

# HIGH VELOCITY BASKET FAN

AGRICULTURAL

## 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 animal cooling in dairy or corrosive environments like swine and poultry
- 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



12"



20 - 36"

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



**Environmental Solutions, LLC.**  
vesenviro.com

8296 Commerce Pkwy,  
Chippewa Falls, WI 54729 USA  
Toll Free Tel.: (888) 622-2999  
Tel.: (715) 720-0800  
info@vesenviro.com

Part #	Size	HP	Spd	Voltage	Ph	AMP		RPM	Blade	Cord	Wt. lb
						H/L					
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	1.8/1.9	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
<b>BESS LAB Certified Testing</b>									
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