



Efficient Powerful Personalized

Smarter Cooling, Sustainable Future

EC Centrifugal Fans

Maximize airflow while minimizing energy consumption with Sunon's new Green EC fans. Optimized using cutting-edge aerodynamic engineering, our centrifugal EC series has motor efficiencies over 94%.

- ✓ **Smart Speed Control**
Built-in 0~10 VDC or PWM control; supports RS485 MODBUS protocol to precisely control airflow.
- ✓ **Protected against the elements**
Fans are rated against dust, water, and even explosions.
- ✓ **Customizable for your system**
All Sunon fans can be customized to meet your unique HVAC needs.
 - Speed • Size • Ingress protection
 - Connectors • Voltage

Sample requests available now
Mass production begins Oct 2025



EC 133
1~100-130VAC
230 CFM



EC 190
1~100-130VAC
420 CFM



EC 190
1~200-277VAC
528 CFM



EC 225
1~200-265VAC
795 CFM



EC 355
3~380-460VAC
4417 CFM

> Higher airflow models EC 400, EC 500, EC 560, and EC 630 begin samples July 2025.



EC Centrifugal Fans



Centrifugal Fan Series

Type	Model	Bearing	Rated Voltage (VAC)	Freq. (Hz)	Power Current (A)	Power Consumption (W)	Fan Speed (RPM)	Air Flow (CFM / m³/h)		Static Pressure (In-H2O / Pa)		Noise (dB(A))
EC 133	CBIP113AB-1000U-ODH	Ball	100-130	50 / 60	0.60	55	4500	230	390	1.83	457	66.3
	CBAP113BB-1000U-ODH	Ball	100-130	50 / 60	0.60	55	4500	230	390	1.83	457	66.3
EC 190	CBIP1199B-1000U-ODH	Ball	100-130	50 / 60	1.46	95	3570	420	712	2.27	566	75.3
	CBAP1198B-1000U-ODH	Ball	100-130	50 / 60	1.46	95	3570	420	712	2.27	566	75.3
EC 190	CBIP319CD-1000U-ODH	Ball	200-277	50 / 60	1.40	180	4500	528	898	3.69	920	81.6
	CBAP319ED-1000U-ODH	Ball	200-277	50 / 60	1.40	180	4500	528	898	3.69	920	81.6
EC 225	CBIP323AB-1000U-ODH	Ball	200-265	50 / 60	1.16	170	3000	795	1351	2.85	711	78.1
	CBAP323FB-1000U-ODH	Ball	200-265	50 / 60	1.16	170	3000	795	1351	2.85	711	78.1
EC 355	CBIP535NH-1000U-ODH	Ball	3~380-460	50 / 60	4.20	2500	3200	4422	7513	6.47	1610	96.0
	CBAP535PH-1000U-ODH	Ball	3~380-460	50 / 60	4.20	2500	3200	4422	7513	6.47	1610	96.0

- Impeller : Plastic PA66
- Impeller : Mg-Al alloys (EC 355)
- Insulation : Class B
- Insulation : Class F (EC 355)

- Operation and Fault Indicator (FG)
- Control Input 0-10 VDC / PWM

- Protection : IP44
- Protection : IP54 (EC 355)
- Safety : UL
- Safety : ETL (EC 190 (200-277V))

* There is no notice in advance about any changes in specifications in this catalog, please refer to datasheet provided by SUNON sales.

* Specifications in this catalog are for reference, please contact SUNON sales for further information such as quotation and lead time.

* If you need special specification. Please contact SUNON sales.

