HVLS FAN SPECS

SUPER DUTY FANS

AIRFOIL DIAMETER	7'	10'	15'	10HO	15HO	20HO	24HO
AIRFOIL MATERIAL	Injection Molded Poly Resin Fiber Blend						
AIRFOIL WIDTH	5"- 8"	6"- 11"	7"- 13"	6"- 11"	7"- 13"	8"- 15"	8"- 15"
NUMBER OF AIRFOILS	3	3	3	6	6	6	6

PERFORMANCE	7'	10'	15'	10HO	15HO	20HO	24HO
RECOMMENDED SPACING	30'	40'	50'	60'	90'	120'	140'
MAX EFFECTED AREA (SQFT)	9,500	11,300	12,700	13,250	17,650	22,650	25,400
SOUND LEVEL DBA @ MAX SPEED	<55	<55	<55	<55	<55	<55	<55

HANGING REQUIREMENTS	7'	10'	15'	10HO	15HO	20HO	24HO
HANGING WEIGHT (LBS)	77	93	108	124	161	197	229
MAX TORQUE (FT/LB)	18	23	27	35	44	77	93

MOTOR & DRIVE TRAIN	7'	10'	15'	10HO	15HO	20HO	24HO
MOTOR TYPE	Permanent Magnet Synchronous Motor (PMSM)						
EQUIVALENT HORSEPOWER RATING	.5 HP	.5 HP	1.0 HP	1.0 HP	1.5 HP	2.0 HP	2.5 HP
OPERATING TEMP RANGE	32º-140º F (0º-60º C)						

MAX AMP DRAW	7'	10'	15'	10HO	15HO	20HO	24HO
110V-120V SINGLE PHASE	5.8 A	6.2 A	7.4A	16.1 A	N/A	N/A	N/A
208V-240V SINGLE PHASE	2.9 A	3.1 A	3.8 A	8 A	10 A	12.2 A	N/A
208V-240V THREE PHASE	2.2 A	2.4 A	3.3 A	4.2 A	6.1 A	6.8 A	7.6 A
400V-480V THREE PHASE	1.1 A	1.2 A	1.8 A	2.1 A	3.0 A	3.4 A	4.2 A

RATINGS & COMPLIANCE	7'	10'	15'	10HO	15HO	20HO	24HO
FIRE & SPRINKLER	NFPA 13 & NFPA 72 Compliant						
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'	15'	10HO	15HO	20HO	24HO
POWER SOURCE	110 V, 1 Phase				220 V, 1Phase		220 V, 3 Phase
MAIN CONTROLLER	Variable Frequency Drive						

INSTALLATION	7'	10'	15'	10HO	15HO	20HO	24HO
MOUNTING OPTIONS	I-Beam, Glulam, Unistrut or Perlin						
DOWN ROD LENGTH (TELESCOPING)	2 - 3.5'	2 - 3.5'	2 - 3.5'	3 - 5.5'	3 - 5.5'	5 - 7.5'	5 - 7.5'
EXTENSION	Down rods available in 4" increments: 2' min. to 10' max. Inquire for custom sizing.						

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