

KHGP Series ECM Fan Curves

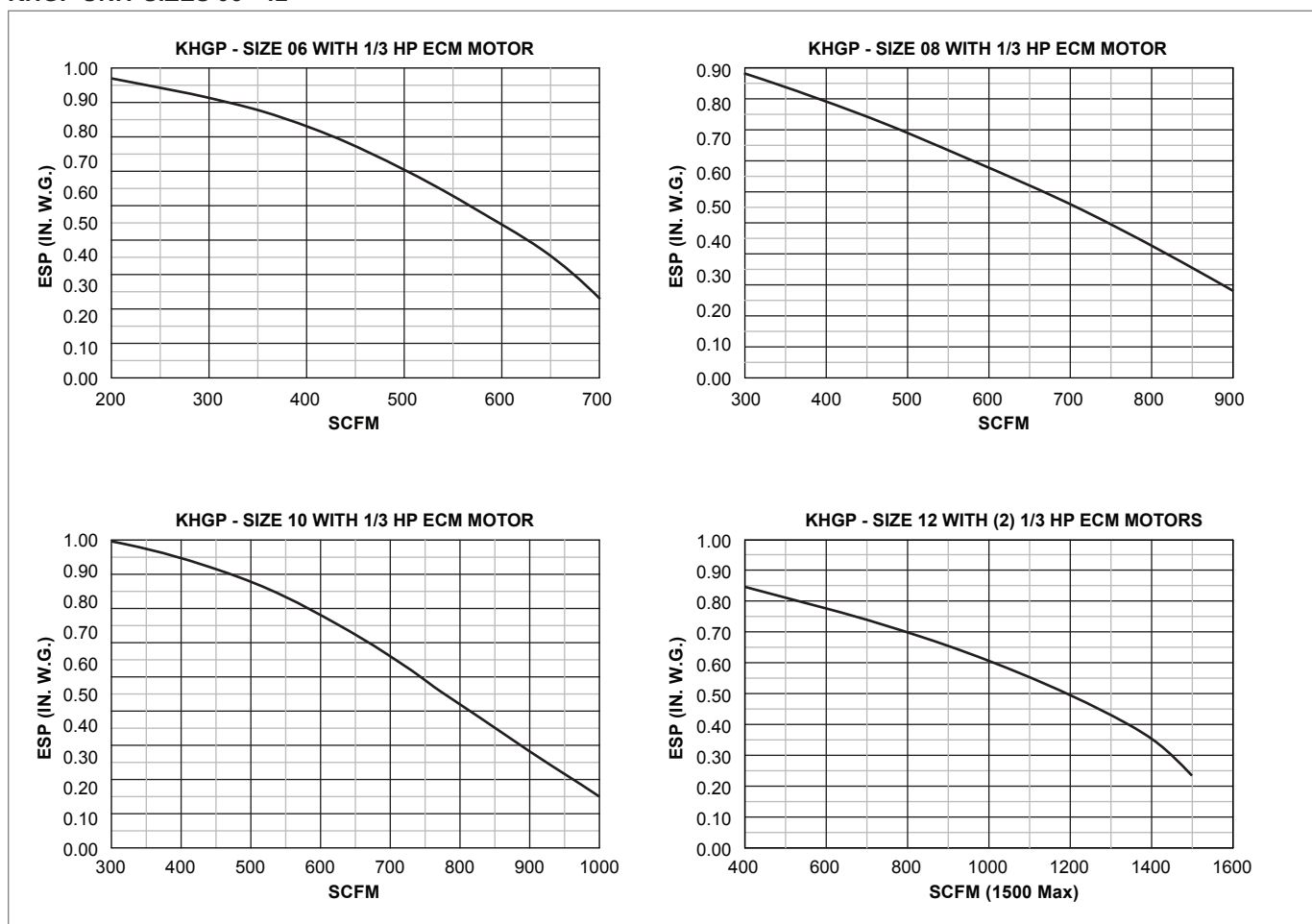
Fan curves depict actual performance at the maximum speed of the EC motor. Depending upon external static pressure, flow rates are achievable anywhere within the curve boundary by adjusting the motor speed through the electronic interface control board.

Airflow rates will be constant for varying degrees of external static pressure caused by filter loading or other duct system variables once the electronic interface control board is set to desired flow rate.

Fan curves compensate for the pressure losses of the unit cabinet, coil rows, and a loaded throwaway filter. For job specific fan curves, please refer to Krueger's selection software.

EC motors operate using a rectified AC power source that is converted to a non-sinusoidal DC power wave form. Harmonic distortion may occur and circulate on the power distribution system. Circulating harmonic currents are potentially additive on the neutral conductors of 3-phase, 4-wire Wye distribution systems. Neutral conductors must be engineered to account for the additional current (amperes) encountered. See page E2-43 for EC motor electrical data.

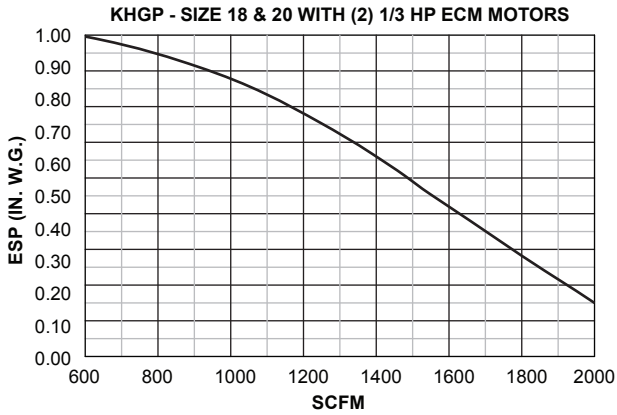
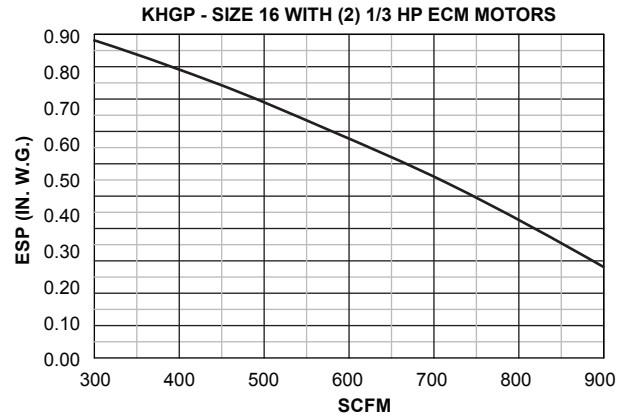
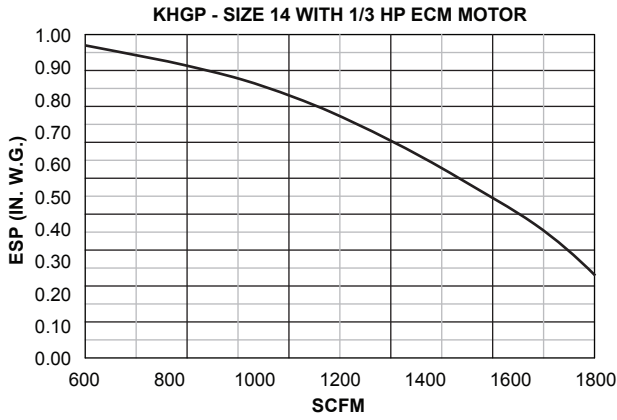
KHGP UNIT SIZES 06 - 12



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FAN COILS



ECM AIRFLOW

Unit Size	Factory Set CFM	CFM Range	
		Min.	Max.
06	600	200	700
08	800	300	900
10	1000	300	1000
12	1200	400	1500
14	1400	600	1800
16	1600	600	1900
18	1800	600	2000
20	2000	600	2000

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