

# Magnum 58" Exhaust Fan

The Magnum 58" Exhaust Fan uses a maintenance free direct drive permanent magnet motor.

It eliminates the need for greasing bearings and changing belts. The housing is made of strong poly while the frame is all stainless-steel preventing rust and corrosion in any environment.

The complete fan includes durable 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 signal which eliminates the need for smaller fans. Because of the high performance of the Magnum 58", **you'll use 25% fewer fans on your next project making it your most economical choice.**



**42,652 CFM @ 0.10"SP**

### Housing

- Rugged, corrosion resistant poly with UV inhibitor
- Precision injection molded

### Damper Doors

- Edged with magnets and 360° of rubber seal to minimize air infiltration
- Dual tension springs
- Durable poly with UV inhibitor will endure even the harshest conditions

### Motor Frame

- 304 stainless steel for corrosion resistance
- Motor-centric with minimal air impedance

### Cone

- Deep for superior performance
- Multi sections makes for ease in handling when installing as well as reduced shipping
- Rugged, corrosion resistant poly with UV inhibitor

### Guards

- Corrosion resistant stainless steel

### Prop

- 3 glass filled poly composite blades • Die cast aluminum hub

### Motor

- IP65 rated, CURUS Approved

PART #	Size	Phase	Spd	@ 0.10" SP		Drive	Prop	
				CFM	CFM/Watt			
<b>SINGLE PHASE</b>								
EVMF58DP3C221A	58"	1	1/Var <sup>^</sup>	100%	<b>42,652</b>	<b>18.4</b>	PM-D	3-Ply
				90%	<b>36,910</b>	<b>20.8</b>		
				80%	<b>31,794</b>	<b>24.6</b>		
				70%	<b>26,314</b>	<b>28.0</b>		
				60%	<b>18,378</b>	<b>29.2</b>		
<b>THREE PHASE WIRED FOR 190-240V</b>								
EVMF58DP3C223B	58"	3	1/Var <sup>^</sup>	100%	<b>42,238</b>	<b>17.8</b>	PM-D	3-Ply
				90%	<b>34,250</b>	<b>18.2</b>		
				80%	<b>28,777</b>	<b>21.4</b>		
				70%	<b>23,280</b>	<b>25.1</b>		
				60%	<b>17,465</b>	<b>29.5</b>		
<b>THREE PHASE WIRED FOR 380-460V</b>								
EVMF58DP3C223C	58"	3	1/Var <sup>^</sup>	100%	<b>41,385</b>	<b>18.2</b>	PM-D	3-Ply
				90%	<b>36,165</b>	<b>21.4</b>		
				80%	<b>31,035</b>	<b>24.5</b>		
				70%	<b>25,440</b>	<b>29.1</b>		
				60%	<b>18,124</b>	<b>29.3</b>		

<sup>^</sup> Variable speed fans require separate variable speed control to adjust fan speed. **Bold text is data based on testing performed by an accredited lab using ANSI/AMCA 210-07 standard.**