

97×33 mm

San Ace B97 9BM type us



General Specifications

- Material Frame: Plastic (Flammability: UL 94V-0), Impeller: Plastic (Flammability: UL 94V-0)
- Expected life See the table below. (L10 life: 90% survival rate for continuous operation in free air at 60°C, rated voltage)
- Motor protection function Locked rotor burnout protection, Reverse polarity protection
For details, please refer to p. 547.
- Dielectric strength 50/60 Hz, 500 VAC, for 1 minute (between lead wire conductors and frame)
- Insulation resistance 10 MΩ or more with a 500 VDC megger (between lead wire conductors and frame)
- Sound pressure level (SPL) At 1 m away from the air inlet
- Storage temperature -30 to +70°C (Non-condensing)
- Lead wire ⊕Red ⊖Black Sensor Yellow
- Mass 175 g

Specifications

The models listed below **have pulse sensors.**

Model no.	Rated voltage [V]	Operating voltage range [V]	Rated current [A]	Rated input [W]	Rated speed [min ⁻¹]	Max. airflow [m ³ /min] [CFM]	Max. static pressure [Pa] [inchH ₂ O]	SPL [dB (A)]	Operating temperature [°C]	Expected life [h]
109BM12GC2-1	12	7 to 13.8	0.6	7.2	3800	0.82 28.9	281 1.129	51.5	-20 to +70	40000/60°C (70000/40°C)
109BM12HC2-1			0.4	4.8	3300	0.71 25.1	204 0.819	48.5		
109BM12MC2-1			0.26	3.12	2700	0.58 20.5	119 0.478	43.5		
109BM24GC2-1	24	12 to 27.6	0.31	7.44	3800	0.82 28.9	281 1.129	51.5		
109BM24HC2-1			0.26	6.24	3300	0.71 25.1	204 0.819	48.5		
109BM24MC2-1			0.15	3.6	2700	0.58 20.5	119 0.478	43.5		

The following sensor and control options are available for selection.

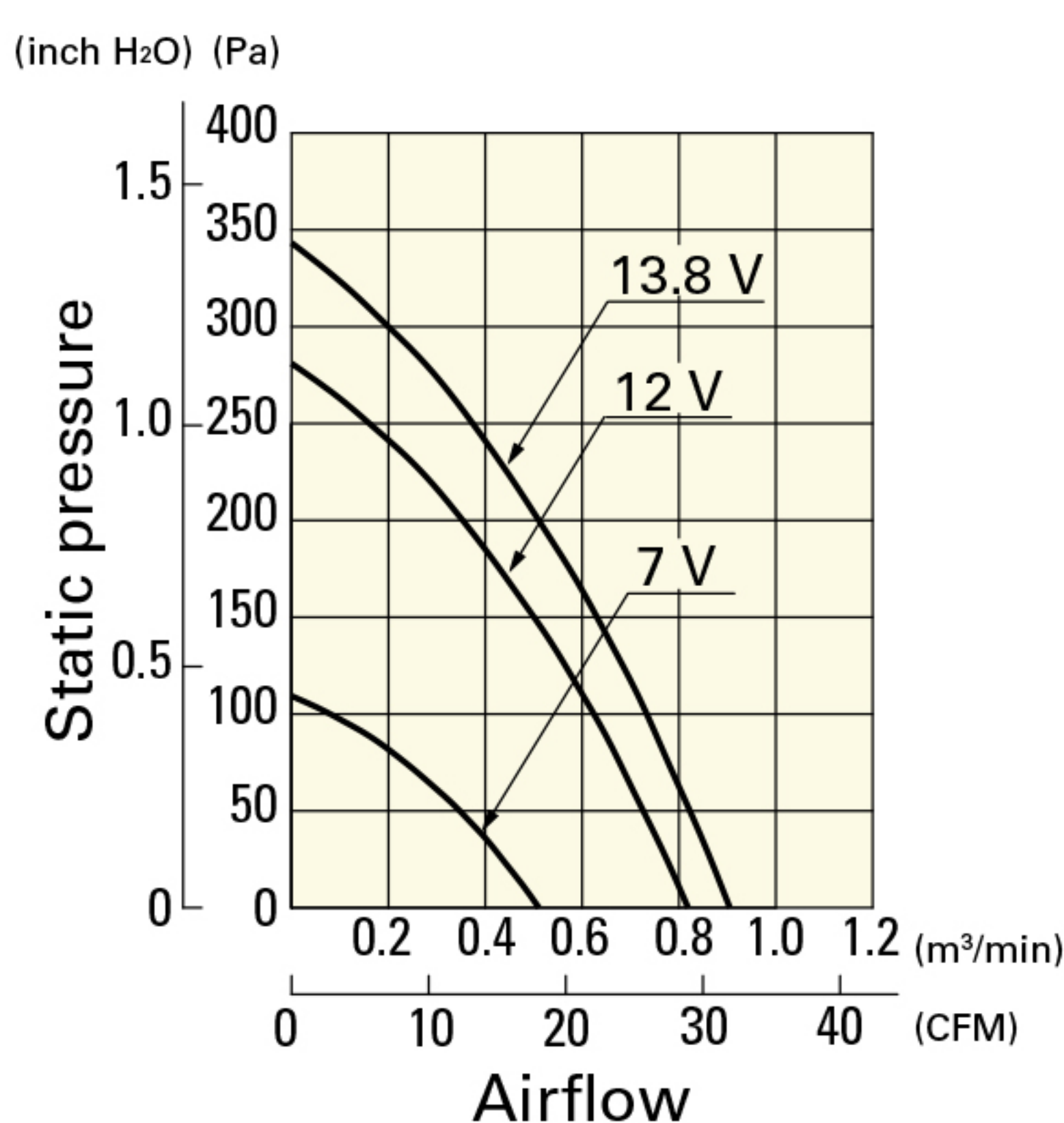
Available for all models. Without sensor Lock sensor

Differs according to the model. Refer to the table on p. 561. PWM control

Airflow - Static Pressure Characteristics

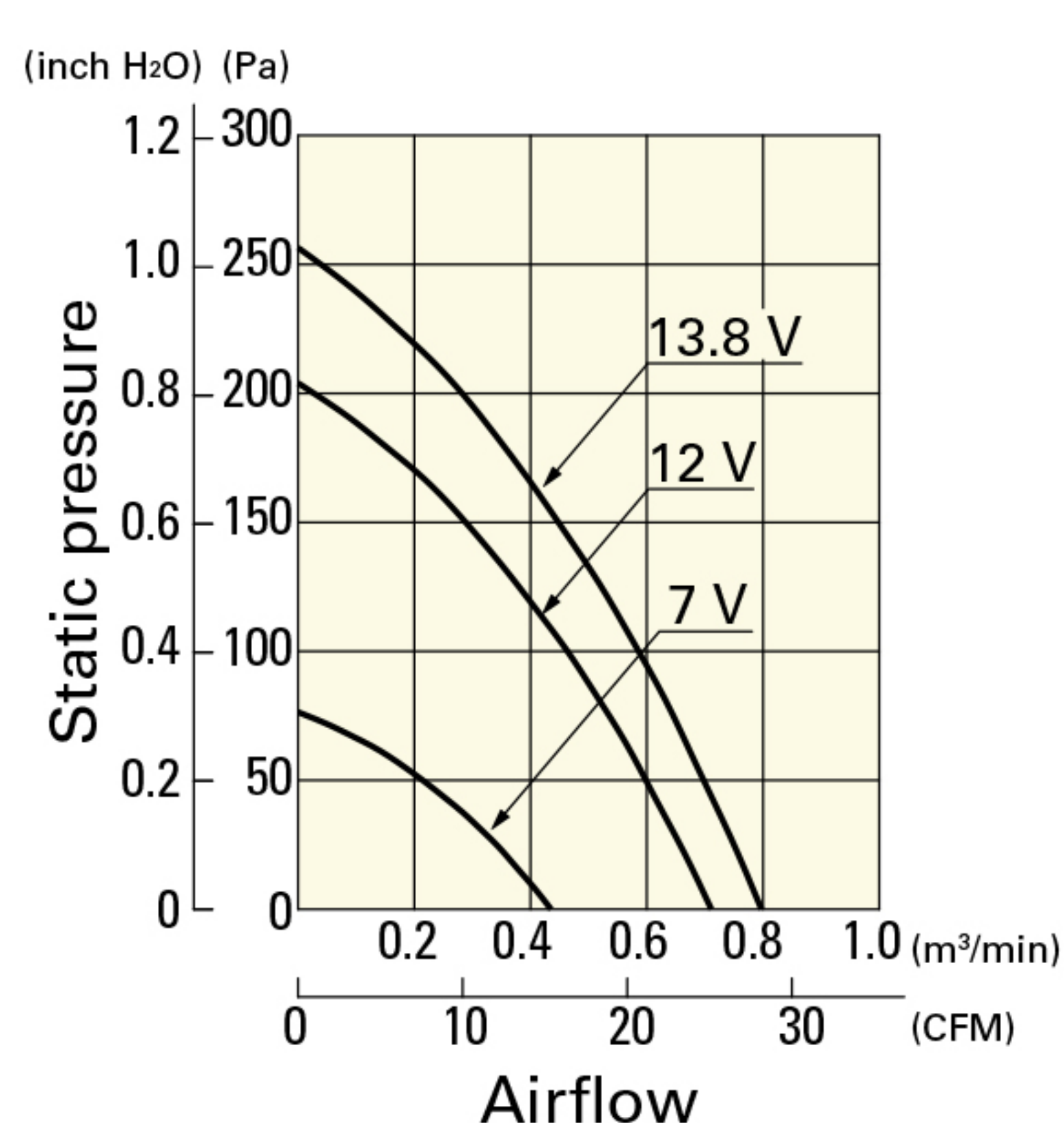
109BM12GC2-1 With pulse sensor

Operating voltage range



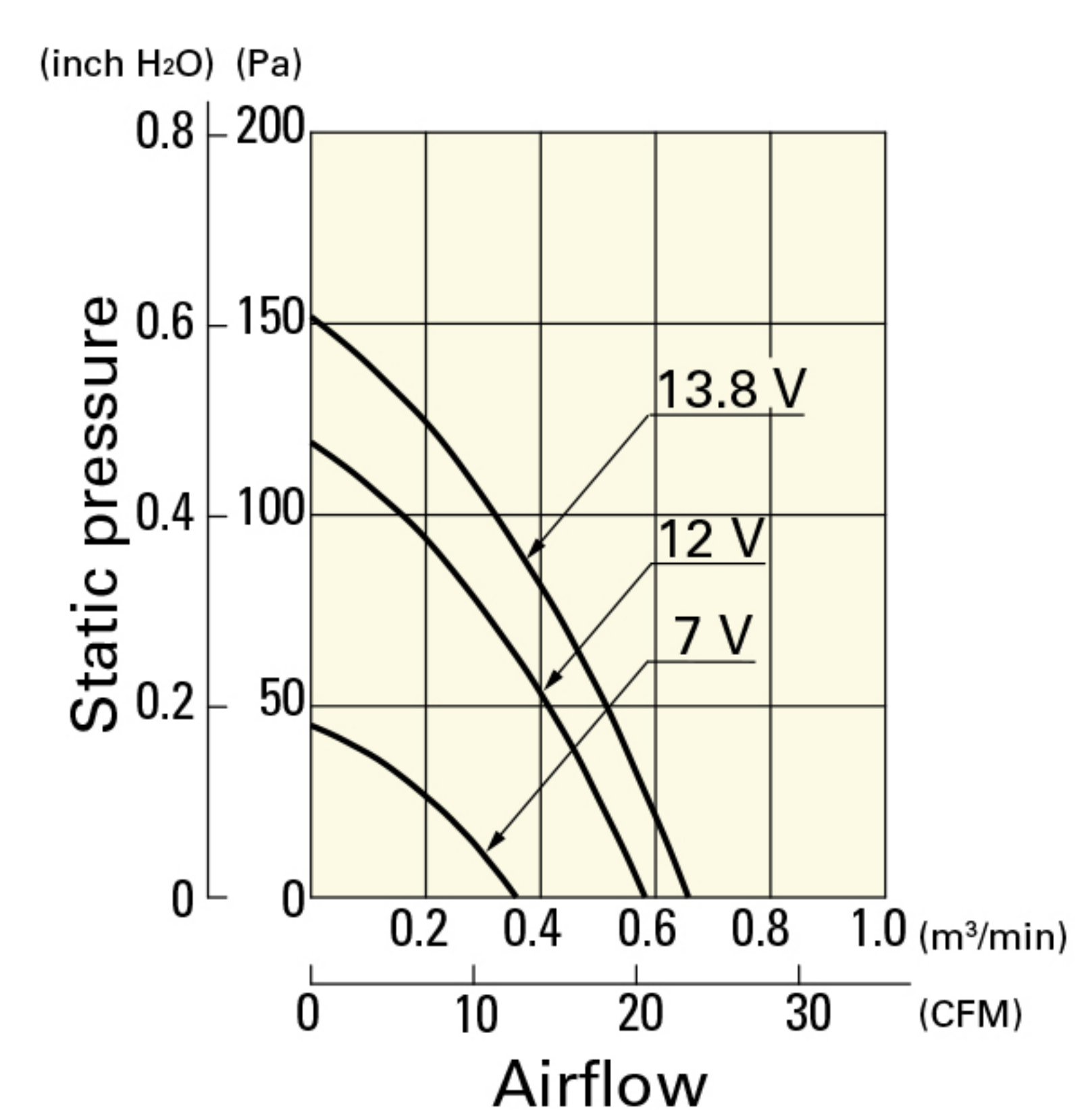
109BM12HC2-1 With pulse sensor

Operating voltage range



109BM12MC2-1 With pulse sensor

Operating voltage range



DC

Blower 97 mm

Airflow - Static Pressure Characteristics

109BM24GC2-1 With pulse sensor

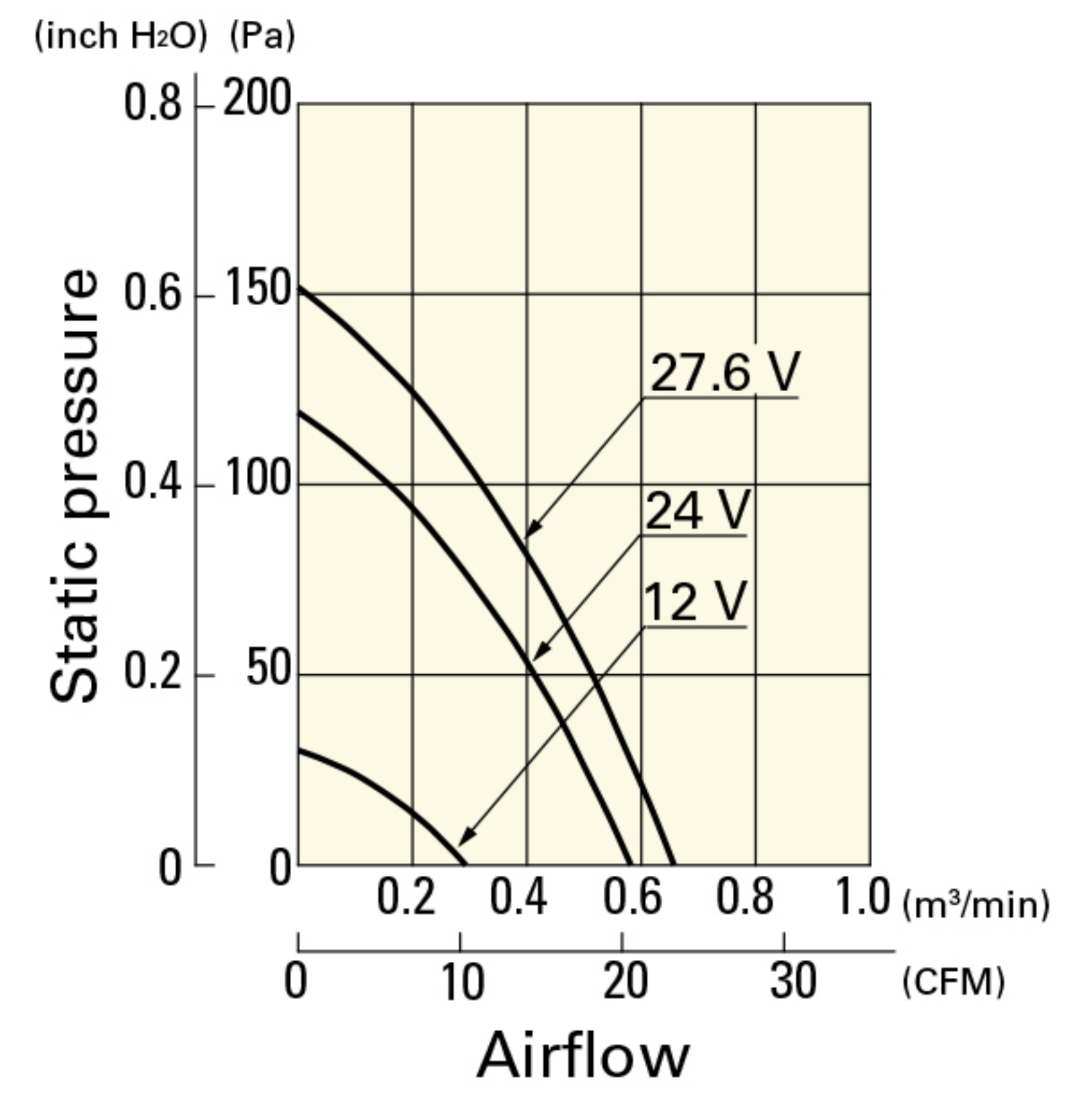
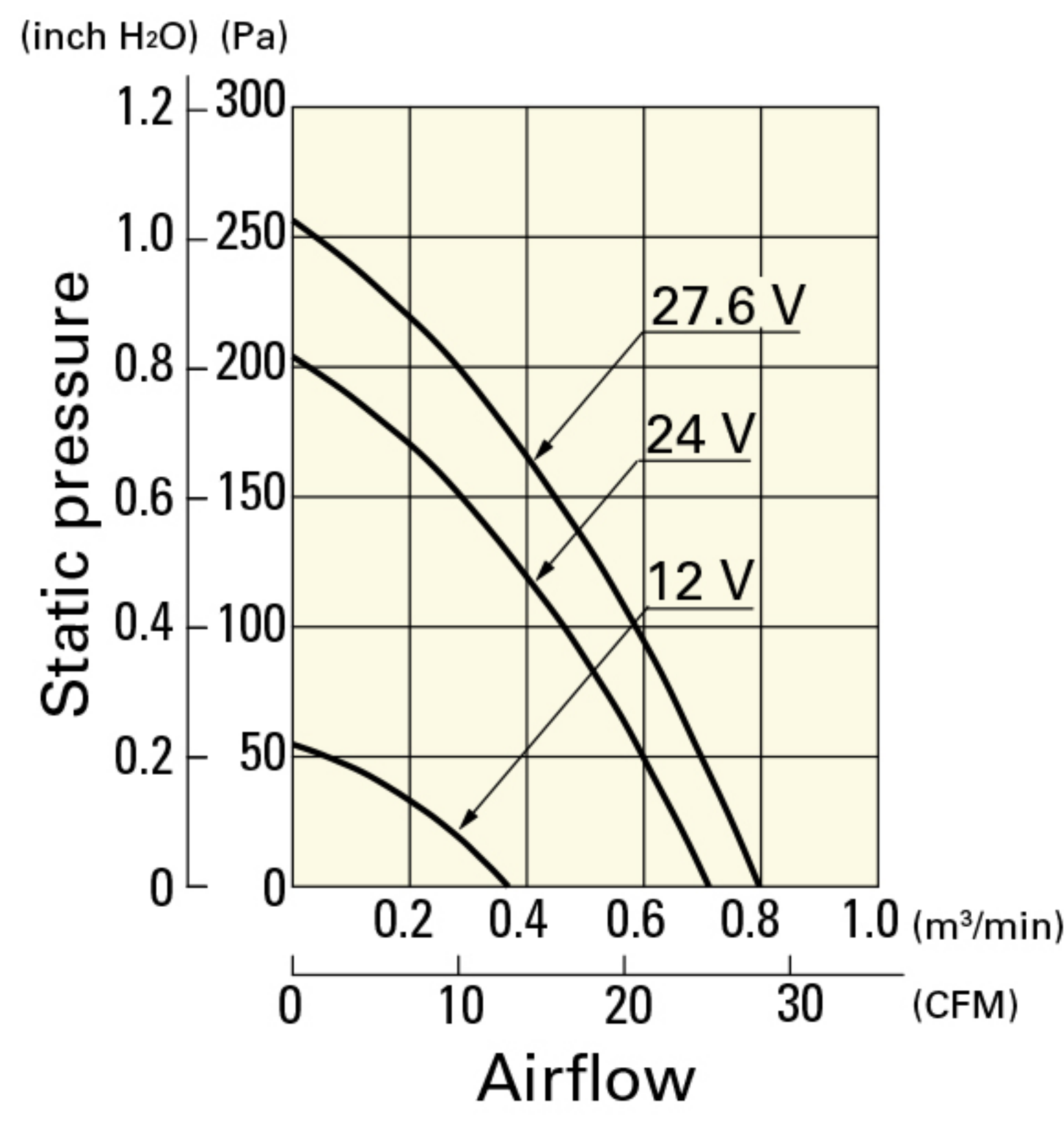
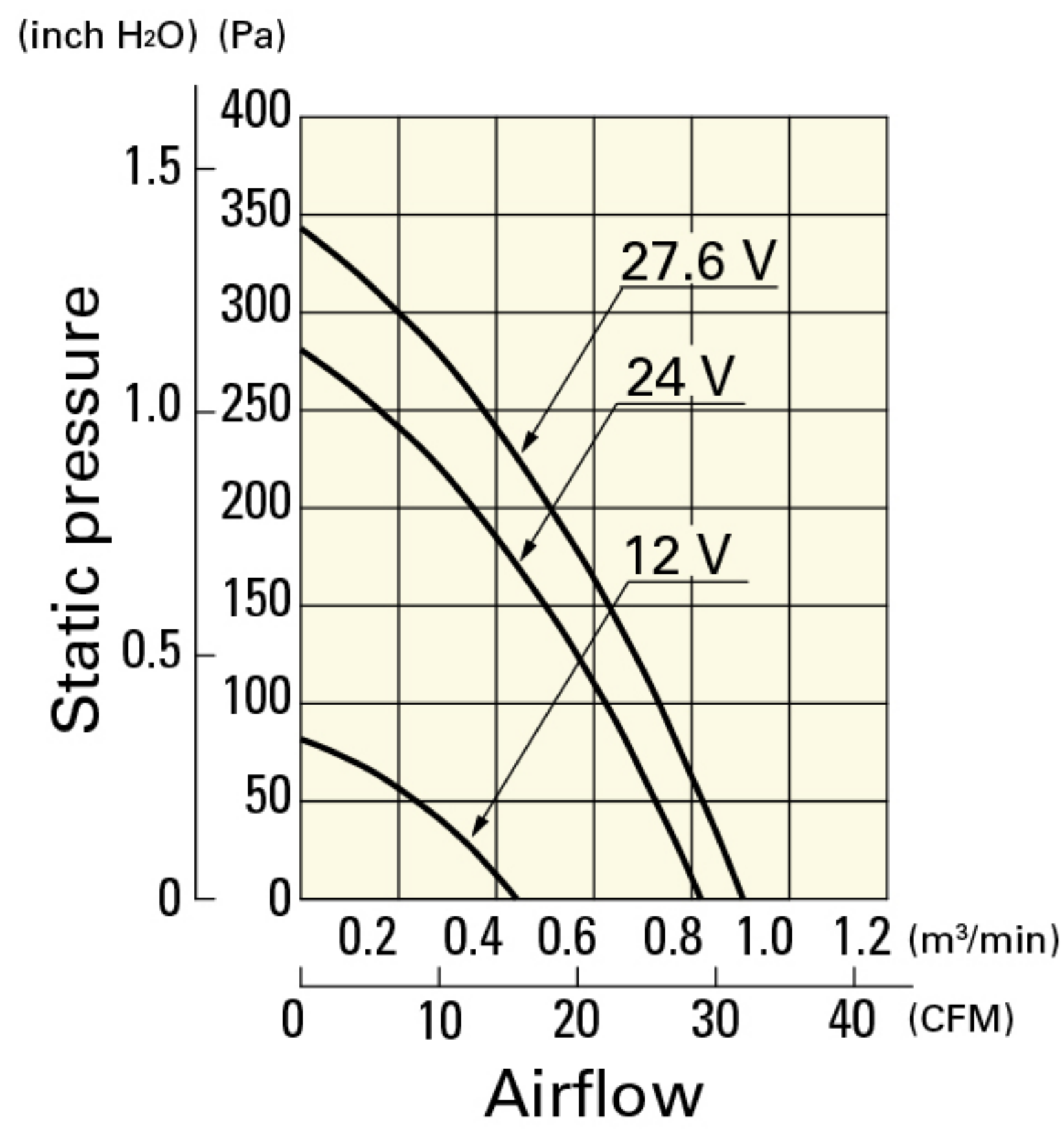
109BM24HC2-1 With pulse sensor

109BM24MC2-1 With pulse sensor

Operating voltage range

Operating voltage range

Operating voltage range



Dimensions (unit: mm)

