

Quotation: Wall Exhaust fan 58" 3 phase 240/480 VAC, single phase 208-230 Vac direct drive, panel style, flush in wall design, backdraft round damper, frame mount, 65.25" by 65.25" framed opening.

The Magnum 58" Exhaust Fan uses a direct drive permanent magnet motor which is practically maintenance free. It eliminates the need for greasing bearings and changing belts. The housing is made of strong polypropylene while the frame is all stainless-steel preventing rust and corrosion in any environment. The complete fan includes poly damper doors that seal out air and light when closed. The Magnum 58" Fan is designed to operate in the full range from minimum ventilation to maximum power using basic 0-10 volt control or potentiometer (optional not included). Speed control eliminates the need for smaller fans. Because of the high performance you will use 25% fewer fans.

FEATURES:

- Up to 75% energy savings over traditional fans
- 42,652 CFM @.10" SP – best on the market
- Drive is built in so no additional costs for separate units, variable speed ready
- Soft start for long life and efficiency
- 360° rubber sealed damper door
- 2.2kW/3hp fan EC fan motor – single or 3 phase – overload protection required, beaker is a minimum requirement

		0.0 SP		0.05 SP		0.10 SP		0.15 SP		0.20 SP	
	RPM	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt
100% Power	600	46,099	22.4	44,189	20.6	42,652	18.4	40,563	16.4	38,330	14.8
90% Power	540	41,313	26.5	39,172	23.5	36,910	20.8	34,724	18.3	32,341	16.1
80% Power	480	36,088	33.0	33,933	28.3	31,794	24.6	29,024	21.1	25,776	17.8
70% Power	420	31,915	42.4	29,056	34.6	26,314	28.0	20,683	20.7	16,847	16.7
60% Power	360	25,881	50.6	22,570	39.0	18,378	29.2	13,954	21.5	7,609	10.4

Please allow 2-4 weeks for delivery. **EC motor provides smooth speed ctrl/adjustment manually (potentiometer dial) or interfaced to the computer control- optional. 80% speed=80% air=50% energy savings, 50% speed=50% air=90% energy savings.**



Notes: Fans include backdraft louver/shutter, extender cone for extra capacity and air throw. Exclusions: Actual physical installation and electrical hook up is not included, fans come in compact packaging to minimize shipping cost, can stack 5 boxed fans on one pallet, 1 hr simple assembly is required- not included.

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