

# Product specification list

## Electric blowers

## High-efficiency electric blowers equipped with Premium efficiency motor (IE3)

### Efficiency standard value (IE code) from JIS C 4034-30

Motor efficiency standard value defined based on class classifications in IEC60034-30.

IE1: Standard efficiency; IE2: High efficiency; IE3: Premium efficiency

Motors with outputs of less than 0.2kW are IE1, those with outputs of 0.4kW are IE2, and those with outputs of 0.75kW or more are IE3.

### Low-noise series (AH type)

Type with low drive noise and large flow volume



Left rotation

Impeller type	Model	Schematic dimensions		Phase	Output (kW)	50Hz		60Hz		Maximum intake air temperature (°C)		Schematic weight (kg)
		Outlet (mm)	Intake (mm)			Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Standard type	Heat-resistant type	
Airfoil	AH-400	97	123	3	0.2	9.5	0.75	11	1.05	40	200	10
	AH-H04	123	148	3	0.4	22	1.00	26	1.45	40	200	20
	AH-H07	★144×144	★170	3	0.75	33	1.25	41	1.80	40	250	30
	AH-H10	★160×160	★200	3	1.0	42	1.30	50	1.90	40	250	36
	AH-H15	★180×180	★250	3	1.5	58	1.45	71	2.05	60	250	52
	AH-H22	★210×210	★275	3	2.2	74	1.60	86	2.30	60	250	61
	AH-H37	★240×240	★300	3	3.7	100	2.15	120	3.10	60	250	77

★mark indicates inner dimensions of outlet flange or intake flange.

### High-pressure series (KSB type)

Type with high efficiency and wide selection range



Right rotation

Impeller type	Model	Schematic dimensions		Phase	Output (kW)	50Hz		60Hz		Maximum intake air temperature (°C)		Schematic weight (kg)
		Outlet (mm)	Intake (mm)			Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Standard type	Heat-resistant type	
Turbo	KSB-H04	82	123	3	0.4	12	2.15	11.5	2.35	60	250	24
	KSB-H07	123	175	3	0.75	25	2.25	24	2.55	60	250	29
	KSB-H15	123	175	3	1.5	35	2.70	34	3.10	60	250	45
	KSB-H22	148	175	3	2.2	43	3.55	42	3.75	60	250	53
	KSB-H37	175	200	3	3.7	65	4.50	65	4.70	60	250	70
	KSB-5500	JIS 5K 200A	JIS 5K 200A	3	5.5	79	5.20	79	5.20	50	200	165
	KSB-7500	JIS 5K 200A	JIS 5K 250A	3	7.5	90	5.59	90	5.59	50	200	180
	KSB-H07B	123	175	3	0.75	18	2.10	21	3.00	60	250	29
	KSB-H15B	123	175	3	1.5	28	2.70	33	3.85	60	250	45
	KSB-H22B	148	175	3	2.2	35	3.15	42	4.50	60	250	52
	KSB-H37B	175	200	3	3.7	50	4.20	60	6.00	60	250	69

### Multi-stage type (U type)

Type with multi-stage design for small flow volume and high pressure



Right rotation

Impeller type	Model	Schematic dimensions		Phase	Output (kW)	50Hz		60Hz		Maximum intake air temperature (°C)		Schematic weight (kg)
		Outlet (mm)	Intake (mm)			Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Standard type	Heat-resistant type	
Turbo	U75-H2	75	123	3	0.4	8.1	2.10	9.4	3.00	60	150	16
	U75-H3	75	123	3	0.4	8.5	3.00	5.9(10)	4.30	60	150	18
	U75-H4	75	123	3	1.0	8.5	4.00	8.5(10)	5.70	60	▲ 70	25
	U75-H5	75	123	3	1.0	8.7	4.90	5.9(10.5)	7.10	60	▲ 70	27
	U100B-H26	100	148	3	1.5	14	4.00	16	5.60	40	150	39
	U100B-H35	100	148	3	1.5	14	5.80	-	-	40	▲ 70	42
	U100B-H36	100	148	3	2.2	14	5.80	17	8.30	40	▲ 70	44
	U100B-H45	100	148	3	2.2	15	7.60	-	-	40	▲ 70	47
	U100B-H46	100	148	3	3.7	15	7.60	17	11.0	40	▲ 70	52
	U100B-H55	100	148	3	2.2	15	9.60	-	-	40	▲ 70	49
	U100B-H56	100	148	3	3.7	15	9.60	18	13.8	40	▲ 70	55

For heat-resistant type maximum intake temperatures with ▲ mark, products with a maximum intake temperature of 150°C can be made by special order.  
Values in parentheses indicate maximum flow volume above rated value.

### Compact series (E type)

Compact type for various applications

Compact type suitable for various applications and designed to be easily attached to industrial machinery or equipment.



EC : Right rotation  
EP : Left rotation  
EM : Right rotation

Impeller type	Model	Schematic dimensions		Phase	Output (kW)	50Hz		60Hz		Maximum intake air temperature (°C)		Schematic weight (kg)
		Outlet (mm)	Intake (mm)			Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Standard type	Heat-resistant type	
Turbo	EC-63S	φ63	φ97	Single	0.1	4.5	0.60	5.5	0.85	60	250	6.5
	EC-63T	φ63	φ97	3	0.1	4.5	0.60	5.5	0.85	60	250	6.5
	EC-75S	φ75	φ97	Single	0.2	6.5	0.80	7.5	1.15	60	250	8.3
	EC-75T	φ75	φ97	3	0.2	6.5	0.80	7.5	1.15	60	250	8.3
	EC-04S	φ97	φ123	Single	0.4	13	1.32	16	1.91	60	250	13.8
	EC-H04	φ97	φ123	3	0.4	13.5	1.30	16	1.90	60	250	17
	EC-H07	φ123	φ148	3	0.75	21	1.40	25	2.00	60	250	25
	EC-H10	φ123	φ148	3	1.0	22	1.65	26.5	2.35	60	250	26
	EC-H15	φ148	φ148	3	1.5	30	1.95	34	2.80	60	250	40
	EP-63S	φ63	φ97	Single	0.1	5.0	0.60	6.0	0.85	60	250	6.5
Plate	EP-63T	φ63	φ97	3	0.1	5.0	0.60	6.0	0.85	60	250	6.5
	EP-75S	φ75	φ97	Single	0.2	7.0	0.80	8.0	1.15	60	250	9
	EP-75T	φ75	φ97	3	0.2	7.0	0.80	8.0	1.15	60	250	9
	EP-04S	φ97	φ123	Single	0.4	13.5	1.18	16	1.67	60	250	13
	EP-H04	φ97	φ123	3	0.4	12.5	1.15	15	1.65	60	250	17
	EP-H07	φ123	φ148	3	0.75	22	1.20	19.5(26)	1.75	60	250	25
	EP-H10	φ123	φ148	3	1.0	22.5	1.45	24(26)	2.10	60	250	25
	EP-H15	φ148	φ148	3	1.5	29	1.65	30(34)	2.35	60	250	40
	EM-H07	φ97	φ123	3	0.75	17	1.25	16(19)	1.80	60	250	19
	EM-H22	φ123	φ148	3	2.2	32	1.65	31(36)	2.40	60	250	38

Values in parentheses indicate maximum flow volume above rated value.

### Multi series (FS, FSM types)

FS type with direct mounting of outlet flange  
FSM type which is easily combined into a set with industrial machinery

Compact design type that employs sirocco impeller.



Right rotation

Impeller type	Model	Schematic dimensions		Phase	Output (kW)	50Hz		60Hz		Maximum intake air temperature (°C)		Schematic weight (kg)
		Outlet (mm)	Intake (mm)			Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Standard type	Heat-resistant type	
Sirocco	FS-150	70×80	※97	3	0.2	7.0(6.2)	0.39(0.35)	8.0(7.0)	0.55(0.50)	40	200	6.0
	FS-200	76×76	※123	3	0.25	9.5	0.55	11	0.75	40	200	8.5
	FS-H04	φ106	※123	3	0.4	15	0.70	16	1.00	60	250	16
	FS-H07	φ125	※148	3	0.75	23	0.90	20(26)	1.30	60	250	20
	FS-H15	134×166	※148	3	1.5	37	1.20	32(43)	1.70	60	250	36
	FS-H22	140×170	※173	3	2.2	48	1.40	42(55)	2.00	60	250	41
	FSM-04S	φ100	※123	Single	0.4	13	0.71	15	1.03	40	250	12.5
	FSM-H04	φ100	※123	3	0.4	15	0.70	16	1.00	60	250	16
	FSM-H07	φ123	※148	3	0.75	23	0.90	20(26)	1.30	60	250	21

※Outer dimension of duct flange of heat-resistant type

Values in parentheses indicate maximum flow volume above rated value.  
( ) Numbers in parentheses are the performance for heat-resistant types.

## General-purpose series (SF, SB types)

### General-purpose type that can meet any need

General-purpose type with lineup from 0.025kW to 0.25kW



**SF-38、SF-50、SF-55S : Left rotation**  
**SB-151、SB-201、SB-202、SF-75、SB-75 : Right rotation**

Impeller type	Model	Schematic dimensions		Phase	Output (kW)	50Hz		60Hz		Maximum intake air temperature (°C)		Schematic weight (kg)
		Outlet (mm)	Intake (mm)			Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Standard type	Heat-resistant type	
Sirocco	SF-38	φ41	Slide damper	Single	0.025	1.1	0.23	1.3	0.33	40	180	2
	SF-50	φ49	Slide damper	Single	0.04	2.3	0.31	2.7	0.44	40	180	2.9
	SF-55S	φ49	Slide damper	Single	0.04	2.5	0.32	2.8	0.46	40	180	3
Turbo	SB-151	φ41	Slide damper	Single	0.04	1.6	0.47	2.0	0.66	40	—	3
	SB-201	φ49	※63	Single	0.04	2.2	0.47	2.6	0.66	40	200	3
	SB-202	φ49	※63	3	0.04	2.2	0.47	2.6	0.66	40	200	3
Sirocco	SF-75	φ75	※123	Single	0.25	8.0	0.55	9.5	0.80	40	200	8
	SB-75	φ75	※123	3	0.25	8.0	0.55	9.5	0.80	40	200	8

※Outer dimension of duct flange of heat-resistant type

Values in parentheses indicate maximum flow volume above rated value.

## Stainless-steel construction (G) / Steel plate construction (F) series (E, AH, KSB types)

### Types resistant to corrosion and abrasion

Blowers which use SUS304 (G series) or SS (F series) in the flow path section to provide corrosion and abrasion resistance.



E type



AH type



KSB type

Output (kW): 0.1 to 2.2

Maximum flow volume (m³/min): 5.0 to 33

Maximum static pressure (kPa): 0.55 to 2.95

Output (kW): 0.2 to 3.7

Maximum flow volume (m³/min): 10 to 122

Maximum static pressure (kPa): 0.75 to 3.15

Output (kW): 0.4 to 3.7

Maximum flow volume (m³/min): 11.5 to 60

Maximum static pressure (kPa): 2.00 to 5.70

For detailed specifications, please see our company's home page.

## Explosion-proof series (MD, ME types)

### Types which can be used in places where volatile gases are generated or accumulate

Types which can be used in places where volatile gases are generated or accumulated, with both series equipped with our company's explosion-proof motors.  
MD type: Pressure-resistant explosion-proof type  
ME type: Increased-safety explosion-proof type



Impeller type	Model	Schematic dimensions		Phase	Output (kW)	50Hz		60Hz		Maximum intake air temperature (°C)		Schematic weight (kg)
		Outlet (mm)	Intake (mm)			Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Standard type	Heat-resistant type (MD-MD/F/ME)	
Turbo	MD/ME/MD/EC-63T	63	97	3	0.2	4.5	0.60	5.5	0.85	40	120/150	10/8
	MD/ME/MD/EC-75T	75	97	3	0.2	6.5	0.80	7.5	1.15	40	120/150	11/9
	MD/ME/MD/EC-100T	97	123	3	0.5	13	1.30	16	1.90	40	120/150	16/15
	MD/ME/MD/EC-125	123	148	3	1.0	24	1.70	25(28)	2.50	40	120/150	25/23
Sirocco	MD/ME/MD/EM-100T7	97	123	3	0.75	16	1.25	16(19)	1.80	40	120/150	20/18
	MD/ME/MD/EM-125M2	123	148	3	2.2	33	1.65	32(37)	2.50	40	120/150	31/28
	MD/ME/MD/EP-63T	63	97	3	0.2	5.0	0.60	6.0	0.85	40	120/150	10/8
	MD/ME/MD/EP-75T	75	97	3	0.2	7.0	0.80	8.0	1.15	40	120/150	11/9
Plate	MD/ME/MD/EP-100T	97	123	3	0.5	13.5	1.20	14(16)	1.70	40	120/150	16/14
	MD/ME/MD/EP-125	123	148	3	1.0	23	1.50	22(27)	2.15	40	120/150	24/22
	MD/ME/MD/AH-400	97	123	3	0.2	9.5	0.75	11	1.05	40	120/150	13/11
	MD/ME/MD/AH-500	123	148	3	0.5	18	1.00	21	1.40	40	120/150	20/18
Airfoil	MD/ME/MD/AH-600	*144×144	*170	3	0.75	32	1.25	38	1.80	40	120/150	30/28
	MD/ME/MD/AH-800	*160×160	*200	3	1.0	40	1.30	47	1.90	40	120/150	34/32
	MD/ME/MD/AH-1000	*180×180	*250	3	1.5	56	1.45	67	2.00	40	120/150	47/44
	MD/ME/MD/AH-1200	*210×210	*275	3	2.2	76	1.60	90	2.35	40	120/150	55/52
Turbo	MD/ME/MD/KSB-400	82	123	3	0.5	11	2.05	11.5	2.25	40	120/150	25/23
	MD/ME/MD/KSB-750	123	175	3	0.75	20(24)	2.20	22.5	2.45	40	120/150	31/29
	MD/ME/MD/KSB-1500	123	175	3	1.5	33	2.65	33	3.05	40	120/150	40/38
	MD/ME/MD/KSB-2200	148	175	3	2.2	40	3.45	40	3.70	40	120/150	44/42
Sirocco	MD/ME/MD/KSB-750B	123	175	3	0.75	17	2.05	20	2.90	40	120/150	30/29
	MD/ME/MD/KSB-1500B	123	175	3	1.5	26	2.60	30	3.80	40	120/150	40/38
	MD/ME/MD/KSB-2200B	148	175	3	2.2	32	3.10	34(38)	4.40	40	120/150	44/42
	MD/ME/MD/SB-75	75	Slide damper <sup>★</sup> (123)	3	0.25	8.0	0.55	9.5	0.80	40	120/150	13/11
Sirocco	MD/ME/MD/SB-100	97	Slide damper <sup>★</sup> (123)	3	0.5	13	0.70	15	1.00	40	120/150	14/12
	MD/ME/MD/SB-150	150×150	Slide damper <sup>★</sup> (148)	3	0.75	21	0.90	20(25)	1.30	40	120/150	23/21
	MD/ME/MD/FS-150	*70×80	Slide damper <sup>★</sup> (97)	3	0.2	7.0	0.39	8.0	0.55	40	120/150	9/7
	MD/ME/MD/FS-200	*76×76	Slide damper <sup>★</sup> (123)	3	0.25	9.5	0.55	8.0(11)	0.75	40	120/150	13/11
Sirocco	MD/ME/MD/FS-400	*102×102	Slide damper <sup>★</sup> (123)	3	0.5	15	0.80	14(18)	1.10	40	120/150	14/12
	MD/ME/MD/FS-750	*110×120	Slide damper <sup>★</sup> (148)	3	0.75	21	0.85	19(26)	1.25	40	120/150	19/18
	MD/ME/MD/FS-1500	*144×166	Slide damper <sup>★</sup> (148)	3	1.5	32	1.10	35(39)	1.60	40	120/150	30/28
	MD/ME/MD/FS-2200	*150×170	Slide damper <sup>★</sup> (173)	3	2.2	45	1.40	43(53)	2.05	40	120/150	32/30
Turbo	MD/ME/MD/U75-2	75	123	3	0.5	8.0	2.05	9.2	2.95	40	120/150	17/15
	MD/ME/MD/U75-3	75	123	3	0.5	8.3	2.95	4.8(9.5)	4.20	40	120/150	19/17
	MD/ME/MD/U75-4	75	123	3	1.0	8.5	3.90	9.0(10)	5.50	40	70	24/22
	MD/ME/MD/U75-5	75	123	3	1.0	8.8	4.80	5.8(10)	6.80	40	70	26/24
	MD/ME/MD/U100B-26	100	148	3	1.5	14	3.90	16	5.60	40	120/150	36/34
	MD/ME/MD/U100B-35	100	148	3	1.5	13	5.70	-	-	40	70	42/40
	MD/ME/MD/U100B-36	100	148	3	2.2	14	5.80	17	8.30	40	70	42/40
	MD/ME/MD/U100B-45	100	148	3	2.2	14	7.60	-	-	40	70	48/45
	MD/ME/MD/U100B-55	100	148	3	2.2	14	9.50	-	-	40	70	53/50

Schematic weight for MDF is excluding inverter.

★ mark indicates inner dimensions of outlet flange or intake flange.

Values in parentheses are outer diameters of duct flange of heat-resistant type

Values in parentheses indicate maximum flow volume above rated value.

## Explosion-proof series (MDF type)

### Type which can use inverter operation

Safe, worry-free design that passes Technology Institute of Industrial Safety tests, combining our company's pressure-resistant explosion-proof motors with special inverters.

