

# SR-FS-P-225-## Backward Curved Fan set

## Technical Specification\*



### Application

- Various systems of mechanical ventilation,
- Primary Air Movement units for Air Handling Units, Roof Top Units and other,
- Ventilation systems requiring low Specific Fan Power (SFP) together with smooth and precise airflow adjustment,
- Perfect solution to be combined into Fan-Array systems,
- Fitted for Vertical and Horizontal Arrangement.

### General Specification

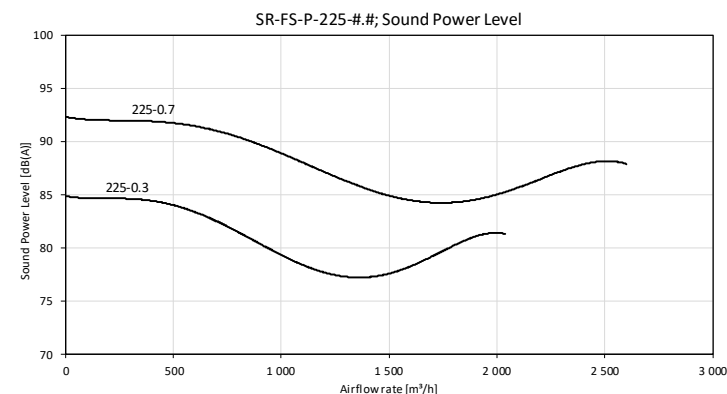
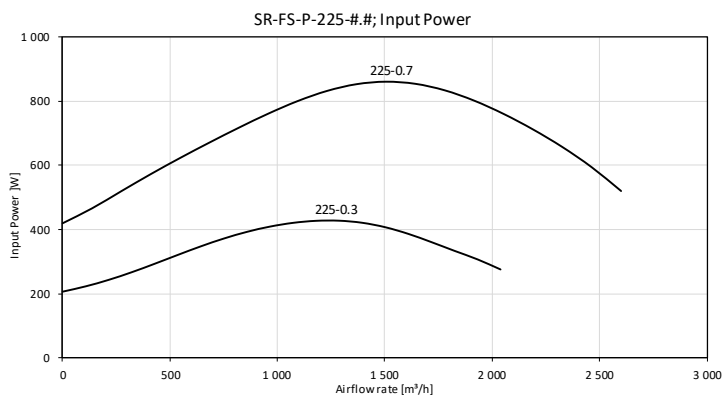
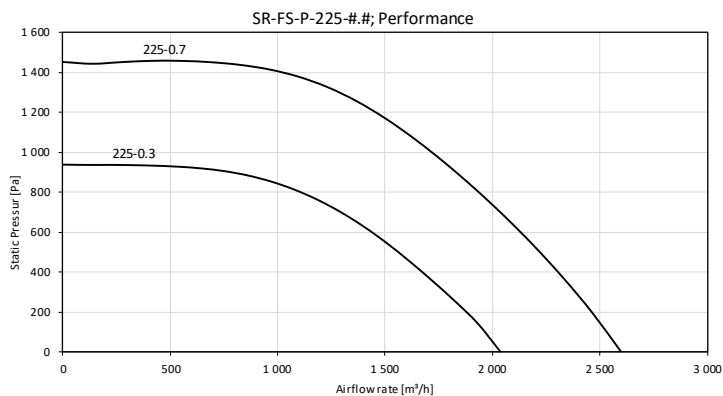
- Fully assembled EC Fan set,
- Support to CAV/VAV systems (factory mounted static pressure probes on fan inlet vane + precisely determined K-factor),
- Air performance according to ISO 5801, Installation Category: A, L<sub>wA</sub> according to ISO 13347.

### Housing

- Front Plate: Hot-dip galvanized steel (DX51D+Z275),
- Motor supporting bracket: Painted low carbon steel,
- Inlet vane: Hot-dip galvanized steel.

### Impeller

- Type: Radial, Backward-curved, Single Inlet,
- Material: High Performance Composite Material (P),
- Balance quality grade: G 6,3 (ISO 1940-1) and BV-3 (ANSI S2.19-1989)



### Motor

- Type: Electronically Commutated, Spinning Stator,
- Housing: Die-cast aluminum,
- Protection Degree: IP54,
- Overload Protection: Inbuilt Thermal Limit,
- Speed Control: 0~10VDC / Modbus RTU,
- Bearing: Ball Type.

FanSet Model	Power supply			Revolutions [min <sup>-1</sup> ]		Efficiency		Reference standards			CAV K-factor	Weight
	Rated Voltage	Rated Current	Input Power	Min	Max/Nominal	Static	FEI	ErP	CE	UL		
SR-FS-P-225-0.3	1x230 VAC / 50-60 Hz	3.0 A	0.4 kW	360	3 600	59%	90	2018	Yes	Yes	47.0	6.1 kg
SR-FS-P-225-0.7	1x230 VAC / 50-60 Hz	5.2 A	0.9 kW	450	4 500	57%	90	2018	Yes	Yes	47.6	7.5 kg

FanSet Model	Dimensions [mm]								
	A	B	C	D	E	F	G	H	ø
SR-FS-P-225-0.3	224	199	254	15	315	288	228	N/A	9
SR-FS-P-225-0.7	250	210	254	15	315	288	228	N/A	9

