

MiTek Stock No.	Ref. No.	Steel Gauge	Dimensions (in)				Fastener Schedule				Minimum Wood Thickness (in) ⁶	Minimum Wood Width (in)	Allowable Loads (Lbs.) ^{1,5,7}		
			W	H	D	CL	Anchor Bolts ²		Wood Screws ⁸				DF/SP	S-P-F	Deflection Δ (in) at 160% ³
							Qty	Dia. (in)	Qty	Type					
UPHD8	HDQ8-SDS3, HDUE9-SDS3.5	10	3-1/4	17-1/2	3-1/8	1-3/8	1	7/8	24	WS3	3	3-1/2	9165	7695	0.075
UPHD9	HDU11-SDS2.5	10	3-1/4	17-1/4	3-1/2	1-1/2	1	1	24	WS3	3	5-1/2	11270	9465	0.057
UPHD11	HHDQ11-SDS2.5, HDUE13-SDS3.5	7	3	15-1/8	3-1/2	1-1/2	1	1	24	WS3	4-1/2	5-1/2	14395	12090	0.077
UPHD14	HDU14-SDS2.5, HHDQ14-SDS2.5, HDUE17-SDS4.5	7	3	18-3/4	3-1/2	1-1/2	1	1	30	WS3	4-1/2	5-1/2	16695	14020	0.082

1) Allowable loads have been increased 60% for wind and seismic loads; no further increase shall be permitted.

2) The designer must specify anchor bolt type, length, and embedment.

3) Deflections are derived from static, monotonic load tests of devices connected to DF-L wood members with specified fasteners.

4) The designer shall consider the effect of compression, bearing, tension, and combined bending due to device eccentricity when applicable.

5) The UPHD may be elevated off the sill and may increase deflection.

6) Where post is consisted of multiple 2x members, members must be fastened securely together to act as one member.

7) Minimum post thickness is 3" or greater. Consult MiTek for installations less than 3".

8) MiTek's WS3 structural wood screws are 1/4" dia. x 3" long and are included with UPHD models.