

76x20 mm

San Ace B76 9BD type                       



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 58 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]
9BD12SC6-1	12	5 to 13.8	0.28	3.36	4500	0.29 10.2	300 1.2	43	-20 to +70	40000/60°C (70000/40°C)
9BD12HC6-1			0.21	2.52	4200	0.27 9.5	230 0.92	41		
9BD12FC6-1			0.18	2.16	3900	0.25 8.8	200 0.8	39		
9BD24SC6-1	24	10 to 27.6	0.14	3.36	4500	0.29 10.2	300 1.2	43		
9BD24HC6-1			0.12	2.88	4200	0.27 9.5	230 0.92	41		
9BD24FC6-1			0.1	2.4	3900	0.25 8.8	200 0.8	39		

The following sensor and control options are available for selection.

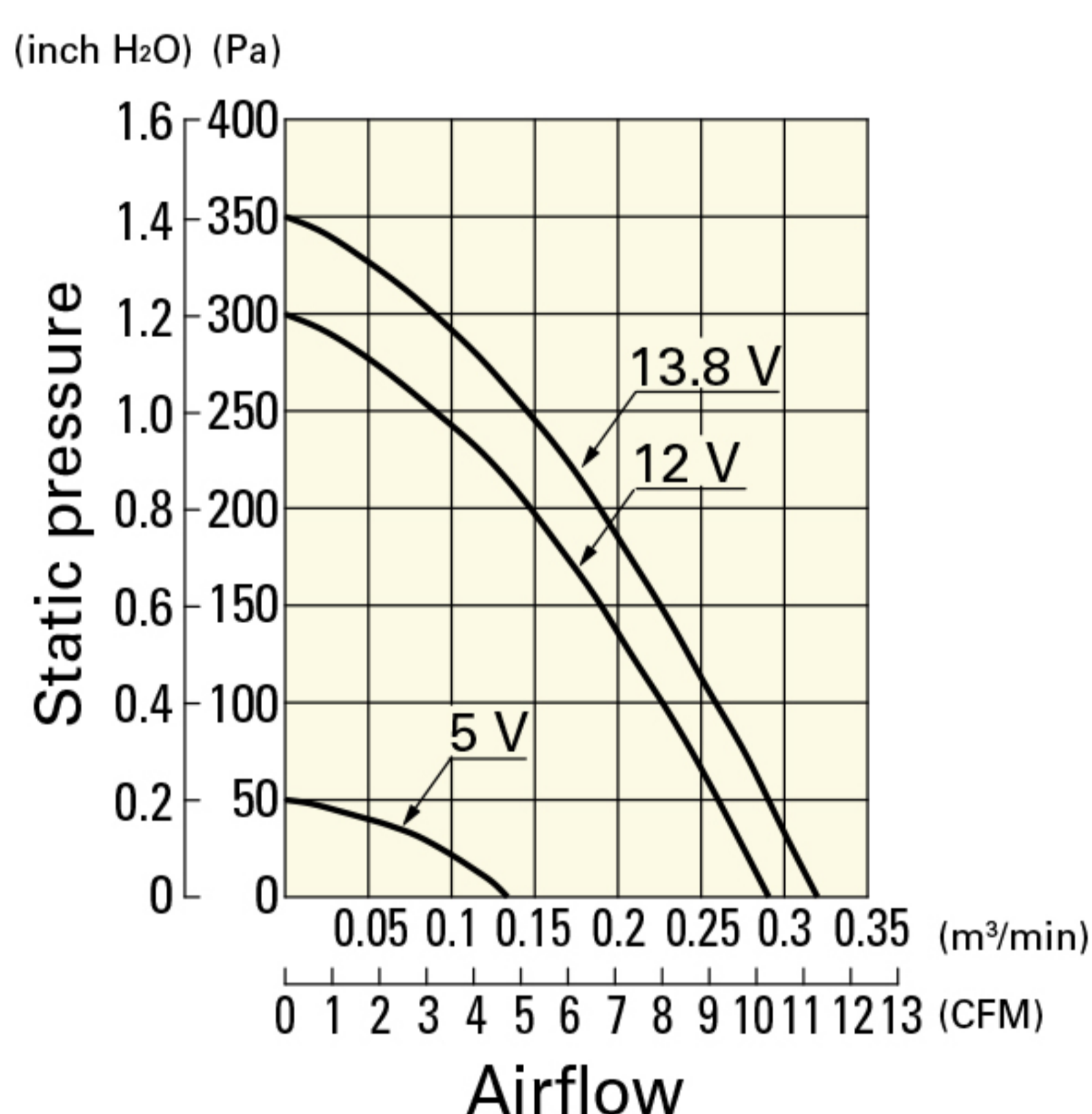
Available for all models. Without sensor Lock sensor

Differs according to the model. Refer to the table on p. 566. PWM control

Airflow - Static Pressure Characteristics

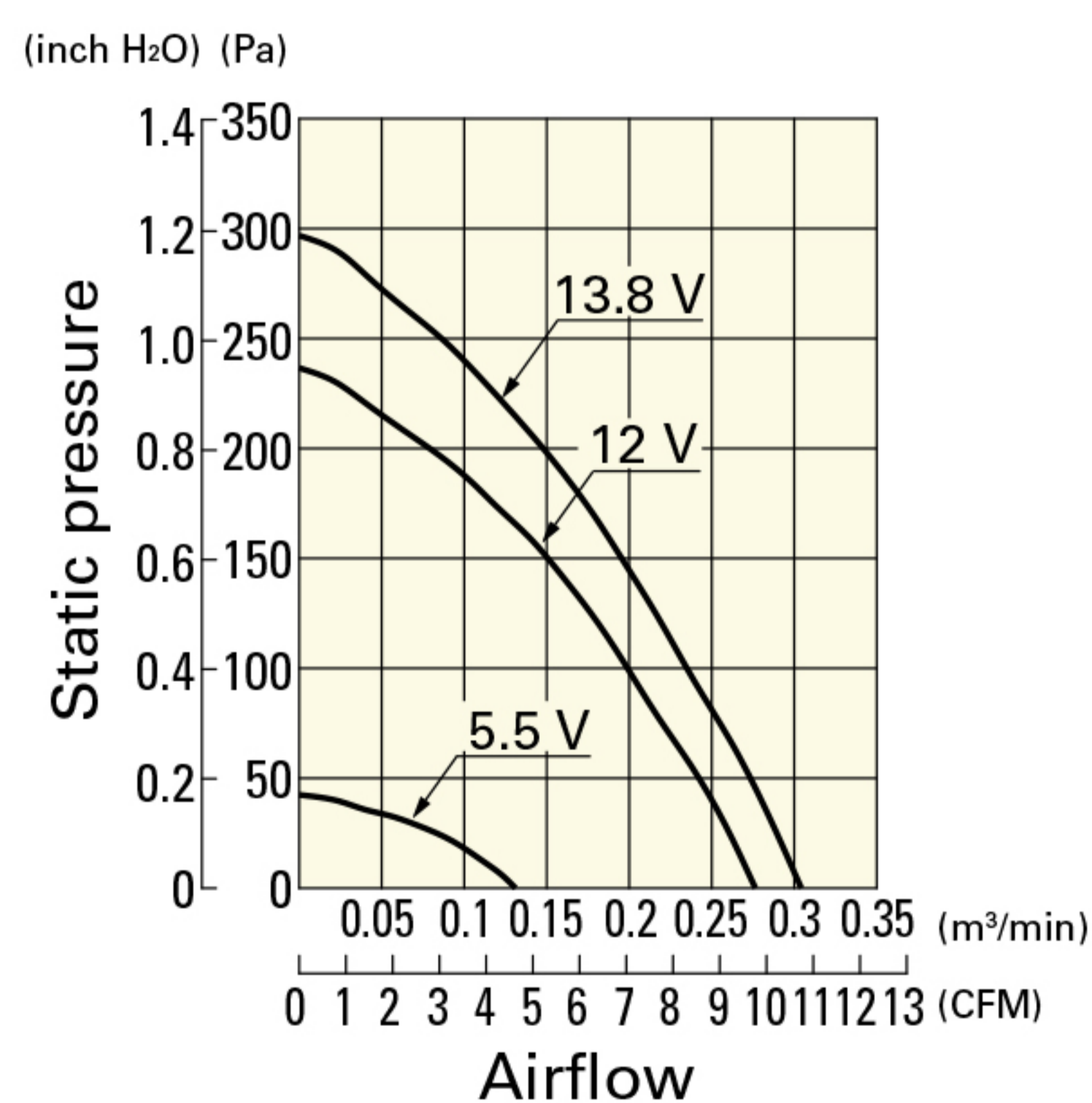
9BD12SC6-1 With pulse sensor

Operating voltage range



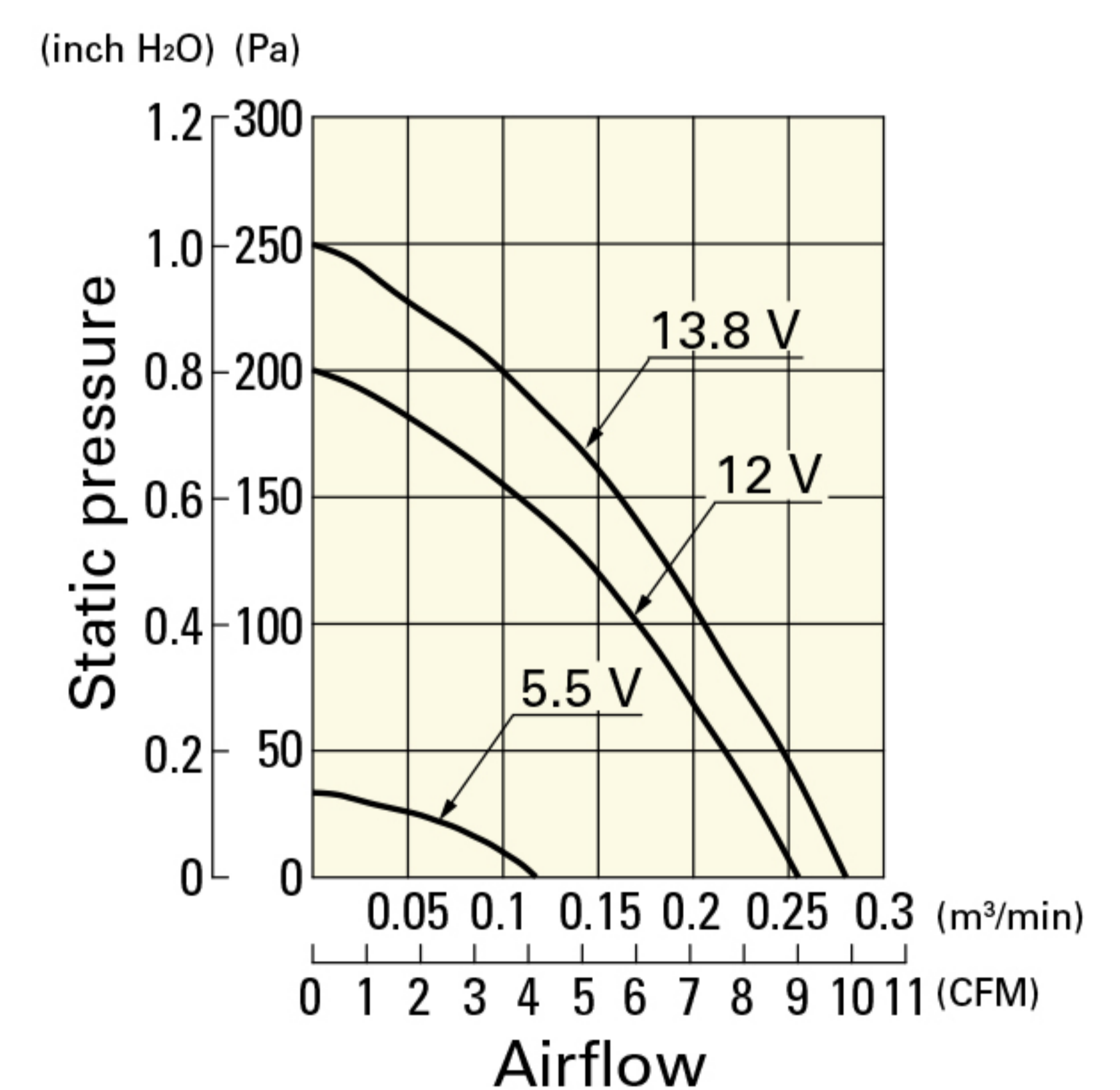
9BD12HC6-1 With pulse sensor

Operating voltage range



9BD12FC6-1 With pulse sensor

Operating voltage range



Airflow - Static Pressure Characteristics

9BD24SC6-1 With pulse sensor

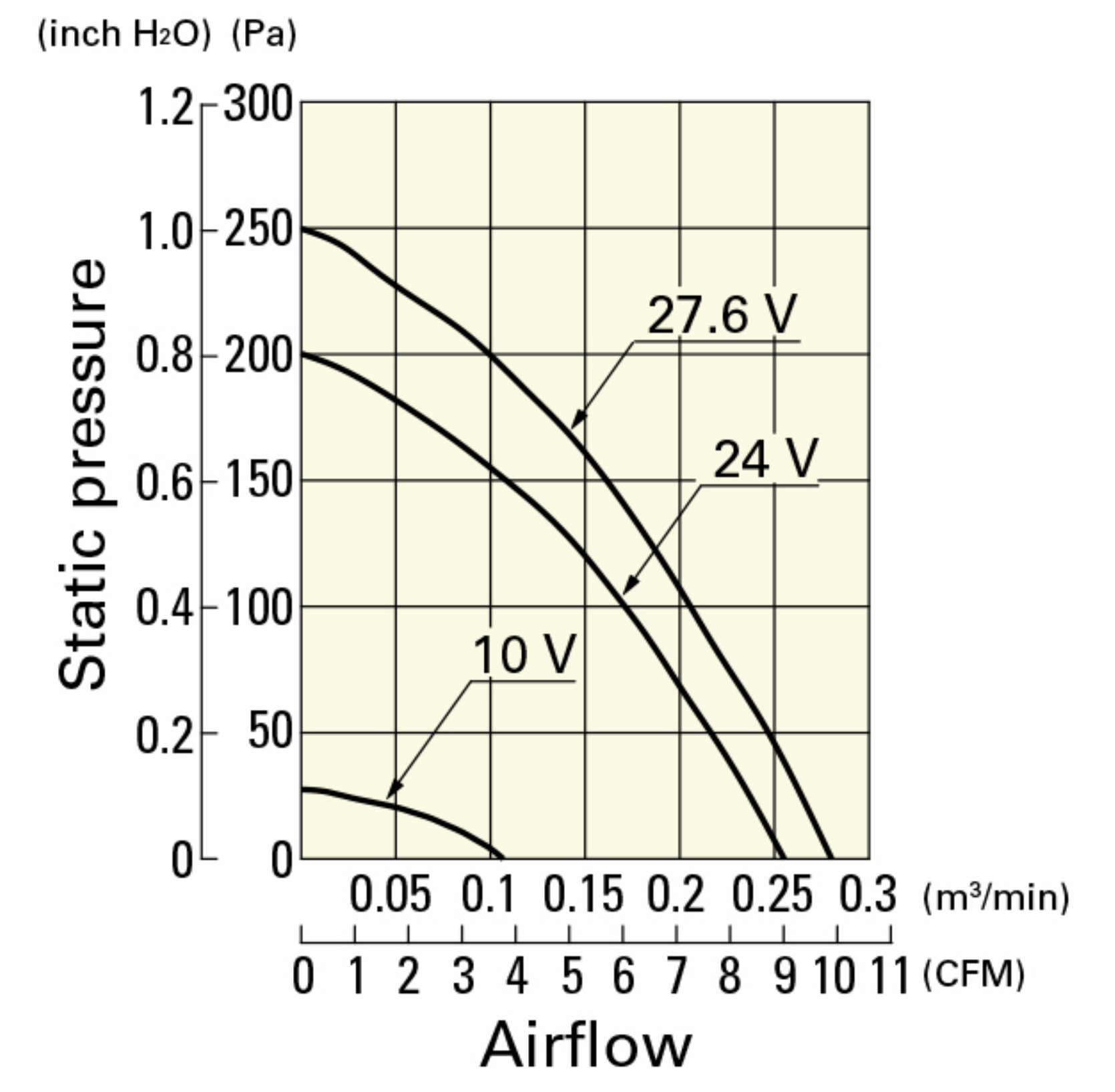
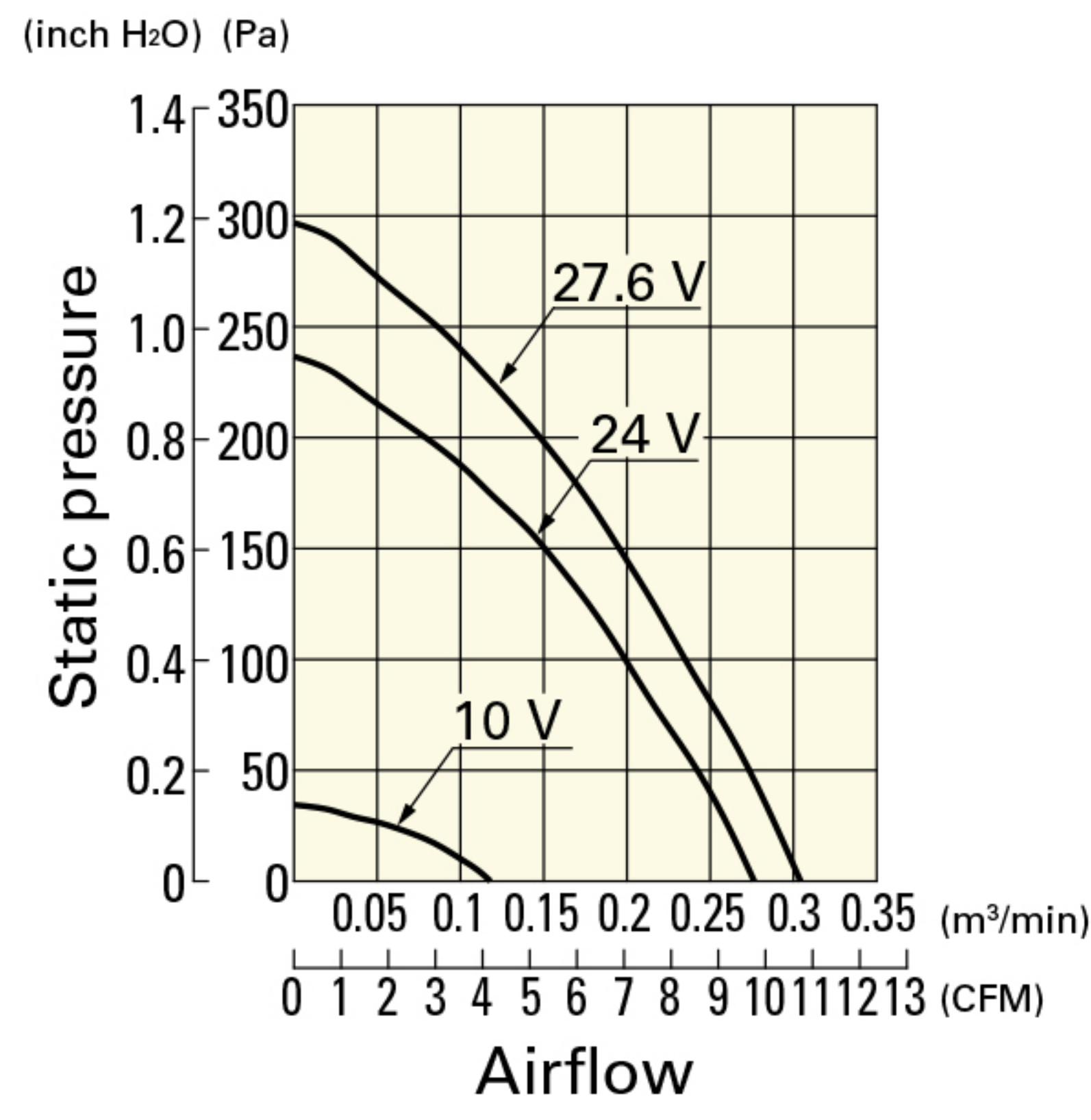
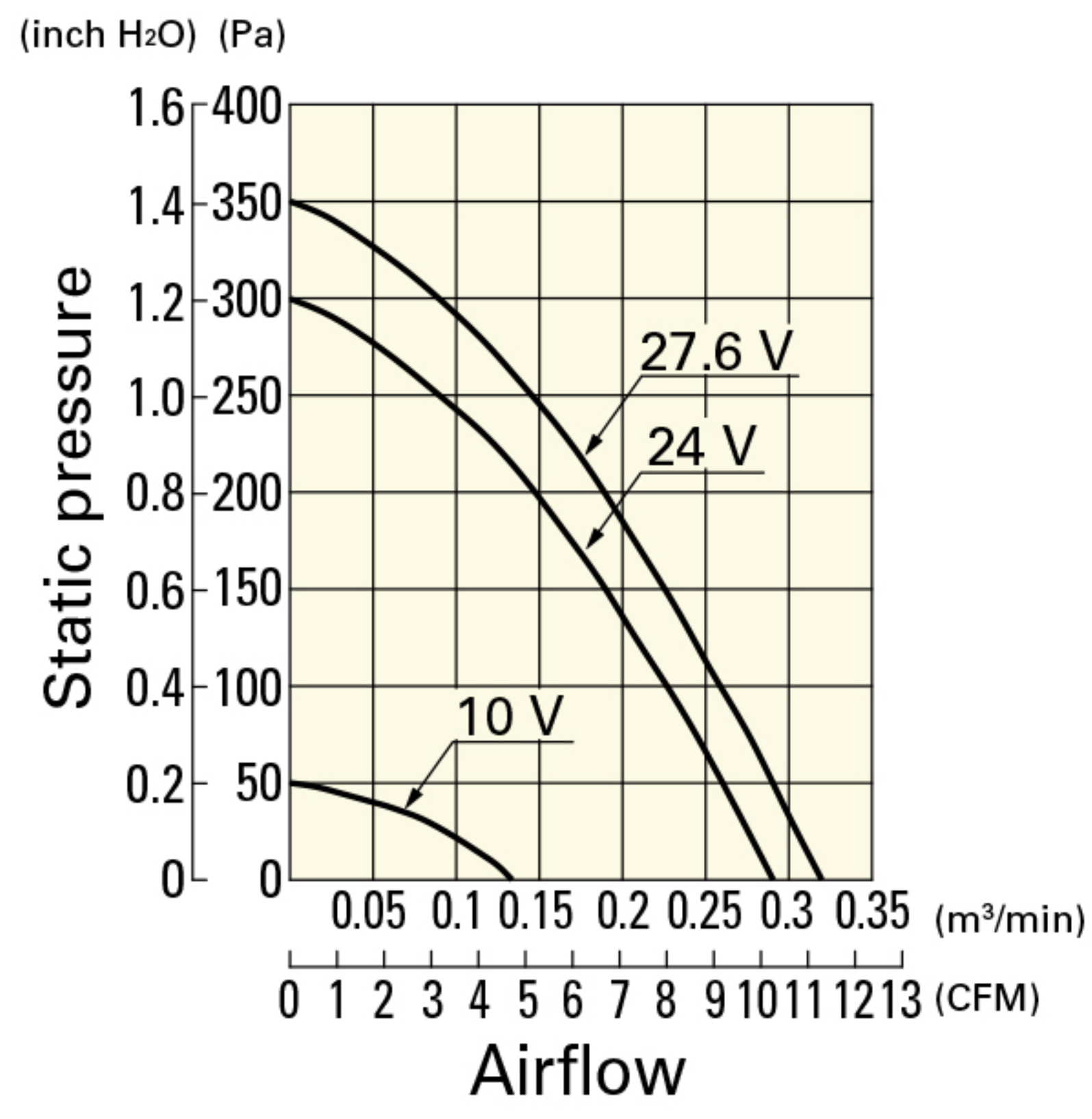
9BD24HC6-1 With pulse sensor

9BD24FC6-1 With pulse sensor

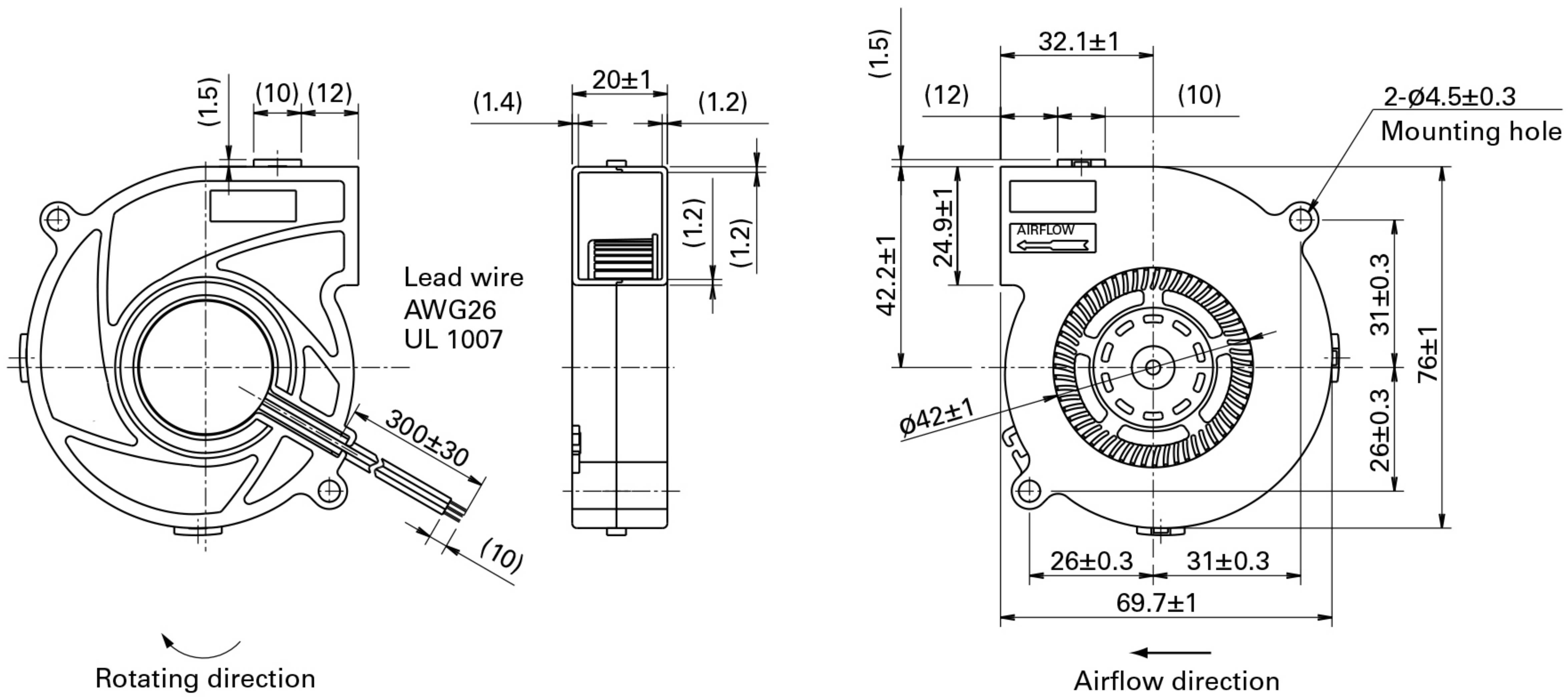
Operating voltage range

Operating voltage range

Operating voltage range



Dimensions (unit: mm)



DC
Blower 76 mm