



# ELDRIDGE FAN

## FAN DATA FOR MODEL EDU48S-4P290-L4A

### Requirements

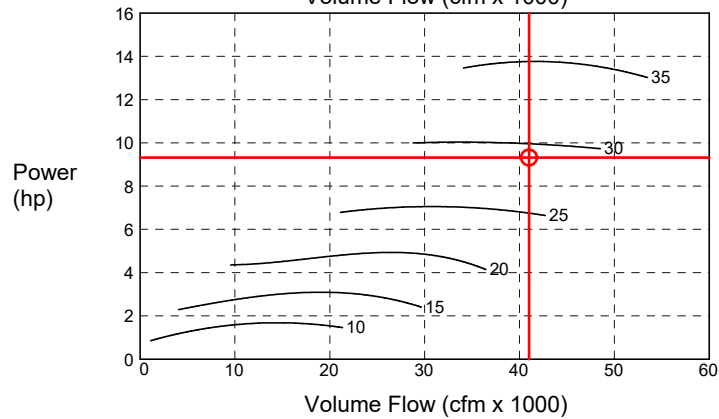
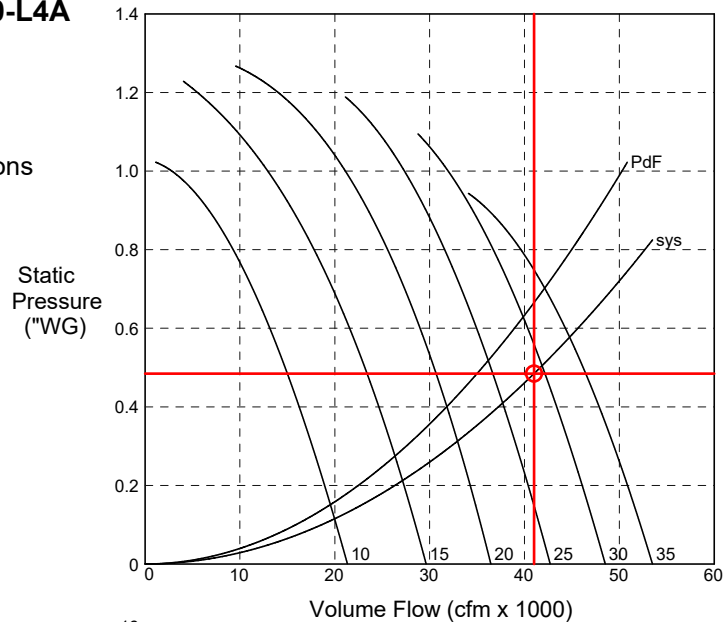
Volume: 41000 cfm  
 Static Pressure: 0.25 "WG  
 Selection Pressure: 0.48 "WG at std conditions  
 Installation Category: TYPE B  
 Temperature: 70 deg F  
 Altitude: 0 ft

### Fan Data (at STP)

Type: Impeller  
 Diameter: 48 in  
 Hub: 255 mm  
 Impeller Blades: 4  
 Pitch: 29 degrees  
 Blade Material: Aluminium  
 Speed: 1170 RPM  
 Absorbed Power: 9.32 hp  
 Peak Power: 9.42 hp  
 Impeller Total Eff: 80 %  
 Specific Fan Power: 0.41 W/(l/s)

### Motor Data (at STP)

Motor Type:  
 Electrical Supply:  
 Frame/Power/Eff:  
 Current FLC/Start:  
 Motor Speed:



Density: 0.075 lbs/ft<sup>3</sup>

### Sound Power

Spectrum (Hz)	63	125	250	500	1K	2K	4K	8K	dBW	dBA @ 5ft
Outlet PWL (dB)	101	95	93	91	90	88	84	81	103	80
Inlet PWL (dB)	100	89	88	88	86	83	79	77	101	76

Note: Levels are quoted as in-duct values. dBA values are average spherical free-field for comparative use only.