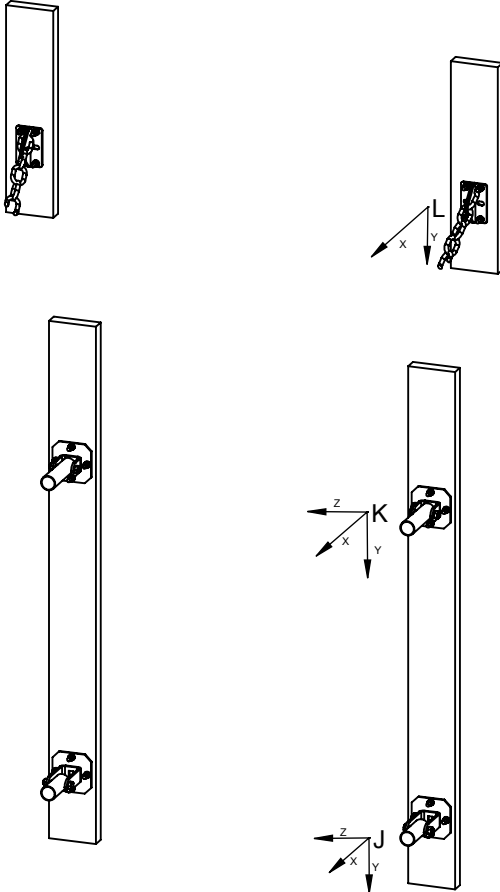


90219000 - LOADING AND ANCHORING

LOADING

LOADING BASED ON 300 LB VERTICAL LOAD, 200 LB SIDE LOAD AND 200 LB HORIZONTAL LOAD AT RIM



FACE OF BACKBOARD TO WALL AND BACKBOARD STYLE	J _x	J _y	J _z	K _x	K _y	K _z	L _x	L _y
UP TO 6'-0" RECTANGULAR	-402 LBS	42 LBS	92 LBS	381 LBS	163 LBS	8 LBS	415 LBS	405 LBS
UP TO 6'-0" FAN	-786 LBS	38 LBS	110 LBS	311 LBS	187 LBS	-9 LBS	312 LBS	379 LBS
UP TO 6'-0" WITH HEIGHT ADJUSTER	-624 LBS	29 LBS	92 LBS	509 LBS	125 LBS	8 LBS	507 LBS	418 LBS
UP TO 9'-0" RECTANGULAR	-532 LBS	48 LBS	92 LBS	343 LBS	124 LBS	8 LBS	372 LBS	349 LBS
UP TO 9'-0" FAN	-1065 LBS	45 LBS	110 LBS	292 LBS	138 LBS	-9 LBS	276 LBS	332 LBS
UP TO 9'-0" WITH HEIGHT ADJUSTER	-834 LBS	36 LBS	92 LBS	472 LBS	96 LBS	8 LBS	460 LBS	354 LBS
UP TO 12'-0" RECTANGULAR	-687 LBS	64 LBS	92 LBS	326 LBS	119 LBS	8 LBS	361 LBS	333 LBS
UP TO 12'-0" FAN	-1382 LBS	59 LBS	110 LBS	289 LBS	127 LBS	-9 LBS	267 LBS	319 LBS
UP TO 12'-0" WITH HEIGHT ADJUSTER	-1055 LBS	47 LBS	92 LBS	460 LBS	90 LBS	8 LBS	444 LBS	331 LBS

NOTE: HEAVIEST BACKBOARD OF EACH STYLE SHOWN, SOME BACKBOARDS MAY REDUCE LOADS

SUGGESTED ANCHORING LOCATIONS SEE W-219-10 OR W-219-12 FOR PLACEMENT DETAILS

"A" FACE OF BACKBOARD TO WALL	"B" CHAIN HANGER DISTANCE (RECTANGULAR NO HEIGHT ADJUSTER)	"B" CHAIN HANGER DISTANCE (FAN OR ANY HEIGHT ADJUSTER)
4'-0" to 5'-0"	6'-0" (1.83m)	4'-0" (1.22m)
5'-0-1/8" to 6'-0"	6'-6" (1.98m)	4'-6" (1.37m)
6'-0-1/8" to 7'-0"	7'-0" (2.14m)	5'-0" (1.53m)
7'-0-1/8" to 8'-0"	7'-6" (2.28m)	5'-6" (1.67m)
8'-0-1/8" to 9'-0"	8'-0" (2.77m)	6'-0" (1.83m)
9'-0-1/8" to 10'-0"	8'-6" (2.59m)	6'-6" (1.98m)
10'-0-1/8" to 11'-0"	9'-6" (2.9m)	7'-6" (2.3m)
11'-0-1/8" to 12'-0"	9'-6" (2.9m)	7'-6" (2.3m)

BACKBOARD STYLE	"X"	"Y"	"Z"	"H"	"C" PIPE SUPPORT DISTANCE	"D" HINGE TO FLOOR	"E" VERTICAL PIPE SUPPORT DISTANCE
RECTANGULAR	16" (0.41m)	16" (0.41m)	16" (0.41m)	9'-5" (2.87m)	5'-6" (1.68m)	9'-9" (2.97m)	3'-0" (0.92m)
FAN	8" (0.203m)	16" (0.41m)	16" (0.41m)	9'-8" (2.95m)	2'-11" (0.89m)	10'-2" (3.10m)	1'-8" (0.51m)
RECTANGULAR WITH HEIGHT ADJUSTER	16" (0.41m)	16" (0.41m)	20" (0.61m)	9'-4" (2.8m)	2'-11" (0.89m)	9'-8 1/2" (2.96m)	3'-8 1/4" (1.12m)
FAN WITH HEIGHT ADJUSTER	16" (0.41m)	16" (0.41m)	20" (0.61m)	9'-4" (2.8m)	2'-11" (0.89m)	9'-8" (2.94m)	3'-8 1/4" (1.12m)

