



HVLS FAN APPLICATION DIMENSIONS

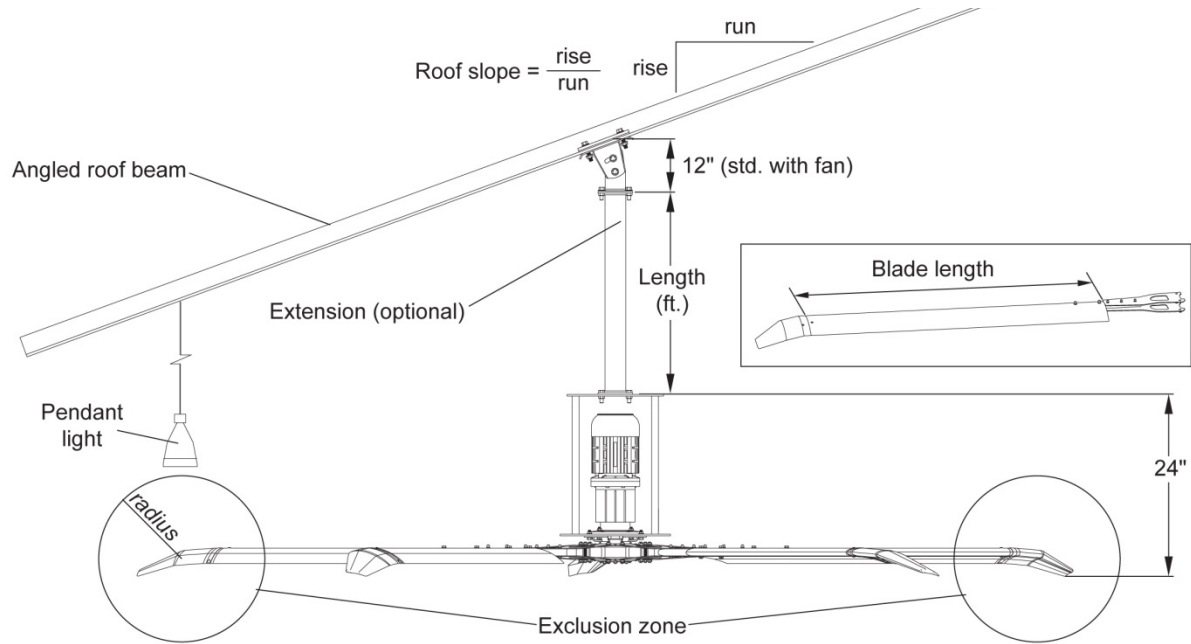
Diameter	HP	Max. Effective Area	Typical Spacing (C/L)	Clearance Zone
8 ft.	1	4,000 sq. ft.	55 ft.	15"
10 ft.	1	5,000 sq. ft.	60 ft.	15"
12 ft.	1	7,000 sq. ft.	65 ft.	15"
14 ft.	1	8,000 sq. ft.	70 ft.	15"
16 ft.	1	15,000 sq. ft.	90 ft.	30"
18 ft.	1	18,000 sq. ft.	95 ft.	30"
20 ft.	1	20,000 sq. ft.	100 ft.	30"
24 ft.	2	30,000 sq. ft.	110 ft.	30"

Note: No obstructions should be located within the clearance zone (in any direction from the blade)

Open Space Fan Guidelines*						
Length	Width					
		100'	200'	300'	400'	500'
	100'	1	1 or 2	2	2 or 3	3
	200'	1 or 2	2	2 or 3	3 or 4	4 or 5
	300'	2	2 or 3	4 or 5		
	400'	2 or 3	3 or 4			
	500'	3	4 or 5			

* Guidelines based upon open area – Minimal obstructions. Based on 30' ceiling height and 24' diameter fans. Facility layout, obstructions and/or site needs may vary the recommended number of fans.

HVLS FAN CLEARANCE & EXTENSION GUIDE



ROOF SLOPE

Roof Slope*	2/12	3/12	4/12	Hanging Weight (Lb)	Maximum Torque (Ft. Lb)	Exclusion Zone Radius (In.)	Blade length (In.)
Roof Angle*	9.5°	14.0°	18.4°				
Fan Diameter (Ft)	Extension Length (Ft.)						
6	N/A	N/A	N/A	140	300	15	25.0
8	N/A	N/A	N/A	160	300	15	27.5
10	N/A	1	2	181	300	15	39.5
12	N/A	1	2	190	300	15	51.5
14	2	2	3	194	300	15	63.5
16	2	3	4	208	300	30	75.5
18	3	4	4	203	300	30	87.5
20	3	4	5	220	300	30	99.5
24	4	5	6	258	300	30	123.5

NOTE:

For roof angles in excess of 20°, consult factory. The extension lengths shown are minimum recommendations only, based solely of roof pitch and fan diameter. Other considerations must be evaluated when determining extension requirements, such as placement of lights, sprinkler systems, HVAC systems, etc. In addition, OSHA requirements state that fan blades must be a minimum of 10' above the floor.