	L/360	L/240	L/360
600HD300-33EQS	3'-4" ₁	3'-4" ₁	- 1	- 1	- 1	- 1	- 1	- 1
600HD300-43EQS	5'-11" ₁	5'-11" ₁	3'-11" ₁	3'-11" ₁	- 1	- 1	- 1	- 1
600HD350-54	12'-10" ₁	12'-10" ₁	9'-5" ₁	9'-5" ₁	7'-2" ₁	7'-2" ₁	5'-5" ₁	5'-5" ₁
600HD350-68	14'-11" ₁	14'-11" ₁	12'-5" ₁	11'-0" ₁	9'-1" ₁	9'-1" ₁	7'-2" ₁	7'-2" ₁
600HD350-97	18'-6" ₁	16'-7" ₁	12'-8" ₁	12'-2" ₁	9'-1" ₁	9'-1" ₁	7'-2" ₁	7'-2" ₁
600HDR200-33EQS	3'-3" ₁	3'-3" ₁	- 1	- 1	- 1	- 1	- 1	- 1
600HDR350-54	10'-4" ₁	10'-4" ₁	7'-5" ₁	7'-5" ₁	5'-9" ₁	5'-9" ₁	4'-9" ₁	4'-9" ₁
600HDR450-68	14'-5" ₁	14'-5" ₁	10'-3" ₁	10'-3" ₁	7'-11" ₁	7'-11" ₁	6'-5" ₁	6'-5" ₁
600HDR450-97	22'-0" ₁	22'-0" ₁	15'-4" ₁	15'-4" ₁	11'-10" ₁	11'-10" ₁	9'-7" ₁	9'-7" ₁
600HDR450-127	22'-0" ₁	22'-0" ₁	15'-4" ₁	15'-4" ₁	11'-10" ₁	11'-10" ₁	9'-7" ₁	9'-7" ₁
800HD300-43EQS	8'-6" ₁	8'-6" ₁	5'-7" ₁	5'-7" ₁	4'-1" ₁	4'-1" ₁	3'-3" ₁	3'-3" ₁
800HD350-54	10'-6" ₁	10'-6" ₁	7'-0" ₁	7'-0" ₁	5'-2" ₁	5'-2" ₁	4'-2" ₁	4'-2" ₁
800HD350-68	14'-5" ₁	14'-5" ₁	9'-5" ₁	9'-5" ₁	7'-0" ₁	7'-0" ₁	5'-7" ₁	5'-7" ₁
800HD350-97	14'-5" ₁	14'-5" ₁	9'-5" ₁	9'-5" ₁	7'-0" ₁	7'-0" ₁	5'-7" ₁	5'-7" ₁
800HDR250-43EQS	6'-0" ₁	6'-0" ₁	4'-3" ₁	4'-3" ₁	3'-3" ₁	3'-3" ₁	- 1	- 1
800HDR350-54	9'-7" ₁	9'-7" ₁	6'-10" ₁	6'-10" ₁	5'-4" ₁	5'-4" ₁	4'-4" ₁	4'-4" ₁
800HDR450-68	17'-3" ₁	17'-3" ₁	12'-4" ₁	12'-4" ₁	9'-7" ₁	9'-7" ₁	7'-10" ₁	7'-10" ₁
800HDR450-97	17' 8" ₁	17' 8" ₁	12'-5" ₁	12'-5" ₁	9'-7" ₁	9'-7" ₁	7'-9" ₁	7'-9" ₁
800HDR450-127	17' 8" ₁	17' 8" ₁	12'-5" ₁	12'-5" ₁	9'-7" ₁	9'-7" ₁	7'-9" ₁	7'-9" ₁

Priceless Kwik-Jamb Allowable Heights

Jamb Profile	Opening Width 3.5 ft		Opening Width 6 ft		Opening Width 9 ft		Opening Width 12 ft	
	L/240	L/360	L/240	L/360	L/240	L/360	L/240	L/360
600KJS238-43EQS	15'-1" ₂	14'-6" ₂	12'-4" ₂	12'-4" ₂	10'-9" ₂	10'-9" ₂	9'-11" ₂	9'-11" ₂
600KJS238-54	19'-2" ₂	16'-5" ₂	15'-6" ₂	14'-4" ₂	13'-0" ₂	12'-10" ₂	11'-8" ₂	11'-8" ₂
600KJS338-54	20'-11" ₂	17'-11" ₂	17'-8" ₂	15'-6" ₂	14'-7" ₂	13'-10" ₂	12'-10" ₂	12'-10" ₂
600KJS338-68	23'-2" ₂	19'-10" ₂	20'-0" ₂	17'-1" ₂	17'-0" ₂	15'-2" ₂	14'-10" ₂	13'-11" ₂
600KJS338-97	26'-7" ₂	22'-7" ₂	22'-11" ₂	19'-6" ₂	20'-2" ₂	17'-2" ₂	18'-3" ₂	15'-8" ₂
600KJS338-127	29'-3" ₂	24'-10" ₂	25'-3" ₂	21'-5" ₂	22'-3" ₂	18'-10" ₂	20'-2" ₂	17'-2" ₂
800KJS238-43EQS	17'-9" ₂	17'-9" ₂	14'-0" ₂	14'-0" ₂	11'-11" ₂	11'-11" ₂	10'-10" ₂	10'-10" ₂
800KJS238-54	24'-7" ₂	21'-3" ₂	18'-8" ₂	18'-4" ₂	15'-3" ₂	15'-3" ₂	13'-5" ₂	13'-5" ₂
800KJS338-54	27'-3" ₂	23'-2" ₂	21'-6" ₂	20'-0" ₂	17'-3" ₂	17'-3" ₂	15'-0" ₂	15'-0" ₂
800KJS338-68	30'-2" ₂	25'-8" ₂	26'-1" ₂	22'-2" ₂	21'-7" ₂	19'-6" ₂	18'-4" ₂	17'-8" ₂
800KJS338-97	34'-7" ₂	29'-5" ₂	30'-1" ₂	25'-6" ₂	26'-6" ₂	22'-4" ₂	23'-4" ₂	20'-3" ₂
800KJS338-127	38'-1" ₂	32'-5" ₂	33'-4" ₂	28'-2" ₂	29'-5" ₂	24'-9" ₂	26'-7" ₂	22'-5" ₂

25 psf Lateral Load 18 psf Gravity Load

Note: 18 psf Gravity Load (Example: Stucco or plaster)

Priceless Header Opening Widths

Header Profile	Wall Height 9 ft		Wall Height 12 ft		Wall Height 15 ft		Wall Height 18 ft	
	L/240	L/360	L/240	L/360	L/240	L/360	L/240	L/360
600HD300-33EQS	3'-1" ₁	3'-1" ₁	- 1	- 1	- 1	- 1	- 1	- 1
600HD300-43EQS	5'-7" ₁	5'-7" ₁	3'-6" ₁	3'-6" ₁	- 1	- 1	- 1	- 1
600HD350-54	12'-0"	12'-0"	8'-1" ₁	8'-1" ₁	5'-9" ₁	5'-9" ₁	4'-6" ₁	4'-6" ₁
600HD350-68	13'-11"	13'-1"	10'-5"	9'-7"	7'-5" ₁	7'-5" ₁	5'-9" ₁	5'-9" ₁
600HD350-97	16'-7"	14'-6"	10'-7" ₁	10'-7" ₁	7'-5" ₁	7'-5" ₁	5'-9" ₁	5'-9" ₁
600HDR200-33EQS	3'-2" ₁	3'-2" ₁	- 1	- 1	- 1	- 1	- 1	- 1
600HDR350-54	10'-1" ₁	10'-1" ₁	7'-1" ₁	7'-1" ₁	5'-5" ₁	5'-5" ₁	4'-5" ₁	4'-5" ₁
600HDR450-68	14'-0"	14'-0" ₁	9'-8" ₁	9'-8" ₁	7'-4" ₁	7'-4" ₁	6'-0" ₁	6'-0" ₁
600HDR450-97	21'-1" ₁	21'-1" ₁	14'-4" ₁	14'-4" ₁	10'-11" ₁	10'-11" ₁	8'-9" ₁	8'-9" ₁
600HDR450-127	21'-1" ₁	21'-1" ₁	14'-4" ₁	14'-4" ₁	10'-11" ₁	10'-11" ₁	8'-9" ₁	8'-9" ₁
800HD300-43EQS	7'-10" ₁	7'-10" ₁	4'-10" ₁	4'-10" ₁	3'-6" ₁	3'-6" ₁	- 1	- 1
800HD350-54	9'-10" ₁	9'-10" ₁	6'-2" ₁	6'-2" ₁	4'-6" ₁	4'-6" ₁	3'-7" ₁	3'-7" ₁
800HD350-68	13'-3" ₁	13'-3" ₁	8'-3" ₁	8'-3" ₁	6'-0" ₁	6'-0" ₁	4'-8" ₁	4'-8" ₁
800HD350-97	13'-3" ₁	13'-3" ₁	8'-3" ₁	8'-3" ₁	6'-0" ₁	6'-0" ₁	4'-8" ₁	4'-8" ₁
800HDR250-43EQS	5'-10" ₁	5'-10" ₁	4'-0" ₁	4'-0" ₁	3'-0" ₁	3'-0" ₁	- 1	- 1
800HDR350-54	9'-4" ₁	9'-4" ₁	6'-6" ₁	6'-6" ₁	5'-0" ₁	5'-0" ₁	4'-0" ₁	4'-0" ₁
800HDR450-68	16'-10" ₁	16'-10" ₁	11'-9" ₁	11'-9" ₁	9'-0" ₁	9'-0" ₁	7'-3" ₁	7'-3" ₁
800HDR450-97	17' 0" ₁	17' 0" ₁	11'-7" ₁	11'-7" ₁	8'-9" ₁	8'-9" ₁	7'-1" ₁	7'-1" ₁
800HDR450-127	17' 0" ₁	17' 0" ₁	11'-7" ₁	11'-7" ₁	8'-9" ₁	8'-9" ₁	7'-1" ₁	7'-1" ₁

Priceless Kwik-Jamb Allowable Heights

Jamb Profile	Opening Width 3.5 ft		Opening Width 6 ft		Opening Width 9 ft		Opening Width 12 ft	
	L/240	L/360	L/240	L/360	L/240	L/360	L/240	L/360
600KJS238-43EQS	14'-11" ₂	14'-6" ₂	12'-2" ₂	12'-2" ₂	10'-8" ₂	10'-8" ₂	9'-10" ₂	9'-10" ₂
600KJS238-54	19'-2" ₂	16'-5"	15'-3" ₂	14'-4" ₂	12'-10" ₂	12'-10" ₂	11'-6" ₂	11'-6" ₂
600KJS338-54	20'-11" ₂	17'-11"	17'-4" ₂	15'-6" ₂	14'-5" ₂	13'-10" ₂	12'-9" ₂	12'-9" ₂
600KJS338-68	23'-2"	19'-10"	20'-0"	17'-1"	16'-9" ₂	15'-2"	14'-7" ₂	13'-11" ₂
600KJS338-97	26'-7"	22'-7"	22'-11"	19'-6"	20'-2"	17'-2"	18'-0"	15'-8"
600KJS338-127	29'-3"	24'-10"	25'-3"	21'-5"	22'-3"	18'-10"	20'-2"	17'-2"
800KJS238-43EQS	17'-5" ₂	17'-5" ₂	13'-9" ₂	13'-9" ₂	11'-9" ₂	11'-9" ₂	10'-8" ₂	10'-8" ₂
800KJS238-54	24'-1" ₂	21'-3" ₂	18'-4" ₂	18'-4" ₂	15'-0" ₂	15'-0" ₂	13'-2" ₂	13'-2" ₂
800KJS338-54	27'-3" ₂	23'-2" ₂	21'-0" ₂	20'-0" ₂	17'-0" ₂	17'-0" ₂	14'-9" ₂	14'-9" ₂
800KJS338-68	30'-2" ₂	25'-8"	26'-1" ₂	22'-2" ₂	21'-1" ₂	19'-6" ₂	18'-0" ₂	17'-8" ₂
800KJS338-97	34'-7"	29'-5"	30'-1"	25'-6"	26'-6"	22'-4"	22'-10"	20'-3"
800KJS338-127	38'-1"	32'-5"	33'-4"	28'-2"	29'-5"	24'-9"	26'-7"	22'-5"



Supreme Framing System

Supreme Framing System™ studs and track is a design that uses thinner steel and superior 57 ksi yield strength steel when compared to traditional material. Supreme Framing System™ is available nationally through multiple independent steel stud manufacturers.

- Complies with 2012 IBC
- Multiple UL approved fire-rated assemblies
- Excellent acoustical performance
- 57 ksi steel reduces screw stripping
- Fastens with sharp point screws (D25, D20, 30EQD, and 33EQD)
- Wider flanges for screw placement
- Full line of Supreme Framing accessories
 - Hat Channel and Z-Furring
 - Slotted Leg Track
 - Custom Brake Shapes



Slotted Leg Track System

SCAFCO Slotted Track is the industry preferred system for achieving head of wall deflection and fire rating for interior and exterior walls. SCAFCO Slotted Track has met the movement and cycling requirements of ANSI/UL 2079, and is UL classified for 1, 2, 3 & 4 hour fire ratings in head of wall fire-rated joint systems.

Details & information of each individual system can be found in the XHBN section of Volume 2 of the UL Fire Resistance Directory, or can be downloaded from www.SCAFCO.com.

For more information, contact your local sales representative or visit www.SCAFCO.com.

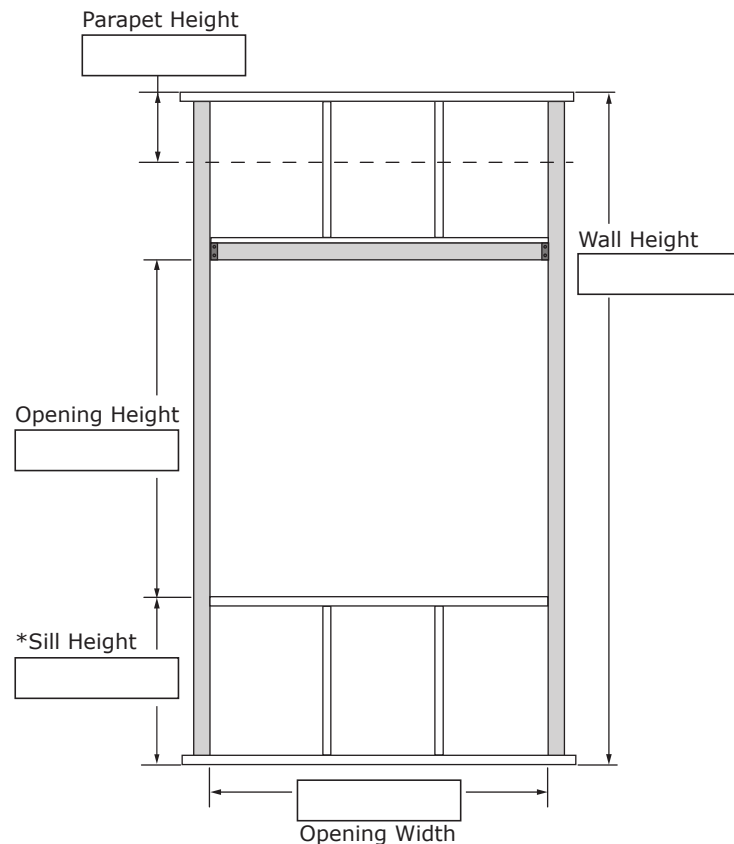
Priceless Header and Kwik-Jamb Order Form

Customer Info

Sold To	Job Name
Contact Name and Number	
Customer PO	Order Number

Interior Framing	- Interior Pressure	5 psf	7.5 psf	10 psf		Other _____	Deflection Guide (Check One) ☐ L/120 ☐ L/240 ☐ L/360
	- Wall Stud Spacing	12" oc	16" oc	24" oc			
	- Stud Size (WEB)	3 5/8"	4"	6"	8"	Other _____	

Exterior Framing	- Wind Load _____ psf ☐ Unknown (Technical services will contact you for more info.)						Deflection Criteria ☐ L/180 ☐ L/240 ☐ L/360 ☐ L/600 ☐ _____	Finish Material ☐ E.I.F.S. ☐ Stucco ☐ Metal ☐ Brick ☐ _____
	- Wall Stud Spacing	12" oc	16" oc	24" oc				
	- Stud Size (WEB)	3 5/8"	4"	6"	8"	Other _____		



*Make doorsill height 0'.

Notes / Special Instructions (To assure accuracy, PLEASE provide plan details. For extended service contact TECHNICAL@SCAFCO.com)

Customer Signature

Fax/email this form to your SCAFCO branch or District Sales Manager

SCAFCO Steel Framing

With 60 years of manufacturing experience, SCAFCO has gained a worldwide reputation for high-quality products, great customer service, and strong corporate ethics. Our comprehensive team of engineers, administrative and office staff, and craftsmen, focus on providing customer driven products. We currently have manufacturing facilities in Spokane, WA and Stockton, CA. We also feature press brakes and shears capable of making on demand, custom parts up to 24' in length.

Engineering Services

For assistance with ordering or questions on your project, utilize SCAFCO Engineering Services:

Call: 509-789-8669

Email: Technical@SCAFCO.com

MANUFACTURING LOCATIONS



www.SCAFCO.com



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