

Performance includes initial clean filter pressure losses.

Active Filter face area = 14.36 ft² Velocity = CFM / 14.36 CFM = 14.36 x Velocity

Unit operating Amps = Watts / (Volts x Power Factor)

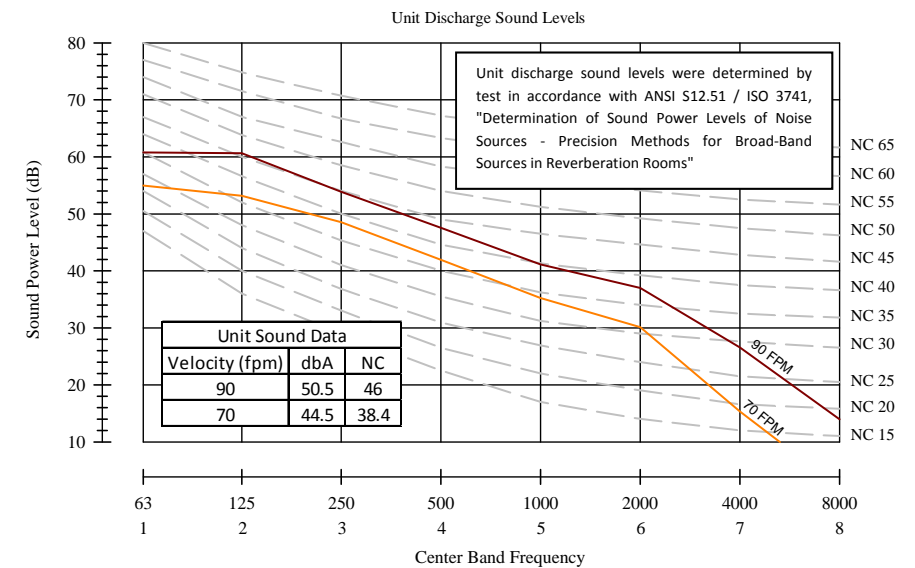
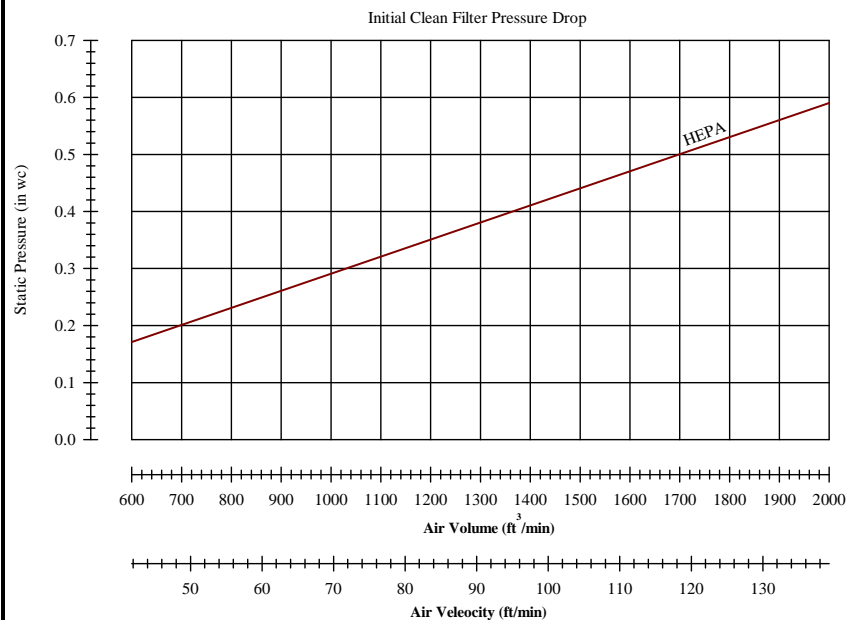
Power Factors @ Torque % (20% = .61, 40% = .67, 60% = .71, 80% = .74, 100% = .74)

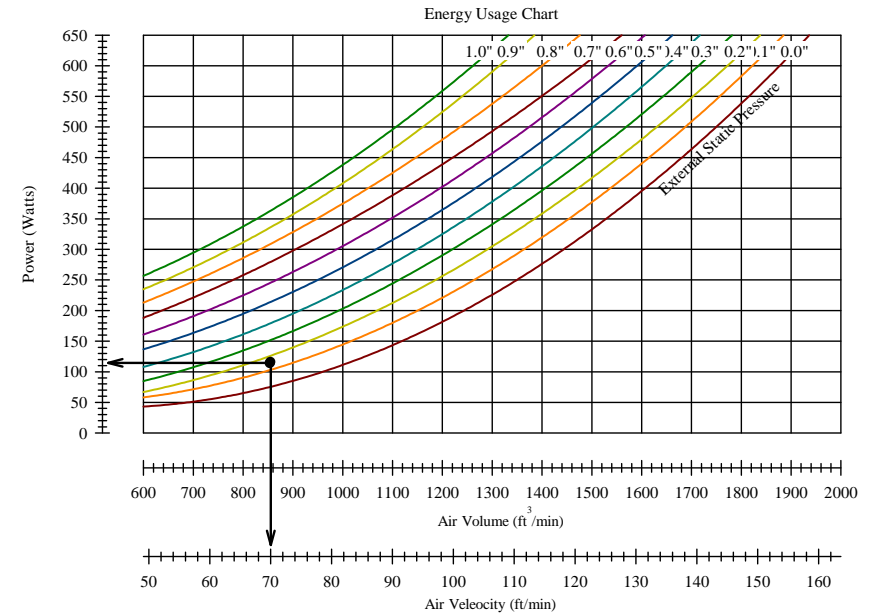
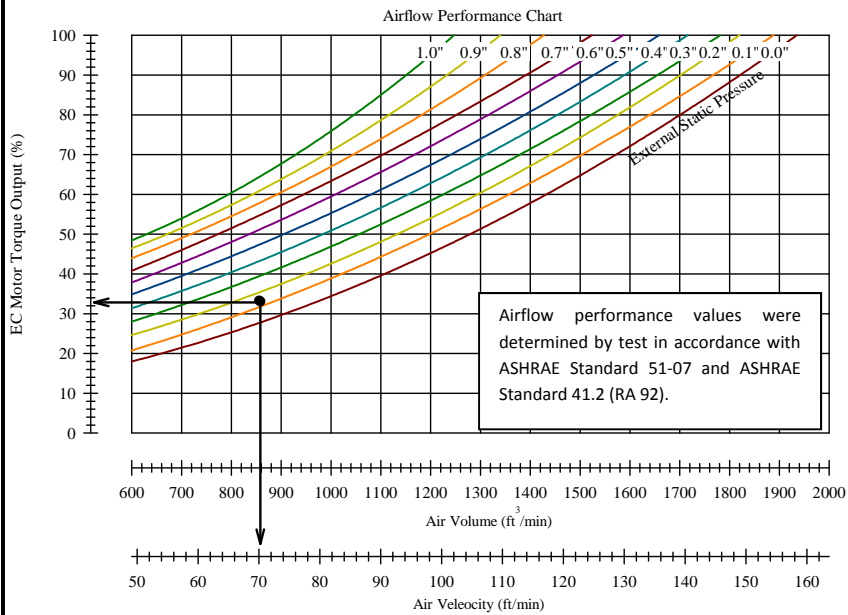
Sensible Heat Gain = Watts x 3.413

Example Rating Point → 70 FPM @ 0.15" External Static Pressure, 277 Volts

EC % Output = 37, CFM = 1005, Watts = 150, Amps @ 277v = .81

Sensible Heat Gain = 511.9 btu/hr





Performance includes initial clean filter pressure losses.

Active Filter face area = 12.22 ft² Velocity = CFM / 12.22 CFM = 12.22 x Velocity

Unit operating Amps = Watts / (Volts x Power Factor)

Power Factors @ Torque % (20% = .41, 40% = .46, 60% = .49, 80% = .51, 100% = .52)

Sensible Heat Gain = Watts x 3.413

Example Rating Point → 70 FPM @ 0.15" External Static Pressure, 277 Volts

EC % Output = 33, CFM = 855, Watts = 112, Amps @ 277v = .92

Sensible Heat Gain = 384.2 btu/hr

