



ELDRIDGE FAN

FAN DATA FOR MODEL EIP30S-10K270-G4A

Requirements

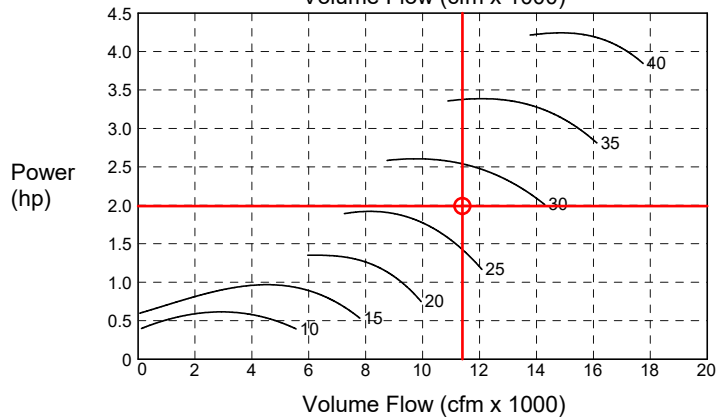
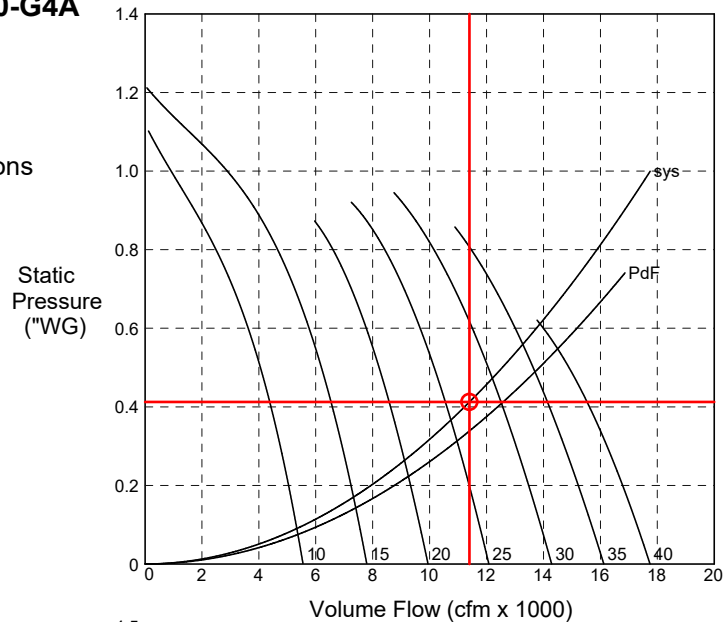
Volume: 11400 cfm
 Static Pressure: 0.25 "WG
 Selection Pressure: 0.41 "WG at std conditions
 Installation Category: TYPE A
 Temperature: 70 deg F
 Altitude: 0 ft

Fan Data (at STP)

Type: Impeller
 Diameter: 30 in
 Hub: 150 mm
 Impeller Blades: 10
 Pitch: 27 degrees
 Blade Material: Aluminium
 Speed: 1170 RPM
 Absorbed Power: 1.99 hp
 Peak Power: 2.23 hp
 Impeller Total Eff: 68 %
 Specific Fan Power: 0.35 W/(l/s)

Motor Data (at STP)

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



Density: 0.075 lbs/ft³

Sound Power

Spectrum (Hz)	63	125	250	500	1K	2K	4K	8K	dBW	dBA @ 5ft
Outlet PWL (dB)	90	85	84	87	82	78	75	65	94	73
Inlet PWL (dB)	89	84	82	83	79	76	72	57	92	70

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