

Horsepower Units Demystified: A Comprehensive Guide to Specs, Efficiency, and Selection

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Discover the Perfect Unit for Your Needs!

Whether you're upgrading industrial equipment or selecting machinery for a specialized project, choosing the right **horsepower (HP)** unit is crucial for efficiency and performance. Check out our detailed specifications below to find the ideal match for your requirements!

Specifications Overview: Horsepower Units

HP	Length (cm)	Width (cm)	Height (cm)	Blades	Blade Length (mm)	Blade Spacing (mm)	Motor Size (cm)	Weight (kg)
1/3 HP	115	485	425	12	24	126	108	116
1/4 HP	105	485	425	11	22	126	108	106
1/5 HP	95	485	425	10	20	126	108	96
1/6 HP	85	485	425	9	18	126	108	86
1/7 HP	75	485	425	8	16	126	108	76
1/8 HP	65	485	425	7	14	126	108	66
1/9 HP	55	485	425	6	12	126	108	56
1/10 HP	45	485	425	5	10	126	108	46


HP	Length (cm)	Width (cm)	Height (cm)	Blades	Blade Length (mm)	Blade Spacing (mm)	Motor Size (cm)	Weight (kg)
1/12 HP	35	485	425	4	8	126	108	36

Why Choose These Units?

- **Precision Design:** Uniform dimensions (485cm width × 425cm height) ensure compatibility and easy integration.
- **Scalable Power:** Options from 1/3 HP to 1/12 HP cater to diverse industrial and commercial needs.
- **Optimized Blades:** Blade length and spacing tailored for maximum airflow and efficiency.
- **Lightweight Build:** Lower HP models (e.g., 1/12 HP at 36kg) are perfect for portable applications.

Key Considerations

- **Motor Size:** All units feature a **108cm motor**, ensuring consistent performance across the range.
- **Blade Configuration:** More blades in higher HP units enhance airflow for demanding environments.
- **Weight-to-Power Ratio:** Balance portability and power based on your project's demands.



موديل	الطول cm	العرض		مسافة الحذاء بين الكوع الواحد mm	عدد الاكواع للمروحة	عدد قضبان (الشبكة)		طول القضبان cm
		485 mm	425			485	425	
1/3HP	115	485	425	12	24	126	108	116
1/4HP	105	485	425	11	22	126	108	106
1/5HP	95	485	425	10	20	126	108	96
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