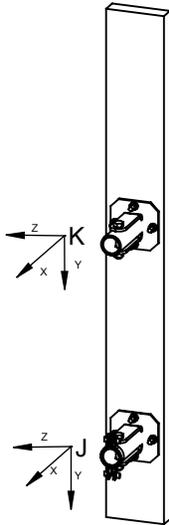
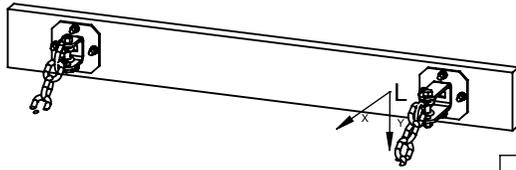


# 90220000 - LOADING AND ANCHORING

## LOADING

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



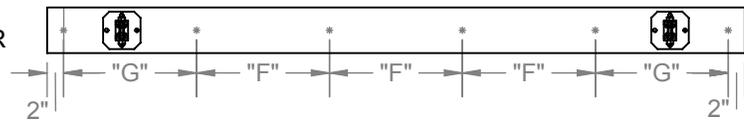
FACE OF BACKBOARD TO WALL AND BACKBOARD STYLE	J <sub>x</sub>	J <sub>y</sub>	J <sub>z</sub>	K <sub>x</sub>	K <sub>y</sub>	K <sub>z</sub>	L <sub>x</sub>	L <sub>y</sub>
UP TO 6'-0" RECTANGULAR	-387 LBS	27 LBS	92 LBS	390 LBS	151 LBS	8 LBS	406 LBS	393 LBS
UP TO 6'-0" FAN	-765 LBS	27 LBS	110 LBS	347 LBS	170 LBS	-9 LBS	334 LBS	376 LBS
UP TO 6'-0" WITH HEIGHT ADJUSTER	-616 LBS	20 LBS	92 LBS	514 LBS	117 LBS	8 LBS	502 LBS	410 LBS
UP TO 9'-0" RECTANGULAR	-511 LBS	34 LBS	92 LBS	351 LBS	112 LBS	8 LBS	364 LBS	339 LBS
UP TO 9'-0" FAN	-1035 LBS	34 LBS	110 LBS	325 LBS	123 LBS	-9 LBS	297 LBS	328 LBS
UP TO 9'-0" WITH HEIGHT ADJUSTER	-822 LBS	26 LBS	92 LBS	477 LBS	88 LBS	8 LBS	455 LBS	347 LBS
UP TO 12'-0" RECTANGULAR	-651 LBS	45 LBS	92 LBS	336 LBS	102 LBS	8 LBS	351 LBS	319 LBS
UP TO 12'-0" FAN	-1327 LBS	44 LBS	110 LBS	323 LBS	109 LBS	-9 LBS	285 LBS	311 LBS
UP TO 12'-0" WITH HEIGHT ADJUSTER	-1042 LBS	39 LBS	92 LBS	465 LBS	83 LBS	8 LBS	439 LBS	325 LBS

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

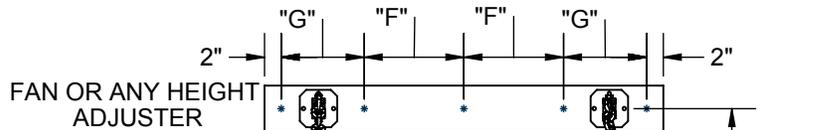
## SUGGESTED ANCHORING LOCATIONS

SEE W-220-10 OR W-220-12 FOR PLACEMENT DETAILS

RECTANGULAR WITH NO HEIGHT ADJUSTER



"A" IS FACE OF BACKBOARD TO WALL



BACKBOARD STYLE	"X"	"Y"	"Z"	"F"	"G"	"H"	"C" PIPE SUPPORT DISTANCE	"D" C HINGE TO FLOOR	"E" VERTICAL PIPE SUPPORT DISTANCE
RECTANGULAR	16" (0.41m)	16" (0.41m)	16" (0.41m)	16" (0.41m)	16" (0.41m)	9'-5" (2.87m)	5'-6" (1.86m)	9'-9" (2.97m)	3'-0" (0.92m)
FAN	8" (0.203m)	16" (0.41m)	16" (0.41m)	12" (0.31m)	10" (0.25m)	9'-10" (3.00m)	2'-11" (0.89m)	10'-2" (3.10m)	1'-8" (0.51m)
RECTANGULAR WITH HEIGHT ADJUSTER	8" (0.41m)	16" (0.41m)	24" (0.61m)	12" (0.31m)	10" (0.25m)	9'-4" (2.8m)	2'-11" (0.89m)	9'-8 <sup>1</sup> / <sub>2</sub> " (2.96m)	3'-8 <sup>1</sup> / <sub>2</sub> " (1.12m)
FAN WITH HEIGHT ADJUSTER	8" (0.41m)	16" (0.41m)	24" (0.61m)	12" (0.31m)	10" (0.25m)	9'-4" (2.8m)	2'-11" (0.89m)	9'-8" (2.94m)	3'-8 <sup>1</sup> / <sub>2</sub> " (1.12m)

