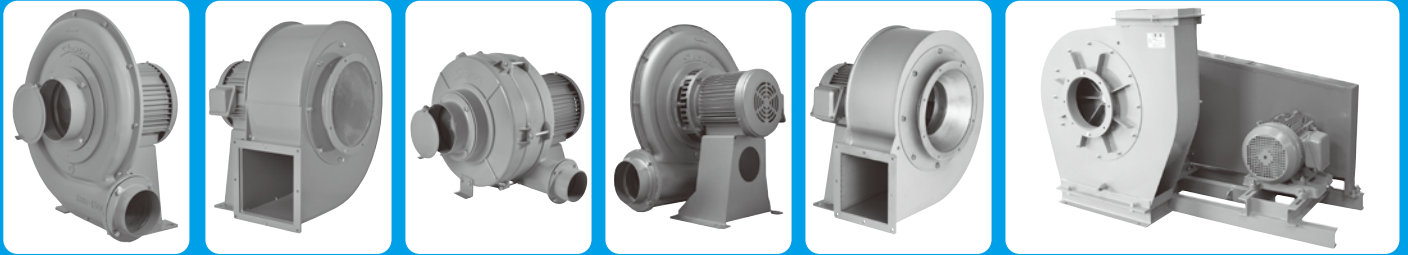
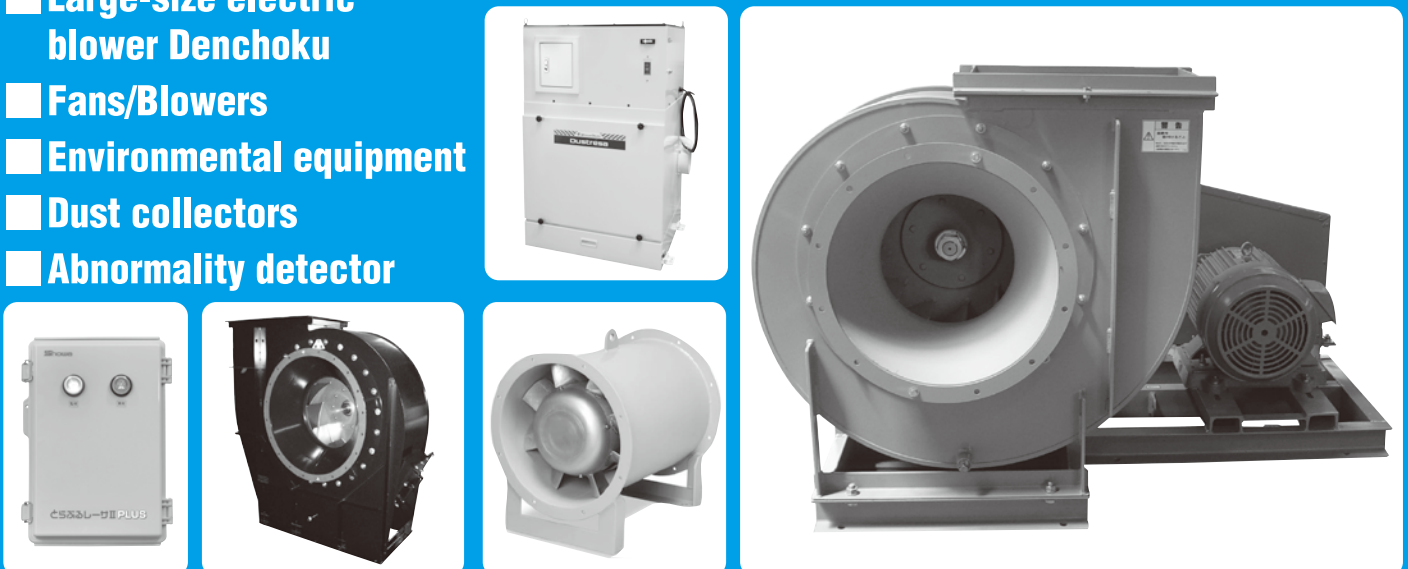


Product Guide



- Electric blowers
- Large-size electric blower Denchoku
- Fans/Blowers
- Environmental equipment
- Dust collectors
- Abnormality detector



Showa Denki

Search

Detailed external dimension drawings and performance curves are available online at our company's home page.



Providing Hospitality to the Environment

Showa Denki Group



Since the founding of Showa Denki in 1950, we have accumulated technologies that enable us to meet almost any customer request through our experience in manufacturing all product parts, including the motors. There are no limits in the development of wind power technology. We are constantly developing the next product, the next field, and the next application to contribute widely to industry using our advanced technology.

High-efficiency electric blowers equipped with our Premium motors (IE3)

Standard heat-resistant type can withstand 250°C (200°C for AH-HO4; 70°C and 150°C for U75 and U100B respectively). Other standard blower models available include stainless-steel models that offer excellent abrasion resistance and corrosion-resistance or models combined with our originally-developed explosion-proof IE1 motors (0.2kW to 2.2kW : IE2, 3.7kW : IE3).



Motor output: 0.75kW to 7.5kW

Direct-connected electric blowers (Denchoku)

With 142 models of Denchoku welded-construction direct-connected-type electric blowers available, we offer products that match customer applications starting with a single unit. Denchoku models require less space than V-belt drive types, and also offer high safety since there are no exposed rotating parts.



Motor output: 0.75kW to 45kW

Environmental equipment (*Mistrésa*)

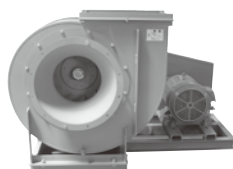
Mistrésa® mist collector models matching various applications are available. They are used mainly to collect mists generated by machine tools and improve the work environment. Demand for Mistrésa® products is increasing every year due to increased environmental consciousness.



Motor output: 0.2kW to 2.2kW

Fans / Blowers

Our welded-construction blowers are used mainly for large-sized industrial equipment or plant facilities. Many models feature specifications with high corrosion resistance or heat resistance.



Motor output: 0.4kW to 300kW

Dust collectors (*Dustrésa*)

Utilizing our blower technology, we developed a blower specially designed for dust collectors which achieves high performance and low drive noise in a compact size. Compact models combining the dust collector and blower in a single unit are available as standard models with outputs from 0.2kW to 5.5kW, and we also make separated models in which the dust collector and blower are individual units.



Motor output: 0.2kW to 22kW

Showa-manufactured Premium motors (IE3)

Overseas safety standards (Handled by special order)



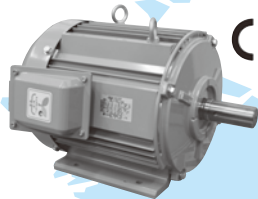
Table of UL standard/CE marking certifications

Output (kW)

0.4	0.75	1.0	1.5	2.2	3.7
-----	------	-----	-----	-----	-----

UL standard/CE marking compatible voltages/frequencies

V	200	220	230	380	400	440	460
50Hz	●		●	●	●		●
60Hz	●	●	●	●	●	●	●



European CE marking

- European CE marking (EN60034-1: 2010)

US UL standard/Canadian CSA standard

- US UL standard (UL 1004-1: 2008 R8.10)
- Canada CSA standard (CAN/CSA-C22.2 No. 100-04 + G11 + G12 (R2009))



High-efficiency regulations



Top Runner standard

- Japan (JIS C 4034-30) IE3



0.75~7.5kW



Chinese high-efficiency regulation (Special order)

- China (GB18613-2012)
- 380V 50Hz
- GB2 Class (IE3)



0.75~3.7kW

(China: Certification label)

For products compatible with China High Efficiency regulations, we have not received the CCC (China Compulsory Certification) standard yet. We are scheduled to apply for certification soon.



South Korean energy consumption efficiency class labeling system (Special order)

- South Korea (KS C 4202)
- 380V 60Hz, 220V 60Hz
- IE2



0.75~3.7kW

(South Korea: Certification label)

For Korean certification-related matters, contact our sales shop.

Special-order products: Changing of shaft tip length at a maximum of 600mm, changing of shaft material, etc. are possible.

Special-order product examples

AH-H04

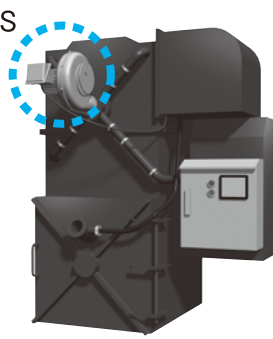


Bread dough fermentation control

Special order details:

- (1) Shaft length
- (2) Shaft material: SUS304

EC-63S

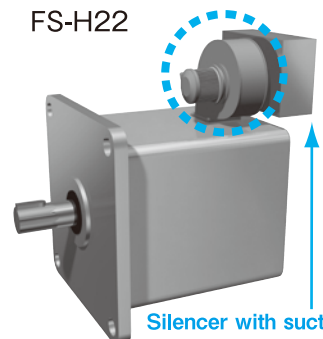


Incinerator furnace combustion promotion

Special order details:

- (1) Rainproof construction
- (2) No stand
- (3) With condenser collection box

FS-H22

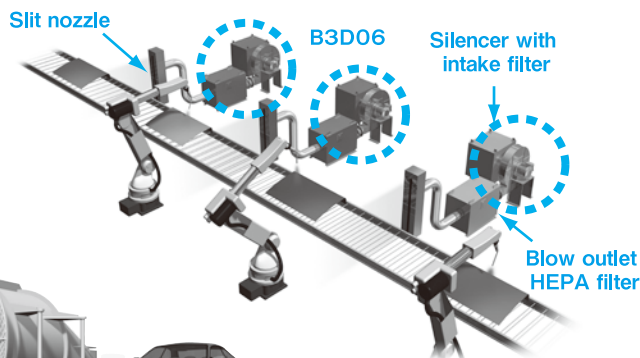


Silencer with suction filter

Equipment/machinery cooling

Special order details:

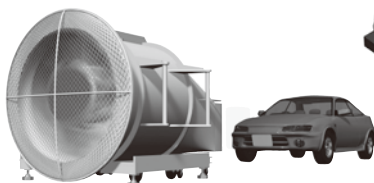
- (1) Impeller vibration-resistant specifications
- (2) Silencer with suction filter
- (3) With warning signal for abnormal stopping of blower



Air curtain for spray-painting

Special order details:

- (1) Silencer with intake filter
- (2) HEPA filter on blower outlet
- (3) Slit nozzle



Direct-connected-motor axial-flow fan 75kW

Radiator cooling during automobile inspection

Special order details:

- (1) With movable casters
- (2) With linking duct for changing blow outlet direction



Examples of electric blowers and fans/blowers with special-order specifications

Materials (Casing, impeller)	
Type of material	Main applications
Stainless steel	Corrosion resistance, heat resistance, decorative appearance, cold resistance
Aluminum	Light weight
High-strength steel plate	High strength, wear resistance
Plated steel plate	Corrosion resistance, decorative appearance
FRP (Phenolic resin)	Chemical resistance, heat resistance (110°C)
Weather-resistant steel plate	Corrosion resistance, weather resistance
Oxidation-resistant steel plate	Corrosion resistance, oxidation resistance
Wear-resistant steel	Wear resistance
Polished steel plate	Decorative appearance
Vibration-damping steel plate	Noise damping, vibration damping
Titanium	Corrosion resistance, heat resistance, high strength, light weight
Inconel	High heat resistance, corrosion resistance
Hastelloy	High heat resistance, corrosion resistance

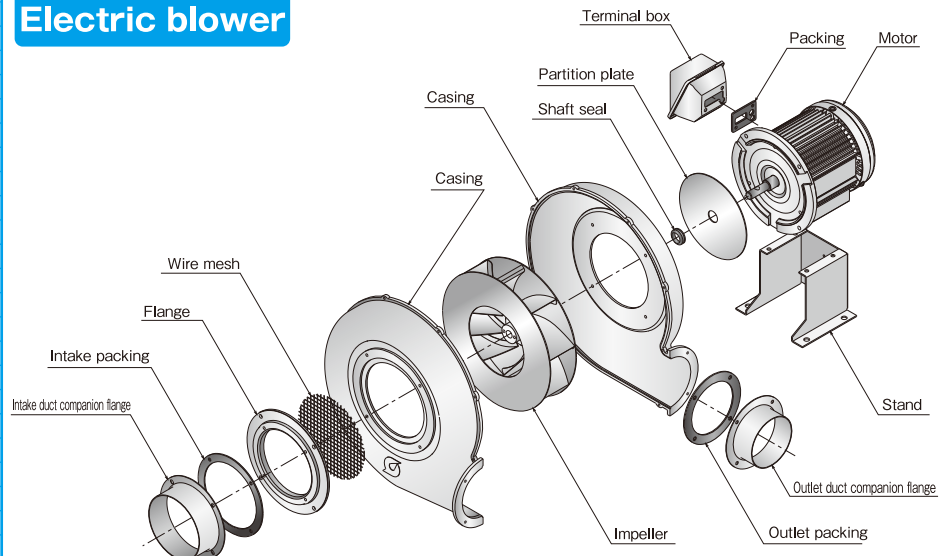
Surface processing (casing, impeller)		
Surface processing type		Main applications
Lining	Rubber lining	Corrosion prevention, wear resistance
	FRP lining	Chemical resistance
Coating	Ceramic lining	Wear resistance
	Teflon coating	Chemical resistance, adhesion resistance
	Ceramic coating	Wear resistance
	Stainless-steel coating	Corrosion resistance, beautiful appearance
Painting	PVC coating	Chemical resistance, beautiful appearance
	Heat-resistant paint	Heat resistance
	Marine paint	Salt resistance
	Acid-resistant paint	Chemical resistance
Plating	Salt-resistant paint	Salt resistance
	Corrosion-prevention paint	Corrosion resistance
	Electrogalvanized plating	Rust prevention, decorative appearance
	Hot-dip galvanized plating	Weather resistance
	Hard chrome plating	Wear resistance, decorative appearance
	Electroless nickel plating	Decorative appearance
Other types	Anodic oxidation coatings on aluminum	Heat resistance
	Alumite	Corrosion resistance (aluminum)
	Hard-faced welding	Wear resistance
	Shot-blasting	Substrate treatment
Other types	Degreasing	Substrate treatment
	Nitriding	Surface hardening
	Vacuum impregnation	Pore sealing
	Acid washing	Weld burn removal
	Thermal spraying	(Depending on type of material)
	Work hardening (shot peening)	Surface hardening, stress removal
Other types	Surface tempering	Surface hardening, wear resistance
	Buffing	External appearance, cotton sending

Please ask us about even small modifications. Showa Denki can handle all kinds of customer requests with short delivery times starting from even a single unit

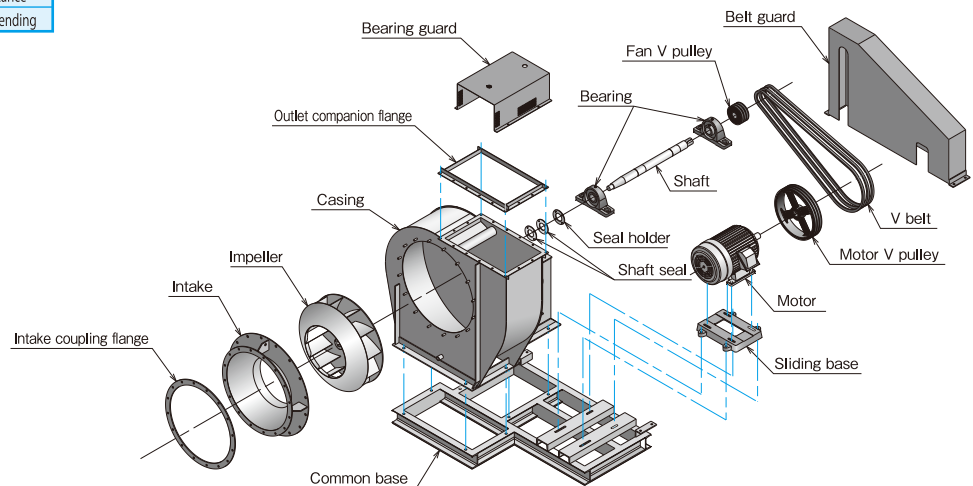
Bearings	
Bearings type	Main applications
Plummer block	
Heat-resistant type	High heat
SUS440C	Corrosion prevention
Ceramic	Corrosion prevention, high-speed rotation
Creep prevention	
Pillow block	
Water-cooled type	High heat
Oil-bath	High-speed rotation
Oil-bath water-cooled	High heat, high-speed rotation

Shaft seal	
V ring	
Sheet packing	
Oil seal	
Gland packing	
Labyrinth seal	
Balanced seal	
Gas seal	
Mechanical seal	
Floating seal	
Threaded seal	
Magnetic fluid seal	

Electric blower



Fan/blower



Drive sources	
Motors	Drip-proof protection
	Fully-enclosed type
	Totally-enclosed fan cooled type
	Indoor type
	Outdoor type
	High-efficiency motor
	Increased-safety explosion-proof type
	Pressure-resistant explosion-proof type
	Long shaft
	Dust-proof type
	Corrosion-proof type
	Heat-resistant type
	Variable-speed motor
	DC motor
	Pole change
Drive system	UL standard
	CE marking
	Chinese high-efficiency regulation
Other drive sources	South Korean high-efficiency regulation
	Direct electric-motor connection
	Belt drive
Other drive sources	Coupling
	Magnetic coupling
Other drive sources	Engine
	Hydraulic motor

Special construction	
	Furnace agitation type
	Double volute
	Casing door open/close type
	Pressure-resistant construction

Accessories	
Dampers	Slide damper
	Butterfly damper
	Scroll damper
	Vane control
	Fireproof damper
	Outlet silencer
Silencing equipment	Intake silencer
	Soundproof lagging
	Silencer box
Silencing equipment	Surge preventer

Accessories	
Anti-vibration equipment	Anti-vibration rubber
	Anti-vibration spring
	Expansion joint
	Anti-vibration canvas
	Anti-vibration pad
	Anti-vibration joint
	Bellows joint
	Anti-vibration stand
	Ceiling-suspension anti-vibration stand

Accessories	
Flanges	JIS
	ANSI
	JPI
Other accessories	ASME
	Intake filter
	Bell mouth
	Inverter
	Inspection window
	Wire mesh
Other accessories	Pressure gauge
	Various types of sensors
Other accessories	Control panel

※For details, please contact our sales office.

Table of special-order product specifications for electric blowers

Standard production products						Special-order production products													
Model		Direction of rotation	Maximum intake air temperature		Reverse rotation	Normal-temperature type				Heat-resistant type				CE marking Blower high-efficiency regulations Motor safety regulations	Showa Denki special-order high-efficiency motors				
						Motor section changes		Showa-manufactured motor	Commercially-available motor	Material changes (Gas contact section) Gas Contact Section SS,SUS	Showa-manufactured motor		Commercially-available motor						
			Outdoor	MD ME		Maximum intake air temperature					Maximum intake air temperature								
						Direct-connected type					Direct-connected type		Coupling direct-connected						
		Standard	MD ME			Outdoor	MD ME		Gas Contact Section SS,SUS	Standard	MD ME	#SS 350°C #SUS 400°C	Not explosion proof: 150°C Pressure-resistant type: 120°C Increased-safety type: 150°C	Not explosion proof: 200°C to 250°C Pressure-resistant: 120°C		UL conformance	China GB2 class (IE3) 380V-50Hz	South Korea KS C 4202 (IE2) 380V 60Hz 220V 60Hz	
Compact series	EC-63S	Right	60°C	×	○	○	×	×	○	250°C	×	○	×	×	△	×	Not applicable	Not applicable	
	EC-63T	Right	60°C	40°C	○	○	0.2kW	0.4kW	○	250°C	120/150°C	○	0.4kW	0.4kW	△	×	Not applicable	Not applicable	
	EC-75S	Right	60°C	×	○	○	×	×	○	250°C	×	○	×	×	△	×	Not applicable	Not applicable	
	EC-75T	Right	60°C	40°C	○	○	0.2kW	0.4kW	○	250°C	120/150°C	○	0.4kW	0.4kW	△	×	Not applicable	Not applicable	
	EC-04S	Right	60°C	×	○	○	×	×	○	250°C	×	○	×	×	△	×	Not applicable	Not applicable	
	EC-H04	Right	60°C	40°C	○	○	0.5kW	0.75kW	○	250°C	120/150°C	○	0.75kW	0.75kW	○	○	Not applicable	Not applicable	
	EC-H07	Right	60°C	40°C	○	○	0.75kW	0.75kW	○	250°C	120/150°C	○	0.75kW	0.75kW	○	○	○	△	
	EC-H10	Right	60°C	40°C	○	○	1.0kW	1.5kW	○	250°C	120/150°C	○	1.5kW	1.5kW	○	○	○	△	
	EC-H15	Right	60°C	40°C	○	○	1.5kW	1.5kW	○	250°C	120/150°C	○	1.5kW	2.2 k W	△	○	○	△	
	EP-63S	Left	60°C	×	○	○	×	×	○	250°C	×	○	×	×	△	×	Not applicable	Not applicable	
	EP-63T	Left	60°C	40°C	○	○	0.2kW	△	○	250°C	120/150°C	○	Use a coupling.	×	△	×	Not applicable	Not applicable	
	EP-75S	Left	60°C	×	○	○	×	×	○	250°C	×	○	×	×	△	×	Not applicable	Not applicable	
	EP-75T	Left	60°C	40°C	○	○	0.2kW	△	○	250°C	120/150°C	○	Use a coupling.	0.4kW	△	×	Not applicable	Not applicable	
	EP-04S	Left	60°C	×	○	○	×	×	○	250°C	×	○	×	×	△	×	Not applicable	Not applicable	
	EP-H04	Left	60°C	40°C	○	○	0.5kW	△	○	250°C	120/150°C	○	Use a coupling.	0.75kW	○	○	Not applicable	Not applicable	
	EP-H07	Left	60°C	40°C	○	○	0.75kW	△	○	250°C	120/150°C	○	Use a coupling.	1.5kW	○	○	○	△	
	EP-H10	Left	60°C	40°C	○	○	1.0kW	△	○	250°C	120/150°C	○	Use a coupling.	1.5kW	○	○	○	△	
	EP-H15	Left	60°C	40°C	○	○	1.5kW	△	○	250°C	120/150°C	○	Use a coupling.	2.2kW	○	○	○	△	
	EM-H07	Right	60°C	40°C	○	○	0.75kW	0.75kW	○	250°C	120/150°C	×	0.75kW	0.75kW	○	○	○	△	
	EM-H22	Right	60°C	40°C	○	○	2.2kW	2.2kW	○	250°C	120/150°C	×	2.2kW	2.2kW	○	○	○	△	
Low-noise series	AH-400	Left	40°C	40°C	■	○	0.2kW	0.4kW	○	200°C	120/150°C	○	0.4kW	0.4kW	△	×	Not applicable	Not applicable	
	AH-H04	Left	40°C	40°C	■	○	0.5kW	0.75kW	○	200°C	120/150°C	○	0.4kW	0.75kW	○	○	Not applicable	Not applicable	
	AH-H07	Left	40°C	40°C	○	○	0.75kW	0.75kW	○	250°C	120/150°C	○	0.75kW	1.5kW	○	○	○	△	
	AH-H10	Left	40°C	40°C	○	○	1.0kW	1.5kW	○	250°C	120/150°C	○	1.5kW	1.5kW	○	○	○	△	
	AH-H15	Left	60°C	40°C	○	○	1.5kW	1.5kW	○	250°C	120/150°C	○	1.5kW	2.2kW	○	○	○	△	
	AH-H22	Left	60°C	40°C	○	○	2.2kW	2.2kW	○	250°C	120/150°C	○	2.2kW	2.2kW	○	○	○	△	
	AH-H37	Left	60°C	40°C	○	○	3.7kW	3.7kW	○	250°C	120/150°C	○	3.7kW	5.5kW	○	○	○	△	
High-pressure series	KSB-H04	Right	60°C	40°C	○	○	0.5kW	0.75kW	○	250°C	120/150°C	○	0.75kW	1.5kW	○	○	Not applicable	Not applicable	
	KSB-H07	Right	60°C	40°C	○	○	0.75kW	0.75kW	○	250°C	120/150°C	○	0.75kW	1.5kW	○	○	○	△	
	KSB-H15	Right	60°C	40°C	○	○	1.5kW	1.5kW	○	250°C	120/150°C	○	1.5kW	2.2kW	○	○	○	△	
	KSB-H22	Right	60°C	40°C	○	○	2.2kW	2.2kW	○	250°C	120/150°C	○	2.2kW	3.7kW	○	○	○	△	
	KSB-H37	Right	60°C	40°C	○	○	3.7kW	3.7kW	○	250°C	120/150°C	○	3.7kW	5.5kW	○	○	○	△	
	KSB-H55	Right	80°C	△	○	○	×	5.5kW	○	×	×	×	5.5kW(Not explosion proof : 250°C)	×	△	×	×	×	
	KSB-H75	Right	80°C	△	○	○	×	7.5kW	○	×	×	×	7.5kW(Not explosion proof : 250°C)	×	△	×	×	×	
	KSB-H07B	Right	60°C	40°C	○	○	0.75kW	0.75kW	○	250°C	120/150°C	○	0.75kW	1.5kW	○	○	○	△	
	KSB-H15B	Right	60°C	40°C	○	○	1.5kW	1.5kW	○	250°C	120/150°C	○	1.5kW	2.2kW	○	○	○	△	
	KSB-H22B	Right	60°C	40°C	○	○	2.2kW	2.2kW	○	250°C	120/150°C	○	2.2kW	3.7kW	○	○	○	△	
KSB-H37B	Right	60°C	40°C	○	○	3.7kW	3.7kW	○	250°C	120/150°C	○	3.7kW	5.5kW	○	○	○	△		
General-purpose series	SF-38	Left	40°C	×	×	○	×	×	×	180°C	×	×	×	×	△	×	Not applicable	Not applicable	
	SF-50	Left	40°C	×	×	○	×	×	×	180°C	×	×	×	×	△	×	Not applicable	Not applicable	
	SF-55S	Left	40°C	×	○	○	×	×	×	180°C	×	×	×	×	△	×	Not applicable	Not applicable	
	SF-75	Right	40°C	×	○	○	×	×	*EC-75S	200°C	×	*EC-75S	×	×	△	×	Not applicable	Not applicable	
	SB-75	Right	40°C	×	○	○	0.25kW	*EC-75T	*EC-75T	200°C	120/150°C	*EC-75T	*EC-75T	*EC-75T	△	×	Not applicable	Not applicable	
	SB-151	Right	40°C	×	○	○	×	×	×	×	×	×	×	×	△	×	Not applicable	Not applicable	
	SB-201	Right	40°C	×	○	○	×	×	×	200°C	×	×	×	×	△	×	Not applicable	Not applicable	
	SB-202	Right	40°C	×	○	○	×	×	×	200°C	×	×	×	×	△	×	Not applicable	Not applicable	
Multi series	FS-150	Right	40°C	40°C	■	○	0.2kW	×	○	200°C	120/150°C	×	×	×	△	×	Not applicable	Not applicable	
	FS-200	Right	40°C	40°C	■	○	0.25kW	0.4kW	○	200°C	120/150°C	×	0.4kW	×	△	×	Not applicable	Not applicable	
	FS-H04	Right	60°C	40°C	■	○	0.5kW	△	△	250°C	120/150°C	×	△	×	△	○	Not applicable	Not applicable	
	FS-H07	Right	60°C	40°C	■	○	0.75kW	△	△	250°C	120/150°C	×	△	×	△	○	○	△	
	FS-H15	Right	60°C	40°C	■	○	1.5kW	△	△	250°C	120/150°C	×	△	×	△	○	○	△	
	FS-H22	Right	60°C	40°C	■	○	2.2kW	△	△	250°C	120/150°C	×	△	×	△	○	○	△	
	FSM-04S	Right	60°C	40°C	■	○	×	×	△	250°C	120/150°C	×	×	×	△	×	Not applicable	Not applicable	
	FSM-H04	Right	60°C	40°C	■	○	0.5kW	△	△	250°C	120/150°C	×	△	×	△	○	Not applicable	Not applicable	
FSM-H07	Right	60°C	40°C	■	○	0.75kW	△	△	250°C	120/150°C	×	△	×	△	○	○	△		
Multi-stage series	U75-H2	Right	60°C	40°C	×	○	0.5kW	※0.75kW	×	150°C	120/150°C	×	×	△150°C	△	○	Not applicable	Not applicable	
	U75-H3	Right	60°C	40°C	×	○	0.5kW	※0.75kW	×	150°C	120/150°C	×	×	△150°C	△	○	Not applicable	Not applicable	
	U75-H4	Right	60°C	40°C	×	○	1.0kW	※1.5kW	×	▲70°C	▲70°C	×	×	▲70°C	△	○	○	△	
	U75-H5	Right	60°C	40°C	×	○	1.0kW	※1.5kW	×	▲70°C	▲70°C	×	×	▲70°C	△	○	○	△	
	U100B-H26	Right	40°C	40°C	×	○	1.5kW	※2.2kW	×	150°C	120/150°C	×	×	△150°C	△	○	○	△	
	U100B-H35	Right	40°C	40°C	×	○	1.5kW	※1.5kW	×	▲70°C	▲70°C	×	×	▲70°C	△	○	○	△	
	U100B-H36	Right	40°C	40°C	×	○	2.2kW	※3.7kW	×	▲70°C	▲70°C	×	×	▲70°C	△	○	○	△	
	U100B-H45	Right	40°C	40°C	×	○	2.2kW	※2.2kW	×	▲70°C	▲70°C	×	×	▲70°C	△	○	○	△	
	U100B-H46	Right	40°C	40°C	×	○	3.7kW	※3.7kW	×	▲70°C	▲70°C	×	×	▲70°C	△	○	○	△	
	U100B-H55	Right	40°C	40°C	×	○	2.2kW	※3.7kW	×	▲70°C	▲70°C	×	×	▲70°C	△	○	○	△	
	U100B-H56	Right	40°C	40°C	×	○	3.7kW	※5.5kW	×	▲70°C	▲70°C	×	×	▲70°C	△	○	○	△	

For specifications with * mark, use the displayed type. Multi-stage series with the * mark are coupling direct-connected types. Rotation direction is the direction as viewed from the motor side.
 ○ indicates specifications which can be manufactured. × indicates specifications which cannot be manufactured. For specifications marked with △, please consult our company's representative.
 For heat-resistant type maximum intake temperatures with #mark, products with a maximum intake temperature of 150° C can be made by special order. For details, please consult our company's representative.
 ■ For heat-resistant type maximum intake temperatures with #mark, products with a maximum intake temperature of 350° C for SS construction and 400° C for SUS construction can be made by special order.

Electric blowers

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

For high-efficiency electric blowers equipped with overseas standards (UL/CE) certified motors, please consult our company's representative.

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 0.4 kW 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	φ97	φ123	3	0.2	9.5	0.75	11	1.05	40	200	10
	AH-H04	φ123	φ148	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	φ82	φ123	3	0.4	12	2.15	11.5	2.35	60	250	24
	KSB-H07	φ123	φ175	3	0.75	25	2.25	24	2.55	60	250	29
	KSB-H15	φ123	φ175	3	1.5	35	2.70	34	3.10	60	250	45
	KSB-H22	φ148	φ175	3	2.2	43	3.55	42	3.75	60	250	53
	KSB-H37	φ175	φ200	3	3.7	65	4.50	65	4.70	60	250	70
	KSB-H55	JIS 5K 200A	JIS 5K 200A	3	5.5	85	5.08	90	5.16	80	250	146
	KSB-H75	JIS 5K 200A	JIS 5K 250A	3	7.5	105	5.53	105	5.68	80	250	156
	KSB-H07B	φ123	φ175	3	0.75	18	2.10	21	3.00	60	250	29
	KSB-H15B	φ123	φ175	3	1.5	28	2.70	33	3.85	60	250	45
	KSB-H22B	φ148	φ175	3	2.2	35	3.15	42	4.50	60	250	52
	KSB-H37B	φ175	φ200	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	φ75	φ123	3	0.4	8.1	2.10	9.4	3.00	60	150	16
	U75-H3	φ75	φ123	3	0.4	8.5	3.00	5.9(10)	4.30	60	150	18
	U75-H4	φ75	φ123	3	1.0	8.5	4.00	8.5(10)	5.70	60	▲ 70	25
	U75-H5	φ75	φ123	3	1.0	8.7	4.90	5.9(10.5)	7.10	60	▲ 70	27
	U100B-H26	φ100	φ148	3	1.5	14	4.00	16	5.60	40	150	39
	U100B-H35	φ100	φ148	3	1.5	14	5.80	-	-	40	▲ 70	42
	U100B-H36	φ100	φ148	3	2.2	14	5.80	17	8.30	40	▲ 70	44
	U100B-H45	φ100	φ148	3	2.2	15	7.60	-	-	40	▲ 70	47
	U100B-H46	φ100	φ148	3	3.7	15	7.60	17	11.0	40	▲ 70	52
	U100B-H55	φ100	φ148	3	2.2	15	9.60	-	-	40	▲ 70	49
	U100B-H56	φ100	φ148	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

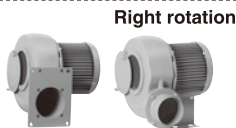
Impeller type	Model	Schematic dimensions		Phase	Output (kW)	50Hz		60Hz		Maximum intake air temperature (°C)		Schematic weight (kg)
		Outlet (mm)	Intake (mm)			Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Standard type	Heat-resistant 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
Plate	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
	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.



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	13
	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
	SB-151	φ41	Slide damper	Single	0.04	1.6	0.47	2.0	0.66	40	—	3
Turbo	SB-201	φ49	※φ63	Single	0.04	2.2	0.47	2.6	0.66	40	200	3
	SB-202	φ49	※φ63	3	0.04	2.2	0.47	2.6	0.66	40	200	3
Sirocco	SF-75	φ75	※φ123	Single	0.25	8.0	0.55	9.5	0.80	40	200	8
	SB-75	φ75	※φ123	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

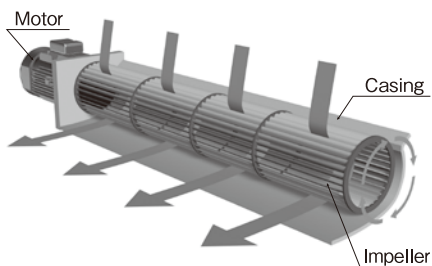
Maximum flow volume (m³/min): 11.5 to 60

Maximum static pressure (kPa): 2.00 to 5.70

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

Introducing the wind blower custom order series

Cross flow fan



Compact

Large air flow

Low noise

Structure

Capable of generating a large, wide and even air flow thanks to its long axial centrifugal impeller.

Multistage blower heat resistant sleeve type series



Compact

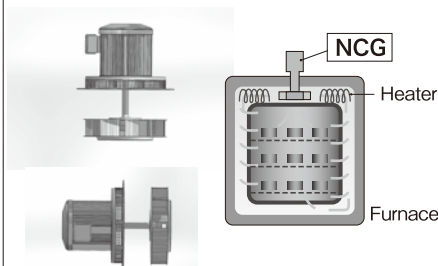
Up to 150°C

High pressure

Features

For high temperature gas circulation, supply and exhaust in various factories.

Stirring fan series



Compact

Powerful

Heat resistant up to 150°C

Ideal for internal furnace air stirring

Offering the adequate size/power to equalize temperatures inside your furnace.

Others

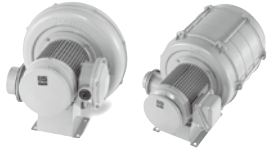
- KSB, U100B belt-driven : Useful in furnaces, conveyance, water treatment, and others
- U75, U100B 6-7 multi-stich : Multi-stitch and more versatile.
- Biaxial fan : Ideal for incorporation into machines.
- U75, U100B left rotation : For more versatility
- Powder conveyance fan : For conveying air containing powder

※Please contact us for more information.

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



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.



Impeller type	Model	Schematic dimensions		Phase	Output (kW)	50Hz		60Hz		Maximum intake air temperature (°C)		Schematic weight (kg) (MD+MDF/ME)
		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+MDF/ME)	
Turbo	MD/ME/MDF-EC-63T	φ63	φ97	3	0.2	4.5	0.60	5.5	0.85	40	120/150	10/8
	MD/ME/MDF-EC-75T	φ75	φ97	3	0.2	6.5	0.80	7.5	1.15	40	120/150	11/9
	MD/ME/MDF-EC-100T	φ97	φ123	3	0.5	13	1.30	16	1.90	40	120/150	16/15
	MD/ME/MDF-EC-07	φ123	φ148	3	0.75	21	1.40	19	2.00	40	120/150	35/34
Sirocco	MD/ME/MDF-EC-125	φ123	φ148	3	1.0	24	1.70	25(28)	2.50	40	120/150	25/23
	MD/ME/MDF-EM-100T7	φ97	φ123	3	0.75	16	1.25	16(19)	1.80	40	120/150	20/18
	MD/ME/MDF-EM-125M2	φ123	φ148	3	2.2	33	1.65	32(37)	2.50	40	120/150	31/28
	MD/ME/MDF-EP-63T	φ63	φ97	3	0.2	5.0	0.60	6.0	0.85	40	120/150	10/8
Plate	MD/ME/MDF-EP-75T	φ75	φ97	3	0.2	7.0	0.80	8.0	1.15	40	120/150	11/9
	MD/ME/MDF-EP-100T	φ97	φ123	3	0.5	13.5	1.20	14(16)	1.70	40	120/150	16/14
	MD/ME/MDF-EP-07	φ123	φ148	3	0.75	22	1.20	20	1.75	40	120/150	35/34
	MD/ME/MDF-EP-125	φ123	φ148	3	1.0	23	1.50	22(27)	2.15	40	120/150	24/22
Airfoil	MD/ME/MDF-AH-400	φ97	φ123	3	0.2	9.5	0.75	11	1.05	40	120/150	35/34
	MD/ME/MDF-AH-500	φ123	φ148	3	0.5	18	1.00	21	1.40	40	120/150	13/11
	MD/ME/MDF-AH-600	*144×144	*170	3	0.75	32	1.25	38	1.80	40	120/150	20/18
	MD/ME/MDF-AH-800	*160×160	*200	3	1.0	40	1.30	47	1.90	40	120/150	30/28
	MD/ME/MDF-AH-1000	*180×180	*250	3	1.5	56	1.45	67	2.00	40	120/150	34/32
	MD/ME/MDF-AH-1200	*210×210	*275	3	2.2	76	1.60	90	2.35	40	120/150	47/44
	MD/ME/MDF-AH-H37	*240×240	*300	3	3.7	100	2.15	120	3.10	40	120/150	80/77
	MD/ME/MDF-KSB-400	φ82	φ123	3	0.5	11	2.05	11.5	2.25	40	120/150	25/23
Turbo	MD/ME/MDF-KSB-750	φ123	φ175	3	0.75	20(24)	2.20	22.5	2.45	40	120/150	31/29
	MD/ME/MDF-KSB-1500	φ123	φ175	3	1.5	33	2.65	33	3.05	40	120/150	40/38
	MD/ME/MDF-KSB-2200	φ148	φ175	3	2.2	40	3.45	40	3.70	40	120/150	44/42
	MD/ME/MDF-KSB-H37	φ175	φ200	3	3.7	65	4.50	65	4.70	40	120/150	73/70
	MD/ME/MDF-KSB-750B	φ123	φ175	3	0.75	17	2.05	20	2.90	40	120/150	30/29
	MD/ME/MDF-KSB-1500B	φ123	φ175	3	1.5	26	2.60	30	3.80	40	120/150	40/38
	MD/ME/MDF-KSB-2200B	φ148	φ175	3	2.2	32	3.10	34(38)	4.40	40	120/150	44/42
	MD/ME/MDF-KSB-H37B	φ175	φ200	3	3.7	50	4.20	60	6.00	40	120/150	72/69
Sirocco	MD/ME/MDF-SB-75	φ75	Slide damper ^{※1} (148)	3	0.75	21	0.90	20(25)	1.30	40	120/150	23/21
Sirocco	MD/ME/MDF-FS-150	*70×80	Slide damper ^{※1} (97)	3	0.2	7.0	0.39	8.0	0.55	40	120/150	9/7
	MD/ME/MDF-FS-200	*76×76	Slide damper ^{※1} (123)	3	0.25	9.5	0.55	8.0(11)	0.75	40	120/150	13/11
	MD/ME/MDF-FS-1500	*144×166	Slide damper ^{※1} (148)	3	1.5	32	1.10	35(39)	1.60	40	120/150	30/28
	MD/ME/MDF-FS-2200	*150×170	Slide damper ^{※1} (173)	3	2.2	45	1.40	43(53)	2.05	40	120/150	32/30
Turbo	MD/ME/MDF-U75-2	φ75	φ123	3	0.5	8.0	2.05	9.2	2.95	40	120/150	17/15
	MD/ME/MDF-U75-3	φ75	φ123	3	0.5	8.3	2.95	4.8(9.5)	4.20	40	120/150	19/17
	MD/ME/MDF-U75-4	φ75	φ123	3	1.0	8.5	3.90	9.0(10)	5.50	40	70	24/22
	MD/ME/MDF-U75-5	φ75	φ123	3	1.0	8.8	4.80	5.8(10)	6.80	40	70	26/24
	MD/ME/MDF-U100B-26	φ100	φ148	3	1.5	14	3.90	16	5.60	40	120/150	36/34
	MD/ME-U100B-35	φ100	φ148	3	1.5	13	5.70	-	-	40	70	42/40
	MD/ME/MDF-U100B-36	φ100	φ148	3	2.2	14	5.80	17	8.30	40	70	42/40
	MD/ME-U100B-45	φ100	φ148	3	2.2	14	7.60	-	-	40	70	48/45
	MD/ME/MDF-U100B-H46	φ100	φ148	3	3.7	15	7.60	17	11.0	40	70	55/52
	MD/ME/MDF-U100B-55	φ100	φ148	3	2.2	14	9.50	-	-	40	70	53/50
	MD/ME/MDF-U100B-H56	φ100	φ148	3	3.7	15	9.60	18	13.80	40	70	58/55

Approximate weight for MDF is excluding inverter.

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

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

※2 : In the case of MDF-KSB type, the performance at 50Hz is different from the displayed performance.

Values in parentheses indicate maximum flow volume above rated value.

Large-size series Denchoku

Large-flow-volume, high-pressure type with motor
output from 0.75 to 45kW

Compared to V-belt drive types, footprint is
reduced by approximately 50% and fewer
consumables and
accessories are used.
In addition, belt
tension adjustment is
unnecessary.



Equipped with Top Runner motor (IE3)

Impeller type	Model	Schematic dimensions		Phase	Output (kW)	Maximum intake air temperature (°C)		Schematic weight (kg)
		Outlet (mm)	Intake (mm)			Standard type	Heat-resistant type	
Airfoil	K1S4	460×360	φ475	3	0.75~5.5	80	200	105~155
	K1S5	540×420	φ540	3	1.5~3.7	80	200	142~170
	K1S6	610×480	φ625	3	3.7~7.5	80	200	202~235
	K1S7	690×540	φ700	3	5.5~11	80	200	278~330
	K1S8	770×600	φ810	3	11~18.5	80	200	420~520
	K1S9	850×660	φ890	3	15~18.5	80	200	500~585
Turbo	T1S2	270×190	φ265	3	1.5~2.2	80	200	72~75
	T1S3	340×205	φ335	3	3.7~7.5	80	200	108~135
	T1S4	400×245	φ400	3	7.5~18.5	80	200	150~218
	T1S5	470×285	φ475	3	15~30	80	200	232~360
	T2S2	270×190	φ265	3	0.75~1.5	80	200	60~72
	T2S3	340×205	φ335	3	1.5~3.7	80	200	92~108
	T2S4	400×245	φ400	3	3.7~11	80	200	125~195
	T2S5	470×285	φ475	3	7.5~22	80	200	180~318
Turbo	T2S6	540×325	φ540	3	15~22	80	200	265~352
	B1S1	88×70	JIS 5K 150A	3	2.2~3.7	50	※1	120~125
	B1S2	110×80	JIS 5K 200A	3	3.7~5.5	50	※1	135~155
	B1S3	131×100	JIS 5K 200A	3	5.5~7.5	50	※1	170~175
	B1S4	156×125	JIS 5K 200A	3	7.5~11	50	※1	210~250
	B1S5	200×160	JIS 5K 250A	3	11~18.5	50	※1	310~335
	B1S6	250×200	JIS 5K 300A	3	18.5~30	50	※1	375~500
Sirocco	B1S7	300×250	JIS 5K 300A	3	30~45	50	※1	530~640
	M2S1	230×180	φ240	3	0.75~1.5	80	200	48~60
	M2S2	300×240	φ325	3	0.75~5.5	80	200	70~120
	M2S3	380×300	φ400	3	1.5~15	80	200	105~205
	M2S4	460×360	φ475	3	3.7~11	80	200	160~238
	M2S5	540×420	φ540	3	7.5~18.5	80	200	250~350

※1 : Please consult our company's representative.

Vortex-type high-pressure series Gust blower (U2V type)

Low-drive-noise type with built-in high-performance silencer

Use of new impeller and large-size cooling fan enable operation in all regions down to closed.
(Excluding some models that use outlets.)



Impeller type	Model	Phase	Output (kW)	Intake characteristics				Outlet characteristics				Maximum intake air temperature (°C)	Schematic weight (kg)
				50Hz		60Hz		50Hz		60Hz			
				Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Maximum flow volume (m³/min)	Maximum static pressure (kPa)		
Vortex	U2V-07S	Single	0.07	0.45	4.00	0.52	5.40	0.45	4.20	0.52	5.60	40	6
	U2V-07T	3	0.07	0.45	4.00	0.52	5.40	0.45	4.20	0.52	5.60	40	6
	U2V-10S	Single	0.1	0.6	5.40	0.7	6.90	0.6	5.90	0.7	7.35	40	6.5
	U2V-10T	3	0.1	0.6	5.40	0.7	6.90	0.6	5.90	0.7	7.35	40	6.5
	U2V-20S	Single	0.2	0.7	7.60	0.8	9.30	0.7	8.15	0.8	9.80	40	8.5
	U2V-20T	3	0.2	0.7	7.60	0.8	9.30	0.7	8.15	0.8	9.80	40	8.5
	U2V-30S	Single	0.3	1.0	8.80	1.15	10.3	1.0	9.30	1.15	10.9	40	9
	U2V-30T	3	0.3	1.0	8.80	1.15	10.3	1.0	9.30	1.15	11.9	40	9
	U2V-40S	Single	0.4	1.1	11.8	1.3	14.2	1.1	14.2	1.3	15.7	40	17
	U2V-40T	3	0.4	1.1	12.7	1.3	16.1	1.1	15.7	1.3	17.2	40	15
	U2V-70S	Single	0.75	1.8	12.7	2.2	16.7	1.8	16.0	2.2	17.7	40	23
	U2V-70T	3	0.75	2.0	14.7	2.4	17.6	2.0	16.7	2.4	20.5	40	17
	U2V-150	3	1.5	3.3	16.2	4.0	21.1	3.3	19.6	4.0	22.6	40	26
	U2V-220	3	2.2	4.2	19.6	5.0	23.5	4.2	21.6	5.0	24.5	40	35

Vortex-type high-pressure series Gust blower (U2S type)

Compact, lightweight, general-purpose type with excellent heat radiation and durability

Compact, lightweight type that achieves improved heat radiation and durability by using diecast aluminum for the casing and impeller. Dust-proof, jet-flow-proof motor construction conforms to IP55.



Impeller type	Model	Phase	Output (kW)	Intake characteristics				Outlet characteristics				Maximum intake air temperature (°C)	Schematic weight (kg)
				50Hz		60Hz		50Hz		60Hz			
				Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Maximum flow volume (m³/min)	Maximum static pressure (kPa)		
Vortex	U2S-40T	3	0.4/0.5	1.3	13.0	1.6	15.5	1.3	15.0	1.6	16.5	40	10
	U2S-70T	3	0.6/0.85	2.4	14.5	2.9	14.0	2.4	12.5	2.9	13.0	40	15
	U2S-150	3	1.1/1.7	3.5	16.0	4.1	20.0	3.5	18.5	4.1	22.0	40	21
	U2S-220	3	2.2/3.5	5.0	16.0	6.0	24.0	5.0	20.0	6.0	23.0	40	35
	U2S-370	3	4.0/4.6	5.2	29.0	6.2	33.0	5.2	38.0	6.2	33.0	40	42
	U2S-750	3	7.5/8.6	7.8	22.0	9.2	24.0	7.8	27.0	9.2	27.0	40	75

Series for stirring and circulation (Double volute)

For stirring and circulation. Heat-resistant type electric blower

With blower outlets at two locations, it can perform uniform stirring and circulation inside furnaces.
Ideal for improving variations in temperature within furnaces or reducing the time necessary for heating and cooling.



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)		
Turbo	WE-04	120×99×2	125	3	0.4	19	1.10	22.5	1.55	300	29
	WE-07	130×99×2	150	3	0.75	25	1.25	29.5	1.75	300	31
	WE-15	155×104×2	170	3	1.5	38.5	1.65	45	2.35	300	46
	WE-22	170×104×2	170	3	2.2	45	2.00	52.5	2.85	300	52
	WE-37	200×114×2	200	3	3.7	71	2.55	83.5	3.65	300	72

Motors

Top Runner class motors (HE type)

0.75kW to 7.5kW Top Runner class motors (IE3) conforming to various custom orders.



2-pole motors

Model	Output (kW)	Frequency (Hz)	Voltage (V)	Rated current (A)	Rotation speed (min ⁻¹)	Efficiency (%)		Mass (kg)
						Indoor	Outdoor	
HE2-07XT	0.75	50	200	3.4	2900	85.0		14
		60	200	3.3	3450	84.2		
		60	220	3.1	3500	85.3		
HE2-10XT	1.0	50	200	4.1	2900	85.5		16
		60	200	4.0	3450	85.2		
		60	220	3.7	3500	86.3		
HE2-15XT	1.5	50	200	6.1	2900	87.8		26
		60	200	6.1	3450	87.7		
		60	220	5.6	3500	87.8		
HE2-22XT	2.2	50	200	8.5	2900	87.8		29
		60	200	8.1	3450	87.9		
		60	220	7.5	3500	88.0		
HE2-37XT	3.7	50	200	15.1	2900	88.8		33
		60	200	13.7	3450	89.3		
		60	220	12.9	3500	90.0		
HE2-55XT	5.5	50	200	20.4	2940	89.2		51
		60	200	20.1	3530	89.5		
		60	220	18.4	3540	89.5		
HE2-75XT	7.5	50	200	27.2	2940	90.1		57
		60	200	26.5	3530	90.2		
		60	220	24.3	3540	90.2		

4-pole motors

Model	Output (kW)	Frequency (Hz)	Voltage (V)	Rated current (A)	Rotation speed (min⁻¹)	Efficiency (%)		Mass (kg)
						Indoor	Outdoor	
HE4-07XT	0.75	50	200	4.1	1470	84.9	83.8	15
		60	200	3.5	1760	87.3	85.8	
		60	220	3.5	1770	87.4	85.9	
HE4-15XT	1.5	50	200	7.3	1470	88.2	87.6	26
		60	200	6.3	1760	89.3	88.3	
		60	220	6.1	1770	89.7	88.7	
HE4-22XT	2.2	50	200	12.0	1470	88.7	88.4	32
		60	200	9.2	1760	90.6	90.2	
		60	220	9.5	1770	90.3	89.9	
HE4-37XT	3.7	50	200	17.8	1470	89.7	89.2	40
		60	200	14.8	1760	91.0	90.5	
		60	220	14.5	1770	91.1	90.6	
HE4-55XT	5.5	50	200	23.5	1470	89.6	89.6	57
		60	200	21.2	1770	91.7	91.7	
		60	220	20.5	1770	91.7	91.7	
HE4-75XT	7.5	50	200	29.7	1470	90.4	90.4	69
		60	200	28.0	1770	91.7	91.7	
		60	220	26.4	1770	91.7	91.7	

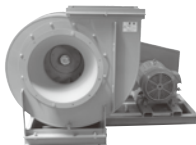
Fans/Blowers

Fans and blowers are used mainly for large-sized industrial machinery and plant equipment. We offer an abundant range of products with specifications that take into consideration corrosion resistance and heat resistance.

Turbo fan Delturbo

Available in a broad range of flow volumes and static pressures to handle all kinds of applications.

Both large-flow-volume/low-pressure T1V type and medium-flow-volume/medium-pressure T2V type are high-efficiency blowers.

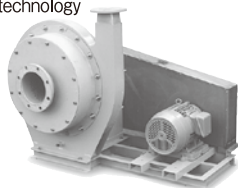


Model	Outlet (height x width) (mm)	Intake (mm)	Flow volume (m ³ /min)	Output (kW)	Maximum intake air temperature (°C)		
					Standard type	Heat-resistant type	Heat-resistant type (air-cooled type)
T1V08	270×190	265	20-60	0.75-3.7	50	150	350
T1V10	340×205	335	30-95	0.75-5.5	50	150	350
T1V12	400×245	400	50-150	1.5-11	50	150	350
T1V14	470×285	475	60-190	2.2-11	50	150	350
T1V16	540×325	540	90-280	3.7-18.5	50	150	350
T1V18	600×365	600	120-350	5.5-30	50	150	350
T1V20	670×410	660	150-450	5.5-37	50	150	350
T1V22	730×450	750	250-550	11-37	50	150	350
T1V24	800×490	810	300-650	15-45	50	150	350
T1V28	930×570	940	400-900	18.5-75	50	150	350
T1V32	1070×655	1080	500-1100	22-75	50	150	350
T1V36	1200×735	1200	600-1400	22-90	50	150	350
T1V40	1330×815	1320	800-1800	30-110	50	150	350
T2V08	270×190	265	15-45	0.75-3.7	50	150	350
T2V10	340×205	335	30-75	0.75-5.5	50	150	350
T2V12	400×245	400	50-125	1.5-11	50	150	350
T2V14	470×285	475	70-170	2.2-15	50	150	350
T2V16	540×325	540	90-250	3.7-30	50	150	350
T2V18	600×365	600	130-330	5.5-37	50	150	350
T2V20	670×410	660	170-400	5.5-45	50	150	350
T2V22	730×450	750	220-500	11-55	50	150	350
T2V24	800×490	810	220-670	15-75	50	150	350
T2V28	930×570	940	400-900	18.5-110	50	150	350
T2V32	1070×655	1080	450-1050	22-110	50	150	350
T2V36	1200×735	1200	500-1250	22-110	50	150	350
T2V40	1330×815	1320	600-1550	30-132	50	150	350

Turbo blower Delturbo

High efficiency with high static pressure

Low-energy, reduced-drive-noise blower equipped with Non-Surjer technology (Showa Denki original flow technology).

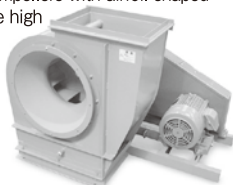


Model	Outlet (height x width) (mm)	Intake (mm)	Flow volume (m ³ /min)	Output (kW)	Maximum intake air temperature (°C)		
					Standard type	Heat-resistant type	Heat-resistant type (air-cooled type)
B2V03	JIS 5K 80A	JIS 5K 200A	7-20	2.2-3.7	50	150	350
B2V04	JIS 5K 100A	JIS 5K 200A	10-30	2.2-5.5	50	150	350
B2V05	JIS 5K 125A	JIS 5K 200A	15-45	3.7-7.5	50	150	350
B2V06	JIS 5K 150A	JIS 5K 200A	20-60	3.7-11	50	150	350
B2V10	JIS 5K 250A	JIS 5K 300A	40-110	11-30	50	150	350
B3V05	JIS 5K 125A	JIS 5K 200A	15-35	3.7-11	50	150	350
B3V06	JIS 5K 150A	JIS 5K 200A	15-45	5.5-11	50	150	350
B3V08	JIS 5K 200A	JIS 5K 250A	20-75	7.5-18.5	50	150	350
B3V10	JIS 5K 250A	JIS 5K 300A	40-140	15-30	50	150	350

Airfoil fan

High efficiency with low drive noise and large flow volume

Blower that use impellers with airfoil-shaped blades to achieve high efficiency, low drive noise, and large flow volume.



Model	Outlet (height x width) (mm)	Intake (mm)	Flow volume (m ³ /min)	Output (kW)	Maximum intake air temperature (°C)		
					Standard type	Heat-resistant type	Heat-resistant type (air-cooled type)
KT-30	480×355	480	49-180	0.75-7.5	50	150	350
KT-35	560×400	550	45-265	1.5-11	50	150	350
KT-40	640×460	630	85-357	1.5-15	50	150	350
KT-45	720×520	710	78-444	1.5-18.5	50	150	350
KT-50	800×590	795	123-537	2.2-22	50	150	350
KT-55	880×670	890	152-678	7.5-30	50	150	350
KT-60	960×760	990	144-775	11-37	50	150	350
KT-70	1120×860	1140	222-1125	15-55	50	150	350
KT-80	1280×970	1290	340-1445	22-55	50	150	350
KT-90	1440×1080	1450	350-1700	22-75	50	150	350
KT-00	1600×1210	1600	670-2290	30-110	50	150	350

Sirocco fan

Ideal for obtaining large flow volume

Large-flow-volume, low-pressure blower is ideal for when large volumes of air flow are necessary.

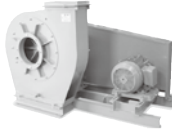


Model	Outlet (height x width) (mm)	Intake (mm)	Flow volume (m ³ /min)	Output (kW)	Maximum intake air temperature (°C)		
					Standard type	Heat-resistant type	Heat-resistant type (air-cooled type)
M1V06	240×190	256	22-56	0.4-2.2	50	150	350
M1V08	320×250	340	36-98	0.4-5.5	50	150	350
M1V10	400×320	430	87-205	1.5-11	50	150	350
M1V12	480×385	514	113-299	1.5-15	50	150	350
M1V14	530×420	570	134-378	1.5-18.5	50	150	350
M1V16	610×480	646	174-503	2.2-22	50	150	350
M1V18	680×550	722	217-613	2.2-22	50	150	350
M1V20	760×610	808	219-711	2.2-22	50	150	350
M1V22	840×670	892	305-900	3.7-30	50	150	350
M1V24	910×730	970	385-1100	7.5-30	50	150	350
M1V28	1060×850	1140	555-1450	7.5-37	50	150	350
M1V32	1250×1000	1320	620-1780	11-55	50	150	350
M1V36	1400×1120	1500	1050-2460	15-75	50	150	350
M1V40	1600×1250	1700	1300-3150	22-110	50	150	350

Plate fan

Ideal for air that contains dust or powder

Blower that is ideal for moving air that contains dust or particles or for treating high-temperature dust-containing gas. Large-flow-volume/low-pressure P1 type and medium-pressure GP type are available.



Model	Outlet (height x width) (mm)	Intake (mm)	Flow volume (m ³ /min)	Output (kW)	Maximum intake air temperature (°C)		
					Standard type	Heat-resistant type	Heat-resistant type (air-cooled type)
P1V08	200×200	240	15-65	0.75-3.7	50	150	350
P1V10	250×250	300	20-100	0.75-5.5	50	150	350
P1V12	300×300	360	30-140	1.5-11	50	150	350
P1V14	350×350	420	50-200	2.2-11	50	150	350
P1V16	400×400	475	70-300	3.7-22	50	150	350
P1V18	600×365	600	100-370	5.5-30	50	150	350
P1V20	670×410	660	140-480	7.5-37	50	150	350
P1V22	730×450	750	150-540	11-37	50	150	350
P1V24	800×490	810	170-700	11-45	50	150	350
P1V28	930×570	940	170-980	18.5-75	50	150	350
GP-20	224×140	212	24-57	2.2-7.5	50	150	350
GP-25	250×160	236	36-77	3.7-11	50	150	350
GP-30	280×180	265	44-101	5.5-15	50	150	350
GP-35	315×200	300	68-124	5.5-18.5	50	150	350
GP-40	355×224	335	76-168	11-30	50	150	350
GP-45	400×250	375	100-209	15-37	50	150	350
GP-50	450×280	425	132-265	18.5-45	50	150	350

Axial flow fan with variable-pitch blades Kairyu

Blade attachment angle can be changed to achieve diverse capabilities.

Each blade is made individually with the ideal shape for an axial fan to achieve high efficiency and low drive noise. Low-drive-noise A1D type and high-pressure A2D type are available.



Model	Diameter (mm)	Output (kW)	Recommended flow volume (m ³ /min)	Static pressure (kPa)	Maximum intake air temperature (°C)	Schematic weight (kg)
A1D3	300	0.4	11~42	~0.14	40	35
A1D4	400	0.4~0.75	16~102	~0.24	40	50~60
A1D5	500	0.4~1.5	29~192	~0.27	40	65~75
A1D6	630	0.75~5.5	39~410	~0.44	40	95~145
A1D7	710	1.5~11	42~546	~0.61	40	160~260
A1D8	800	1.5~5.5	46~604	~0.36	40	195~245
A1D9	900	3.7~11	205~818	~0.49	40	290~410
A1D10	1000	5.5~15	266~1017	~0.52	40	360~510
A2D3	300	0.4~1.5	21~83	~0.54	40	35~45
A2D4	400	0.75~3.7	31~176	~0.87	40	55~70
A2D5	500	1.5~7.5	59~319	~1.06	40	70~120
A2D6	630	3.7~18.5	78~610	~1.58	40	110~205
A2D7	710	5.5~18.5	85~557	~1.47	40	195~280
A2D8	800	2.2~18.5	68~850	~0.81	40	195~420
A2D9	900	3.7~30	80~1194	~1.09	40	320~505
A2D10	1000	5.5~30	120~1231	~1.03	40	355~540

Mixed flow fan

Advantage of this fan is having higher pressure than usual axial fan. It is enabled by using axial type casing and turbo type impeller.

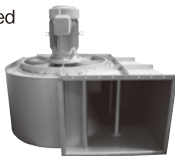


Model	Diameter (mm)	Output (kW)	Recommended flow volume (m ³ /min)	Static pressure (kPa)	Maximum intake air temperature (°C)	Schematic weight (kg)
MFTV-4	φ400	0.4~1.5	10~70	0.2~1.0	40	50
MFTV-5	φ500	0.75~3.7	20~120	0.2~1.4	40	78
MFTV-6	φ600	2.2~5.5	30~210	0.2~2.3	40	114
MFTV-7	φ700	5.5~11	50~320	0.2~2.8	40	155
MFTV-8	φ800	7.5~15	50~400	0.5~2.5	40	208

A fan for a coating booth

Airfoil fan

This fan can be installed directly on the top of painting booth so that there is no need to install duct and it can save space.



Model	Outlet (height x width) (mm)	Intake (mm)	50Hz			60Hz		
			Flow volume (m ³ /min)	Static pressure (kPa)	Output (kW)	Flow volume (m ³ /min)	Static pressure (kPa)	Output (kW)
DDUPKT-30	480×355	φ480	70	0.5	1.5	110	0.5	2.2
DDUPKT-35	560×400	φ550	150	0.5	3.7	200	0.5	5.5
DDUPKT-40	640×460	φ630	200	0.75	5.5	270	0.75	7.5
DDUPKT-45	720×520	φ710	260	1.0	7.5	480	1.0	15
DDUPKT-50	800×590	φ795	430	1.0	15	520	1.5	22

Blower for Aeration or Industrial furnaces

High static pressure blower

Multi stage high pressure blower for industrial furnace and aeration. Motor-shaft direct, V-belt and coupling direct drive is available. Its motor output range is from 15kW to 160kW and maximum static pressure is up to 38kPa.



Model	Driving type	Frequency (Hz)	MAX	MAX	JIS 5K Flange	
			Pressure (kPa)	Output (kW)	A Outlet	B Intake
HSD06-12	Direct-connected type	50	12	15	JIS5K150A	JIS5K200A
HSD08-12			12	18.5	JIS5K200A	JIS5K250A
HSD10-13			13	30	JIS5K250A	JIS5K300A
HSD12-14			14	37	JIS5K300A	JIS5K300A
HSD12-15			15	45	JIS5K300A	JIS5K300A
HSD12-16	Direct-connected type	60	16	45	JIS5K300A	JIS5K300A
HSD06-12			12	15	JIS5K150A	JIS5K200A
HSD08-12			12	18.5	JIS5K200A	JIS5K250A
HSD10-13			13	30	JIS5K250A	JIS5K300A
HSD12-14			14	37	JIS5K300A	JIS5K300A
HSD12-15	V-belt drive	50/60	15	45	JIS5K300A	JIS5K300A
HSD12-16			16	45	JIS5K300A	JIS5K300A
HMV06-18			18	18.5	JIS5K150A	JIS5K200A
HMV08-23			23	30	JIS5K200A	JIS5K200A
HMV10-26			26	45	JIS5K250A	JIS5K250A
HMV10-30	Directly connected to coupling	50	30	75	JIS5K250A	JIS5K250A
HWC12-33			33	110	JIS5K300A	JIS5K300A
HWC14-38	Directly connected to coupling	60	38	160	JIS5K350A	JIS5K350A
HWC12-33			33	110	JIS5K300A	JIS5K300A
HWC14-38			38	160	JIS5K350A	JIS5K350A

Abnormality detector

Remote unit Troubleresa II

Continually monitors 4 conditions (vibration value trends, bearing temperature trends, V-belt breakage monitoring, grease supply timing) to prevent malfunctions of blowers, etc.



Model	TCM-NF2 (Slave unit)
Voltage	AC100~240V 50/60Hz
Measurement points	8 channels (0 to 5V/4 to 20mA (switchable): 6 points; Temperature: 2 points)
Resolution	Ch1 to 6 V input: 0.001V A input: 0.004mA TH1 to 2:0.1°C
External output contact	a contact at 2 points (AC250V/DC30V5A)
Ambient temperature	-10~+50°C
Outside dimensions	D280×W190×H100mm (Excluding projections)
Weight	Approx. 1.5kg

Master unit "MiruTEN"

A monitoring base unit which can be installed in any easy-to-inspect location in the plant Up to 10 slave units can be connected.



Model	FCM-BM2T (MiruTEN)
Voltage	AC 100 to 240V (Allowable voltage range: 85 to 260V)
Temperature	0~50°C
Touch panel	3.5-inch or larger
Panel resolution	320 x 240 dots or more
Panel display color	Color
Material	Resin
Installation method	The same method as slave unit
Power cord	Not included
Weight	2.0kg or less

Master Unit Monitoring Software

Up to 100 slave units can be connected. Separate Windows PC necessary.

Model	FCM-BM2P (Monitoring Software)
Features	- Up to 100 slave units can be connected. Windows PC necessary (Windows 7, 8, or 10 supported). - Adjust data-saving cycles with 5 settings (1, 5, 10, 30, and 60 minutes) - Monitor 9 default conditions. 5 more can be freely added.

Mist collectors

Collecting mist generated by machine tools. CRM models that can be combined freely to suit your working environment. There are over 60 combinations.

Mistrésa

Multi select series (Horizontally installed models) CRM-H-S type

Utilize a duct hose connection to install the mist collector on top of or beside the machine tool.



Model	Intake flange outside diameter (mm)	Phase	Output (kW)	50Hz		60Hz		Collecting efficiency (%)	Schematic weight (kg)
				Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Maximum flow volume (m³/min)	Maximum static pressure (kPa)		
CRM-H02-S11	φ98	3	0.2	4.1	0.55	4.8	0.75	98.4	26
CRM-H02-S12	φ98	3	0.2	5.4	0.55	6.2	0.75	99.2	
CRM-H02-S13	φ98	3	0.2	4.6	0.55	5.4	0.75	99.6	
CRM-H02-S21	φ98	3	0.2	3.8	0.55	4.5	0.75	98.9	
CRM-H02-S22	φ98	3	0.2	5.1	0.55	5.8	0.75	99.5	
CRM-H02-S23	φ98	3	0.2	4.3	0.55	5.1	0.75	99.8	
CRM-H04-S11	φ98	3	0.4	4.4	0.75	5.2	1.10	98.4	32
CRM-H04-S12	φ98	3	0.4	6.0	0.75	7.0	1.10	99.2	
CRM-H04-S13	φ98	3	0.4	4.9	0.75	5.9	1.10	99.6	
CRM-H04-S21	φ98	3	0.4	4.1	0.75	4.9	1.10	98.9	
CRM-H04-S22	φ98	3	0.4	5.5	0.75	6.8	1.10	99.5	
CRM-H04-S23	φ98	3	0.4	4.6	0.75	5.6	1.10	99.8	
CRM-H07-S11	φ123	3	0.75	8.4	1.10	9.8	1.60	98.4	42
CRM-H07-S12	φ123	3	0.75	9.8	1.10	11.5	1.60	99.2	
CRM-H07-S13	φ123	3	0.75	8.0	1.10	9.6	1.60	99.6	
CRM-H07-S21	φ123	3	0.75	7.8	1.10	9.4	1.60	98.9	
CRM-H07-S22	φ123	3	0.75	9.2	1.10	10.5	1.60	99.5	
CRM-H07-S23	φ123	3	0.75	7.6	1.10	9.2	1.60	99.8	
CRM-H15-S11	φ148	3	1.5	15	1.60	18	2.25	98.4	67
CRM-H15-S12	φ148	3	1.5	18	1.60	21.5	2.25	99.2	
CRM-H15-S13	φ148	3	1.5	15	1.60	18	2.25	99.6	
CRM-H15-S21	φ148	3	1.5	14.5	1.60	17.5	2.25	98.9	
CRM-H15-S22	φ148	3	1.5	17	1.60	20	2.25	99.5	
CRM-H15-S23	φ148	3	1.5	14.5	1.60	17.5	2.25	99.8	
CRM-H22-S11	φ198	3	2.2	18	1.70	21.5	2.40	98.4	77
CRM-H22-S12	φ198	3	2.2	24.5	1.70	28.5	2.40	99.2	
CRM-H22-S13	φ198	3	2.2	18.5	1.70	22.5	2.40	99.6	
CRM-H22-S21	φ198	3	2.2	17.5	1.70	20.5	2.40	98.9	
CRM-H22-S22	φ198	3	2.2	22.5	1.70	27	2.40	99.5	
CRM-H22-S23	φ198	3	2.2	18	1.70	21	2.40	99.8	

Mistrésa

Multi select series (Vertically installed models) CRM-H-V type

No duct hose or drain hose
is necessary.



Model	Intake flange outside diameter (mm)	Phase	Output (kW)	50Hz		60Hz		Collecting efficiency (%)	Schematic weight (kg)
				Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Maximum flow volume (m³/min)	Maximum static pressure (kPa)		
CRM-H02-V11	φ100	3	0.2	3.7	0.55	4.4	0.75	98.4	27
CRM-H02-V12	φ100	3	0.2	4.5	0.55	5.3	0.75	99.2	
CRM-H02-V13	φ100	3	0.2	3.9	0.55	4.6	0.75	99.7	
CRM-H02-V21	φ100	3	0.2	3.4	0.55	4.0	0.75	98.8	
CRM-H02-V22	φ100	3	0.2	4.1	0.55	4.8	0.75	99.4	
CRM-H02-V23	φ100	3	0.2	3.5	0.55	4.2	0.75	99.7	
CRM-H04-V11	φ100	3	0.4	4.0	0.70	4.7	1.00	98.4	34
CRM-H04-V12	φ100	3	0.4	5.0	0.70	5.9	1.00	99.2	
CRM-H04-V13	φ100	3	0.4	4.4	0.70	5.2	1.00	99.7	
CRM-H04-V21	φ100	3	0.4	3.8	0.70	4.4	1.00	98.8	
CRM-H04-V22	φ100	3	0.4	4.6	0.70	5.5	1.00	99.4	
CRM-H04-V23	φ100	3	0.4	4.1	0.70	4.9	1.00	99.7	
CRM-H07-V11	φ125	3	0.75	7.4	1.00	8.6	1.45	98.4	43
CRM-H07-V12	φ125	3	0.75	9.0	1.00	10.5	1.45	99.2	
CRM-H07-V13	φ125	3	0.75	7.6	1.00	9.0	1.45	99.7	
CRM-H07-V21	φ125	3	0.75	6.8	1.00	8.2	1.45	98.8	
CRM-H07-V22	φ125	3	0.75	8.4	1.00	10.0	1.45	99.4	
CRM-H07-V23	φ125	3	0.75	7.0	1.00	8.4	1.45	99.7	
CRM-H15-V11	φ150	3	1.5	14	1.50	17	2.15	98.4	69
CRM-H15-V12	φ150	3	1.5	16	1.50	19	2.15	99.2	
CRM-H15-V13	φ150	3	1.5	14	1.50	17	2.15	99.7	
CRM-H15-V21	φ150	3	1.5	13.5	1.50	15.5	2.15	98.8	
CRM-H15-V22	φ150	3	1.5	15	1.50	18	2.15	99.4	
CRM-H15-V23	φ150	3	1.5	13.5	1.50	15.5	2.15	99.7	
CRM-H22-V11	φ200	3	2.2	19.5	1.60	22.5	2.30	98.4	78
CRM-H22-V12	φ200	3	2.2	22	1.60	26	2.30	99.2	
CRM-H22-V13	φ200	3	2.2	19	1.60	22.5	2.30	99.7	
CRM-H22-V21	φ200	3	2.2	18	1.60	21	2.30	98.8	
CRM-H22-V22	φ200	3	2.2	21	1.60	24.5	2.30	99.4	
CRM-H22-V23	φ200	3	2.2	17.5	1.60	21	2.30	99.7	

Mistrésa

High-temperature mist compatible series CRMH type

The same structure as
CRM horizontally
models.



Model	Intake flange outside diameter (mm)	Phase	Output (kW)	50Hz		60Hz		Collecting efficiency (%)	Schematic weight (kg)
				Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Maximum flow volume (m³/min)	Maximum static pressure (kPa)		
CRMH-H04-S11	φ98	3	0.4	4.4	0.75	5.2	1.10	98.4	32
CRMH-H04-S12	φ98	3	0.4	6.0	0.75	7.0	1.10	99.2	
CRMH-H04-S13	φ98	3	0.4	4.9	0.75	5.9	1.10	99.6	
CRMH-H04-S21	φ98	3	0.4	4.1	0.75	4.9	1.10	98.9	
CRMH-H04-S22	φ98	3	0.4	5.5	0.75	6.8	1.10	99.5	
CRMH-H04-S23	φ98	3	0.4	4.6	0.75	5.6	1.10	99.8	
CRMH-H07-S11	φ123	3	0.75	8.4	1.10	9.8	1.60	98.4	42
CRMH-H07-S12	φ123	3	0.75	9.8	1.10	11.5	1.60	99.2	
CRMH-H07-S13	φ123	3	0.75	8.0	1.10	9.6	1.60	99.6	
CRMH-H07-S21	φ123	3	0.75	7.8	1.10	9.4	1.60	98.9	
CRMH-H07-S22	φ123	3	0.75	9.2	1.10	10.5	1.60	99.5	
CRMH-H07-S23	φ123	3	0.75	7.6	1.10	9.2	1.60	99.8	
CRMH-H15-S11	φ148	3	1.5	15	1.60	18	2.25	98.4	67
CRMH-H15-S12	φ148	3	1.5	18	1.60	21.5	2.25	99.2	
CRMH-H15-S13	φ148	3	1.5	15	1.60	18	2.25	99.6	
CRMH-H15-S21	φ148	3	1.5	14.5	1.60	17.5	2.25	98.9	
CRMH-H15-S22	φ148	3	1.5	17	1.60	20	2.25	99.5	
CRMH-H15-S23	φ148	3	1.5	14.5	1.60	17.5	2.25	99.8	
CRMH-H22-S11	φ198	3	2.2	18	1.70	21.5	2.40	98.4	77
CRMH-H22-S12	φ198	3	2.2	24.5	1.70	28.5	2.40	99.2	
CRMH-H22-S13	φ198	3	2.2	18.5	1.70	22.5	2.40	99.6	
CRMH-H22-S21	φ198	3	2.2	17.5	1.70	20.5	2.40	98.9	
CRMH-H22-S22	φ198	3	2.2	22.5	1.70	27	2.40	99.5	
CRMH-H22-S23	φ198	3	2.2	18	1.70	21	2.40	99.8	

Mistrésa

High-temperature mist compatible series CRH type

The final character in the model
number indicates the type
of motor protection.



Model	Intake flange outside diameter (mm)	Phase	Output (kW)	50Hz		60Hz		Collecting efficiency (%)	Schematic weight (kg)
				Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Maximum flow volume (m³/min)	Maximum static pressure (kPa)		
CRH-100T/E	φ98	3	0.2	2.1	0.3	2.4	0.42	99.4	13
CRH-200T/E	φ98	3	0.2	2.7	0.5	3.2	0.73	99.4	20
CRH-04E	φ98	3	0.4	4.8	0.82	5.7	1.18	99.4	26
CRH-07E	φ123	3	0.75	7.6	1.05	9.2	1.48	99.4	37
CRH-15E	φ148	3	1.5	13.6	1.47	16	2.08	99.4	57

T: Fully-enclosed-fan type;
E: Increased-safety explosion-proof type

Mistrésa

High air volume type CRL-H22 type

Large-flow-volume type for handling mists from open-type machining centers.



Model	Intake flange outside diameter (mm)	Phase	Output (kW)	50Hz		60Hz		Collecting efficiency (%)	Schematic weight (kg)
				Maximum flow volume (m³/min)	Maximum static pressure (kPa)	Maximum flow volume (m³/min)	Maximum static pressure (kPa)		
CRL-H22	φ200	3	2.2	30	1.80	30	1.80	9.80	174

Dust collector

Collects dust at factories and other work places.

※In cases where there is a risk of spark intake, protective anti-explosion measures are necessary. Please contact us for more information.

Dustrésa

Compact series CFA type

Low-drive-oise, space-conserving dust collector



Model	Shaking method	Intake flange outside diameter (mm)	Phase	Output (kW)	Flow volume (m³/min) 50/60Hz	Static pressure (kPa) 50/60Hz	Filter surface area (m²)	Dimensions (mm)			Schematic weight (kg)
								Depth	Width	Height	
CFA-110	None	75	Single	0.2	4	0.8/1.18	0.8	405	380	570	25
CFA-H215C	Manual mechanism	75	Single	0.4	5	1.76	1.5	446	526	785	44
CFA-H215T	Manual mechanism	75	3	0.4	5	1.86	1.5	446	526	785	47
CFA-H220	Manual mechanism	97	3	0.75	8	2.15	2	446	526	785	59
CFA-H240	Manual mechanism	148	3	1.5	16	2.45	4	681	636	1228	135
CFA-H410	Manual mechanism	198	3	2.2	30	2.45	10.6	680	786	1462	197
CFA-H515	Manual mechanism	225	3	3.7	40	2.45	14.1	750	876	1612	238

Compact pulse-jet series CFM type

Pulse-jet-type dust collector with compact design and low drive noise



Model	Shaking method	Intake flange outside diameter (mm)	Phase	Output (kW)	Flow volume (m³/min) 50/60Hz	Static pressure (kPa) 50/60Hz	Filter surface area (m²)	Dimensions (mm)			Schematic weight (kg)
								Depth	Width	Height	
CFM-H10	Pulse	150	3	1.5	20	2.06	10.4	720	650	1415	180
CFM-H20	Pulse	200	3	2.2	30	2.45	15.6	720	870	1410	222
CFM-H30	Pulse	225	3	3.7	40	2.45	23.4	1000	870	1495	286
CFM-H40	Pulse	250	3	5.5	60	2.65	31.2	1060	1160	1640	408

Large dust collectors series CF type

Filtering area is from 2.0m² to 156.7m². It is possible to make more big air volume dust-collector by connecting some dust-collector and install it.



Pulse jet models

Model	Filter surface area (m²)	The number of filter clothes	Air consumption (ℓ/min)
CF-PC	7.2~168.0	4~70	14.4~50.4
CF-FC	2.0~156.7	4~128	14.4~275.2

Mechanical vibration models

Model	Filter surface area (m²)	Flow volume (m³/min)	The number of filter clothes
CF-1500H	8	20	16
CF-2200H	10	30	20
CF-3700H	10	35	20
CF-5500H	21	50	42
CFB-49N	52	104	64
CFB-70N	65	120	80
CFB-91N	81	160	100
CFB-100N	114	210	140

※Contact us about explosion proof models.

Grindrésa

Mist/Dust Collector for Grinding Machines GRM type

Readily used just by connecting a duct. Easily moved using the included casters. Wind flow adjustable with the attached inverter.



Model	Voltage/phase	Poles (P)	Output (kW)	50Hz		60Hz		Max intake temperature (°C)	Noise (dB(A)) (50/60Hz)	Dust collection efficiency (L)	Approx. Weight (kg)	Suction Phase Flange (mm)
				Max flow volume (m³/min)	Max static pressure (kPa)	Max flow volume (m³/min)	Max static pressure (kPa)					
GRM-H04T	200V-3	2	0.4	8.3	1.25	9.8	1.75	40	71	11.8	37	φ75

Dust collector with working table WRM type

For suction of dust and cutting oil efficiently.

※When collecting flammable or combustible dust, such as aluminium, the spark countermeasures must be installed.



Model		Output (kW·P)	Voltage (V) · phase	Frequency (Hz)	Volume (m³/min)	Wind velocity (m/s)	Filtration area (m²)	Duct collection box capacity (ℓ)	Noise front 1.0m dB (A)	Approx. weight (kg)
Standing	WRM-H04S	0.4-2	100V · Single	50 / 60	5.0	1.2	1.5	6.9	65 (Reference Value)	65
Desk	WRM-H04S-D		100V · Single		7.5	4.4 *1			68.5 *1	Desk : 66 Dust collector : 51

※Please contact us for more information on special specifications such as: foot switch, 3 phase, various electrical plug types, explosion proofing, different voltage, and more.

*1: Values written refer to those of the medium size opening.

Fume collector Fumeresa

For collecting fumes and odors.

Collects the fumes and odors generated by laser markers, etc.



Model	Shaking method	Intake flange outside diameter (mm)	Output (kW)	Maximum flow volume (m³/min)	Static pressure (kPa)	Dimensions (mm)			Schematic weight (kg)
						Depth	Width	Height	
CKU-050-ACC	None	65	0.10	2.2	1.8	264	264	472	17.5
CKU-060AT3-ACC	None	65	0.03	2.8	2.5	264	264	472	21.5
CBA-1000AT3-HC-DSA-V1	Automatic shaking	75	0.50	3.2	9.5	399	360	499	31.0

Compact Welding Fume Collector FRM type

Improves working environments affected by Industrial welding fumes.



Model	Voltage (V)	Output (kW)	Wind velocity (m/s)	Filter (pieces)	Schematic weight (kg)
FRM-H15	200V / 380V *1	1.5	11	1	100
FRM-H37		3.7	17	2	150

*1: Please contact us for more information on special specifications such as: different voltage

Other environmental equipment products

WindBag

Versatile product for air-blowing, cooling, and drying applications

Portable fan suitable for diverse applications (cooling, drying, circulating).



Model	Phase	Maximum current (A) · (50/60Hz)	Output (kW)	Maximum flow volume (m³/min)		Maximum intake air temperature (°C)	Schematic weight (kg)
				50Hz	60Hz		
WB-02J	100V · Single	2.0 / 3.2	0.2	8.5	10	40	10
WB-02T	220V · Single	1.0 (50Hz Only)	0.2	8.5	—	40	10

Windracer

For a comfortable in-plant working environment.

Feeds air from a distance and improves temperature variations within the plant for applications such as:
1) Countermeasure for hot air
2) Countermeasure for cold air
3) Cooling and drying



Model	Phase	Output (kW)	Maximum current (A) · (50Hz)	Noise level (dB(A)) · (50Hz)	Blowing angle (°)	Mass (kg)
WR-100W	220V · Single	0.1	1.0	56	35	15
WR-200W		0.2	2.2	60		17



Business lines

Electric blowers

- Low-noise series
- High-pressure series
- Multi-stage series
- Compact series
- General-purpose series
- Multi series
- Stainless steel · Steel plate series
- Explosion-proof series
- Large-sized series (Denchoku)
- High pressure vortex series (Gust Blower)
- Agitating/circulating series (Double volute)

Fans/Blowers

- Turbo fan (Delturbo)
- Turbo blower
- Air foil fan
- Sirocco fan
- Plate fan
- Axial fan with a variable pitch (Kairyu)
- Mixed flow fan
- High static pressure blower
- A fan for a coating booth

Abnormality detector

- Troubleresa

Environmental equipment

- Mist collectors (*Mistrésa*)
- Portable fan (*Windbag*)
- Windracer (*Windracer*)

Dust collectors

- Dustresa (*Dustrésa*)
 - Compact series
 - Small-size pulse-jet series
 - Pulse-jet series
- Workresa (*Workrésa*)
- Grindresa (*Grindrésa*)
- Fumeresa (*Fumerésa*)



Cautions regarding safety

In order to ensure proper use of the products listed in this catalog, be sure to read the instruction manual thoroughly before use.

<http://www.showadenki.info/>

showadenki

Search



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