



## BAR GRILLE PERFORMANCE DATA – SUPPLY\*\*\*

<b>MV10 LINEAR BAR GRILLE – 0° DEFLECTION</b>					
<b>1/8" BARS 3/8" ON CENTER</b>					
UNIT WIDTH	DUCT VELOCITY – F.P.M.	200	400	600	800
	PRESSURE DROP - I.W.G.	0.01	0.04	0.09	0.15
4"	CFM/FOOT	67	133	200	267
	NC*	L	L	25	33
	THROW**	12	16	19	20
8"	CFM/FOOT	133	267	400	533
	NC*	L	L	26	35
	THROW**	14	19	24	26
12"	CFM/FOOT	200	400	600	800
	NC*	L	L	29	36
	THROW**	17	24	28	31

<b>MV16 LINEAR BAR GRILLE – 16° DEFLECTION</b>					
<b>1/8" BARS 3/8" ON CENTER</b>					
UNIT WIDTH	DUCT VELOCITY – F.P.M.	200	400	600	800
	PRESSURE DROP - I.W.G.	0.01	0.02	0.05	0.09
4"	CFM/FOOT	67	133	200	267
	NC*	L	L	26	33
	THROW**	13	15	18	20
8"	CFM/FOOT	133	267	400	533
	NC*	L	L	28	36
	THROW**	14	18	22	24
12"	CFM/FOOT	200	400	600	800
	NC*	L	L	29	37
	THROW**	16	21	26	29

\*Sound data based on 4-foot-long grille.

"L" designates sound rating less than 25NC (NC = Noise Criterion).

<b>SOUND CORRECTION FOR LENGTH</b>	
LENGTH, FT.	ADDITIONAL db
4	0
8	3
12	5
16	6
24	8
40+	10

\*\*Throws are based on a 4-foot sill grille and 100 F.P.M. VT.

\*\*\*For return grille performance the pressure drop and NC levels are approximately the same as for supply.