

Quick Reference Guide by NEMA Class

NEMA CLASS 8A (50lbs/ft. 8 ft. Span)				NEMA CLASS 8A (50lbs/ft. 8 ft. Span)			
NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX	NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX
ALUMINUM FLANGE OUT - ELECTRAY LADDER				STEEL FLANGE OUT - ELECTRAY LADDER			
50LB./FT. 8 FT.SPAN	N/A 4.5 6	N/A 3.5 5	N/A A()BA A()PB	50 LB./FT. 8 FT. SPAN	N/A 4 6	N/A 3 5	N/A S()B S()P
ALUMINUM FLANGE IN - VENTRAY LADDER				STEEL FLANGE IN - VENTRAY LADDER			
50 LB./FT. 8 FT.SPAN	N/A 4.5 6	N/A 3.875 5.375	N/A A()JA* A()MB*	50 LB./FT. 8 FT. SPAN	3.375 4 6	2.875 3.5 5.25	S()H S()J S()M
ALUMINUM ELECTRAY LADDER I-BEAM LADDER				STEEL FLANGE IN - VENTRIB TROUGH			
50LB./FT. 8 FT.SPAN	N/A N/A	N/A N/A	N/A N/A	50 LB./FT. 8 FT. SPAN	3.375 4 6	3 3.625 5.625	SH SJ SM
ALUMINUM FLANGE IN - VENTRIB TROUGH				FIBERGLASS VENTRAY LADDER			
50 LB./FT. 8 FT.SPAN	N/A 4.5 6	N/A 4.125 5.625	N/A AJA* AMB*	50 LB./FT. 8 FT. SPAN	N/A 4 6	N/A 3 5	N/A FP(JC) FP(XC)
NEMA CLASS 8B (75lbs/ft. 8 ft. Span)				NEMA CLASS 8B (75lbs/ft. 8 ft. Span)			
NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX	NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX
ALUMINUM FLANGE OUT - ELECTRAY LADDER				STEEL FLANGE OUT - ELECTRAY LADDER			
75LB./FT. 8 FT. SPAN	N/A 4.5 6	N/A 3.5 5	N/A A()BA A()PB	75 LB./FT. 8 FT. SPAN	N/A 4 6	N/A 3 5	N/A S()B S()P
ALUMINUM FLANGE IN - VENTRAY LADDER				STEEL FLANGE IN - VENTRAY LADDER			
75 LB./FT. 8 FT. SPAN	N/A 4.5 6	N/A 3.875 5.375	N/A A()JA* A()MB*	75 LB./FT. 8 FT. SPAN	3.375 4 6	2.875 3.5 5.5	S()H S()J S()M
ALUMINUM ELECTRAY I-BEAM LADDER				STEEL FLANGE IN - VENTRIB TROUGH			
75 LB./FT. 8 FT. SPAN	N/A N/A	N/A N/A	N/A N/A	75 LB./FT. 8 FT. SPAN	3.375 4 6	3 3.625 5.625	SH SJ SM
ALUMINUM FLANGE IN - VENTRIB TROUGH				FIBERGLASS VENTRAY LADDER			
75 LB./FT. 8 FT. SPAN	N/A 4.5 6	N/A 4.125 5.625	N/A AJA AMB	75 LB./FT. 8 FT. SPAN	N/A 4 6	N/A 3 5	N/A FP()JC FP(XC)
NEMA CLASS 8C (100lbs/ft. 8 ft. Span)				NEMA CLASS 8C (100lbs/ft. 8 ft. Span)			
NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX	NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX
ALUMINUM FLANGE OUT - ELECTRAY LADDER				STEEL FLANGE OUT - ELECTRAY LADDER			
100 LB./FT. 8 FT. SPAN	N/A 4.5 6	N/A 3.5 5	N/A A()BA A()PB	100 LB./FT. 8 FT. SPAN	N/A 4 6	N/A 3 5	N/A S()B S()P
ALUMINUM FLANGE IN - VENTRAY LADDER				STEEL FLANGE IN - VENTRAY LADDER			
100 LB./FT. 8 FT. SPAN	N/A 4.5 6	N/A 3.875 5.375	N/A A()JA* A()MB*	100 LB./FT. 8 FT. SPAN	3.375 4 6	2.875 3.5 5.25	S()H S()J S()M
ALUMINUM ELECTRAY I-BEAM LADDER				STEEL FLANGE IN - VENTRIB TROUGH			
100 LB./FT. 8 FT. SPAN	N/A N/A	N/A N/A	N/A N/A	100 LB./FT. 8 FT. SPAN	3.375 4 6	3 3.625 5.625	SH SJ SM
ALUMINUM FLANGE IN - VENTRIB TROUGH				FIBERGLASS VENTRAY LADDER			
100 LB./FT. 8 FT. SPAN	N/A 4.5 6	N/A 4.125 5.625	N/A AJA AMB	100 LB./FT. 8 FT. SPAN	N/A 4 6	N/A 3 5	N/A FP(JC) FP(XC)

NEMA CLASS 12A (50lbs/ft. 12 ft. Span)			
NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX
ALUMINUM FLANGE OUT - ELECTRAY LADDER			
50 LB./FT.	N/A	N/A	N/A
12 FT.SPAN	4.5	3.5	A()BA
	6	5	A()PB
ALUMINUM FLANGE IN - VENTRAY LADDER			
50 LB./FT.	4.5	3.875	A()JA
12 FT.SPAN	6	5.375	A()MB
ALUMINUM ELECTRAY LADDER I-BEAM LADDER			
50 LB./FT.	N/A	N/A	N/A
12 FT.SPAN	N/A	N/A	N/A
ALUMINUM FLANGE IN - VENTRIB TROUGH			
50 LB./FT.	N/A	N/A	N/A
12 FT.SPAN	4.5	4.125	AJA
	6	5.625	AMB
NEMA CLASS 12B (75lbs/ft. 12 ft. Span)			
NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX
ALUMINUM FLANGE OUT - ELECTRAY LADDER			
75 LB./FT.	4.5	3.5	A()BB
12 FT. SPAN	6	5	A()PB
ALUMINUM FLANGE IN - VENTRAY LADDER			
75 LB./FT.	4.5	3.875	A()JB
12 FT. SPAN	6	5.375	A()MB
ALUMINUM ELECTRAY I-BEAM LADDER			
75 LB./FT.	N/A	N/A	N/A
12 FT. SPAN	N/A	N/A	N/A
ALUMINUM FLANGE IN - VENTRIB TROUGH			
75 LB./FT.	4.5	4.125	AJB
12 FT. SPAN	6	5.625	AMB
NEMA CLASS 12C (100lbs/ft. 12 ft. Span)			
NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX
ALUMINUM FLANGE OUT - ELECTRAY LADDER			
100 LB./FT.	4.5	3.5	A()CA
12 FT. SPAN	6	5	A()EA
ALUMINUM FLANGE IN - VENTRAY LADDER			
100 LB./FT.	4.5	3.875	A()YA
12 FT. SPAN	6	5.375	A()XA
ALUMINUM ELECTRAY I-BEAM LADDER			
100 LB./FT.	4.5	3.5	A()ICC
12 FT. SPAN	6	5	A()IEB
ALUMINUM FLANGE IN - VENTRIB TROUGH			
100 LB./FT.	4	4.125	AYA
12 FT. SPAN	6	5.625	AXA

NEMA CLASS 12A (50lbs/ft. 12 ft. Span)			
NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX
STEEL FLANGE OUT - ELECTRAY LADDER			
50 LB./FT.	N/A	N/A	N/A
12 FT. SPAN	4	3	S()B
	6	5	S()P
STEEL FLANGE IN - VENTRAY LADDER			
50 LB./FT.	3.375	2.875	S()H
12 FT.SPAN	4	3.5	S()J
	6	5.5	S()M
STEEL FLANGE IN - VENTRIB TROUGH			
50 LB./FT.	3.375	3	SH
12 FT.SPAN	4	3.625	SJ
	6	5.625	SM
FIBERGLASS VENTRAY LADDER			
50 LB./FT.	N/A	N/A	N/A
12 FT.SPAN	4	3	FP()JC
	6	5	FP()XC
NEMA CLASS 12B (75lbs/ft. 12 ft. Span)			
NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX
STEEL FLANGE OUT - ELECTRAY LADDER			
75 LB./FT.	4	3	S()B
12 FT. SPAN	6	5	S()P
STEEL FLANGE IN - VENTRAY LADDER			
75 LB./FT.	4	3.5	S()J
12 FT. SPAN	6	5.25	S()M
STEEL FLANGE IN - VENTRIB TROUGH			
75 LB./FT.	4	3.625	SJ
12 FT. SPAN	6	5.625	SM
FIBERGLASS VENTRAY LADDER			
75 LB./FT.	4	3	FP(JC)
12 FT. SPAN	6	5	FP()XC
NEMA CLASS 12C (100lbs/ft. 12 ft. Span)			
NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX
STEEL FLANGE OUT - ELECTRAY LADDER			
100 LB./FT.	4.5	3.5	S()BC
12 FT. SPAN	6	5	S()PD
STEEL FLANGE IN - VENTRAY LADDER			
100 LB./FT.	4.5	4	S()JC
12 FT. SPAN	6	5.5	SSP-M2
STEEL FLANGE IN - VENTRIB TROUGH			
100 LB./FT.	4.5	4.125	SJC
12 FT. SPAN	6	5.625	SMD
FIBERGLASS VENTRAY LADDER			
100 LB./FT.	4	3	FP()JC
12 FT. SPAN	6	5	FP()XC

NEMA CLASS 16A (50lbs/ft. 16ft. Span)				NEMA CLASS 16A (50lbs/ft. 16ft. Span)			
NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX	NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX
ALUMINUM FLANGE OUT - ELECTRAY LADDER				STEEL FLANGE OUT - ELECTRAY LADDER			
50 LB./FT. 16 FT. SPAN	4.5 6	3.5 5	A()CA A()EA	50 LB./FT. 16 FT. SPAN	4.5 6.25	3.5 5.25	S()CD S()EB
ALUMINUM FLANGE IN - VENTRAY LADDER				STEEL FLANGE IN - VENTRAY LADDER			
50 LB./FT. 16 FT. SPAN	4.5 6	3.875 5.375	A()YA A()XA	50 LB./FT. 16 FT. SPAN	4.5 6.25	4 5.625	S()YD S()XB
ALUMINUM ELECTRAY LADDER I-BEAM LADDER				STEEL FLANGE IN - VENTRIB TROUGH			
50 LB./FT. 16 FT. SPAN	4.5 6	3.5 5	A()ICC A()IEB	50 LB./FT. 16 FT. SPAN	4.5 6.25	4.125 5.625	SYD SXB
ALUMINUM FLANGE IN - VENTRIB TROUGH				FIBERGLASS VENTRAY LADDER			
50 LB./FT. 16 FT. SPAN	4.5 6	4.125 5.625	AYA AXA	50 LB./FT. 16 FT. SPAN	N/A 6	N/A 5	N/A FP()XC
NEMA CLASS 16B (75lbs/ft. 16ft. Span)				NEMA CLASS 16B (75lbs/ft. 16ft. Span)			
NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX	NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX
ALUMINUM FLANGE OUT - ELECTRAY LADDER				STEEL FLANGE OUT - ELECTRAY LADDER			
75 LB./FT. 16 FT. SPAN	4.5 6	3.5 5	A()CA A()EA	75 LB./FT. 16 FT. SPAN	4.5 6.25	3.5 5.25	S()CD S()EB
ALUMINUM FLANGE IN - VENTRAY LADDER				STEEL FLANGE IN - VENTRAY LADDER			
75 LB./FT. 16 FT. SPAN	4.5 6	3.875 5.375	A()YA A()XA	75 LB./FT. 16 FT. SPAN	4.5 6.25	4 5.625	S()YD S()XB
ALUMINUM ELECTRAY I-BEAM LADDER				STEEL FLANGE IN - VENTRIB TROUGH			
75 LB./FT. 16 FT. SPAN	4.5 6	3.5 5	A()ICC A()IEB	75 LB./FT. 16 FT. SPAN	4.5 6.25	4.125 5.875	SYD SXB
ALUMINUM FLANGE IN - VENTRIB TROUGH				FIBERGLASS VENTRAY LADDER			
75 LB./FT. 16 FT. SPAN	4.5 6	4.125 5.625	AYA AXA	75 LB./FT. 16 FT. SPAN	N/A 6	N/A 5	N/A FP()XC
NEMA CLASS 16C (100lbs/ft. 16ft. Span)				NEMA CLASS 16C (100lbs/ft. 16ft. Span)			
NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX	NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX
ALUMINUM FLANGE OUT - ELECTRAY LADDER				STEEL FLANGE OUT - ELECTRAY LADDER			
100 LB./FT. 16 FT. SPAN	4 6	3 5	N/A A()EA	100 LB./FT. 16 FT. SPAN	N/A 6.25	N/A 5.25	N/A S()EB
ALUMINUM FLANGE IN - VENTRAY LADDER				STEEL FLANGE IN - VENTRAY LADDER			
100 LB./FT. 16 FT. SPAN	4 6	3.875 5.375	N/A A()X	100 LB./FT. 16 FT. SPAN	4 6.25	3.5 5.625	N/A S()XB
ALUMINUM ELECTRAY I-BEAM LADDER				STEEL FLANGE IN - VENTRIB TROUGH			
100 LB./FT. 16 FT. SPAN	4 6	3.5 5	A()ICC A()IEB	100 LB./FT. 16 FT. SPAN	4 6.25	3.625 5.875	N/A SXB
ALUMINUM FLANGE IN - VENTRIB TROUGH				FIBERGLASS VENTRAY LADDER			
100 LB./FT. 16 FT. SPAN	4 6	3.625 5.625	N/A AX	100 LB./FT. 16 FT. SPAN	N/A 6	N/A 5	N/A FP()XC

NEMA CLASS 20A (50lbs/ft 8ft Span)				NEMA CLASS 20A (50lbs/ft 8ft Span)			
NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX	NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX
ALUMINUM FLANGE OUT - ELECTRAY LADDER				STEEL FLANGE OUT - ELECTRAY LADDER			
50 LB./FT.	4.5	3.5	A()CA	50 LB./FT.	5.25	4.25	S()CD
20 FT. SPAN	6	5	A()EA	20 FT. SPAN	6.25	5.25	S()EB
ALUMINUM FLANGE IN - VENTRAY LADDER				STEEL FLANGE IN - VENTRAY LADDER			
50 LB./FT.	4.5	3.875	A()YA	50 LB./FT.	4.5	4	S()YD
20 FT. SPAN	6	5.375	A()XA	20 FT. SPAN	6.25	5.625	S()XB
ALUMINUM ELECTRAY LADDER I-BEAM LADDER				STEEL FLANGE IN - VENTRIB TROUGH			
50 LB./FT.	4.5	3.5	A()ICC	50 LB./FT.	4.5	4.125	SYD
20 FT. SPAN	6	5	A()IEB	20 FT. SPAN	6.25	5.875	SXB
ALUMINUM FLANGE IN - VENTRIB TROUGH				FIBERGLASS VENTRAY LADDER			
50 LB./FT.	4.5	4.125	AYA	50 LB./FT.	N/A	N/A	N/A
20 FT. SPAN	6	5.625	AXA	20 FT. SPAN	6	5	FP()XC
NEMA CLASS 20B (75lbs/ft 20ft Span)				NEMA CLASS 20B (75lbs/ft 20ft Span)			
NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX	NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX
ALUMINUM FLANGE OUT - ELECTRAY LADDER				STEEL FLANGE OUT - ELECTRAY LADDER			
75 LB./FT.	N/A	N/A	N/A	75 LB./FT.	N/A	N/A	N/A
20 FT. SPAN	6	5	A()EA	20 FT. SPAN	6.25	5.25	S()EB
ALUMINUM FLANGE IN - VENTRAY LADDER				STEEL FLANGE IN - VENTRAY LADDER			
75 LB./FT.	N/A	N/A	N/A	75 LB./FT.			
20 FT. SPAN	6	5.375	A()X	20 FT. SPAN	6.25	5.625	S()XC
ALUMINUM ELECTRAY I-BEAM LADDER				STEEL FLANGE IN - VENTRIB TROUGH			
75 LB./FT.	4.5	3.5	A()ICC	75 LB./FT.	4	3.625	N/A
20 FT. SPAN	6	5	A()IEB	20 FT. SPAN	6.25	5.875	SXB
ALUMINUM FLANGE IN - VENTRIB TROUGH				FIBERGLASS VENTRAY LADDER			
75 LB./FT.	N/A	N/A	N/A	75 LB./FT.	N/A	N/A	N/A
20 FT. SPAN	6	5.625	AX	20 FT. SPAN	6	5	FP()XC
NEMA CLASS 20C (100lbs/ft 20ft Span)				NEMA CLASS 20C (100lbs/ft 20ft Span)			
NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX	NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX
ALUMINUM FLANGE OUT - ELECTRAY LADDER				STEEL FLANGE OUT - ELECTRAY LADDER			
100 LB./FT.	N/A	N/A	N/A	100 LB./FT.	N/A	N/A	N/A
20 FT. SPAN	6	5	A()E1	20 FT. SPAN	6.25	5.25	A()EC
ALUMINUM FLANGE IN - VENTRAY LADDER				STEEL FLANGE IN - VENTRAY LADDER			
100 LB./FT.	N/A	N/A	N/A	100 LB./FT.			
20 FT. SPAN	6	5.375	A()X1	20 FT. SPAN	6.25	5.625	S()XC
ALUMINUM ELECTRAY I-BEAM LADDER				STEEL FLANGE IN - VENTRIB TROUGH			
100 LB./FT.	4.5	3.5	*A()ICC	100 LB./FT.			
20 FT. SPAN	6	5	A()IEB	20 FT. SPAN	6.25	5.875	SXC
ALUMINUM FLANGE IN - VENTRIB TROUGH				FIBERGLASS VENTRAY LADDER			
100 LB./FT.	N/A	N/A	N/A	100 LB./FT.	N/A	N/A	N/A
20 FT. SPAN	6	5.625	AX1	20 FT. SPAN	6	5	FP()XC
NEMA CLASS 20C+ (over 100lbs/ft)				NEMA CLASS 20C+ (over 100lbs/ft)			
NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX	NEMA LOAD SPAN	SIDERAIL HEIGHT	LOAD DEPTH	TRAY TYPE PREFIX
ALUMINUM FLANGE OUT - ELECTRAY LADDER				STEEL FLANGE OUT - ELECTRAY LADDER			
OVER 100 LB/FT	N/A	N/A	N/A	OVER 100 LB/FT	6.25	5.25	S()ED
	N/A	N/A	N/A		N/A	N/A	N/A
ALUMINUM FLANGE IN - VENTRAY LADDER				STEEL FLANGE IN - VENTRAY LADDER			
OVER 100 LB/FT	N/A	N/A	N/A	OVER 100 LB/FT	6.25	5.625	SXD
	N/A	N/A	N/A				
ALUMINUM ELECTRAY I-BEAM LADDER				STEEL FLANGE IN - VENTRIB TROUGH			
OVER 100 LB/FT	6	5	A()I6	OVER 100 LB/FT	6.25	5.875	SXD
	N/A	N/A	N/A		N/A	N/A	N/A
ALUMINUM FLANGE IN - VENTRIB TROUGH				FIBERGLASS VENTRAY LADDER			
OVER 100 LB/FT	N/A	N/A	N/A	OVER 100 LB/FT	N/A	N/A	N/A
	N/A	N/A	N/A		N/A	N/A	N/A