

Motion in Your life .

Sungshin Makes Life Easier

Today, motors are used to produce almost everything in our lives. Sungshin has become the industry leader of advanced technology motors through eco-friendly production ensuring a higher quality of life and a healthier planet for all.



Contents

- 04 / AC Motor
- 06 / Outer Rotor Motor
- 08 / Blower Motor
- 10 / Air Curtain

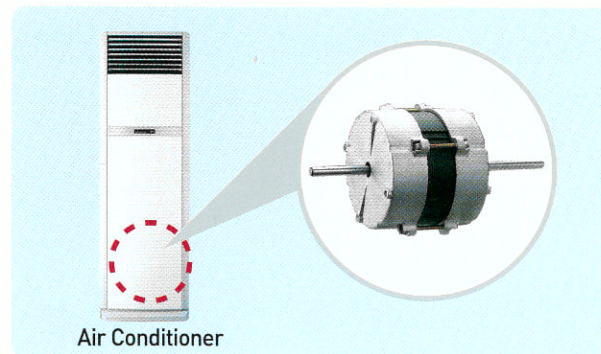
Sungshin is Committed to Making products that meet and exceed the requirements of today's customers. Our state of the art Research and Development Center constantly strives to remain the world leader of technologically advanced motors through manufacturing innovation and a commitment to excellence.



Life's Conveniences

Cutting Edge Motors From Sungshin make life's conveniences reliable and dependable.

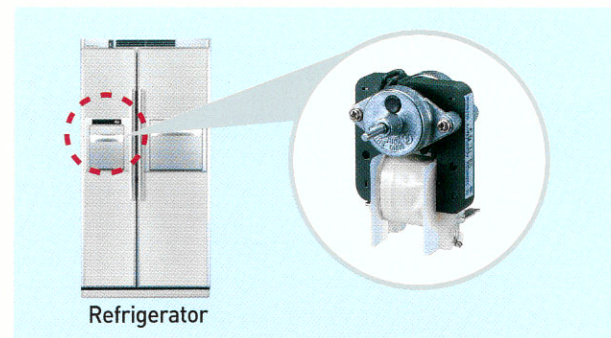
AC Motor



Air Conditioner

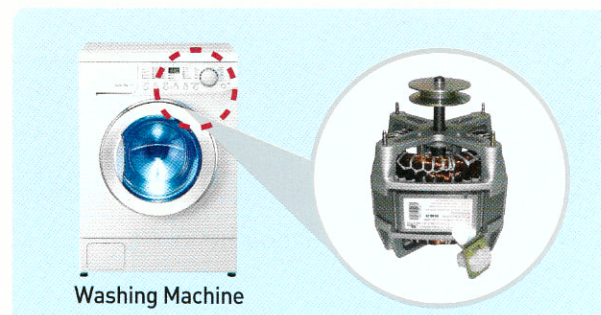
Air Conditioner motor keeping you and your home comfortable.

Refrigerator motor keeps food Fresh and Safe



Refrigerator

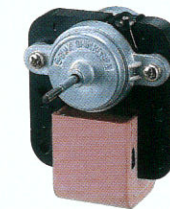
Washing Machine motor helping you're your clothes clean and fresh.



Washing Machine

Sungshin AC Motors - Used Throughout the World

Motor in your life

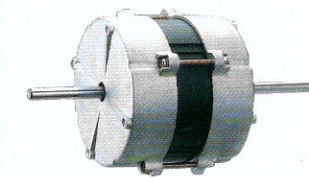


C-frame Motor

Specifications

TYPE	V	Hz	W	RPM	TORQUE(OZ · IN)		remark
					MAX	START	
2			5~55	2700~3500	0.2~4.5	0.1~3.2	
3	110~240 ±15%	50,60	5.5~84	2700~3500	0.4~14.6	0.2~9.1	INS.CLASS A,E,B Water Proof
23			6~16	2700~3500	0.6~3.2	0.5~1.5	
27			5~20	2700~3500	0.4~2.4	0.3~2.2	

Applications : Refrigerators, Humidifier, etc.



Condenser Run Motor

Specifications

TYPE	V	Hz	W	RPM	TORQUE(OZ · IN)		remark
					MAX	START	
8	110~240 ±50%		11~114	1450~3590	4.3~74.3	2.9~30.1	INS.CLASS A,E,B Magnet Wire (Cu, Al)
9			30~64	710~3460	13.9~137.5	2.8~83.3	
1		50,60	30~210	970~1790	29.2~319.5	19.5~222.2	
13	110~240 ±15%		35~430	700~1780	55.6~1180.7	13.9~486.2	
16			175~850	950~1180	347.3~1389	138.9~555.6	

Applications : Air Conditioner, De-humidifier, heater, etc.

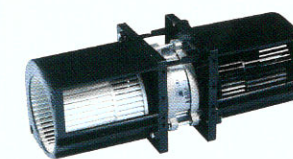


Washer/Dish Washer Motor

Specifications

TYPE	V	Hz	W	RPM	TORQUE(OZ · IN)		remark
					MAX	START	
1	110~240 ±50%		30~210	970~1790	29~321	20~223	INS.CLASS B,F Magnet Wire (Cu, Al)
61					115	50,60	
66	115		500	1640	490	228	

Applications: Laundry machine, Dish washer, etc.



OTR Motor

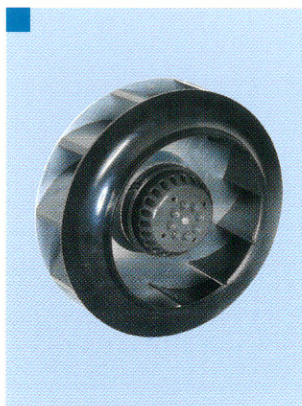
Specifications

TYPE	V	Hz	W	RPM	TORQUE(OZ · IN)		remark
					MAX	START	
8	110~240 ±50%	50,60	19~58	2950~3590	10.8~39.6	4.4~22.5	INS.CLASS A,E,B Magnet Wire (Cu, Al)

Applications: Air Purifier, Range hood, etc.

Sungshin - Preserving our Planet through Technology

Turbo Fan



Features

- Utilizing backward curved impellers with a proprietary broad-winged impeller blade, Sungshin Turbo Fans provide high efficiency airflow of aero distribution dynamics.
- Small, Compact design. Lightweight. Easy to Install in compact places.

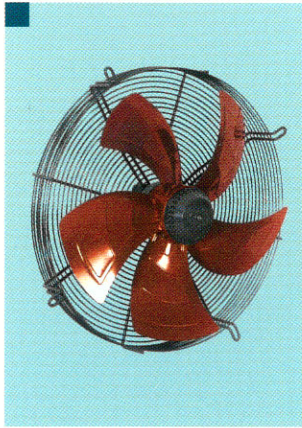
Applications

- Ventilation systems, Air Purification, exhaust systems.

Specifications

FAN SIZE	V	Hz	A	W	RPM	CFM (MAX)	remark
190	120	60	0.7	82	2690	164.8	INS.CLASS B Magnet Wire (Cu)
225	120	60	0.91	110	2400	211.9	
250	120	60	1.64	195	2400	306.1	

Axial Fan



Features

- High Air Circulation, low rated pressure, high discharge area. Easy assembly and installation.

Applications

- Ventilation fan, ductless-low resistance cooling tower.

Specifications

MODEL	PHASE	V	Hz	A	W	RPM	CFM (MAX)	remark
400	S	120	60	1.06	127	1090	1780.5	INS.CLASS F Magnet Wire (Cu)
500	S	120	60	2.3	284	960	3462.7	
600	T	120	60	3.34	562	1000	5578.2	
700	T	120	60	3.8	700	960	5686.5	

Sirocco Fan



Features

- Light, compact, high pressure

Applications

- Widely used in range hoods and enthalpy heat exchangers

Specifications

FAN SIZE	V	Hz	A	W	RPM	CFM (MAX)	remark
133	120	60	0.55	67	1560	88.3	INS.CLASS B,F Magnet Wire (Cu)
145	120	60	0.92	110	1441	206.0	
180-4P	120	60	1.35	150	1168	347.3	

What is an enthalpy heat exchanger?

Enthalpy Heat Exchangers are two-way ventilation systems that discharge contaminated indoor air to the outside and supply fresh outdoor air to the indoor environment and it is a thermal recovery system that recovers thermal energy which is lost to the outside during air-conditioning supplying the recovered thermal energy back to the indoor environment.

Green Innovation
Eco-Friendly Technology - Preserving the Earths Resources Today



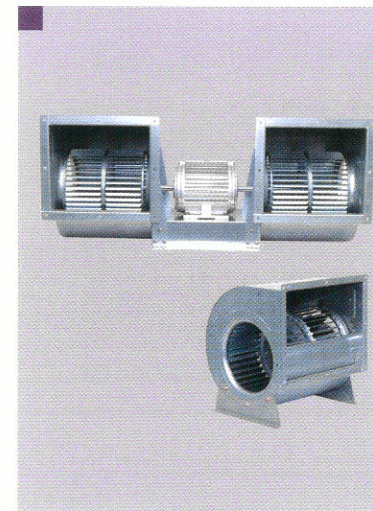
Outer Rotor Motor

Advanced Technology
The world Leader in Advanced Motor
Technology setting New Global Standards

Motion in your life    

Sungshin, A Better Environment Through the Best Technology

Large Blower



▷Features

- High Air flow from a compact design. Strong, Durable, Reliable.
- Easy installation with Direct Drive Motor.
- Low Noise for noise sensitive working environments.

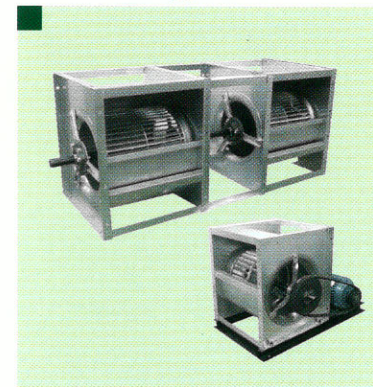
▷Applications

- Air Purification, Ventilation, Intake/Exhaust systems, Factory, Workshops, Office Buildings, etc.

▷Specifications

BLOWER	PHASE	V	Hz	A	W	RPM	CFM(MAX)	remark
SS-910D	T	120/208	60	2.5/1.5	0.45	1150	1400	
SS-110D	T	120/208	60	5.5/3.0	0.98	1150	2200	INS.CLASS F IP CODE IPX2
SS-111D	T	120/208	60	7.8/4.5	1.14	1150	2700	
SS-122D	T	120/208	60	8.9/5.0	1.50	1150	3600	
SS-810FD	T	120/208	60	4.2/2.4	1.35	1730	2600	INS.CLASS F IP CODE
SS-122TD	T	120/208	60	13.5/7.8	3.60	1150	5000	IP CODE IPX3
SS-1512TD	T	120/208	60	20.0/11.5	5.50	1150	7000	

V-Belt type



▷Features

- Wide Range of Sizes.
- Light Weight.
- Easy to Install.

▷Applications

- Air Purification, Ventilation, Intake/ Exhaust systems, Factory, Workshops, Office Buildings, etc.

▷Specifications

BLOWER	PHASE	V	Hz	CFM(MAX)	remark
SS-110TD	T	120/208	60	1800~3200	
SS-122TD	T	120/208	60	2500~4500	
SS-1512TD	T	120/208	60	5600~10600	

Small Blower



▷Features

- Low Noise, Advanced Blade Design and Case Design.
- Universal, Easy Assembly and Installation.
- Maximized Static Pressure.
- Concentrated Air Flow.

▷Applications

- Ventilation, Duct Flow, Temperature - Humidity Chamber, Electronics Cabinet, Exhaust systems, etc.

▷Specifications

MODEL	PHASE	V	Hz	A	W	RPM	CFM(MAX)	remark
SB-85	S	120/240	60	0.3/0.2	37	3200	67	
SB-105	S	120/240	60	0.5/0.2	60	3100	127	
SB-118	S,T	120/240, 120/208	60	0.9/0.5, 0.7/0.4	120	3300	140	INS.CLASS F IP CODE IPX2
SB-150	S,T	120/240, 120/208	60	1.4/0.8, 1.1/0.6	170	3400	230	
SB-200	S,T	120/240, 120/208	60	4.4/2.3, 3.1/1.7	550	3300	400	