

HIGH VELOCITY BASKET FAN

INDUSTRIAL

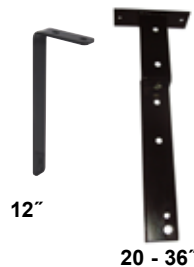
PRODUCT HIGHLIGHTS

FEATURES:

- Standard OSHA safety guards on intake and exhaust
- Powder coated guards for corrosion resistance
- Versatile wall and ceiling mount pivots 180 ° and fan can turn 360 °
- Motors are totally enclosed, high efficiency with sealed ball bearings.
- Industry leading fan efficiency, up to 30 CFM/Watt
- Easy to clean with no corners for dirt or disease build-up
- Optional open guard style available
- 2 year warranty on Motor and 1 year limited warranty on all other parts

IDEAL APPLICATIONS:

- Exceptional air velocity is ideal for corrosive environments
- People cooling in factories, warehouses and sporting events
- Air de-stratification
- Insect control
- Used to change the air in shipping trucks and containers when loading or unloading
- Cooling for machines
- Surface drying for wet floors and animal bedding
- Heat stress relief inside and outside



Hanging Brackets



Our High Velocity Basket Fan is the most powerful and efficient basket fan available in the market today. Our tapered intake and exhaust is designed for optimum performance, maximum air velocity and distance coverage. This fan is designed for the harshest environments. The standard OSHA safety guards mean you can mount this fan at any height. Designed for performance and efficiency, our new series again raises the bar for the competition to follow.

MOTOR FEATURES:

- Motor is CSA/CSA-US approved
- 50/60 hz
- Rotors have been balanced to reduce noise vibration and prolong life
- Silicon steel rotors and stators



- Motor enclosures have been machined to <0.5mm to reduce rotor shaft play
- Copper Windings
- Bearing Specifications -40°C to 140°C
- Capacitor rating 450vac, 10,000 hours for extended life
- All CFM numbers include 30% entrained air
- All HVB fans are 60 HZ

| Part # | Size | HP | Spd | Voltage | Ph | AMP H/L | RPM | Blade | Cord | Wt. lb |
|-----------|------|------|-----|---------|----|------------|------|--------|------|--------|
| HVB12110C | 12" | 1/10 | VAR | 115 | 1 | 1.3 | 1725 | 3-Alum | 9' | 21.75 |
| HVB2013 | 20" | 1/3 | VAR | 115/230 | 1 | 4.18/2.05 | 1725 | 3-Alum | N/A | 36 |
| HVB2013C | 20" | 1/3 | VAR | 115 | 1 | 4.18 | 1725 | 3-Alum | 9' | 36.5 |
| HVB2412 | 24" | 1/2 | VAR | 115/230 | 1 | 4.7/2.35 | 1725 | 3-Alum | N/A | 46 |
| HVB2412C | 24" | 1/2 | VAR | 115 | 1 | 4.7 | 1725 | 3-Alum | 9' | 46.5 |
| HVB3612 | 36" | 1/2 | 1 | 115/230 | 1 | 6.35/3.18 | 825 | 3-Galv | N/A | 65 |
| HVB36123P | 36" | 1/2 | 1 | 230/460 | 3 | 1.8/9 | 850 | 3-Galv | N/A | 65 |

Standard finish in white. Two year warranty on Motor and 1 year limited warranty on all other parts.

| Test # | Model | Style | Size | LBF Thrust | Input Power (kW) | Thrust Efficiency Ratio(lbf/kw) | Thrust CFM/ Watt | 5D Center line Velocity (fpm) | Thrust CFM |
|-----------------------------------|-----------|--------|------|---------------|------------------------|---------------------------------------|------------------------|-------------------------------------|---------------|
| BESS LAB Certified Testing | | | | | | | | | |
| c09208 | HVB2412C | Basket | 24" | 5.34 | 0.425 | 12.6 | 12.2 | 1160 | 5200 |
| c09207 | HVB3612 | Basket | 36" | 7.52 | 0.521 | 14.4 | 17.7 | 910 | 9240 |
| c09209 | HVB36123P | Basket | 36" | 7.82 | 0.41 | 19.1 | 23 | 790 | 9430 |



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