

Performance Data



645TFG Series

| TBAR Size | Filter Size | Core Eff. Area (ft ²) | Neck Velocity (FPM) | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
|-----------|-------------|-----------------------------------|---------------------|----------|-------|-------|-------|-------|-------|-------|-------|
| | | | | Velocity | 0.018 | 0.032 | 0.048 | 0.070 | 0.092 | 0.120 | 0.140 |
| 1'x1' | 8x8 | 0.367 | CFM | 110 | 147 | 184 | 220 | 257 | 294 | 330 | 367 |
| | | | NC | <20 | <20 | <20 | <20 | <20 | 20 | 20-25 | 25-30 |
| 1'x2' | 8x20 | 0.935 | CFM | 281 | 374 | 468 | 561 | 655 | 748 | 842 | 935 |
| | | | NC | <20 | <20 | <20 | <20 | <20 | 25 | 25-30 | 30 |
| 2'x2' | 20x20 | 2.384 | CFM | 715 | 954 | 1192 | 1430 | 1669 | 1907 | 2146 | 2384 |
| | | | NC | <20 | <20 | <20 | <20 | <20 | 20 | 20-25 | 25-30 |
| 2'x4' | 20x44 | 5.280 | CFM | 1584 | 2112 | 2640 | 3168 | 3696 | 4224 | 4752 | 5280 |
| | | | NC | <20 | <20 | <20 | <20 | <20 | 25 | 25-30 | 30 |

Performance Notes:

- 1) Effective core areas listed in chart are defined as the measurement of space between the blades actually being utilized by the air
- 2) Data obtained from tests conducted in accordance with ANSI/ASHRAE standard 70-2006