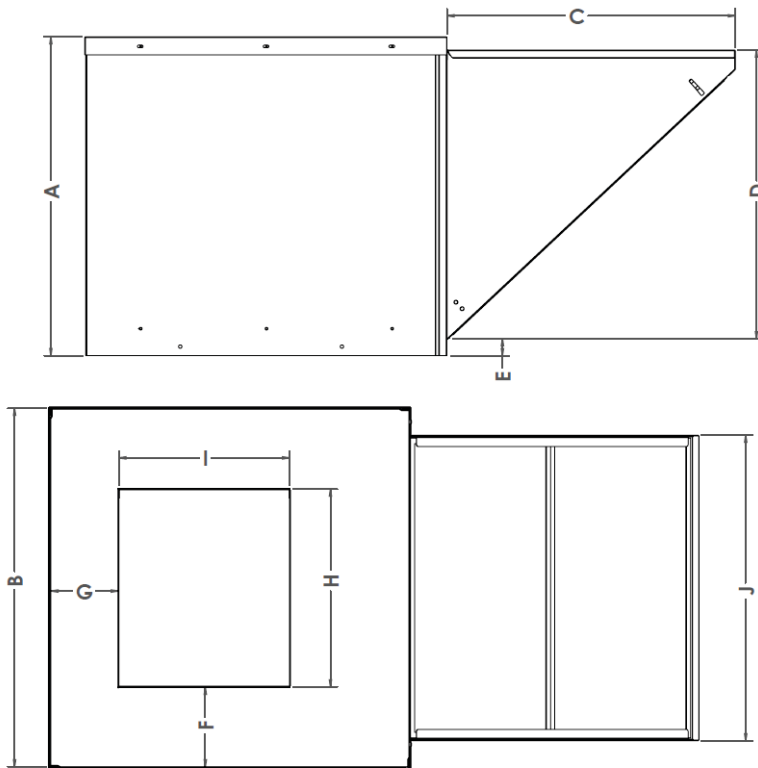


**Imperial [IP] Dimensions
Metric (SI) In Parentheses**

CARNES COMPANY 448 S. Main St., P. O. Box 930040, Verona, WI 53593-0040 Phone: (608)845-6411 Fax: (608)845-6504 www.carnes.com



STANDARD FEATURES

- All fans bear the AMCA certified ratings seal for sound and air performance.
- Permanent, washable 1" aluminum filters are standard (2' aluminum filters optional).
- Disconnect (NEMA 1) is factory mounted within the unit housing.
- 1" flange duct connections at outlet.
- Adjustable motor sheave factory preset to requested RPM.
- Dual drive belts furnished on 5 HP and above.
- Pillow Block Bearing $L_{50} = 200,000$ hours, isolated from the airstream.
- Permanently lubricated ball bearings.
- Pre-punched mounting base.
- Blower statically and dynamically balanced.
- Housing panels 18 gauge galvanized.

DIMENSIONS LISTED IN INCHES (Millimeters)

| Size | A | B sq. | C | D | E | F | G | H | I | J |
|------|---------------|---------------|---------------|---------------|------------|--------------|--------------|--------------|--------------|---------------|
| 10 | 24-1/2 (622) | 29-3/4 (756) | 21-3/4 (552) | 21-1/8 (537) | 1-7/8 (48) | 8-7/8 (225) | 9-1/4 (235) | 13-7/8 (352) | 11-5/8 (295) | 23-3/4 (603) |
| 12 | 31-1/2 (800) | 33-3/4 (857) | 29 (737) | 28-1/8 (714) | 1-7/8 (48) | 9-1/8 (232) | 10-1/8 (257) | 15-3/4 (400) | 13-5/8 (346) | 27-3/4 (705) |
| 15 | 31-1/2 (800) | 33-3/4 (857) | 29 (737) | 28-1/8 (714) | 1-7/8 (48) | 7-5/8 (194) | 9-7/8 (251) | 18-7/8 (479) | 16-1/8 (410) | 27-3/4 (705) |
| 18 | 35-1/2 (901) | 39-3/4 (1010) | 32-1/8 (816) | 32-1/8 (816) | 1-7/8 (48) | 9 (229) | 13-1/4 (337) | 22-1/8 (562) | 19-1/8 (486) | 33-3/4 (857) |
| 20 | 47-1/2 (1206) | 45-3/4 (1162) | 40-1/8 (1019) | 44-1/8 (1121) | 1-7/8 (48) | 11-1/2 (292) | 14-1/2 (368) | 23 (584) | 25 (635) | 39-3/4 (1010) |

STANDARD MATERIAL GAUGE

| Units Size | Curb Cap | Side Panel | Cover | Intake Side Panel | Intake Lid | Bottom Filter Rail | Top Filter Rail | Blower Support | Blower Shaft Dia. (in) |
|------------|----------|------------|-------|-------------------|------------|--------------------|-----------------|----------------|------------------------|
| 10 | 16 | 18 | 18 | 18 | 18 | 16 | 18 | 14 | 0.75 |
| 12 | 16 | | | | | 14 | | 1.00 | |
| 15 | 16 | | | | | 14 | | 1.00 | |
| 18 | 14 | | | | | 14 | | 1.00 | |
| 20 | 14 | | | | | — | | 1.19 | |