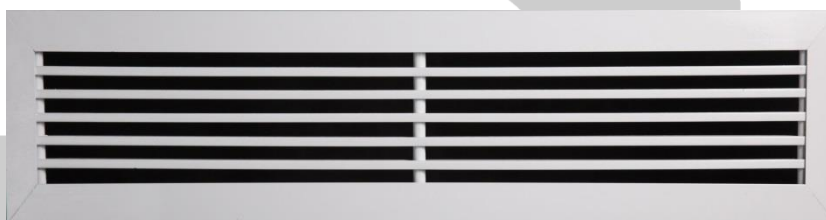


DIFUSORES PERIMETRALES

## MODELO DP1412

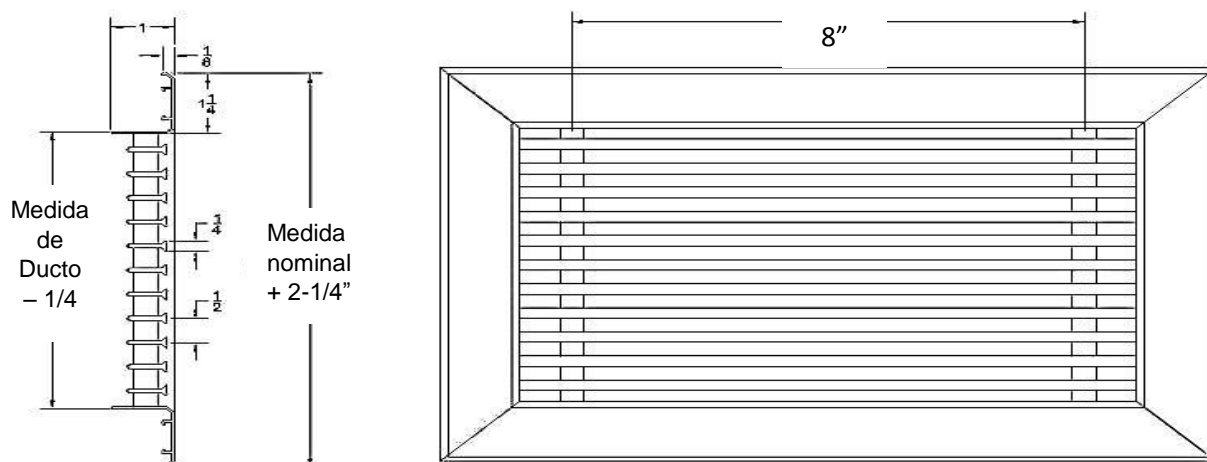
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- Excelente apariencia y funcionamiento en sistemas de volumen variable donde la apariencia y rendimiento son de suma importancia.
- Diseñados para aplicaciones de inyección y retorno creando ambientes del mismo aspecto en la instalación.
- El diseño de los marcos permite la unión imperceptible entre varios difusores, creando difusores continuos de gran longitud.
- De manera opcional se puede suministrar con control de volumen de aletas opuestas.

## DIFUSORES PERIMETRALES

# MODELO DP1412

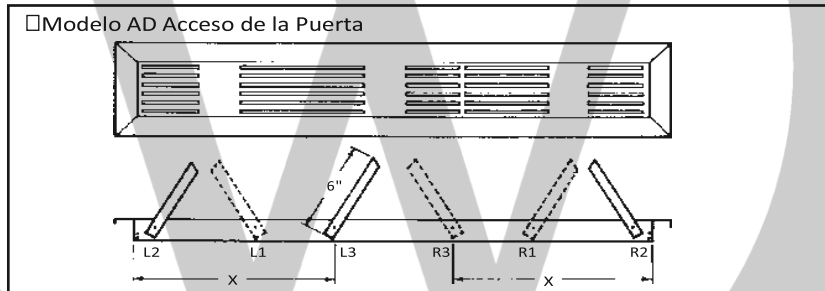
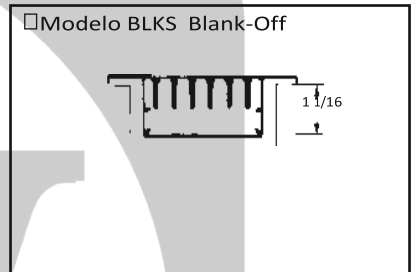
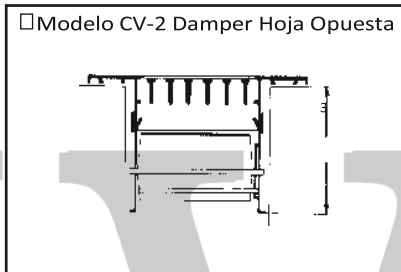
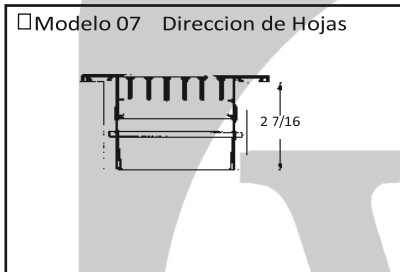


- Aletas fijas de  $1/4$  de ancho con separación de  $1/2$  entre centros con 50 % de área libre.
- Disponible con deflexión de  $15^\circ$  (DP1415) en las aletas longitudinales.
- Fabricado con perfiles de aluminio extruido aleación 6063T5, disponible en aluminio anodizado o bien pintura en polvo electrostática color blanco (estándar) o en infinidad de colores de acuerdo a necesidades del proyecto.

# DIFUSORES PERIMETRALES

## MODELO DP1412

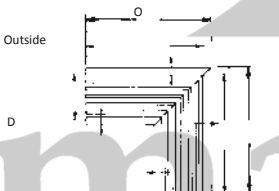
### Accesorios Opcionales:



**Esquineros Opcionales**

- EDP1 • 1/4" Espacio • 1/8" Barra • 0° Deflexion
- EDP2 • 1/4" Espacio • 1/8" Barra • 15° Deflexion
- EDP3 • 1/2" Espacio • 1/8" Barra • 0° Deflexion
- EDP4 • 1/2" Espacio • 1/8" Barra • 15° Deflexion
- EDP5 • 1/2" Espacio • 1/4" Barra • 0° Deflexion
- EDP6 • 1/2" Espacio • 1/4" Barra • 15° Deflexion

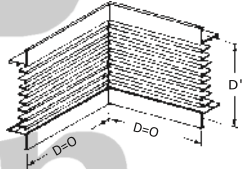
D Outside



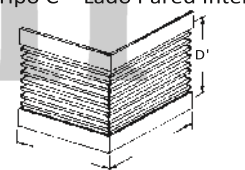
D' Inside

Piso, Techo o Tipo O • 0° Deflexión

Tipo B • Deflexion Externo



Tipo C • Lado Pared Interna



Tipo D • Lado pared, Externa

Ancho D' Ducto	Largo Ducto D	Vista & Tipo de Borde								
		1A	2	5	6	11	12	13	14	CO
1½-4	12	12 15/16	12 5/8	12 13/16	12	12 1/8	12 3/8	12 5/8	12 7/8	12
4½-6	18	18 15/16	18 5/8	18 13/16	18	18 1/8	18 3/8	18 5/8	18 7/8	18

## Difusores Lineales • Tabla de Rendimiento DP1412 Deflexión 0°

Area Square Feet	Nominal Duct Width, Inches	Total Pressure	.010	.022	.040	.063	.089	.121	.159	.202	.250
*Effective free area, per lineal foot											
.026	1«	<b>CFM per Foot</b>	<b>10</b>	<b>16</b>	<b>21</b>	<b>26</b>	<b>31</b>	<b>36</b>	<b>42</b>	<b>47</b>	<b>52</b>
		NC	-	-	14	20	25	30	34	37	40
		Throw Feet    Sill or Floor Side Wall	1-1-1 2-4-6	2-2-2 4-7-10	4-4-4 5-9-13	7-7-7 7-12-17	8-9-10 8-13-19	10-11-12 10-16-22	11-12-14 11-17-24	12-14-16 12-19-26	14-16-18 41-21-29
.045	2"	<b>CFM per Foot</b>	<b>18</b>	<b>27</b>	<b>36</b>	<b>45</b>	<b>54</b>	<b>63</b>	<b>72</b>	<b>81</b>	<b>90</b>
		NC	-	-	13	19	24	29	33	36	39
		Throw Feet    Sill or Floor Side Wall	1-1-1 3-5-7	4-4-4 5-8-12	7-7-7 7-11-16	9-9-10 9-14-20	10-11-13 10-16-23	10-14-16 13-19-26	14-16-18 14-21-28	15-17-20 15-22-30	19-19-21 17-25-33
.066	2«	<b>CFM per Foot</b>	<b>26</b>	<b>40</b>	<b>53</b>	<b>66</b>	<b>79</b>	<b>92</b>	<b>106</b>	<b>119</b>	<b>132</b>
		NC	-	-	15	21	26	31	35	38	41
		Throw Feet    Sill or Floor Side Wall	2-2-2 4-6-9	6-6-6 6-9-12	8-8-9 8-12-17	11-12-13 11-16-22	13-14-16 13-19-25	15-17-19 15-21-28	18-20-22 18-25-32	21-22-23 21-28-36	22-23-24 22-30-39
.088	3"	<b>CFM per Foot</b>	<b>35</b>	<b>53</b>	<b>70</b>	<b>88</b>	<b>106</b>	<b>123</b>	<b>141</b>	<b>158</b>	<b>176</b>
		NC	-	-	16	22	27	32	36	39	42
		Throw Feet    Sill or Floor Side Wall	2-2-2 5-7-10	7-7-7 7-11-15	10-10-11 10-14-19	12-13-15 12-17-23	15-16-18 15-21-27	18-19-21 18-24-31	20-22-24 20-27-34	24-24-25 24-31-39	26-26-27 26-34-42
.110	3«	<b>CFM per Foot</b>	<b>44</b>	<b>66</b>	<b>88</b>	<b>110</b>	<b>132</b>	<b>154</b>	<b>176</b>	<b>198</b>	<b>220</b>
		NC	-	-	16	22	27	32	36	39	42
		Throw Feet    Sill or Floor Side Wall	3-3-3 5-7-10	8-8-8 9-12-16	12-12-12 12-16-20	15-15-16 15-20-25	18-19-20 18-23-28	20-21-22 20-26-32	23-24-25 23-29-36	25-24-27 25-21-40	29-29-29 29-36-44
.133	4"	<b>CFM per Foot</b>	<b>53</b>	<b>80</b>	<b>160</b>	<b>133</b>	<b>160</b>	<b>186</b>	<b>213</b>	<b>239</b>	<b>266</b>
		NC	-	-	17	23	28	33	37	40	43
		Throw Feet    Sill or Floor Side Wall	3-3-3 6-8-11	9-9-9 10-13-17	13-13-13 13-17-21	16-16-17 16-21-26	20-20-21 20-25-30	22-23-24 22-28-34	24-25-26 24-30-34	28-28-28 28-35-42	31-31-31 31-38-46
.177	5"	<b>CFM per Foot</b>	<b>71</b>	<b>106</b>	<b>142</b>	<b>177</b>	<b>212</b>	<b>248</b>	<b>283</b>	<b>318</b>	<b>356</b>
		NC	-	10	18	24	29	34	38	41	44
		Throw Feet    Sill or Floor Side Wall	4-4-4 8-10-13	10-10-10 11-14-18	15-15-15 15-19-23	18-18-18 18-22-27	22-22-23 22-27-32	25-25-25 25-31-37	27-27-28 27-33-40	30-30-30 30-37-44	34-34-34 34-41-48
.222	6"	<b>CFM per Foot</b>	<b>89</b>	<b>133</b>	<b>178</b>	<b>222</b>	<b>266</b>	<b>310</b>	<b>355</b>	<b>400</b>	<b>444</b>
		NC	-	11	19	25	30	35	39	42	45
		Throw Feet    Sill or Floor Side Wall	5-5-5 9-11-14	10-10-10 13-16-20	15-15-15 16-20-24	19-19-19 20-24-29	23-23-23 24-29-34	25-25-25 28-33-39	29-29-29 30-35-41	31-31-31 34-40-46	36-36-36 38-44-50

\*\*\*El tiro está basado en una velocidad terminal de 150,100 y 50 pies por minuto\*\*\*

## Difusores Lineales • Tabla de Rendimiento DP1415 Deflexión 15°

Area Square Feet	Nominal Duct Width, Inches	Total Pressure	.012	.026	.048	.076	.107	.145	.191	.242	.300
*Effective free area, per lineal foot											
.031	1"	<b>CFM per Foot</b>	<b>12</b>	<b>19</b>	<b>25</b>	<b>31</b>	<b>37</b>	<b>43</b>	<b>50</b>	<b>46</b>	<b>62</b>
		NC	-	17	25	32	37	42	46	49	52
		Throw Feet    Sill or Floor Side Wall	1-1-1 2-4-6	3-3-3 4-7-10	5-5-5 6-10-14	7-7-7 7-12-17	9-9-10 9-14-20	10-11-12 10-16-23	12-13-15 12-18-25	13-15-17 13-20-27	14-16-18 14-22-30
.048	2"	<b>CFM per Foot</b>	<b>19</b>	<b>29</b>	<b>38</b>	<b>48</b>	<b>58</b>	<b>67</b>	<b>77</b>	<b>86</b>	<b>96</b>
		NC	-	12	20	27	32	37	41	44	47
		Throw Feet    Sill or Floor Side Wall	1-1-1 3-5-7	4-4-4 5-8-12	7-7-7 7-11-16	9-9-10 9-14-20	11-12-13 11-17-24	13-14-15 13-19-26	15-16-18 15-22-19	16-18-20 16-23-34	17-19-22 17-25-34
.067	2½"	<b>CFM per Foot</b>	<b>27</b>	<b>40</b>	<b>54</b>	<b>67</b>	<b>80</b>	<b>94</b>	<b>107</b>	<b>120</b>	<b>134</b>
		NC	-	12	20	27	32	37	41	44	47
		Throw Feet    Sill or Floor Side Wall	2-2-2 4-6-9	6-6-6 8-11-15	8-8-9 10-14-19	11-12-13 13-18-23	13-14-16 16-21-27	15-17-19 18-24-31	18-20-22 21-28-35	21-22-23 23-30-38	22-23-24 26-34-42
.086	3"	<b>CFM per Foot</b>	<b>34</b>	<b>52</b>	<b>69</b>	<b>86</b>	<b>103</b>	<b>120</b>	<b>138</b>	<b>155</b>	<b>172</b>
		NC	-	12	20	27	32	37	41	44	47
		Throw Feet    Sill or Floor Side Wall	2-2-2 4-6-9	6-6-6 8-11-15	10-10-11 10-14-19	12-13-14 13-18-23	15-16-18 16-21-27	18-19-20 18-24-31	20-21-23 21-28-35	23-24-25 23-30-38	25-25-25 26-34-42
.105	3½"	<b>CFM per Foot</b>	<b>42</b>	<b>36</b>	<b>84</b>	<b>105</b>	<b>126</b>	<b>147</b>	<b>168</b>	<b>189</b>	<b>210</b>
		NC	-	13	21	28	33	38	42	45	48
		Throw Feet    Sill or Floor Side Wall	2-2-2 6-8-11	8-8-8 9-12-16	11-11-12 12-16-21	15-15-15 14-19-24	17-18-19 18-23-29	21-21-22 21-27-33	22-23-25 23-29-36	25-25-26 25-32-40	28-28-29 28-36-44
.127	4"	<b>CFM per Foot</b>	<b>51</b>	<b>76</b>	<b>102</b>	<b>127</b>	<b>152</b>	<b>178</b>	<b>203</b>	<b>228</b>	<b>254</b>
		NC	-	14	22	29	34	39	43	46	49
		Throw Feet    Sill or Floor Side Wall	3-3-3 6-9-12	9-9-9 10-13-17	13-13-13 13-17-22	16-16-17 15-20-25	19-20-21 19-24-30	22-22-23 22-28-34	24-25-26 25-31-38	27-27-27 28-36-42	30-30-30 30-37-45
.167	5"	<b>CFM per Foot</b>	<b>67</b>	<b>100</b>	<b>134</b>	<b>167</b>	<b>200</b>	<b>234</b>	<b>267</b>	<b>301</b>	<b>334</b>
		NC	-	14	22	29	34	39	43	46	49
		Throw Feet    Sill or Floor Side Wall	4-4-4 8-11-14	10-10-10 11-15-19	14-14-14 15-19-24	18-18-18 19-23-28	21-21-22 21-26-32	24-24-25 24-30-36	26-27-28 26-32-39	30-30-30 29-36-43	32-32-32 33-39-47
.210	6"	<b>CFM per Foot</b>	<b>84</b>	<b>126</b>	<b>168</b>	<b>210</b>	<b>252</b>	<b>294</b>	<b>336</b>	<b>378</b>	<b>420</b>
		NC	-	16	24	30	35	40	44	47	50
		Throw Feet    Sill or Floor Side Wall	5-5-5 9-12-15	10-10-10 14-17-21	15-15-15 17-21-25	19-19-19 20-24-29	23-23-23 24-29-34	25-25-25 27-32-38	28-28-29 29-35-41	31-31-31 32-38-44	35-35-35 36-42-48

\*\*\*El tiro está basado en una velocidad terminal de 150,100 y 50 pies por minuto\*\*\*