Showa

INFORMATION

Blowers
Environmental Equipment
Fans & Blowers
Dust Collectors

SHOWA DENKI CO., LTD.

Showa

E-SERIES EC/EM/EP type

ISO9001 Certification Acquisition

EC-63～
EC-125

EM-100T7
EM-125M2

EP-63～
EP-125

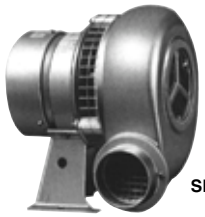
Impeller	Model	Casing discharge in. diam. (mm)	Discharge flange out. diam. (mm)	Phase	Output (kW)	※Current (A) 100V 50Hz	※Current (A) 100V 60Hz	※Current (A) 200V 50Hz	※Current (A) 200／220V 60Hz	50Hz Revolutions (min-1)	50Hz Max.air flow (m3/min)	50Hz Max.static pressure (kPa)	60Hz Revolutions (min-1)	60Hz Max.air flow (m3/min)	60Hz Max.static pressure (kPa)	Weight (kg)
Turbo fan	EC-63S	63	63	1	0.1	1.4	1.7	—	—	2800	4.5	0.60	3400	5.5	0.85	6.5
	EC-63T	63	63	3		—	—	0.8	0.8							
	EC-75S	75	75	1	0.2	3.5	3.5	—	—	2800	6.5	0.80	3400	7.5	1.15	8.3
	EC-75T	75	75	3		—	—	1.2	1.1							
	EC-100S	100	97	1	0.4	6.0	7.8	—	—	2850	13	1.32	3450	16	1.91	13.8
	EC-100T	100	97	3		—	—	2.5	2.5／2.4							
	EC-125	125	123	3	1.0	—	—	4.5	4.5／4.2	2850	24	1.70	3450	28	2.50	21
Sirocco fan	EM-100T7	100	97	3	0.75	—	—	3.5	3.5／3.2	2850	16	1.28	3450	16 (19)	1.81	16
	EM-125M2	125	123	3	2.2	—	—	9.5	9.2／8.4	2850	33	1.67	3450	32 (37)	2.50	25
Plate fan	EP-63S	63	63	1	0.1	1.4	1.7	—	—	2800	5.0	0.60	3400	6.0	0.85	6.5
	EP-63T	63	63	3		—	—	0.8	0.8							
	EP-75S	75	75	1	0.2	3.5	3.5	—	—	2800	7.0	0.80	3400	8.0	1.15	9
	EP-75T	75	75	3		—	—	1.2	1.1							
	EP-100S	100	97	1	0.4	6.0	7.8	—	—	2850	13.5	1.18	3450	16	1.67	13
	EP-100T	100	97	3		—	—	2.5	2.5／2.4							
	EP-125	125	123	3	1.0	—	—	4.5	4.5／4.2	2850	23	1.50	3450	24 (27)	2.15	20

※The desired voltage can be specified when ordering. ※Current values will change according to the voltage.

GENERAL PURPOSE-SERIES SF/SB type

ISO9001 Certification Acquisition

SF-50



SF-38HT

SB-201
SB-202

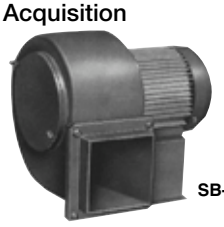
Model	Casing discharge in. diam. (mm)	Discharge flange out. diam. (mm)	Phase	Output (kW)	※Current (A) 100V 50Hz	※Current (A) 100V 60Hz	※Current (A) 200V 50Hz	※Current (A) 200／220V 60Hz	50Hz Revolutions (min-1)	50Hz Max.air flow (m3/min)	50Hz Max.static pressure (kPa)	60Hz Revolutions (min-1)	60Hz Max.air flow (m3/min)	60Hz Max.static pressure (kPa)	Weight (kg)
SF-38	38	41	1	0.025	1.0	1.0	—	—	2830	1.1	0.21	3280	1.2	0.31	2
SF-50	50	49	1	0.04	0.8	0.8	—	—	2700	2.2	0.32	3200	2.6	0.45	2.9
SF-55S	55	49	1	0.04	0.8	1.0	—	—	2700	2.5	0.31	3200	2.8	0.44	3
SB-151	38	41	1	0.04	0.7	0.7	—	—	2700	1.6	0.47	3200	2.0	0.66	3
SB-201	50	49	1	0.04	0.7	0.7	—	—	2700	2.2	0.47	3200	2.6	0.66	3
SB-202	50	49	3	0.04	—	—	0.3	0.3	2700	2.2	0.47	3200	2.6	0.66	3

※The desired voltage can be specified when ordering. ※Current values will change according to the voltage.

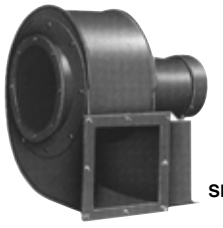
GENERAL PURPOSE-SERIES SF/SB type

ISO9001 Certification Acquisition

SF-100
SB-100



SB-150



SB-180

SB-600

Impeller	Model	Casing discharge in. diam. (mm)	Discharge flange out. diam. (mm)	Intake flange out. diam. (mm)	Phase	Output (kW)	※Current (A) 100V 50Hz	※Current (A) 100V 60Hz	※Current (A) 200V 50Hz	※Current (A) 200／220V 60Hz	50Hz Revolutions (min-1)	50Hz Max.air flow (m3/min)	50Hz Max.static pressure (kPa)	60Hz Revolutions (min-1)	60Hz Max.air flow (m3/min)	60Hz Max.static pressure (kPa)	Weight (kg)
Sirocco fan	SF-75	75	75	—	1	0.25	4.5	4.5	—	—	2800	8.0	0.55	3400	9.5	0.80	8
	SB-75				3		—	—	1.4	1.3							
	SF-100	100	97	—	1	0.4	6.0	7.8	—	—	2850	13	0.71	3450	15	1.03	11.5
	SB-100				3		—	—	2.5	2.5／2.4							
	SB-150	142×142	150×150	—	3	0.75	—	—	3.5	3.5／3.2	2850	21	0.90	3450	20 (25)	1.30	18
	SB-180	194×194	—	—	3	1.5	—	—	6.5	6.0	1430	45	0.54	1715	53	0.79	50
Turbo・Plate fan	SB-600	150	148	148	3	0.75	—	—	3.5	3.5／3.2	2850	23	1.45	3450	27	2.05	22
	SB-600P	150	148	148	3	0.75	—	—	3.5	3.5／3.2	2850	25	1.25	3450	20 (29)	1.75	22
	SBT-600	150	148	148	3	1.5	—	—	6.2	6.2／5.7	2850	30	1.96	3450	36	2.84	31
	SBT-600P	150	148	148	3	1.5	—	—	6.2	6.2／5.7	2850	29	1.77	3450	30 (34)	2.45	30

※The desired voltage can be specified when ordering. ※Current values will change according to the voltage.

Max. air flow beyond motor capacity given in ( ).

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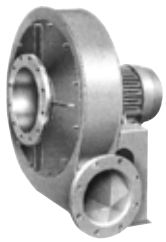
KSB-SERIES KSB-B/KSB type

ISO9001 Certification Acquisition

KSB-750～
KSB-3700

KSB-750B～
KSB-3700B

KSB-750HT～
KSB-3700HT



KSB-7500

Model	Casing discharge in. diam. (mm)	Discharge flange out. diam. (mm)	Intake flange out. diam. (mm)	Phase	Output (kW)	※Current (A) 200V 50Hz	※Current (A) 200／220V 60Hz	Revolutions (min-1) 50Hz	Revolutions (min-1) 60Hz	Max.air flow (m3/min)	Max.static pressure (kPa)	Weight (kg)
KSB-400	75	82	123	3	0.4	2.5	2.5／2.4	2850	3450	12	2.10	22
KSB-750	114	123	175	3	0.75	3.5	3.5／3.2	2850	3450	23	2.30	25
KSB-1500	125	123	175	3	1.5	6.2	6.2／5.7	2850	3450	35	2.75	39
KSB-2200	135	148	175	3	2.2	9.5	9.2／8.4	2850	3450	42	3.35	45
KSB-3700	160	175	200	3	3.7	15.0	14.5／13.5	2850	3450	65	4.41	70
KSB-5500	JIS 5K 200A		JIS 5K 200A	3	5.5	＊20.0	＊20.0／18.4	2920	3510	79	5.20	165
KSB-7500	JIS 5K 200A		JIS 5K 250A	3	7.5	＊26.0	＊26.0／24.2	2920	3510	90	5.59	180

※The desired voltage can be specified when ordering. ※Current values will change according to the voltage. ＊) Marked specifications will vary according to motor used.

Model	Casing discharge in. diam. (mm)	Discharge flange out. diam. (mm)	Intake flange out. diam. (mm)	Phase	Output (kW)	※Current (A) 200V 50Hz	※Current (A) 200／220V 60Hz	※50Hz 200V Revolutions (min-1)	※50Hz 200V Max.air flow (m3/min)	※50Hz 200V Max.static pressure (kPa)	※60Hz 200／220V Revolutions (min-1)	※60Hz 200／220V Max.air flow (m3/min)	※60Hz 200／220V Max.static pressure (kPa)	Weight (kg)
KSB-750B	114	123	175	3	0.75	3.5	3.5／3.2	2850	15	2.10	3450	18	3.00	25
KSB-1500B	125	123	175	3	1.5	6.2	6.2／5.7	2850	24	2.75	3450	28	3.90	39
KSB-2200B	135	148	175	3	2.2	9.5	9.2／8.4	2850	32	3.15	3450	38	4.50	45
KSB-3700B	160	175	200	3	3.7	15.0	14.5／13.5	2850	45	3.78	3450	52	5.40	70

※The desired voltage can be specified when ordering. ※Current values will change according to the voltage.

FLANGED-SERIES FS type

ISO9001 Certification Acquisition

FS-400

FS-750

FS-1500
FS-2200

Model	Casing discharge in. diam. (mm)	Phase	Output (kW)	※Current (A) 200V 50Hz	※Current (A) 200／220V 60Hz	※50Hz 200V Revolutions (min-1)	※50Hz 200V Max.air flow (m3/min)	※50Hz 200V Max.static pressure (kPa)	※60Hz 200／220V Revolutions (min-1)	※60Hz 200／220V Max.air flow (m3/min)	※60Hz 200／220V Max.static pressure (kPa)	Weight (kg)
FS-150	70×80	3	0.2	1.2	1.1	2800	7.0	0.39	3400	8.0	0.55	6
							＊6.2	＊0.35		＊7.0	＊0.50	
FS-200	76×76	3	0.25	1.5	1.5	2800	9.5	0.55	3400	11	0.75	8.5
FS-400	102×102	3	0.4	2.5	2.5／2.4	2850	15	0.80	3450	14 (18)	1.08	12
FS-750	110×120	3	0.75	3.5	3.5／3.2	2850	21	0.85	3450	19 (26)	1.25	16
FS-1500	144×166	3	1.5	6.2	6.2／5.7	2850	32	1.13	3450	37 (39)	1.62	24
FS-2200	150×170	3	2.2	9.5	9.2／8.4	2850	45	1.43	3450	43 (53)	2.06	29

※The desired voltage can be specified when ordering. ※Current values will change according to the voltage.

Max. air flow beyond motor capacity given in ( ).
HT specifications and performance marked with ＊.

LOW NOISE-SERIES AH type

ISO9001 Certification Acquisition

AH-500

AH-800

AH-1200

Model	Casing discharge in. diam. (mm)	Discharge flange out. diam. (mm)	Intake flange out. diam. (mm)	Phase	Output (kW)	※Current (A) 200V 50Hz	※Current (A) 200／220V 60Hz	※50Hz 200V Revolutions (min-1)	※50Hz 200V Max.air flow (m3/min)	※50Hz 200V Max.static pressure (kPa)	※60Hz 200／220V Revolutions (min-1)	※60Hz 200／220V Max.air flow (m3/min)	※60Hz 200／220V Max.static pressure (kPa)	Weight (kg)
AH-400	100	97	123	3	0.2	1.2	1.1／1.1	2800	9.5	0.75	3400	11	1.05	10
AH-500	125	123	148	3	0.4	2.5	2.5／2.4	2850	17	1.03	3450	20	1.47	17
AH-600	144×144	*144×144	*170	3	0.75	3.5	3.5／3.2	2850	34	1.15	3450	40	1.65	26.5
AH-800	160×160	*160×160	*200	3	1.0	4.5	4.5／4.2	2850	40	1.30	3450	48	1.85	30
AH-1000	180×180	*180×180	*250	3	1.5	6.2	6.2／5.7	2850	56	1.35	3450	65	1.90	47
AH-1200	210×210	*210×210	*275	3	2.2	9.5	9.2／8.4	2850	73	1.65	3450	85	2.35	55

※The desired voltage can be specified when ordering. ※Current values will change according to the voltage.
* Inner diameter given for discharge and intake flange for models AH-600/800/1000/1200.

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PRESSURE & EXPLOSION-PROOF-SERIES MD・ME type

ISO9001 Certification Acquisition

MD-EC-100

ME-U75-5

ME-KSB-750

Model	※Voltage (V)	Frequency (Hz)	Output (kW)	Max.air flow (m³/min)	Max.static pressure (kPa)	Weight (kg) 〈HT〉	
						MD	ME
MD (ME) -EC-63T	200・200/220	50/60	0.2	4.5/5.5	0.60/0.85	10〈11〉	8〈 9〉
MD (ME) -EC-75T	200・200/220	50/60	0.2	6.5/7.5	0.80/1.15	11〈12〉	9〈10〉
MD (ME) -EC-100T	200・200/220	50/60	0.5	13/16	1.30/1.90	16〈16〉	15〈15〉
MD (ME) -EC-125	200・200/220	50/60	1.0	24/25 (28)	1.70/2.50	25〈27〉	23〈25〉
MD (ME) -EM-100T7	200・200/220	50/60	0.75	16/16 (19)	1.25/1.80	20〈21〉	18〈19〉
MD (ME) -EM-125M2	200・200/220	50/60	2.2	33/32 (37)	1.65/2.50	31〈33〉	28〈30〉
MD (ME) -EP-63T	200・200/220	50/60	0.2	5.0/6.0	0.60/0.85	10〈12〉	8〈10〉
MD (ME) -EP-75T	200・200/220	50/60	0.2	7.0/8.0	0.80/1.15	11〈13〉	9〈11〉
MD (ME) -EP-100T	200・200/220	50/60	0.5	13.5/14 (16)	1.20/1.70	16〈17〉	14〈15〉
MD (ME) -EP-125	200・200/220	50/60	1.0	23/22 (27)	1.50/2.15	24〈26〉	22〈24〉
MD (ME) -SB-75	200・200/220	50/60	0.25	8.0/9.5	0.55/0.80	13〈14〉	11〈12〉
MD (ME) -SB-100	200・200/220	50/60	0.5	13/15	0.70/1.00	14〈15〉	12〈13〉
MD (ME) -SB-150	200・200/220	50/60	0.75	21/20 (25)	0.90/1.30	23〈25〉	21〈23〉
MD (ME) -SB-600	200・200/220	50/60	0.75	23/20 (27)	1.45/2.05	27〈29〉	26〈28〉
MD (ME) -SB-600P	200・200/220	50/60	0.75	25/20 (29)	1.25/1.75	26〈27〉	25〈27〉
MD (ME) -SBT-600	200・200/220	50/60	1.5	30/30 (36)	1.95/2.85	36〈38〉	34〈36〉
MD (ME) -SBT-600P	200・200/220	50/60	1.5	29/30 (34)	1.75/2.45	36〈38〉	34〈36〉
MD (ME) -FS-150	200・200/220	50/60	0.2	7.0/8.0	0.39/0.55	9〈10〉	7〈 8〉
MD (ME) -FS-200	200・200/220	50/60	0.25	9.5/11	0.55/0.75	13〈14〉	11〈12〉
MD (ME) -FS-400	200・200/220	50/60	0.5	15/14 (18)	0.80/1.10	14〈15〉	12〈13〉
MD (ME) -FS-750	200・200/220	50/60	0.75	21/19 (26)	0.85/1.25	19〈21〉	18〈20〉
MD (ME) -FS-1500	200・200/220	50/60	1.5	32/35 (39)	1.10/1.60	30〈32〉	28〈30〉
MD (ME) -FS-2200	200・200/220	50/60	2.2	45/43 (53)	1.40/2.05	32〈34〉	30〈32〉
MD (ME) -KSB-400	200・200/220	50/60	0.5	12/12	2.10/2.10	25〈27〉	23〈25〉
MD (ME) -KSB-750	200・200/220	50/60	0.75	23/23	2.30/2.30	31〈33〉	29〈31〉
MD (ME) -KSB-1500	200・200/220	50/60	1.5	35/35	2.75/2.75	40〈42〉	38〈40〉
MD (ME) -KSB-2200	200・200/220	50/60	2.2	42/42	3.35/3.35	44〈46〉	42〈44〉
MD (ME) -KSB-750B	200・200/220	50/60	0.75	15/18	2.21/3.00	30〈31〉	29〈30〉
MD (ME) -KSB-1500B	200・200/220	50/60	1.5	24/28	2.75/3.90	40〈42〉	38〈40〉
MD (ME) -KSB-2200B	200・200/220	50/60	2.2	32/38	3.15/4.50	44〈46〉	42〈44〉
MD (ME) -AH-400	200・200/220	50/60	0.2	9.5/11	0.75/1.05	13〈14〉	11〈12〉
MD (ME) -AH-500	200・200/220	50/60	0.5	17/20	1.05/1.45	20〈21〉	18〈19〉
MD (ME) -AH-600	200・200/220	50/60	0.75	34/32 (40)	1.15/1.65	30〈32〉	28〈30〉
MD (ME) -AH-800	200・200/220	50/60	1.0	40/48	1.30/1.85	34〈36〉	32〈34〉
MD (ME) -AH-1000	200・200/220	50/60	1.5	56/65	1.35/1.90	47〈49〉	44〈46〉
MD (ME) -AH-1200	200・200/220	50/60	2.2	73/85	1.65/2.35	55〈57〉	52〈54〉
MD (ME) -U75-2	200・200/220	50/60	0.5	7.7/9.2	2.10/3.00	17〈18〉	15〈16〉
MD (ME) -U75-3	200・200/220	50/60	0.5	8.3/4.5 (9.5)	3.10/4.30	19〈20〉	17〈18〉
MD (ME) -U75-4	200・200/220	50/60	1.0	8.5/8.0 (10)	4.00/5.70	24〈25〉	22〈23〉
MD (ME) -U75-5	200・200/220	50/60	1.0	8.7/6.0 (10)	4.90/7.10	26〈27〉	24〈25〉
MD (ME) -U100B-26	200・200/220	50/60	1.5	13.8/16.3	3.90/5.50	36〈38〉	34〈36〉
MD (ME) -U100B-35	200・200/220	50/60	1.5	14	5.80	42〈44〉	40〈42〉
MD (ME) -U100B-36	200・200/220	50/60	2.2	14/16.5	5.80/8.15	42〈44〉	40〈42〉
MD (ME) -U100B-45	200・200/220	50/60	2.2	14.3	7.65	48〈50〉	45〈47〉
MD (ME) -U100B-55	200・200/220	50/60	2.2	14.5	9.30	53〈55〉	50〈52〉

※The desired voltage can be specified when ordering. Max. air flow beyond motor capacity given in ( ).

MULTI STAGE-SERIES U type

ISO9001 Certification Acquisition

U75-2

U75-5

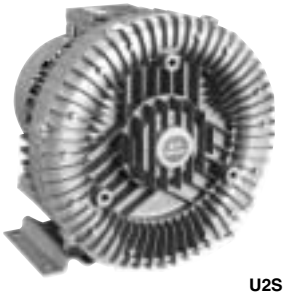
U100B-4

Model	Casing discharge in. diam. (mm)	Discharge flange out. diam. (mm)	Intake flange out. diam. (mm)	Phase	Output (kW)	※Current (A)		※50Hz 200V			※60Hz 200／220V			Weight (kg)	Number of stages
						200V 50Hz	200／220V 60Hz	Revolutions (min⁻¹)	Max.air flow (m³/min)	Max.static pressure (kPa)	Revolutions (min⁻¹)	Max.air flow (m³/min)	Max.static pressure (kPa)		
U75-2	75	75	123	3	0.4	2.5	2.5／2.4	2850	7.7	2.10	3450	9.2	3.00	15	2
U75-3	75	75	123	3	0.4	2.5	2.5／2.4	2850	8.3	3.10	3450	6.0 (9.5)	4.30	16.5	3
U75-4	75	75	123	3	1.0	4.5	4.5／4.2	2850	8.5	4.00	3450	8.0 (10)	5.70	23.5	4
U75-5	75	75	123	3	1.0	4.5	4.5／4.2	2850	8.7	4.90	3450	6.0 (10)	7.10	24	5
U100B-26	100	100	148	3	1.5	6.2	6.2／5.7	2850	13.8	3.90	3450	16.3	5.50	34	2
U100B-35	100	100	148	3	1.5	6.2	—	2850	14.0	5.80	—	—	—	38	3
U100B-36	100	100	148	3	2.2	9.5	9.2／8.4	2850	14.0	5.80	3450	16.5	8.15	48	3
U100B-45	100	100	148	3	2.2	9.5	—	2850	14.3	7.65	—	—	—	48	4
U100B-46	100	100	148	3	3.7	15.0	14.5／13.5	2850	14.3	7.65	3450	16.7	11.0	53	4
U100B-55	100	100	148	3	2.2	9.5	—	2850	14.5	9.32	—	—	—	59	5
U100B-56	100	100	148	3	3.7	15.0	14.5／13.5	2850	14.5	9.32	3450	17.2	13.5	69	5

※The desired voltage can be specified when ordering. ※Current values will change according to the voltage. Max. air flow beyond motor capacity given in ( ).

Showa

HIGH-PRESSUER-SERIES U2S type General purpose-type

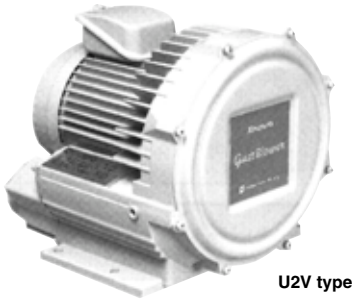


U2S type

Model	Phase	※Voltage (V)	Indicated output (kW)	50Hz				60Hz				Weight (kg)
				Intake		Discharge		Intake		Discharge		
				Max.air flow (m^3/min)	Max.static pressure (kPa)	Max.air flow (m^3/min)	Max.static pressure (kPa)	Max.air flow (m^3/min)	Max.static pressure (kPa)	Max.air flow (m^3/min)	Max.static pressure (kPa)	
U2S-40T	3	200	0.4	1.3	13.0	1.3	15.0	1.6	15.5	1.6	16.5	10
U2S-70T	3	200	0.75	2.4	14.5	2.4	12.5	2.9	14.0	2.9	13.0	15
U2S-150	3	200	1.5	3.5	16.0	3.5	18.5	4.1	20.0	4.1	22.0	21
U2S-220	3	200	2.2	5.0	16.0	5.0	20.0	6.0	24.0	6.0	23.0	35
U2S-370	3	200	3.7	5.2	29.0	5.0	38.0	6.0	33.0	6.2	33.0	42
U2S-750	3	200	7.5	7.8	22.0	7.3	27.0	8.8	24.0	9.2	27.0	75

※The desired voltage can be specified when ordering.

HIGH-PRESSUER-SERIES U2V type Low Noise-type



U2V type

Model	Phase	※Voltage (V)	Indicated output (kW)	50Hz				60Hz				Weight (kg)
				Intake		Discharge		Intake		Discharge		
				Max.air flow (m^3/min)	Max.static pressure (kPa)	Max.air flow (m^3/min)	Max.static pressure (kPa)	Max.air flow (m^3/min)	Max.static pressure (kPa)	Max.air flow (m^3/min)	Max.static pressure (kPa)	
U2V-07S	1	100	0.07	0.45	4.00	0.45	4.20	0.52	5.39	0.52	5.59	6
U2V-07T	3	200										
U2V-10S	1	100	0.1	0.6	5.39	0.6	5.89	0.7	6.86	0.7	7.36	6.5
U2V-10T	3	200										
U2V-20S	1	100	0.2	0.7	7.64	0.7	8.14	0.8	9.31	0.8	9.81	8.5
U2V-20T	3	200										
U2V-30S	1	100	0.3	1.0	8.82	1.0	9.30	1.15	10.3	1.15	10.9	9
U2V-30T	3	200									10.8	
U2V-40S	1	100／200	0.4	1.1	11.8	1.1	13.9	1.3	14.7	1.3	15.7	17
U2V-40T	3	200			12.7		15.7		16.2		17.2	15
U2V-70S	1	100／200	0.75	1.7	12.7	1.7	14.7	2.2	16.7	2.2	17.5	23
U2V-70T	3	200		2.0	14.7	2.0	16.7	2.5	17.6	2.5	19.6	17
U2V-150	3	200	1.5	3.3	16.2	3.3	19.6	4.0	21.1	4.0	22.6	26
U2V-220	3	200	2.2	4.2	19.6	4.2	21.6	5.0	23.5	5.0	24.5	35

※The desired voltage can be specified when ordering.

DENCHOKU K1D/M2D/T1D/T2D/B1D type

ISO9001 Certification Acquisition

Air foil fan
K1D18-R3ST

Turbo fan
T1D12-R3ST

Air foil fans

Model	Discharge in. diam. (mm)	Intake in. diam. (mm)	Output (kW)
K1D08	240×300	ϕ325	0.75～2.2
K1D10	300×380	ϕ400	2.2、3.7
K1D12	360×460	ϕ475	0.75、1.5、5.5
K1D14	420×540	ϕ540	1.5～3.7
K1D16	480×610	ϕ625	3.7～7.5
K1D18	540×690	ϕ700	5.5～11
K1D20	600×770	ϕ810	11～18.5
K1D22	660×850	ϕ890	15、18.5

Turbo fans

Model	Discharge in. diam. (mm)	Intake in. diam. (mm)	Output (kW)
T1D08	270×190	ϕ265	1.5、2.2
T1D10	340×205	ϕ335	3.7～7.5
T1D12	400×245	ϕ400	7.5～18.5
T1D14	470×285	ϕ475	15～30
T2D08	270×190	ϕ265	0.75、1.5
T2D10	340×205	ϕ335	1.5～3.7
T2D12	400×245	ϕ400	3.7～11
T2D14	470×285	ϕ475	7.5～15、22
T2D16	540×325	ϕ540	15～22

Turbo blowers

Model	Discharge in. diam. (mm)	Intake in. diam. (mm)	Output (kW)
B1D14	88×70	JIS 5K 150A _166.6	2.2、3.7
B1D15	110×80	JIS 5K 200A _218	3.7、5.5
B1D16	131×100	JIS 5K 200A _218	5.5、7.5
B1D17	156×125	JIS 5K 200A _218	7.5、11
B1D18	200×160	JIS 5K 250A _269.5	11、18.5
B1D19	250×200	JIS 5K 300A _321	18.5、30
B1D20	300×250	JIS 5K 300A _321	30、45

Sirocco fans

Model	Discharge in. diam. (mm)	Intake in. diam. (mm)	Output (kW)
M2D06	180×230	ϕ240	0.75、1.5
M2D08	240×300	ϕ325	0.75～5.5
M2D10	300×380	ϕ400	1.5～15
M2D12	360×460	ϕ475	3.7～11
M2D14	420×540	ϕ540	7.5～18.5

CRD type

CR type

TÜV Rheinland
No.J9751072

CRH type

CRL-2200

Mistresa (Mist & Dust)

Model	Phase	Output (kW)	※Voltage (V)	Frequency (Hz)	Max.air flow (m^3/min)	Max.static pressure (kPa)	Weight (kg)
CRD-400K	3	0.4	200／200／220	50／60／60	4.2／5.0	0.75／1.10	30
CRD-750K	3	0.75	200／200／220	50／60／60	8.0／9.6	1.10／1.60	41
CRD-1500K	3	1.5	200／200／220	50／60／60	15／18	1.60／2.25	59
CRD-2200K	3	2.2	200／200／220	50／60／60	20／24	1.70／2.40	70

Mistresa

Model	Phase	Output (kW)	※Voltage (V)	Frequency (Hz)	Max.air flow (m^3/min)	Max.static pressure (kPa)	Weight (kg)
CR-400K	3	0.4	200／200／220	50／60／60	4.2／5.0	0.70／1.00	25
CR-750K	3	0.75	200／200／220	50／60／60	8.0／9.0	1.00／1.40	35
CR-1500K	3	1.5	200／200／220	50／60／60	14／17	1.60／2.20	53

Hot Mistresa

Model	Phase	Output (kW)	※Voltage (V)	Frequency (Hz)	Max.air flow (m^3/min)	Max.static pressure (kPa)	Weight (kg)
CRH-100T/E	3	0.2	200／200／220	50／60／60	2.1／2.4	0.30／0.42	15
CRH-200T/E	3	0.2	200／200／220	50／60／60	2.7／3.2	0.50／0.73	20
CRH-400T/E	3	0.4	200／200／220	50／60／60	4.7／5.8	0.80／1.10	24
CRH-750T/E	3	0.75	200／200／220	50／60／60	8.0／9.6	1.00／1.40	34
CRH-1500T/E	3	1.5	200／200／220	50／60／60	14／17	1.60／2.20	54

Mistresa (A big wind type)

Model	Phase	Output (kW)	※Voltage (V)	Frequency (Hz)	Max.air flow (m^3/min)	Rated air flow (kPa)	Weight (kg)
CRL-2200	3	2.2	200／200／220	50／60／60	30	1.80	174

※The desired voltage can be specified when ordering. ※Current values will change according to the voltage.

Daito Factory

Iga Factory

Daito Factory (Structure line)

Iga Factory (Structure line)

Group 3 ENVIRONMENTAL EQUIPMENT

WIND BAG

WIND BAG

Model	Phase	※Voltage (V)	Output (kW)	※Current (A)	Frequency (Hz)	Max.air flow (m^3/min)	Weight (kg)
WB-200	1	100	0.2	2.0	50	9.0	9.5
				3.2	60	10.5	

Working intake air temperature range	−10℃～40℃
Working humidity	Less than 80%（No dewing or dripping）

※The desired voltage can be specified when ordering. ※Current values will change according to the voltage.

Portable Fan

AP-2 type

AP-280/280T

APT-3 type

Portable Fan

Model	Casing dia (mm)	Phase	※Voltage (V)	Output (kW)	Frequency (Hz)	Max.air flow (m^3/min)	Max. static pressure (kPa)	Weight (kg)	Note
AP-2	214	1	100	0.16	50／60	20／24	0.26／0.36	7	
APT-3	314	3	200	0.2／0.3	50／60	36／42	0.40／0.53	25	Pressure & Explosion Proof Type
AP-280	305	1	100	0.4	50／60	47／55	0.60／(0.80)	13	
AP-280T	305	3	200	0.4	50／60	47／55	0.60／(0.80)	13	

※The desired voltage can be specified when ordering. ※Current values will change according to the voltage.
Max. air flow beyond motor capacity given in ( ).

Group 4 FANS & BLOWERS

TURBO FAN

ISO9001 Certification Acquisition

Turbo fan
(middle-pressure type)

Turbo fan
(T1V)

Turbo blower
(V-velt type)

Patent No.: US 6,190,125 B1
Date of Patent: Feb. 20, 2001
SUCTION FLOW PRESWIRL CONTROL
BPASS STRUCTURE FOR BLOWERS

Turbo fans

	Model	Air flow (m^3/min)	Static pressure (kPa)	Inlet opening (φ: mm)	Outlet opening (V×H: mm)
Big wind - quantity Low-pressure form	T1V08	20～ 60	0.3～2.2	265	270×190
	T1V10	30～ 95	0.4～2.2	335	340×205
	T1V12	50～ 150	0.5～2.8	400	400×245
	T1V14	60～ 190	0.5～2.3	475	470×285
	T1V16	90～ 280	0.8～3.0	540	540×325
	T1V18	120～ 350	1.0～3.2	600	600×365
	T1V20	150～ 450	1.0～3.2	660	670×410
	T1V22	250～ 550	1.0～2.8	750	730×450
	T1V24	300～ 650	1.2～3.0	810	800×490
	T1V28	400～ 900	1.2～3.2	940	930×570
	T1V32	500～1100	1.2～2.8	1080	1070×655
	T1V36	600～1400	1.2～2.8	1200	1200×735
	T1V40	800～1800	1.2～2.8	1320	1330×815
palsy - quantity type middle-pressure form	T2V08	15～ 45	0.6～2.7	265	270×190
	T2V10	30～ 75	0.6～3.0	335	340×205
	T2V12	50～ 125	0.8～4.2	400	400×245
	T2V14	70～ 170	1.0～4.2	475	470×285
	T2V16	90～ 250	1.2～5.2	540	540×325
	T2V18	130～ 330	1.5～6.0	600	600×365
	T2V20	170～ 400	1.5～6.0	660	670×410
	T2V22	220～ 500	1.7～6.0	750	730×450
	T2V24	220～ 670	2.5～6.3	810	800×490
	T2V28	400～ 900	2.5～7.0	940	930×570
	T2V32	450～1050	2.0～6.0	1080	1070×655
	T2V36	500～1250	1.7～5.0	1200	1200×735
	T2V40	600～1550	1.7～4.7	1320	1330×815

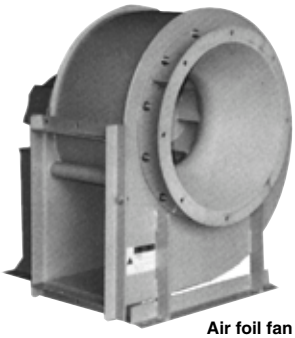
Turbo blowers

B2V03	7～ 20	2.5～ 6.5	JIS5K-200A	JIS5K- 80A
B2V04	10～ 30	2.5～ 7.5	JIS5K-200A	JIS5K-100A
B2V05	15～ 45	2.5～ 8.0	JIS5K-200A	JIS5K-125A
B2V06	20～ 60	3.5～ 8.0	JIS5K-200A	JIS5K-150A
B2V10	40～110	5.0～11.0	JIS5K-300A	JIS5K-250A
B3V05	15～ 35	6.0～ 9.5	JIS5K-200A	JIS5K-125A
B3V06	15～ 45	6.0～11.0	JIS5K-200A	JIS5K-150A
B3V08	20～ 75	5.0～11.0	JIS5K-250A	JIS5K-200A
B3V10	40～140	5.0～11.0	JIS5K-300A	JIS5K-250A

Showa

AIR FOIL FAN

ISO9001 Certification Acquisition



Air foil fan (KT type)

Air foil fans

Model	Air flow (m^3/min)	Static pressure (kPa)	Inlet opening (ϕ: mm)	Outlet opening (V×H: mm)
KT-30	49～ 180	0.49～1.96	480	480× 355
KT-35	45～ 265	0.49～2.45	550	560× 400
KT-40	85～ 357	0.49～2.45	630	640× 460
KT-45	78～ 444	0.49～2.45	710	720× 520
KT-50	123～ 537	0.49～2.45	795	800× 590
KT-55	152～ 678	0.49～2.45	890	880× 670
KT-60	144～ 775	0.49～2.45	990	960× 760
KT-70	222～1125	0.49～2.45	1140	1120× 860
KT-80	340～1445	0.49～2.45	1290	1280× 970
KT-90	350～1700	0.49～2.45	1450	1440×1080
KT-00	670～2290	0.49～2.45	1600	1600×1210

SIROCCO FAN

ISO9001 Certification Acquisition

Sirocco fan (S2 type)

Sirocco fan (D1 type)

Sirocco fans (Single suction formula) S_1・S_2

Model	Air flow (m^3/min)	Static pressure (kPa)	Inlet opening (ϕ: mm)	Outlet opening (V×H: mm)
M1V06	22～ 56	0.098～0.69	256	240× 190
M1V08	36～ 98	0.098～0.79	340	320× 250
M1V10	87～ 205	0.098～0.88	430	400× 320
M1V12	113～ 299	0.098～0.79	514	480× 385
M1V14	134～ 378	0.098～0.88	570	530× 420
M1V16	174～ 503	0.098～0.88	646	610× 480
M1V18	217～ 613	0.098～0.69	722	680× 550
M1V20	219～ 711	0.15 ～0.79	808	760× 610
M1V22	305～ 900	0.15 ～0.88	892	840× 670
M1V24	385～1100	0.15 ～0.88	970	910× 730
M1V28	555～1450	0.15 ～0.88	1140	1060× 850
M1V32	620～1780	0.15 ～0.88	1320	1250×1000
M1V36	1050～2460	0.15 ～0.88	1500	1400×1120
M1V40	1300～3150	0.15 ～0.88	1700	1600×1250
Sirocco fans (Multi suction formula) D_1				
M1V06	41.8～ 114	0.098～0.69	256	240× 340
M1V08	69～ 197	0.098～0.79	340	320× 425
M1V10	137～ 380	0.098～0.88	430	400× 560
M1V12	215～ 615	0.098～0.79	514	480× 650
M1V14	224～ 640	0.098～0.88	570	530× 750
M1V16	340～1015	0.098～0.88	646	610× 880
M1V18	370～1240	0.098～0.88	722	680× 990
M1V20	485～1395	0.15 ～0.79	808	760×1110
M1V22	650～1535	0.15 ～0.79	892	840×1170
M1V24	625～1665	0.15 ～0.79	970	910×1300
M1V28	955～2435	0.15 ～0.88	1140	1060×1500

PLATE FAN

ISO9001 Certification Acquisition

Plate fans
(Low Pressure type)

Plate fans
(Middle Pressure type)

Plate fans (Low Pressure type)

Model	Air flow (m^3/min)	Static pressure (kPa)	Inlet opening (ϕ: mm)	Outlet opening (V×H: mm)
P1V08	15～ 65	0.2～1.8	240	□200
P1V10	20～100	0.2～1.6	300	□250
P1V12	30～140	0.4～2.0	360	□300
P1V14	50～200	0.4～1.7	420	□350
P1V16	70～300	0.6～2.5	475	□400
P1V18	100～370	0.6～2.2	600	600×365
P1V20	140～480	0.6～2.5	660	670×410
P1V22	150～540	0.6～2.4	750	730×450
P1V24	170～700	0.6～2.5	810	800×490
P1V28	170～980	0.6～2.7	940	930×570
Plate fans (Middle Pressure type)				
GP-20	24～ 57	1.47～3.68	212	224×140
GP-25	36～ 77	1.72～4.41	236	250×160
GP-30	44～101	1.96～4.91	265	280×180
GP-35	68～124	2.21～4.91	300	315×200
GP-40	76～168	2.45～5.40	335	355×224
GP-45	100～209	2.94～5.40	375	400×250
GP-50	132～265	3.19～5.64	425	450×280
GP-55	196～344	3.19～5.89	475	500×315
GP-60	240～412	3.19～5.64	530	560×355
GP-70	300～512	3.19～5.64	600	630×400

Group 4 FANS & BLOWERS

AXIAL FLOW FAN

ISO9001 Certification Acquisition

AV type

A type

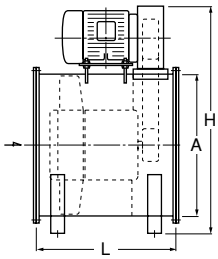
MIXED FLOW FAN

ISO9001 Certification Acquisition

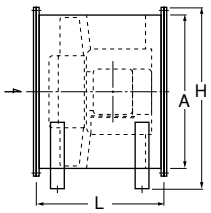
MFTV type

Axial flow fans

	Model	Casing dia (A: mm)	Casing length (L: mm)	Height (H: mm)	Air flow (m³/min)	Static pressure (kPa)
Belt type	AV-3K	300	450	(560)	32～47	0.049～0.098
	AV-4K	400	530	(720)	73～119	0.049～0.29
	AV-5K	500	560	(850)	112～196	0.049～0.39
	AV-6K	600	600	(970)	175～330	0.049～0.59
	AV-7K	700	710	(1250)	277～488	0.098～0.59
	AV-8K	800	750	(1350)	355～685	0.098～0.69
	AV-9K	900	900	(1510)	420～920	0.098～0.79
	AV-10K	1000	1000	(1640)	605～1120	0.098～0.79
	AV-11K	1100	1180	(1750)	725～1365	0.049～0.79
	AV-12.5K	1250	1320	(1990)	840～1800	0.049～0.88
	AV-14K	1400	1500	(2160)	1160～2250	0.049～0.79



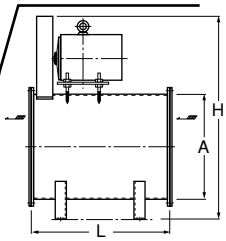
Direct connection type	A-3K	300	355	377	35～51.5	0.049～0.098
	A-4K	400	375	484	57～72	0.049～0.098
	A-5K	500	475	605	117～149	0.049～0.20
	A-6K	600	530	695	180～254	0.049～0.29
	A-7K	700	600	847	285～428	0.20～0.59
	A-8K	800	800	953	445～645	0.20～0.79
	A-9K	900	800	1063	395～590	0.098～0.39
	A-10K	1000	850	1183	515～830	0.20～0.49
	A-11K	1100	950	1309.5	700～1165	0.20～0.69
	A-12.5K	1250	1060	1474.5	1090～1960	0.20～0.88
	A-14K	1400	1120	1659.5	1220～1800	0.20～0.59



Belt type	ACT-5	500	530	520	61～130	0.049～0.29
	ACT-6	600	600	630	86～203	0.049～0.39
	ACT-7	700	670	740	60～258	0.098～0.49
	ACT-8	800	770	850	133～373	0.20～0.59

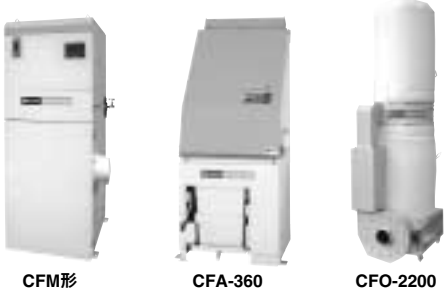
Mixed flow fans

Belt type	MFTV-4	400	550	(790)	9.5～75.5	0.098～1.18
	MFTV-5	500	620	(940)	13～127	0.098～1.37
	MFTV-6	600	765	(1060)	10～198	0.29～1.96
	MFTV-7	700	910	(1210)	16～308	0.29～1.96
	MFTV-8	800	1000	(1315)	22～392	0.29～1.96



Group 5 DUST COLLECTOR

CFA-110 CFA-215C/T CFA-220 CFA-240



CFM形 CFA-360 CFO-2200

Dust collector

Model	Out put (kW)	Air flow (m³/min)	Static pressure (kPa)	filter surface area (m²)	Approx Weight (kg)	Main part size W×L×H (mm)	Shaking method
CFA-110	0.2	4.0	※0.8／1.18	0.8	25	405× 380× 570	Nothing
CFA-215C/T	0.4	6.0	1.96	1.5	※47／44	452× 492× 744	Manual
CFA-220	0.75	10	2.26	2	55	452× 492× 744	
CFA-240	1.5	20	2.55	4	135	681× 636×1228	
CFA-360	1.5	20	2.10	6	200	750× 750×1800	
CFO-2200	2.2	※28／35	※1.08／1.57	4	90	630× 987×2600	Nothing
CFC-10	1.5	15	※1.95／2.2	8	195	1060× 600×2155	Manual
CFC-20	2.2	20	※1.95／2.2	8	200	1060× 600×2155	
CFC-30	3.7	34	※1.95／2.35	16	280	1610× 715×2590	
CFM-10N	1.5	20	2.45	10.8	165	700× 695×1800	Micro-computer pulse
CFM-20N	2.2	30	2.45	16.2	210	700× 895×1800	
CFM-30N	3.7	40	2.45	21.6	260	900× 895×1850	
CFM-40N	5.5	60	2.45	32.4	450	1300× 985×1980	
CFE-20N	2.2	30	2.45	10	220	896× 751×2275	Manual
CFE-30N	3.7	40	2.45	12.5	270	896× 916×2275	
CFE-40N	5.5	60	2.45	21	390	1220×1075×2415	

※ 50Hz／60Hz