

## Rejilla RCUL Aluminio

SPIRODUCTO + REJILLAS + DIFUSORES + FILTROS + DUCTO FLEXIBLE + ACCESORIOS

Rejilla de aluminio para retorno de aire con cuadrícula de plástico de 1/2" x 1/2".

1

### Acabados

Blanco Brillante (estándar).  
(Con opciones en otros colores)

2

### Medidas

Disponible en medidas desde  
8" x 6" hasta 48" x 24".

3

### Construcción

RCUL con marco en aluminio y cuadrícula de plástico, con opción en marco de acero modelo RCULA

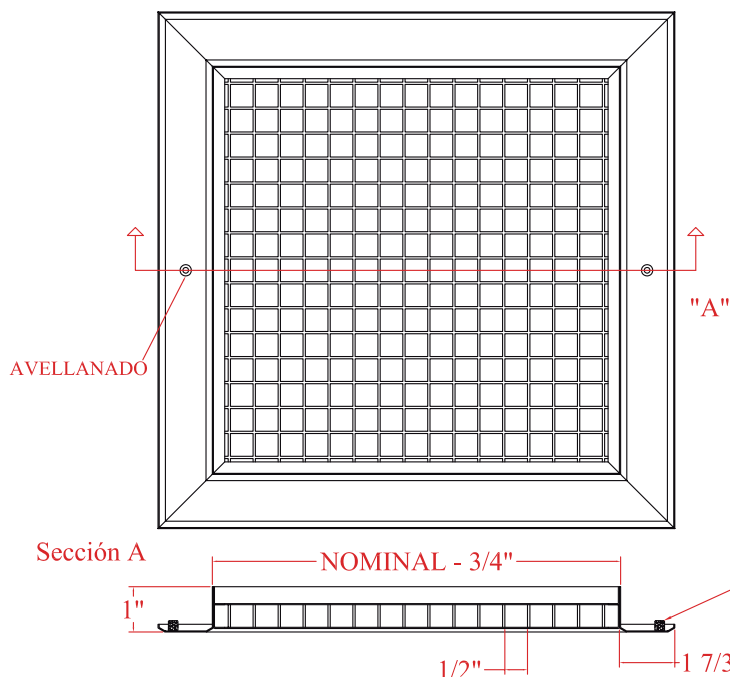
4

### Aplicaciones

Ideal en áreas privadas o de condiciones de restricciones visuales como baños públicos u oficinas.

5

### Vistas Rejilla RCUL Aluminio



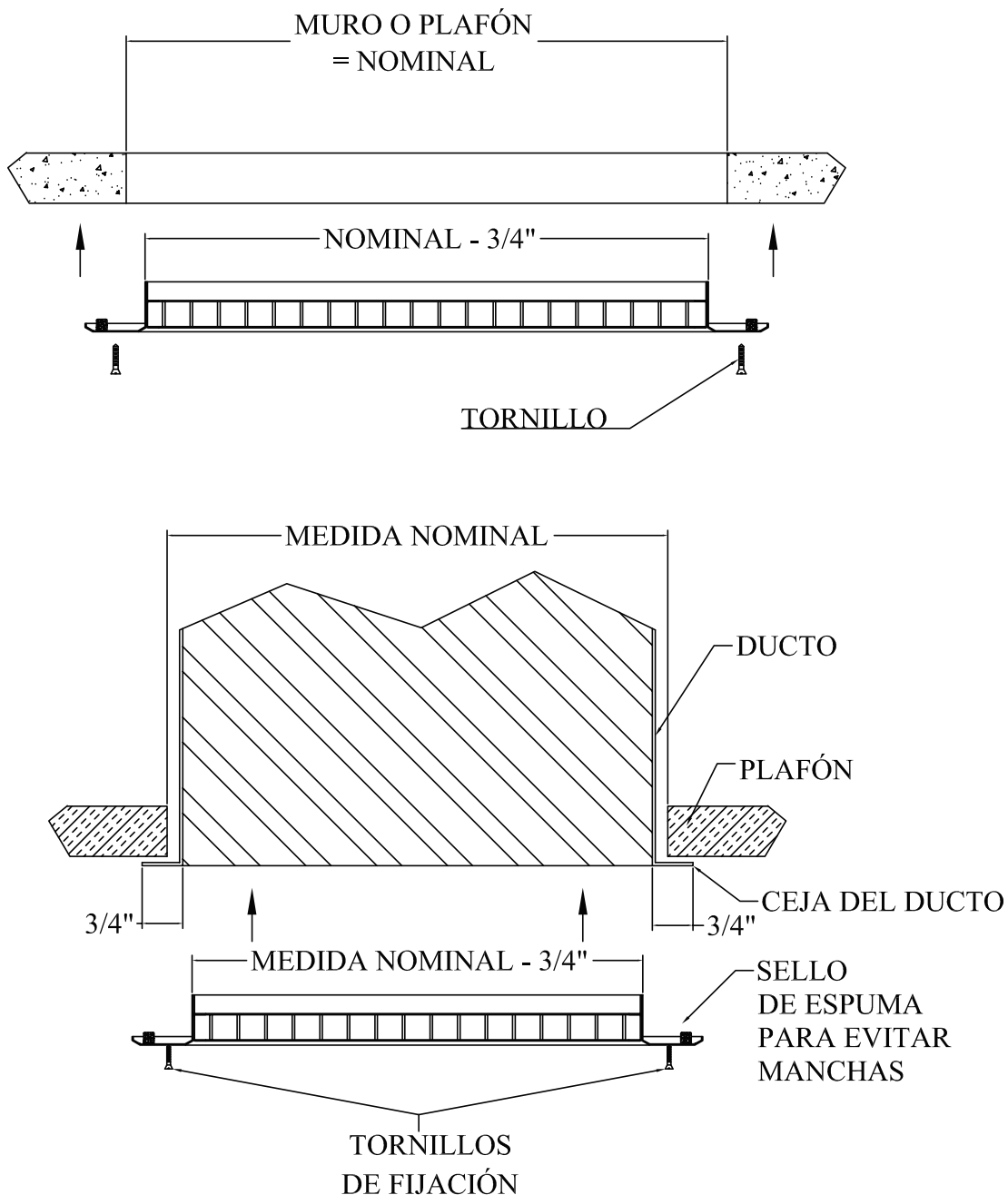
#### Nota :

Empaque plástico hermético con tornillos para fijación

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### 6 Instalación





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### 7 Nomenclatura

**RCU L B 24.00 06.00**

PRODUCTO MATERIAL COLOR DE PINTURA ANCHO ALTO

| RCU<br>PRODUCTO                                                      | L<br>MATERIAL        | B<br>COLOR DE PINTURA                                                                                      | 24.00<br>ANCHO             | 06.00<br>ALTO              |
|----------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------|
| <b>RCU</b><br>REJILLA DE<br>RETORNO CON<br>CUADRÍCULA<br>DE PLASTICO | <b>L</b><br>ALUMINIO | <b>B</b><br>BLANCO<br><b>S</b><br>SIN<br>PINTURA<br><b>A</b><br>ALUMINIO<br>(NATURAL)<br><b>N</b><br>NEGRO | 2 ENTEROS<br>Y 2 DECIMALES | 2 ENTEROS<br>Y 2 DECIMALES |



## Rejilla RCUL Aluminio

SPIRODUCTO + **REJILLAS** + DIFUSORES + FILTROS + DUCTO FLEXIBLE + ACCESORIOS

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### Tabla de Selección

La presión estática es negativa en pulgadas de agua, medidas por ANSI/ASHRAE Standard 70-2006.  
NC basado en la absorción de la habitación medidas por ANSI/ASHRAE Standard 70-2006.

| Nominal<br>Ducto | Nominal<br>Ducto | Core<br>Area | Velocidad Núcleo<br>Presión de Velocidad |       |       |       |       | NC 20 | NC 30 | NC40  |       |       |
|------------------|------------------|--------------|------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                  |                  |              |                                          | 300   | 400   | 500   | 600   | 700   | 800   | 1000  | 1200  | 1400  |
| Size<br>(in.)    | Area (sq.<br>Ft) | sq. Ft       | 1/2 x 1/2 x 1/2 Neg.<br>Ps               | 0.006 | 0.01  | 0.016 | 0.022 | 0.031 | 0.04  | 0.062 | 0.09  | 0.122 |
|                  |                  |              |                                          | 0.013 | 0.021 | 0.037 | 0.053 | 0.073 | 0.095 | 0.148 | 0.213 | 0.29  |
| 6x6              | 0.25             | 0.19         | Airflow, cfm                             | 57    | 76    | 95    | 114   | 133   | 152   | 190   | 228   | 266   |
|                  |                  |              | NC                                       | -     | -     | -     | -     | 10    | 17    | 22    | 31    | 39    |
| 8x6              | 0.33             | 0.26         | Airflow, cfm                             | 78    | 104   | 130   | 156   | 182   | 208   | 260   | 312   | 364   |
|                  |                  |              | NC                                       | -     | -     | -     | -     | 10    | 17    | 22    | 31    | 39    |
| 10x6             | 0.42             | 0.34         | Airflow, cfm                             | 102   | 136   | 170   | 204   | 238   | 272   | 340   | 408   | 476   |
|                  |                  |              | NC                                       | -     | -     | -     | -     | 11    | 17    | 23    | 32    | 39    |
| 8x8              | 0.44             | 0.37         | Airflow, cfm                             | 111   | 148   | 185   | 222   | 259   | 296   | 370   | 444   | 518   |
|                  |                  |              | NC                                       | -     | -     | -     | -     | 11    | 17    | 23    | 32    | 39    |
| 12x6             | 0.5              | 0.41         | Airflow, cfm                             | 123   | 164   | 205   | 246   | 287   | 328   | 410   | 492   | 574   |
|                  |                  |              | NC                                       | -     | -     | -     | -     | 11    | 18    | 23    | 32    | 40    |
| 14x6             | 0.58             | 0.48         | Airflow, cfm                             | 144   | 192   | 240   | 288   | 336   | 384   | 480   | 576   | 672   |
|                  |                  |              | NC                                       | -     | -     | -     | -     | 11    | 18    | 23    | 32    | 40    |
| 16x6             |                  |              | Airflow, cfm                             | 171   | 228   | 285   | 342   | 399   | 456   | 570   | 684   | 798   |
| 12x8             | 0.67             | 0.57         | NC                                       | -     | -     | -     | -     | 12    | 18    | 23    | 32    | 40    |
|                  |                  |              | Airflow, cfm                             | 177   | 236   | 295   | 354   | 413   | 472   | 590   | 708   | 826   |
|                  |                  |              | NC                                       | -     | -     | -     | -     | 12    | 18    | 23    | 33    | 40    |
| 10x10            | 0.69             | 0.59         | Airflow, cfm                             | 189   | 252   | 315   | 378   | 441   | 504   | 630   | 756   | 882   |
|                  |                  |              | NC                                       | -     | -     | -     | -     | 12    | 18    | 24    | 33    | 40    |
| 18x6             | 0.75             | 0.63         | Airflow, cfm                             | 216   | 288   | 360   | 432   | 504   | 576   | 720   | 864   | 1008  |
| 20x6             |                  |              | NC                                       | -     | -     | -     | -     | 12    | 18    | 24    | 33    | 40    |
| 12x10            | 0.83             | 0.72         | Airflow, cfm                             | 231   | 308   | 385   | 462   | 539   | 616   | 770   | 924   | 1078  |
|                  |                  |              | NC                                       | -     | -     | -     | -     | 12    | 18    | 24    | 33    | 40    |
| 22x6             | 0.92             | 0.77         | Airflow, cfm                             | 264   | 352   | 440   | 528   | 616   | 704   | 880   | 1056  | 1232  |
| 24x6             |                  |              | NC                                       | -     | -     | -     | -     | 12    | 18    | 24    | 33    | 40    |
| 12x12            | 1                | 0.88         | Airflow, cfm                             | 333   | 444   | 555   | 666   | 777   | 888   | 1110  | 1332  | 1554  |
| 30x6             |                  |              | NC                                       | -     | -     | -     | -     | 13    | 19    | 24    | 34    | 41    |
| 18x10            | 1.25             | 1.11         | Airflow, cfm                             | 366   | 488   | 610   | 732   | 854   | 976   | 1220  | 1464  | 1708  |
|                  |                  |              | NC                                       | -     | -     | -     | -     | 13    | 19    | 24    | 34    | 41    |
| 14x14            | 1.36             | 1.22         | Airflow, cfm                             | 405   | 540   | 675   | 810   | 965   | 1080  | 1350  | 1620  | 1890  |
| 36x6             |                  |              | NC                                       | -     | -     | -     | -     | 13    | 19    | 24    | 34    | 41    |
| 18x12            | 1.5              | 1.35         | Airflow, cfm                             | 411   | 548   | 685   | 822   | 959   | 1096  | 1370  | 1644  | 1918  |
|                  |                  |              | NC                                       | -     | -     | -     | -     | 13    | 19    | 25    | 34    | 41    |
| 22x10            | 1.53             | 1.37         | Airflow, cfm                             | 447   | 596   | 745   | 894   | 1043  | 1192  | 1490  | 1788  | 2086  |
| 30x8             |                  |              | NC                                       | -     | -     | -     | -     | 13    | 19    | 25    | 34    | 41    |
| 24x10            | 1.67             | 1.49         | Airflow, cfm                             | 477   | 636   | 795   | 954   | 1113  | 1272  | 1590  | 1908  | 2226  |
| 42x6             |                  |              | NC                                       | -     | -     | -     | -     | 13    | 19    | 25    | 34    | 41    |
| 18x14            | 1.75             | 1.59         | Airflow, cfm                             | 486   | 648   | 810   | 972   | 1134  | 1296  | 1620  | 1944  | 2268  |
| 16x16            | 1.78             | 1.62         | NC                                       | -     | -     | -     | -     | 13    | 19    | 25    | 34    | 41    |
|                  |                  |              | Airflow, cfm                             | 546   | 728   | 910   | 1092  | 1274  | 1456  | 1820  | 2184  | 2548  |
| 24x12            | 2                | 1.82         | NC                                       | -     | -     | -     | -     | 13    | 19    | 25    | 34    | 41    |
| 18x16            |                  |              | Airflow, cfm                             | 621   | 828   | 1035  | 1242  | 1449  | 1656  | 2070  | 2484  | 2898  |
| 18x18            | 2.25             | 2.07         | NC                                       | -     | -     | -     | -     | 13    | 19    | 25    | 34    | 41    |
|                  |                  |              | Airflow, cfm                             | 642   | 856   | 1070  | 1284  | 1498  | 1712  | 2140  | 2568  | 2996  |
| 24x14            | 2.33             | 2.14         | NC                                       | -     | -     | -     | -     | 13    | 20    | 25    | 34    | 42    |
|                  |                  |              | Airflow, cfm                             | 687   | 916   | 1145  | 1374  | 1603  | 1832  | 2290  | 2748  | 3206  |
| 30x12            | 2.5              | 2.29         | NC                                       | -     | -     | -     | -     | 13    | 20    | 25    | 34    | 42    |
|                  |                  |              | Airflow, cfm                             | 738   | 984   | 1230  | 1476  | 1722  | 1968  | 2460  | 2952  | 3444  |
| 24x16            | 2.67             | 2.46         | NC                                       | -     | -     | -     | -     | 13    | 20    | 25    | 34    | 42    |
|                  |                  |              | Airflow, cfm                             | 771   | 1028  | 1285  | 1542  | 1799  | 2056  | 2570  | 3084  | 3598  |
| 20x20            | 2.78             | 2.57         | NC                                       | -     | -     | -     | -     | 13    | 20    | 25    | 34    | 42    |
|                  |                  |              | Airflow, cfm                             | 825   | 1100  | 1375  | 1650  | 1925  | 2200  | 2750  | 3300  | 3850  |
| 36x12            | 3                | 2.75         | NC                                       | -     | -     | -     | -     | 14    | 20    | 25    | 35    | 42    |
|                  |                  |              | Airflow, cfm                             | 933   | 1244  | 1555  | 1866  | 2177  | 2488  | 3110  | 3732  | 4354  |
| 30x16            | 3.33             | 3.11         | NC                                       | -     | -     | -     | -     | 14    | 20    | 25    | 35    | 42    |
| 24x20            |                  |              | Airflow, cfm                             | 942   | 1256  | 1570  | 1884  | 2198  | 2512  | 3140  | 3768  | 4396  |
| 22x22            | 3.36             | 3.14         | NC                                       | -     | -     | -     | -     | 14    | 20    | 25    | 35    | 42    |
|                  |                  |              | Airflow, cfm                             | 966   | 1288  | 1610  | 1932  | 2254  | 2576  | 3220  | 3864  | 4508  |
| 42x12            | 3.5              | 3.22         | NC                                       | -     | -     | -     | -     | 14    | 20    | 26    | 35    | 42    |
| 36x14            |                  |              | Airflow, cfm                             | 1029  | 1372  | 1715  | 2058  | 2401  | 2744  | 3430  | 4116  | 4802  |
| 24x22            | 3.67             | 3.43         | NC                                       | -     | -     | -     | -     | 14    | 20    | 26    | 35    | 42    |
|                  |                  |              | Airflow, cfm                             | 1050  | 1400  | 1750  | 2100  | 2450  | 2800  | 3500  | 4200  | 4900  |
| 30x18            | 3.75             | 3.5          | NC                                       | -     | -     | -     | -     | 14    | 20    | 26    | 35    | 42    |

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### Tabla de Selección (continuación)

La presión estática es negativa en pulgadas de agua, medidas por ANSI/ASHRAE Standard 70-2006.  
NC basado en la absorción de la habitación medidas por ANSI/ASHRAE Standard 70-2006.

|            |               |        |                         |       |       |       |       | NC 20 | NC 30 | NC 40 |       |       |
|------------|---------------|--------|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Nominal    | Nominal       | Núcleo | Velocidad de Núcleo     | 300   | 400   | 500   | 600   | 700   | 800   | 1000  | 1200  | 1400  |
| Ducto      | Ducto         | Area   | Velocidad de Presión    | 0.006 | 0.01  | 0.016 | 0.022 | 0.031 | 0.04  | 0.062 | 0.09  | 0.122 |
| Size (in.) | Area (sq. Ft) | sq. Ft | 1/2 x 1/2 x 1/2 Neg. Ps | 0.013 | 0.021 | 0.037 | 0.053 | 0.073 | 0.095 | 0.148 | 0.213 | 0.29  |
| 48x12      |               |        | Airflow, cfm            | 1125  | 1500  | 1875  | 2250  | 2625  | 3000  | 3750  | 4500  | 5250  |
| 24x24      | 4             | 3.75   | NC                      | -     | -     | -     | 14    | 20    | 26    | 35    | 42    | 49    |
|            |               |        | Airflow, cfm            | 1266  | 1688  | 2110  | 2532  | 2954  | 3376  | 4220  | 5064  | 5908  |
| 36x18      | 4.5           | 4.22   | NC                      | -     | -     | -     | 14    | 20    | 26    | 35    | 43    | 49    |
| 36x20      |               |        | Airflow, cfm            | 1413  | 1884  | 2355  | 2826  | 3297  | 3768  | 4710  | 5652  | 6594  |
| 30x24      | 5             | 4.71   | NC                      | -     | -     | -     | 14    | 21    | 26    | 35    | 43    | 49    |
|            |               |        | Airflow, cfm            | 1482  | 1976  | 2470  | 2964  | 3458  | 3952  | 4940  | 5928  | 6916  |
| 42x18      | 5.25          | 4.94   | NC                      | -     | -     | -     | 14    | 21    | 26    | 35    | 43    | 49    |
|            |               |        | Airflow, cfm            | 1548  | 2064  | 2580  | 3096  | 3612  | 4128  | 5160  | 6192  | 7224  |
| 28x28      | 5.44          | 5.16   | NC                      | -     | -     | -     | 14    | 21    | 26    | 35    | 43    | 49    |
| 42x20      |               |        | Airflow, cfm            | 1653  | 2204  | 2755  | 3306  | 3857  | 4408  | 5510  | 6612  | 7714  |
| 30x28      | 5.83          | 5.51   | NC                      | -     | -     | -     | 14    | 21    | 26    | 35    | 43    | 49    |
| 48x18      |               |        | Airflow, cfm            | 1698  | 2264  | 2830  | 3396  | 3962  | 4528  | 5660  | 6792  | 7924  |
| 36x24      | 6             | 5.66   | NC                      | -     | -     | -     | 14    | 21    | 26    | 35    | 43    | 49    |
|            |               |        | Airflow, cfm            | 1782  | 2376  | 2970  | 3564  | 4158  | 4752  | 5940  | 7128  | 8316  |
| 30x30      | 6.25          | 5.94   | NC                      | -     | -     | -     | 15    | 21    | 26    | 35    | 43    | 49    |
| 42x24      |               |        | Airflow, cfm            | 1998  | 2664  | 3330  | 3996  | 4662  | 5328  | 6660  | 7992  | 9324  |
| 36x28      | 7             | 6.66   | NC                      | -     | -     | -     | 15    | 21    | 26    | 36    | 43    | 49    |
|            |               |        | Airflow, cfm            | 2004  | 2672  | 3340  | 4008  | 4676  | 5344  | 6680  | 8016  | 9352  |
| 46x22      | 7.03          | 6.68   | NC                      | -     | -     | -     | 15    | 21    | 26    | 36    | 43    | 49    |
|            |               |        | Airflow, cfm            | 2034  | 2712  | 3390  | 4068  | 4746  | 5424  | 6780  | 8136  | 9492  |
| 32x32      | 7.11          | 6.78   | NC                      | -     | -     | -     | 15    | 21    | 27    | 36    | 43    | 49    |
|            |               |        | Airflow, cfm            | 2148  | 2864  | 3580  | 4296  | 5012  | 5728  | 7160  | 8592  | 10024 |
| 36x30      | 7.5           | 7.16   | NC                      | -     | -     | -     | 15    | 21    | 27    | 36    | 43    | 49    |
| 48x24      |               |        | Airflow, cfm            | 2289  | 3052  | 3815  | 4578  | 5341  | 6104  | 7630  | 9156  | 10682 |
| 36x32      | 8             | 7.63   | NC                      | -     | -     | -     | 15    | 21    | 27    | 36    | 43    | 49    |
|            |               |        | Airflow, cfm            | 2304  | 3072  | 3840  | 4608  | 5376  | 6144  | 7680  | 9216  | 10752 |
| 34x34      | 8.03          | 7.68   | NC                      | -     | -     | -     | 15    | 21    | 27    | 36    | 43    | 49    |
|            |               |        | Airflow, cfm            | 2442  | 3256  | 4070  | 4884  | 5698  | 6512  | 8140  | 9768  | 11396 |
| 36x34      | 8.5           | 8.14   | NC                      | -     | -     | -     | 15    | 21    | 27    | 36    | 43    | 49    |
|            |               |        | Airflow, cfm            | 2514  | 3352  | 4190  | 5028  | 5866  | 6704  | 8380  | 10056 | 11732 |
| 42x30      | 8.75          | 8.38   | NC                      | -     | -     | -     | 15    | 21    | 27    | 36    | 43    | 50    |
|            |               |        | Airflow, cfm            | 2589  | 3452  | 4315  | 5178  | 6041  | 6904  | 8630  | 10356 | 12082 |
| 36x36      | 9             | 8.63   | NC                      | -     | -     | -     | 15    | 21    | 27    | 36    | 43    | 50    |
| 42x34      |               |        | Airflow, cfm            | 2880  | 3840  | 4800  | 5760  | 6720  | 7680  | 9600  | 11520 | 13440 |
| 48x30      | 10            | 9.6    | NC                      | -     | -     | -     | 15    | 21    | 27    | 36    | 43    | 50    |
|            |               |        | Airflow, cfm            | 2892  | 3856  | 4820  | 5784  | 6748  | 7712  | 9640  | 11568 | 13496 |
| 38x38      | 10.03         | 9.64   | NC                      | -     | -     | -     | 15    | 21    | 27    | 36    | 43    | 50    |
|            |               |        | Airflow, cfm            | 3030  | 4040  | 5050  | 6060  | 7070  | 8080  | 10100 | 12120 | 14140 |
| 42x36      | 10.5          | 10.1   | NC                      | -     | -     | -     | 15    | 22    | 27    | 36    | 44    | 50    |
|            |               |        | Airflow, cfm            | 3135  | 4180  | 5225  | 6270  | 7315  | 8360  | 10450 | 12540 | 14630 |
| 46x34      | 10.86         | 10.45  | NC                      | -     | -     | -     | 15    | 22    | 27    | 36    | 44    | 50    |
|            |               |        | Airflow, cfm            | 3201  | 4268  | 5335  | 6402  | 7469  | 8536  | 10670 | 12804 | 14938 |
| 42x38      | 11.08         | 10.67  | NC                      | -     | -     | -     | 15    | 22    | 27    | 36    | 44    | 50    |
|            |               |        | Airflow, cfm            | 3210  | 4280  | 5350  | 6420  | 7490  | 8560  | 10700 | 12840 | 14980 |
| 40x40      | 11.11         | 10.7   | NC                      | -     | -     | -     | 15    | 22    | 27    | 36    | 44    | 50    |
|            |               |        | Airflow, cfm            | 3471  | 4628  | 5785  | 6942  | 8099  | 9256  | 11570 | 13884 | 16198 |
| 48x36      | 12            | 11.57  | NC                      | -     | -     | -     | 15    | 22    | 27    | 36    | 44    | 50    |
|            |               |        | Airflow, cfm            | 3546  | 4728  | 5910  | 7092  | 8274  | 9456  | 11820 | 14184 | 16548 |
| 42x42      | 12.25         | 11.82  | NC                      | -     | -     | -     | 15    | 22    | 27    | 36    | 44    | 50    |
|            |               |        | Airflow, cfm            | 3897  | 5196  | 6495  | 7794  | 9093  | 10392 | 12990 | 15588 | 18186 |
| 44x44      | 13.44         | 12.99  | NC                      | -     | -     | -     | 16    | 22    | 27    | 36    | 44    | 50    |
|            |               |        | Airflow, cfm            | 4062  | 5416  | 6770  | 8124  | 9478  | 10832 | 13540 | 16248 | 18956 |
| 48x42      | 14            | 13.54  | NC                      | -     | -     | -     | 16    | 22    | 27    | 37    | 44    | 50    |
|            |               |        | Airflow, cfm            | 4266  | 5688  | 7110  | 8532  | 9954  | 11376 | 14220 | 17064 | 19908 |
| 46x46      | 14.69         | 14.22  | NC                      | -     | -     | -     | 16    | 22    | 27    | 37    | 44    | 50    |
|            |               |        | Airflow, cfm            | 4455  | 5940  | 7425  | 8910  | 10395 | 11880 | 14850 | 17820 | 20790 |
| 48x46      | 15.33         | 14.85  | NC                      | -     | -     | -     | 16    | 22    | 27    | 37    | 44    | 50    |
|            |               |        | Airflow, cfm            | 4650  | 6200  | 7750  | 9300  | 10850 | 12400 | 15500 | 18600 | 21700 |
| 48x48      | 16            | 15.5   | NC                      | -     | -     | -     | 16    | 22    | 28    | 37    | 44    | 50    |