

Performance Data



115T Series

| Neck Size | Core Eff. Area (ft ²) | Neck Velocity (FPM) | | 300 | | | 400 | | | 500 | | | 600 | | | 700 | | | 800 | | | 900 | | | 1000 | | | 1200 | | |
|-----------|-----------------------------------|---------------------|----------|-------|---|-----|-------|---|-----|-------|-----|-----|-------|----|-------|-------|----|-----|-------|----|-------|-------|----|-------|-------|----|-----|-------|----|--|
| | | Velocity | Pressure | 0.007 | | | 0.011 | | | 0.017 | | | 0.024 | | | 0.032 | | | 0.044 | | | 0.056 | | | 0.067 | | | 0.095 | | |
| 6" | 0.175 | CFM | 53 | | | 70 | | | 88 | | | 105 | | | 123 | | | 140 | | | 158 | | | 175 | | | 210 | | | |
| | | NC | <20 | | | <20 | | | <20 | | | 20 | | | 20 | | | 25 | | | 25 | | | 25 | | | 30 | | | |
| | | Throw (ft.) | 2 | 2 | 3 | 2 | 2 | 4 | 2 | 2.5 | 4.5 | 3 | 3.5 | 5 | 4 | 5 | 8 | 4 | 5 | 7 | 5 | 6 | 9 | 6 | 7 | 10 | 7 | 9 | 11 | |
| 8" | 0.311 | CFM | 93 | | | 124 | | | 156 | | | 187 | | | 218 | | | 249 | | | 280 | | | 311 | | | 373 | | | |
| | | NC | <20 | | | <20 | | | <20 | | | 20 | | | 20 | | | 25 | | | 25 | | | 30 | | | 30 | | | |
| | | Throw (ft.) | 2 | 3 | 5 | 3 | 4 | 6 | 3 | 4 | 7 | 4 | 5 | 9 | 5 | 6 | 10 | 5 | 7 | 11 | 6 | 8 | 12 | 8 | 9 | 13 | 9 | 10 | 14 | |
| 10" | 0.486 | CFM | 146 | | | 194 | | | 243 | | | 292 | | | 340 | | | 389 | | | 438 | | | 486 | | | 583 | | | |
| | | NC | <20 | | | <20 | | | <20 | | | 20 | | | 20-25 | | | 25 | | | 25-30 | | | 30 | | | 30 | | | |
| | | Throw (ft.) | 3 | 3 | 6 | 3 | 4 | 8 | 4 | 5 | 9 | 5 | 6 | 10 | 6 | 8 | 12 | 6 | 8 | 13 | 7 | 9 | 14 | 9 | 10 | 16 | 10 | 11 | 17 | |
| 12" | 0.700 | CFM | 210 | | | 280 | | | 350 | | | 420 | | | 490 | | | 560 | | | 630 | | | 700 | | | 840 | | | |
| | | NC | <20 | | | <20 | | | 20 | | | 20 | | | 20-25 | | | 25 | | | 30 | | | 30-35 | | | 35 | | | |
| | | Throw (ft.) | 3 | 4 | 8 | 4 | 5 | 9 | 5 | 7 | 11 | 6 | 8 | 14 | 7 | 9 | 15 | 8 | 10 | 16 | 9 | 11 | 17 | 10 | 12 | 18 | 11 | 13 | 19 | |

Performance Notes:

- 1) For square neck multiply CFM x 1.21
- 2) Throw values are measured in feet for terminal velocities of 150/100/50 FPM
- 3) Throw data is based on supply air and room air both at isothermal conditions
- 4) Effective core areas listed in chart are defined as the measurement of space between the blades actually being utilized by the air
- 5) Data obtained from tests conducted in accordance with ANSI/ASHRAE standard 70-2006