

Dayton

Shutter-Mount Exhaust Fans

- Mount: vertical only
- Motors: totally enclosed, 115V, 60 Hz
- Max. inlet/ambient temp.: 104°F
- 7 through 24" dia. propellers are aluminum; 30 and 36" propellers are galvanized steel
- OSHA-compliant gray polyester powder-coated wire guards

Fans come fully assembled with shutters and prepunched mounting holes; simply frame an opening and mount. UL and C-UL Listed.

INSULATED FAN COVERS

Fit snugly over fan guard using high strength magnets to provide wind, draft, and weather insulation. Interior installation; covers store compactly when not in use.



No. 1HKL9



No. 6HKV6

Propeller Dia. (in.)	CFM @ 0.000" SP	CFM @ 0.125" SP	Motor RPM	Motor HP	Full Load Amps	Bearing Type	Sones @ 0.000" SP @ 5 ft.	Speed Control	H (in.)	W (in.)	Max. Depth (in.)	Sq. Opening Req. (in.)	No. of Blades	EXHAUST FANS		INSULATED FAN COVERS		
														Item No.	\$ Each	Item No.	\$ Each	
Speed Controllable																		
7	140	—	1550	1/25	1.5	Sleeve	4.8	1DGV1	11 1/2	11 1/2	10 1/2	8 1/2	5	1HKL9	✓	142.80	6HKV6	38.20
10	585	285	1550	1/25	1.5	Sleeve	6.6	1DGV1	13 1/2	13 1/2	10 1/2	10 1/2	5	1HLA1	✓	161.50	6HKV7	38.60
12	800	470	1550	1/25	1.5	Sleeve	7.6	1DGV1	15 1/2	15 1/2	12 1/2	13	3	1HLA2	✓	182.25	6HKV8	42.45
16	1095	720	1550	1/20	1.0	Sleeve	8	1DGV1	19 1/2	19 1/2	14 1/2	17	3	1HLA3	✓	279.25	6HKV9	54.70
18	1860	850	1075	1/15	1.3	Sleeve	8.4	1DGV1	21 1/2	21 1/2	14 1/2	19	3	1HLA4	✓	307.75	6HKW0	58.35
20	2830	2255	1100	1/4	5	Sleeve	11.3	1DGV2	23 1/2	23 1/2	17 1/2	21	3	1HLA9	✓	467.75	6HKW1	65.65
24	3240	2485	1075	1/4	4	Ball	11.7	1DGV2	27 1/2	27 1/2	19 1/2	25	3	1HLB3	✓	556.50	6HKW2	70.30
Single-Speed																		
18	2590	2190	1725	1/4	4.5	Sleeve	14.3	—	21 1/2	21 1/2	18 1/2	19	3	1HLA5	✓	435.00	6HKW0	58.35
20	2955	2450	1725	1/4	4.5	Sleeve	14.4	—	23 1/2	23 1/2	17 3/4	21	3	1HLA8	✓	454.00	6HKW1	65.65
20	3635	3115	1725	1/3	4.8	Sleeve	16.9	—	23 1/2	23 1/2	17 1/2	21	3	1HLA7	✓	496.50	6HKW1	65.65
24	3270	2515	1075	1/4	4.1	Sleeve	10.7	—	27 1/2	27 1/2	18 1/2	25	3	1HLB2	✓	545.00	6HKW2	70.30
24	3970	3240	1075	1/3	5.3	Sleeve	12.1	—	27 1/2	27 1/2	17 3/4	25	3	1HLB4	✓	589.00	6HKW2	70.30
20	2985	2445	1725	1/4	4.3	Ball	14.3	—	23 1/2	23 1/2	17 1/2	21	3	1HLA6	✓	502.50	6HKW1	65.65
30	6075	4195	825	1/2	4.5	Ball	13.5	—	33 1/2	33 1/2	18 1/2	31	3	1HLB5	✓	711.50	6HKW3	79.15
36	8225	6480	825	1/2	6.4	Ball	14.7	—	39 1/2	39 1/2	18 1/2	37	3	1HLB6	✓	795.00	6HKW4	82.90
Two-Speed																		
24	3985/3760	3255/2995	1075	1/4	5.3	Sleeve	11.8/11.3	1DGZ9	27 1/2	27 1/2	18 1/2	25	3	1HLB1	✓	634.50	6HKW2	70.30

2-Speed Fan Switch

For use with No. 1HLB1 and other 2-speed fans. Mounts on standard 4 x 2" single gang box. DPDT (center off).

Voltage	Max. Amps	Item No.	\$ Each
120	15	1DGZ9	18.32



Dayton

Corrosion-Resistant Shutter-Mount Exhaust Fans

- Mount: vertical only
- Motors: totally enclosed, 115V, 60 Hz
- Max. inlet/ambient temp.: 104°F
- Fiberglass-reinforced polypropylene propellers
- OSHA-compliant epoxy-coated wire guards

Constructed with fiberglass shutter and frame and stainless steel hardware, for superior resistance to corrosive gases and vapors. UL and C-UL Listed.

Note: Not designed for laboratory hood exhaust or explosive atmospheres.



No. 1BLJ3

Dayton

Propeller Dia. (in.)	CFM @ 0.000" SP	CFM @ 0.125" SP	Motor RPM	Motor HP	Full Load Amps	Bearing Type	Sones @ 0.000" SP @ 5 ft.	H (in.)	W (in.)	Max. Depth (in.)	Sq. Opening Req. (in.)	No. of Blades	Item No.	\$ Each	
															10
12	1100	799	1625	1/6	1.9	Sealed Ball	13.4	15	15	15	13	4	1BLH8	✓	470.00
16	2005	1678	1625	1/6	2.1	Sealed Ball	15.7	19	19	15	17	4	1BLJ1	✓	561.00
18	2790	1961	1075	1/4	4.1	Sealed Ball	12.5	21	21	18 3/4	19	8	1BLJ3	✓	636.50
20	3642	2838	1075	1/3	4.9	Sealed Ball	13.7	23	23	17 1/2	21	8	1BLJ5	✓	656.50
24	4876	4197	1075	1/2	6.7	Sealed Ball	17.4	27	27	18	25	8	1BLJ7	✓	902.00

Guard- and Ring-Mount Exhaust Fans

- Mount: vertical or horizontal
- Motors: totally enclosed, 115V, 60 Hz
- Max. inlet/ambient temp.: 104°F

Designed for low-pressure exhausting and cooling applications. Automatic shutter is recommended; see Index under "Shutters, Fan". Guard-mount fans are UL and C-UL Listed.



No. 1HKL4



No. 12U117

Propeller Dia. (in.)	CFM @ 0.000" SP	CFM @ 0.125" SP	Motor RPM	Motor HP	Operating Amps	Bearing Type	Max. Depth (in.)	Outside Dia. (in.)	Mounting Holes O.C. (in.)	No. of Blades	Item No.	\$ Each	
													Guard-Mount Fans with OSHA-Compliant Gray Polyester-Coated Guards
7	230	—	1550	1/25	1.5	Sleeve	4 1/2	9 1/2	7 3/8	5	1HKL2	✓	108.65
10	595	405	1550	1/25	1.5	Sleeve	5 1/2	11 1/2	8 3/4	5	1HKL3	✓	119.85
12	820	535	1550	1/25	1.5	Sleeve	5 1/2	13 1/2	10 3/8	3	1HKL4	✓	125.60
16	1060	585	1550	1/20	1.0	Sleeve	8 3/4	17 3/8	12 1/2	3	1HKL5	✓	222.50
18	2515	1780	1725	1/4	4.4	Sleeve	12 1/2	20 1/2	15 3/8	3	1HKL6	✓	295.75
20	2600	1685	1725	1/4	4.0	Sleeve	11 1/2	26 1/2	16 3/4	3	1HKL7	✓	310.00
24	3840	2690	1075	1/2	3.6	Sleeve	10 3/4	26 1/2	19 3/8	3	1HKL8	✓	422.00
Ring-Mount Fans with Galvanized Steel Frame*													
6	119	—	1550	1/65	0.72	Ball	5	7	11 3/8	4	12U117	✓	95.85
9	305	—	1550	1/45	0.74	Ball	5	9 1/2	11 1/4	4	12U118	✓	101.80
12	665	—	1550	1/30	1.40	Ball	6 1/2	12 3/8	13 3/8	3	12U119	✓	128.50
12	889	—	1550	1/20	1.50	Ball	7 3/4	16 1/8	14 3/8	3	12U120	✓	252.00

* OSHA complying guards are required when a fan is installed within 8 ft. of floor, working level, or within reach of personnel. Review OSHA codes and UL standards. See index under Guards, Fan.

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