



**SILVERSTONE®**  
Designing Inspiration

# FQ SERIES

**Premium Fans Designed for Ultimate Quiet Operation**



The FQ Series represents SilverStone's pursuit of a design that balances performance and tranquility. Its included PWM module allows motherboard to control fan speed and regulate the temperature inside your chassis with optimal efficiency. Equipped with SilverStone's unique P.C.F. bearing<sup>i</sup> and with included speed reduction cable<sup>ii</sup>, the FQ Series fans guarantee both longevity and quietness.

<sup>i</sup> Models equipped with P.C.F bearing (Powder Copper Fluid bearing): FQ91, FQ121, FQ122, FQ141

<sup>ii</sup> Speed reduction cable is included in following models: FQ81, FQ91, FQ122, FQ141

# FW SERIES

**Professional PWM fans with optimal performance and low noise**



FW Series offers high quality fans designed for optimal acoustic performance at affordable price. Powered via PWM 4pin connector, the FW Series fans' speed can be adjusted by supported motherboard or fan controllers to be used for silent running builds or for cooling a high performance machine.





Model	FW121	FW122	FW91	FW81	FQ141	FQ122	FQ91	FQ81
Dimension (mm)	120x120x15	120x120x25	92x92x25	80x80x25	140x140x25	120x120x25	92x92x25	80x80x25
Frame color	blue	blue	blue	blue	white	white	white	white
Blade color	white	white	white	white	blue	blue	blue	blue
Bearing type	Long Life Sleeve	Long Life Sleeve	Long Life Sleeve	Long Life Sleeve	P.C.F. bearing	P.C.F. bearing	P.C.F. bearing	FDB
MTBF (Hours)	40000	40000	40000	40000	150000	150000	150000	50000
Fan connector	4pin PWM	4pin PWM	4pin PWM	4pin PWM	4pin PWM	4pin PWM	4pin PWM	4pin PWM
Rated Voltage	12V DC	12V DC	12V DC	12V DC	12V DC	12V DC	12V DC	12V DC
Start Voltage	5V	5V	4.7V	4.5V	5V	5V	5V	9V
Rated Current (Amp)	0.02 ~ 0.09	0.07 ~ 0.19	0.03 ~ 0.17	0.03 ~ 0.17	0.03 ~ 0.11	0.04 ~ 0.22	0.04 ~ 0.25	0.02 ~ 0.20
Rated Power (W)	0.24 ~ 1.08	0.84 ~ 2.28	0.72 ~ 3.36	0.28 ~ 4.20	0.36 ~ 1.32	0.48 ~ 2.64	0.48 ~ 3.00	0.33 ~ 4.20
Speed (RPM)	800 ~ 2000	1000 ~ 1800	1500 ~ 2800	1200 ~ 3000	500 ~ 1000	800 ~ 1500	1000 ~ 2500	1200 ~ 2800
Airflow (CFM)	13.1 ~ 32.6	42.6 ~ 76.5	26.8 ~ 49.5	12.0 ~ 29.5	31.4 ~ 62.0	37.8 ~ 63.8	19.8 ~ 44.2	12.0 ~ 27.5
Static Pressure (mmH2O)	0.31 ~ 1.52	0.65 ~ 2.10	1.05 ~ 2.76	0.45 ~ 2.90	0.28 ~ 1.21	0.41 ~ 1.50	0.35 ~ 2.20	0.45~2.52
Noise Level (dBA)	14.7 ~ 24.6	18.4 ~ 28.1	14.1 ~ 27.7	15.3~30.0	14.7 ~ 20.7dBA 15.1dBA@7V	14.5 ~ 24.9dBA 15.9dBA@7V	14.7 ~ 24.8dBA 15.3dBA@7V	15~28.5dBA 19dBA@7V
Weight (g)	109	130	86	73	160	130	88	74
Cable length	300mm	300mm	300mm	300mm	300mm	300mm	300mm	300mm
Speed controler	PWM	PWM	PWM	PWM	PWM	PWM	PWM	PWM
Extra	Rubber fan mount	Anti-vibration rubber pads Rubber fan mount	Anti-vibration rubber pads Rubber fan mount	Rubber fan mount	Anti-vibration rubber pads Rubber fan mount Speed reduction cable (630RPM)	Anti-vibration rubber pads Rubber fan mount Speed reduction cable (800RPM)	Anti-vibration rubber pads Rubber fan mount Speed reduction cable (1150RPM)	Anti-vibration rubber pads Rubber fan mount Speed reduction cable (1450RPM)

