



PERFORMANCE DATA  
MODEL-FL

REGISTER&GRILLES

PROJECT : .....  
 ENGINEER : .....  
 CONTRACTOR : .....  
 SUBMITTED BY : .....  
 DATE : .....

Face Velocity		300	400	500	600	700	800	900.000	1000
Pressure Loss(In. W.G.)		0.006	0.01	0.016	0.022	0.031	0.04	0.05	0.062
Size									
<b>2¼ x 10</b>	<b>CFM</b>	<b>25</b>	<b>35</b>	<b>45</b>	<b>55</b>	<b>60</b>	<b>70</b>	<b>80</b>	<b>90</b>
Free Area	Spread	2	2.5	3	4	4.5	5	6	6.5
12 SQ. IN.	Throw	3	4	5	6.5	7.5	9	10	11
<b>2¼ x 12</b>	<b>CFM</b>	<b>35</b>	<b>45</b>	<b>55</b>	<b>65</b>	<b>75</b>	<b>90</b>	<b>100</b>	<b>110</b>
Free Area	Spread	2	3	3.5	4	5	6	6.5	7
15 SQ. IN.	Throw	3	4.5	6	7	8.5	9.5	11	12
<b>2¼ x 14</b>	<b>CFM</b>	<b>40</b>	<b>50</b>	<b>65</b>	<b>80</b>	<b>90</b>	<b>105</b>	<b>115</b>	<b>130</b>
Free Area	Spread	2.5	3	4	4.5	5.5	6.5	7	8
18 SQ. IN.	Throw	3.5	5	7	8	8.5	10.5	12	13
<b>4 x 10</b>	<b>CFM</b>	<b>50</b>	<b>70</b>	<b>85</b>	<b>100</b>	<b>120</b>	<b>135</b>	<b>155</b>	<b>170</b>
Free Area	Spread	3	3.5	4.5	5.5	6.5	7	8	9
24 SQ. IN.	Throw	4	6	7.5	9	11	12	13.5	15.5
<b>4 x 12</b>	<b>CFM</b>	<b>65</b>	<b>85</b>	<b>105</b>	<b>125</b>	<b>145</b>	<b>170</b>	<b>190</b>	<b>210</b>
Free Area	Spread	3	4	5	6	7	8	9	10
30 SQ. IN.	Throw	5	7	8.5	10	12	13.5	15.5	17
<b>4 x 14</b>	<b>CFM</b>	<b>75</b>	<b>100</b>	<b>125</b>	<b>150</b>	<b>175</b>	<b>200</b>	<b>225</b>	<b>250</b>
Free Area	Spread	5.5	7.5	9.5	11	13	15	17	18.5
36 SQ. IN.	Throw	3.5	4.5	5.5	6.5	7.5	9	10	11
<b>6 x 10</b>	<b>CFM</b>	<b>80</b>	<b>110</b>	<b>135</b>	<b>160</b>	<b>190</b>	<b>215</b>	<b>245</b>	<b>270</b>
Free Area	Spread	6	8	10	11.5	13.5	15.5	17.5	18.5
34 SQ. IN.	Throw	3.5	4.5	6	7	8	9	10.5	11.5
<b>6 x 12</b>	<b>CFM</b>	<b>100</b>	<b>130</b>	<b>165</b>	<b>200</b>	<b>230</b>	<b>265</b>	<b>295</b>	<b>330</b>
Free Area	Spread	6.5	8.5	11	13	15	17	18.5	21.5
43 SQ. IN.	Throw	4	5	6.5	7.5	8	10	11.5	12.5
<b>6 x 14</b>	<b>CFM</b>	<b>115</b>	<b>155</b>	<b>195</b>	<b>225</b>	<b>275</b>	<b>310</b>	<b>350</b>	<b>390</b>
Free Area	Spread	7.5	8.5	12	14	17	19	21.5	23.5
56 SQ. IN.	Throw	4.5	5.5	7	8.5	1	11	12.5	14