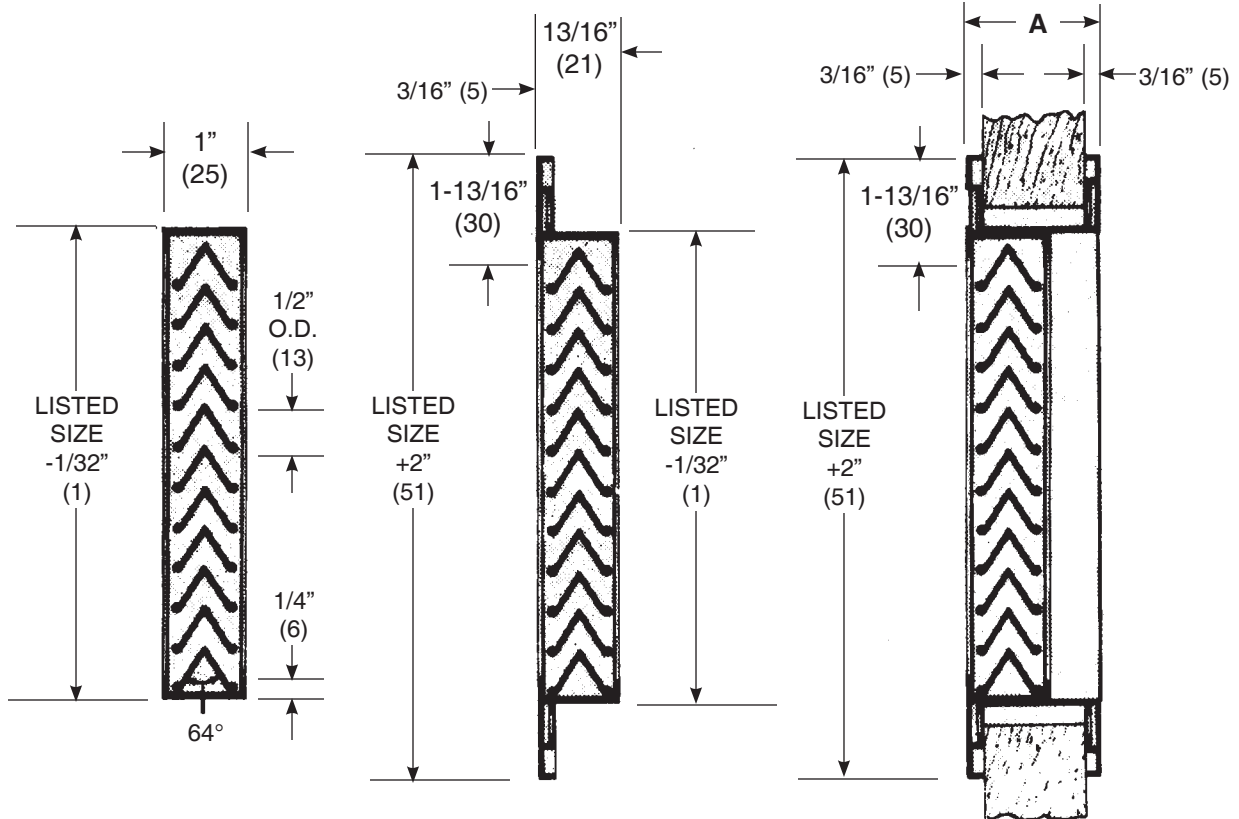


**Imperial [IP] Dimensions
Metric (SI) in Parentheses**

CARNES COMPANY, 448 S. Main St., P. O. Box 930040, Verona, WI 53593-0040 Phone (608) 845.6411 Fax: (608) 845.6504 carnes@carnes.com



MODEL RFJAH
CORE with
CHANNEL FRAME

MODEL RFJAS
with SINGLE
FLANGE FRAME

MODEL RFJAD
with ADJUSTABLE
DOUBLE FLANGE FRAME

| SIZE | EFF. AREA | VELOCITY DUCT Ps | VELOCITY | | | | | | | |
|-------|-----------|---------------------|-------------|-------------|------------|-------------|-------------|------------|------------|--|
| | | | 300 0.18 | 400 0.25 | 500 0.4 | 600 0.61 | 700 0.82 | 800 1.1 | 900 1.4 | |
| 14x6 | .50 ft. | CFM | 149 | 194 | 243 | 293 | 338 | 387 | 455 | |
| 10x8 | | NC | <20 | <20 | <20 | 20 | <20 | 25 | 30 | |
| 20x4 | | | | | | | | | | |
| 12x8 | .62 ft. | CFM | 185 | 275 | 355 | 410 | 485 | 550 | 630 | |
| 10x10 | | NC | <20 | <20 | <20 | 20 | <20 | 25 | 25 | |
| 16x6 | | | | | | | | | | |
| 12x12 | .89 ft. | CFM | 270 | 395 | 495 | 580 | 675 | 775 | 880 | |
| 18x8 | | NC | <20 | <20 | <20 | 25 | 25 | 30 | 30 | |
| 24x6 | | | | | | | | | | |
| 16x12 | 1.11 ft. | CFM | 333 | 490 | 615 | 740 | 855 | 980 | 1100 | |
| 14x14 | | NC | <20 | <20 | <20 | 20 | 20 | 20-25 | 25 | |
| 20x10 | | | | | | | | | | |
| 24x12 | 1.60 ft. | CFM | 482 | 710 | 890 | 1070 | 1245 | 1425 | 1635 | |
| 20x14 | | NC | <20 | <20 | 20 | 20-25 | 20-25 | 20-25 | 30 | |
| 18x16 | | | | | | | | | | |
| 30x14 | 2.21 ft. | CFM | 671 | 887 | 1107 | 1328 | 1548 | 1778 | 2003 | |
| 20x16 | | NC | <20 | <20 | 20-25 | 20-25 | 30-35 | 35 | 35 | |
| 20x20 | | | | | | | | | | |
| 24x20 | 2.64 ft. | CFM | 783 | 1044 | 1305 | 1566 | 1818 | 1093 | 2372 | |
| 30x16 | | NC | <20 | <20 | 20-25 | 30-35 | 35 | 35 | 35-40 | |
| 30x20 | | | | | | | | | | |
| 24x24 | 3.12 ft. | CFM | 936 | 1247 | 1560 | 1872 | 2183 | 2493 | 2799 | |
| 16x36 | | NC | 20 | 20-25 | 30-35 | 35 | 35-40 | 35-40 | 40 | |

NOTES:

1. FREE AREA APPROXIMATELY 80%.
2. EXTRUDED ALUMINUM CORE AND FRAME.
3. DEFAULT FINISH IS #11 BRIGHT WHITE.
4. .050 (1) EXTRUDED ALUMINUM FRAME AND BLADES.

| A Minimum | A Maximum |
|-------------|-----------|
| 1-1/4" (32) | 2" (51) |