

DISPLACEMENT VENTILATION PERFORMANCE DATA
MODEL XG-DD-REC 2W CENTER-LEFT/CENTER-RIGHT

| Unit Size (w x h) | Inlet Size | Neck Velocity | 200 | 300 | 400 | 500 | 600 | 700 | 800 |
|----------------------|---------------|-------------------|-------|-------|-------|-------|-------|-------|-------|
| | | Velocity Pressure | 0.002 | 0.006 | 0.010 | 0.016 | 0.022 | 0.031 | 0.040 |
| 24"x24" | 8" Dia. | CFM | 70 | 105 | 140 | 175 | 209 | 244 | 279 |
| | | Static Pressure | 0.013 | 0.028 | 0.051 | 0.082 | 0.121 | 0.167 | 0.222 |
| | | Throw | 4 | 6 | 8 | 9 | 11 | 13 | 15 |
| | | NC | 10 | 13 | 16 | 19 | 22 | 26 | 29 |
| 24"x48" | 10" Dia. | CFM | 110 | 165 | 220 | 275 | 330 | 385 | 440 |
| | | Static Pressure | 0.009 | 0.018 | 0.031 | 0.050 | 0.073 | 0.101 | 0.134 |
| | | Throw | 3 | 5 | 6 | 7 | 9 | 10 | 12 |
| | | NC | 9 | 11 | 14 | 16 | 19 | 21 | 23 |
| 36"x36" | 10" Dia. | CFM | 110 | 165 | 220 | 275 | 330 | 385 | 440 |
| | | Static Pressure | 0.007 | 0.015 | 0.024 | 0.036 | 0.053 | 0.074 | 0.102 |
| | | Throw | 2 | 4 | 4 | 5 | 7 | 9 | 9 |
| | | NC | <15 | <15 | <15 | <15 | <15 | <15 | 18 |
| 48"x24" | 10" Dia. | CFM | 110 | 165 | 220 | 275 | 330 | 385 | 440 |
| | | Static Pressure | 0.009 | 0.018 | 0.031 | 0.050 | 0.073 | 0.101 | 0.134 |
| | | Throw | 3 | 5 | 6 | 7 | 9 | 10 | 12 |
| | | NC | 9 | 11 | 14 | 16 | 19 | 21 | 23 |
| 60"x24" | 10" Dia. | CFM | 110 | 165 | 220 | 275 | 330 | 385 | 440 |
| | | Static Pressure | 0.007 | 0.012 | 0.020 | 0.031 | 0.046 | 0.063 | 0.083 |
| | | Throw | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | | NC | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| 36"x48" | 12" Dia. | CFM | 155 | 235 | 315 | 395 | 470 | 550 | 630 |
| | | Static Pressure | 0.009 | 0.016 | 0.028 | 0.045 | 0.066 | 0.091 | 0.121 |
| | | Throw | 3 | 5 | 6 | 7 | 8 | 10 | 11 |
| | | NC | 8 | 11 | 13 | 15 | 18 | 20 | 22 |
| 36"x60" | 12" Dia. | CFM | 155 | 235 | 315 | 395 | 470 | 550 | 630 |
| | | Static Pressure | 0.007 | 0.011 | 0.018 | 0.028 | 0.041 | 0.057 | 0.075 |
| | | Throw | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | | NC | 8 | 9 | 11 | 13 | 15 | 17 | 19 |
| 48"x36" | 12" Dia. | CFM | 155 | 235 | 315 | 395 | 470 | 550 | 630 |
| | | Static Pressure | 0.009 | 0.016 | 0.028 | 0.045 | 0.066 | 0.091 | 0.121 |
| | | Throw | 3 | 5 | 6 | 7 | 8 | 10 | 11 |
| | | NC | 8 | 11 | 13 | 15 | 18 | 20 | 22 |

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| Unit Size (w x h) | Inlet Size | Neck Velocity | 200 | 300 | 400 | 500 | 600 | 700 | 800 |
|----------------------|---------------|-------------------|-------|-------|-------|-------|-------|-------|-------|
| | | Velocity Pressure | 0.002 | 0.006 | 0.010 | 0.016 | 0.022 | 0.031 | 0.040 |
| 24"x24" | 16"x6" | CFM | 133 | 200 | 267 | 333 | 400 | 467 | 533 |
| | | Static Pressure | 0.006 | 0.018 | 0.040 | 0.069 | 0.108 | 0.155 | 0.211 |
| | | Throw | 7 | 11 | 14 | 17 | 21 | 24 | 27 |
| | | NC | 11 | 15 | 18 | 22 | 25 | 29 | 32 |
| 24"x48" | 16"x8" | CFM | 178 | 267 | 356 | 444 | 533 | 622 | 711 |
| | | Static Pressure | 0.008 | 0.018 | 0.034 | 0.057 | 0.086 | 0.121 | 0.163 |
| | | Throw | 5 | 7 | 9 | 12 | 14 | 16 | 18 |
| | | NC | 9 | 11 | 13 | 16 | 18 | 20 | 23 |
| 24"x60" | 18"x8" | CFM | 200 | 300 | 400 | 500 | 600 | 700 | 800 |
| | | Static Pressure | 0.006 | 0.014 | 0.027 | 0.044 | 0.068 | 0.096 | 0.129 |
| | | Throw | 5 | 7 | 9 | 11 | 13 | 15 | 17 |
| | | NC | 8 | 10 | 12 | 15 | 17 | 19 | 21 |
| 48"x24" | 16"x8" | CFM | 178 | 267 | 356 | 444 | 533 | 622 | 711 |
| | | Static Pressure | 0.008 | 0.018 | 0.034 | 0.057 | 0.086 | 0.121 | 0.163 |
| | | Throw | 5 | 7 | 9 | 12 | 14 | 16 | 18 |
| | | NC | 9 | 11 | 13 | 16 | 18 | 20 | 23 |

PERFORMANCE NOTES FOR MODEL XG-DD-REC 2W CENTER-LEFT/CENTER-RIGHT

All data is tested in accordance with ANSI/ASHRAE 70-2006.

DEFINITION OF UNITS

CFM Cubic Feet per Minute (air)

Static Pressure Total pressure (inches of water column)

Throw Distance in feet @50fpm terminal velocity with 10°FΔT cooling differential.

NC Noise criterion, sound pressure level NC ratings are based on sound power level (Lw) re: 10⁻¹² watts minus a 10dB room attenuation in all octave bands