



HVLS FAN SPECS

SUPERDUTYFANS.COM | 469-934-6640

AIRFOIL DIAMETER	7'	10'	10HO	15HO	20HO
AIRFOIL MATERIAL	Injection Molded Poly Resin Fiber Blend				
AIRFOIL WIDTH	5"-8"	6"-11"	6"-11"	7"-13"	8"-15"
NUMBER OF AIRFOILS	3	3	6	6	6
PERFORMANCE	7'	10'	10HO	15HO	20HO
MAX SPEED (RPM)	150	120	150	120	110
RECOMMENDED SPACING	30'	40'	60'	90'	120'
MAX EFFECTED AREA (SQFT)	9,500	11,300	13,250	17,650	22,650
SOUND LEVEL DBA @ MAX SPEED	<55	<55	<55	<55	<55
AIR VOLUME (CFM)	31,000	47,000	81,000	148,000	325,000
HANGING REQUIREMENTS	7'	10'	10HO	15HO	20HO
HANGING WEIGHT (LBS)	77	93	124	141	178
MAX TORQUE (FT/LB)	18	23	35	44	77
MOTOR & DRIVE TRAIN	7'	10'	10HO	15HO	20HO
MOTOR TYPE	Permanent Magnet Synchronous Motor (PMSM)				
EQUIVALENT HORSEPOWER RATING	.75 HP	.75 HP	1.0 HP	1.75 HP	1.75 HP
OPERATING TEMP RANGE	32°- 140° F (0°-60° C)				
MAX AMP DRAW	7'	10'	10HO	15HO	20HO
110V-120V SINGLE PHASE	5.8 A	6.2 A	16.1 A	N/A	N/A
208V-240V SINGLE PHASE	2.9 A	3.1 A	8.0 A	10 A	12 A
208V-240V THREE PHASE	2.2 A	2.4 A	4.2 A	6.1 A	6.8 A
400V-480V THREE PHASE	1.1 A	1.2 A	2.1 A	3.0 A	3.4 A
RATINGS & COMPLIANCE	7'	10'	10HO	15HO	20HO
FIRE & SPRINKLER	NFPA 13 & NFPA 72 Compliant				
CERTIFICATIONS	Drive: UL-Certified to ANSUI/UL 507 & CSA C22.2 NO. 113, IEC 61800-3 & CE				
WASH DOWN DUTY RATING	Damp Rated				
SAFETY FEATURES	Reinforced Blade Attachment System, Safety Retention Cable, Motor & Drive Protections, Fire Relay, Guy Wire System				
WARRANTY	10 Years on Mechanical, 5 Years on Motor, 1 Year on VFD, Labor not included.				
POWER & CONTROLS	7'	10'	10HO	15HO	20HO
POWER SOURCE	110 V, 1 Phase, 1.0 HP is Standard			230 V, 1 Phase, 2.0 HP is Standard	
MAIN CONTROLLER	Variable Frequency Drive				
INSTALLATION	7'	10'	10HO	15HO	20HO
MOUNTING OPTIONS	I-Beam, Glulam, Unistrut or Perlin				
DOWNROD LENGTH (TELESCOPING)	2 - 3.5'	2 - 3.5'	3 - 5.5'	3 - 5.5'	3 - 5.5'
EXTENSION	Downrods available in 4" increments: 2' min. to 10' max. Inquire above 5.5'.				