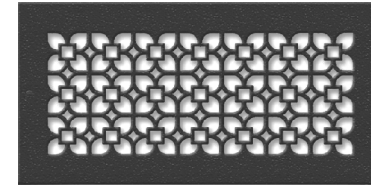
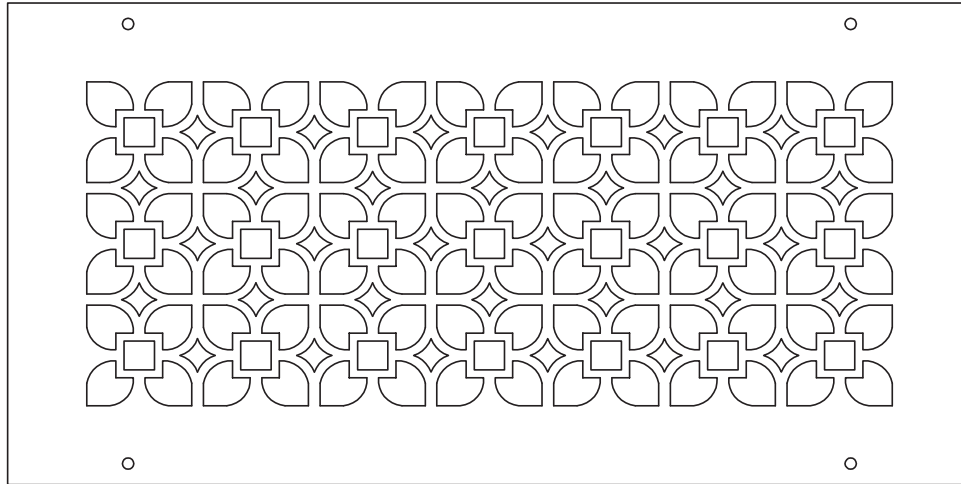
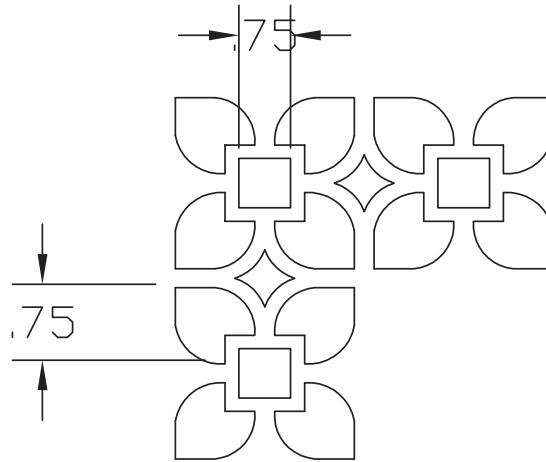


PATTERN DETAIL MEASUREMENTS

NOTE: measurements are approximate and will vary with register size.



ROYAL PALM DESIGN AIR FLOW / PERFORMANCE DATA

| | 250 | 500 | 750 | 1000 | 1500 |
|------------------------------|-----------------------------|------|-------|-------|-------|
| Velocity | 250 | 500 | 750 | 1000 | 1500 |
| Static Pressure | 0.015 | 0.03 | 0.046 | 0.061 | 0.093 |
| SIZE | CUBIC FEET PER MINUTE (CFM) | | | | |
| 6x6 (.25ft ²) | 40 | 80 | 120 | 160 | 235 |
| 8x8 (.44ft ²) | 70 | 140 | 210 | 280 | 425 |
| 10x10 (.69ft ²) | 110 | 220 | 330 | 440 | 660 |
| 12x12 (1.0ft ²) | 160 | 320 | 475 | 635 | 955 |
| 14x14 (1.36ft ²) | 216 | 431 | 647 | 862 | 1294 |
| 8x6 (.33ft ²) | 53 | 106 | 158 | 211 | 317 |
| 10x6 (.42ft ²) | 66 | 132 | 198 | 264 | 396 |
| 12x6 (.5ft ²) | 79 | 158 | 238 | 317 | 475 |
| 14x6 (.58ft ²) | 92 | 185 | 277 | 370 | 554 |
| 16x6 (.67ft ²) | 106 | 211 | 317 | 422 | 634 |
| 18x6 (.75ft ²) | 119 | 238 | 356 | 475 | 713 |
| 20x6 (.83ft ²) | 132 | 264 | 396 | 528 | 792 |
| 10x8 (.56ft ²) | 88 | 176 | 264 | 352 | 528 |
| 12x8 (.67ft ²) | 106 | 211 | 317 | 422 | 634 |
| 14x8 (.78ft ²) | 123 | 246 | 370 | 493 | 739 |
| 8x4 (.22ft ²) | 35 | 70 | 106 | 141 | 211 |
| 10x4 (.28ft ²) | 44 | 88 | 132 | 176 | 264 |
| 12x4 (.33ft ²) | 53 | 106 | 158 | 211 | 317 |



MATERIAL: 11 GAUGE STEEL
 ABOVE DIMENSIONS ARE IN INCHES
 FINISH: TO BE DETERMINED
 OVERALL OPENNESS, ROYAL PALM PATTERN, 63%
 PROJECT:

| | |
|----------|----------|
| SCALE | NONE |
| DRAWN | DL |
| DATE | 10-18-06 |
| Q.A. | |
| COMMENTS | |

ROYAL PALM DESIGN

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Royal Palm ~ Submittal Sample