Catalog No.W-02-09E
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Comprehensive Catalog of Environmental Equipment

PROPOSALS FOR CREATING A PLEASANT WORKPLACE ENVIRONMENT

Dustresa

For collecting dust generated by production equipment



PAGE 9-10

MISTRESA

For collecting mist generated by machine tools



PAGE 2-8

Ventiresa

Push-pull type ventilation system

PAGE 13

Windracer

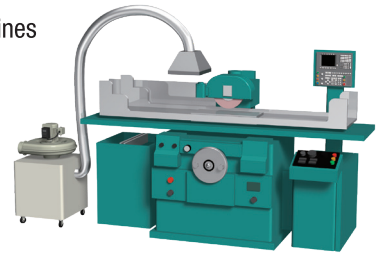
For distributing stable air flow long distances and even temperatures

PAGE 13

Others

Grindresa

Mist & Dust Collector for Grinding / Polishing Machines



PAGE 5

Workresa

Working table with Dust collectors



Hand tools processing





PAGE 11

Fumeresa



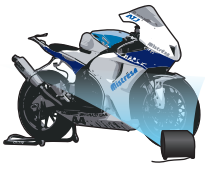
Fume collection during laser marking

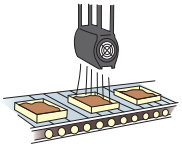


Fume collection during welding

PAGE 12

WINDBAG™







All-purpose for blowing, cooling and drying

PAGE 13

CHOOSE THE RIGHT MODEL FOR YOUR APPLICATION

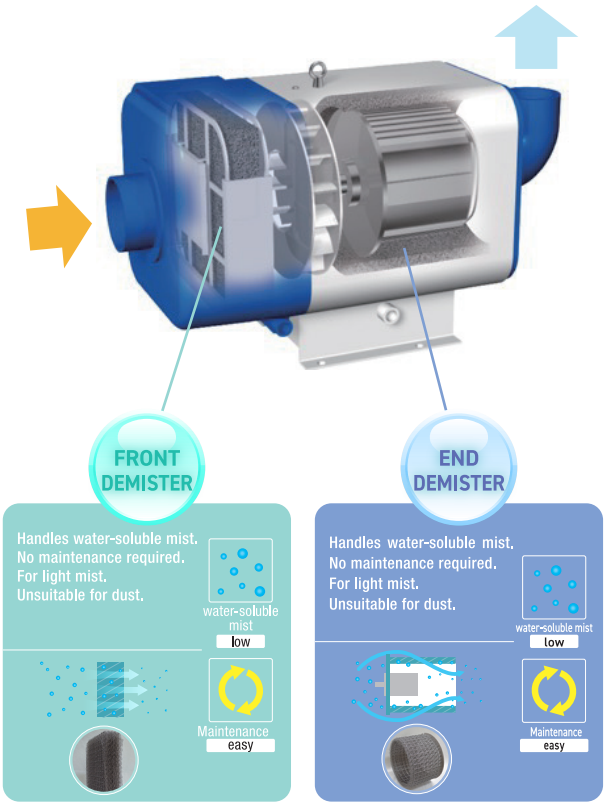
CRM - H04 F
① ② ③

① Series : CRM (Standard type) , CRMH (High temperature mist type (up to 80℃)
② Output : H02(0.2kW), H04(0.4kW), H07(0.75kW), H15(1.5kW), H22(2.2kW)
③ Internal structure : F(Filter type), D(Demister type)

WATER-SOLUBLE MIST

D type (Demister type)

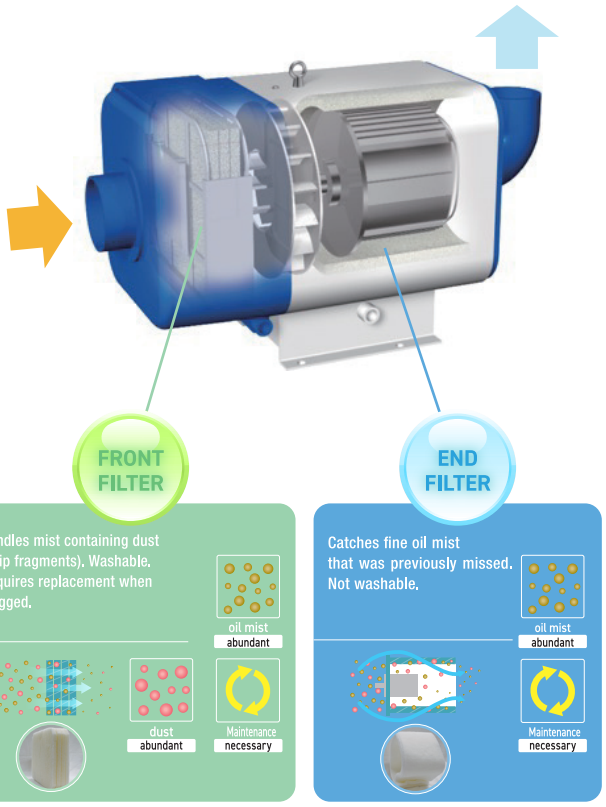
Ex : CRM-H□□D



OIL MIST

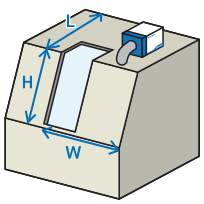
F type (Filter type)

Ex : CRM-H□□F



CHOOSE BY WORKING CHAMBER VOLUME

If the mist source is covered



Working chamber volume (m^3)
= W × L × H

Airflow volume (m^3/min)
= Working chamber volume × test coefficient*1

W: Working chamber width (m)
L: Working chamber length (m)
H: Working chamber height (m)

*1 Test coefficient
If door is open at least 15 sec. after work is complete: 4
If door is open at least 10 sec. after work is complete: 6
If door is open in less than 10 sec. after work is complete: 8

Contact us for more information if the mist source is exposed.

For more details
https://www.sdg-eng.com



Choose between a filter (F type) or a demister (D type) option based on your usage environment.

SPECIFICATION

Model CRM-H□□□		Output (kW)	Power Supply*	Frequency(Hz) Current(A)	50Hz Max. Airflow (m^3/min)	50Hz Max. Static Pressure (kPa)	60Hz Max. Airflow (m^3/min)	60Hz Max. Static Pressure (kPa)	Collection Efficiency (%)	Max. Intake Temperature (℃)	Noise (dB(A)) 50/60Hz	Approx. Weight (kg)
CRM-H02	D	0.2	Three Phase 50Hz : 200V 60Hz : 200V/ 220V	50/60/60 1.6/1.3/1.3	5.4	0.55	6.2	0.8	99.2	50	64/67	27
	F				4.3	0.5	5.1	0.7	99.8		57/62	
CRM-H04	D	0.4		50/60/60 2.0/2.0/2.0	6	0.75	7	1.1	99.2		68/72	33
	F				4.6	0.7	5.6	1	99.8		63/67	
CRM-H07	D	0.75		50/60/60 3.0/3.3/3.3	10	1.1	12	1.6	99.2		73/78	43
	F				7.6	1.05	9.2	1.5	99.8		69/76	
CRM-H15	D	1.5		50/60/60 6.9/7.0/7.0	18	1.6	21.5	2.3	99.2		81/83	67
	F				14.5	1.5	17.5	2.15	99.8		74/77	
CRM-H22	D	2.2		50/60/60 10.2/10.4/10.4	24.5	1.7	28.5	2.4	99.2		83/86	78
	F				18	1.55	21	2.25	99.8		76/79	

* Can change to another voltage; up to 480 V 50/60 Hz

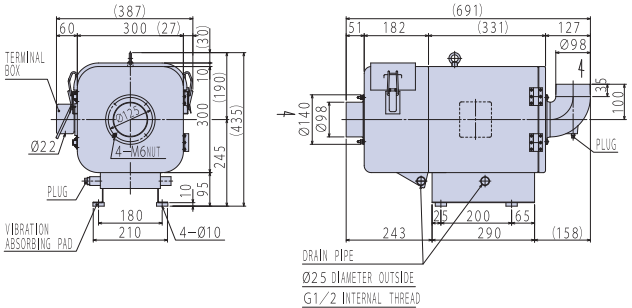
CONSUMABLE PARTS LIST

Mistresa Model	Compatible Type	Compatible Model
CRM-H02D CRM-H04D	Front Demister	3KFD-H04S
	End Demister	3KED-H04D
CRM-H07D	Front Demister	3KFD-H07S
	End Demister	3KED-H07D
CRM-H15D	Front Demister	3KFD-H15S
	End Demister	3KED-H15D
CRM-H22D	Front Demister	3KFD-H22S
	End Demister	3KED-H22D

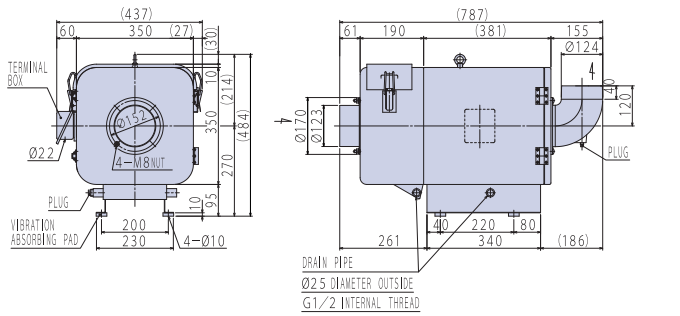
Mistresa Model	Compatible Type	Compatible Model
CRM-H02F CRM-H04F	Front Filter set	3KFF-H04S
	End Filter	3KEF-H04F
CRM-H07F	Front Filter set	3KFF-H07S
	End Filter	3KEF-H07F
CRM-H15F	Front Filter set	3KFF-H15S
	End Filter	3KEF-H15F
CRM-H22F	Front Filter set	3KFF-H22S
	End Filter	3KEF-H22F

OUTLINE DRAWING

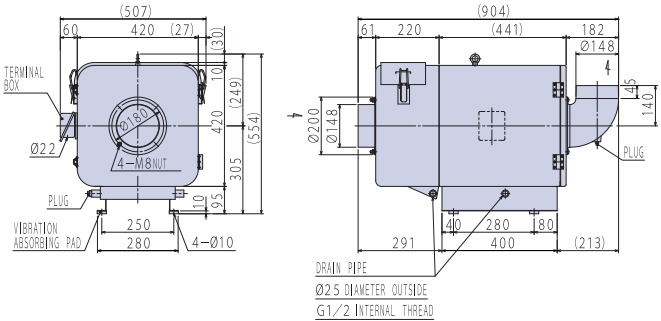
CRM-H02□ CRM-H04□



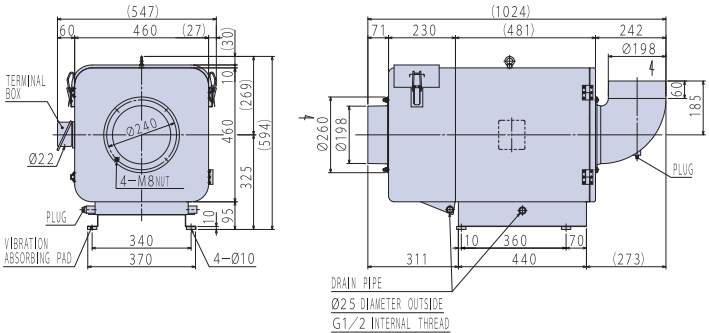
CRM-H07□



CRM-H15□



CRM-H22□





Choose between a filter (F type) or a demister (D type) option based on your usage environment.

SPECIFICATION

Model CRMH-H□□□		Output (kW)	Power Supply*	Frequency(Hz) Current(A)	50Hz		60Hz		Collection Efficiency (%)	Max. Intake Temperature (℃)	Noise (dB(A)) 50/60Hz	Approx. Weight (kg)
					Max. Airflow (m^3/min)	Max. Static Pressure (kPa)	Max. Airflow (m^3/min)	Max. Static Pressure (kPa)				
CRMH-H04	D	0.4	Three Phase 50Hz : 200V 60Hz : 200V/ 220V	50/60/60 2.0/2.0/2.0	6	0.75	7	1.1	99.2	80	68/72	33
	F				4.6	0.7	5.6	1	99.8		63/67	
CRMH-H07	D	0.75		50/60/60 3.0/3.3/3.3	10	1.1	12	1.6	99.2		73/78	43
	F				7.6	1.05	9.2	1.5	99.8		69/76	
CRMH-H15	D	1.5		50/60/60 6.9/7.0/7.0	18	1.6	21.5	2.3	99.2		81/83	67
	F				14.5	1.5	17.5	2.15	99.8		74/77	
CRMH-H22	D	2.2		50/60/60 10.2/10.4/10.4	24.5	1.7	28.5	2.4	99.2		83/86	78
	F				18	1.55	21	2.25	99.8		76/79	

* Can change to another voltage; up to 480 V 50/60 Hz

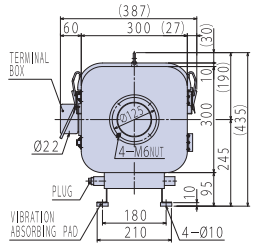
CONSUMABLE PARTS LIST

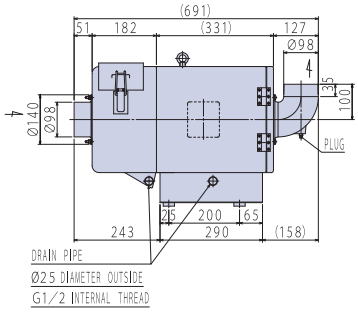
Mistresa Model	Compatible Type	Compatible Model
CRMH-H04D	Front Demister	3KFD-H04S
	End Demister	3KED-H04D
CRMH-H07D	Front Demister	3KFD-H07S
	End Demister	3KED-H07D
CRMH-H15D	Front Demister	3KFD-H15S
	End Demister	3KED-H15D
CRMH-H22D	Front Demister	3KFD-H22S
	End Demister	3KED-H22D

Mistresa Model	Compatible Type	Compatible Model
CRMH-H04F	Front Filter set	3KFF-H04S
	End Filter	3KEF-H04F
CRMH-H07F	Front Filter set	3KFF-H07S
	End Filter	3KEF-H07F
CRMH-H15F	Front Filter set	3KFF-H15S
	End Filter	3KEF-H15F
CRMH-H22F	Front Filter set	3KFF-H22S
	End Filter	3KEF-H22F

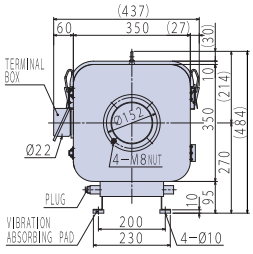
OUTLINE DRAWING

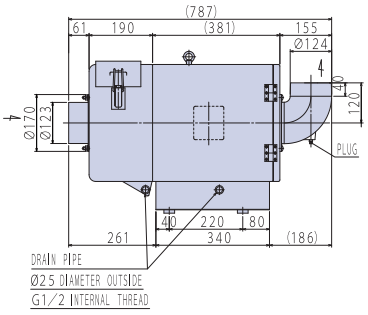
CRMH-H04□



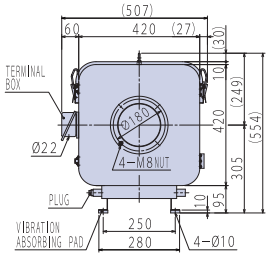


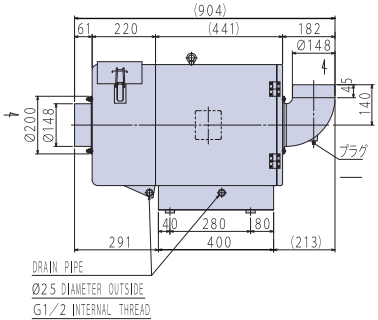
CRMH-H07□



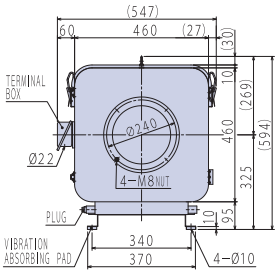


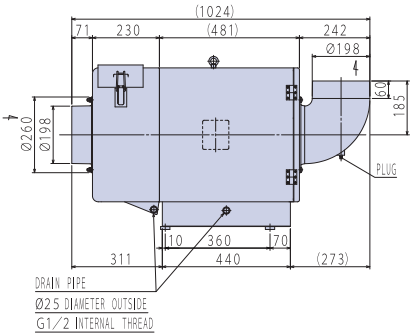
CRMH-H15□





CRMH-H22□





MISTRESA CRH EXPLOSION-PROOF TYPE MOTOR



*Explosion-proof japanese regulation only

PARTS WASHER



SPECIFICATION

Model	Output (kW)	Power Supply*	Frequency(Hz) Current(A)	50Hz		60Hz		Collection Efficiency (%)	Max. Intake Temperature (°C)	Noise (dB(A)) 50/60Hz	Approx. Weight (kg)
				Max.Airflow (m^3/min)	Max.Static Pressure (kPa)	Max.Airflow (m^3/min)	Max.Static Pressure (kPa)				
CRH-100E	0.2	Three Phase 50Hz 200V 60Hz 200V/220V	50/60/60 1.2/1.1/1.0	2.1	0.3	2.4	0.42	99.4	80	56/60	13
CRH-200E	0.2		50/60/60 1.2/1.1/1.0	2.7	0.5	3.2	0.73	99.4	80	59/63	20
CRH-04E	0.4		50/60/60 2.0/1.8/1.7	4.8	0.82	5.7	1.18	99.4	80	58/64	26
CRH-07E	0.75		50/60/60 3.3/3.1/2.8	7.6	1.05	9.2	1.48	99.4	80	63/66	37
CRH-15E	1.5		50/60/60 6.2/5.8/5.4	13.6	1.47	16	2.08	99.4	80	68/72	57

* Can change to another voltage; up to 480 V 50/60 Hz

CONSUMABLE PARTS LIST

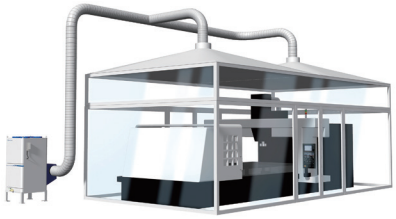
Mistresa Model	Compatible Type	Compatible Model
CRH-100E	Primary Filter	3K1-170A
	Secondary Filter	3K2-130B
	Tertiary Filter	3K3-715A
	End Filter	3K4-180A
CRH-200E	Primary Filter	3K1-170A
	Secondary Filter	3K2-133A
	Tertiary Filter	3K3-270A
	End Filter	3K4-240A

Mistresa Model	Compatible Type	Compatible Model
CRH-04E	Primary & Secondary Filter Set	3K12-300R
	End Filter	3K4-240A
CRH-07E	Primary & Secondary Filter Set	3K12-350R
	End Filter	3K4-315A
CRH-15E	Primary & Secondary Filter Set	3K12-420R
	End Filter	3K4-400A

MISTRESA CRL LARGE AIR VOLUME



MACHINING CENTER



SPECIFICATION

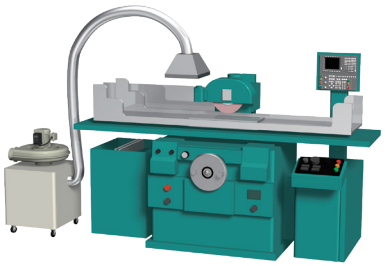
Model	Output (kW)	Power Supply	Frequency(Hz) Current(A)	50Hz		60Hz		Collection Efficiency (%)	Max. Intake Temperature (°C)	Noise (dB(A)) 50/60Hz	Approx. Weight (kg)
				Max.Airflow (m^3/min)	Max.Static Pressure (kPa)	Max.Airflow (m^3/min)	Max.Static Pressure (kPa)				
CRL-H22	2.2	* Three Phase 50Hz 200V 60Hz 200V/220V	50/60/60 8.5/9.2/8.4	30	1.8	30	1.8	98	40	69	174

* Can change to another voltage; up to 480 V 50/60 Hz

Grindresa GRM MIST/DUST COLLECTOR FOR GRINDING MACHINES

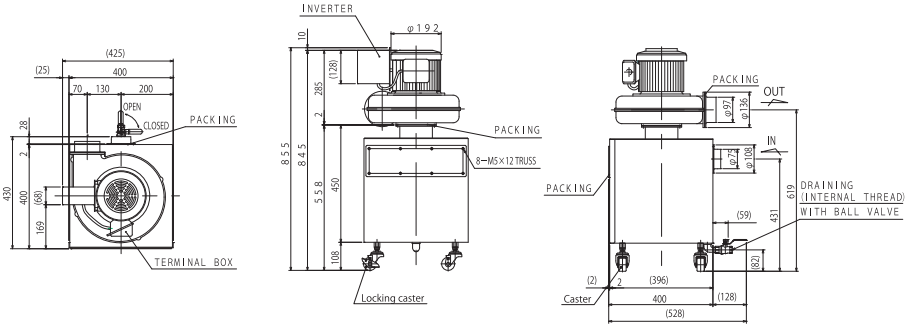


GRINDING MACHINES



SPECIFICATION

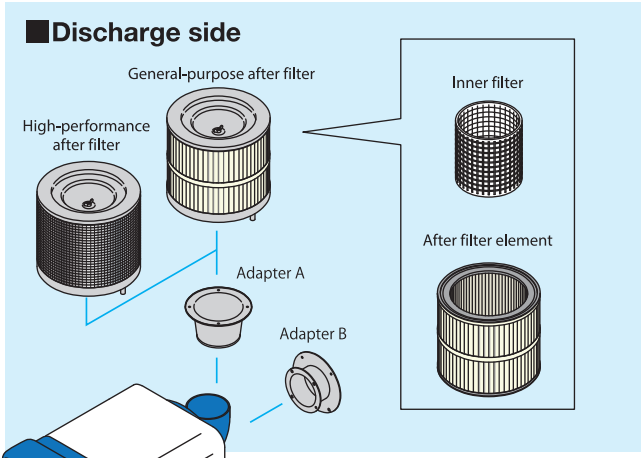
Model	Suction flange External diameter (mm)	Phase	Poles (P)	Output (kW)	Current (A)	50Hz		60Hz		Max. air Intake Temperature (°C)	Noise (dB (A))	Dust Collection Capacity (L)	Approx. Weight (kg)
						Max. Airflow (m^3/min)	Max. Static Pressure (kPa)	Max. Airflow (m^3/min)	Max. Static Pressure (kPa)				
GRM-H04T	ϕ75	Three	2	0.4	2.3/2.3/2.1	8.3	1.25	9.8	1.75	40	71	11.8	37



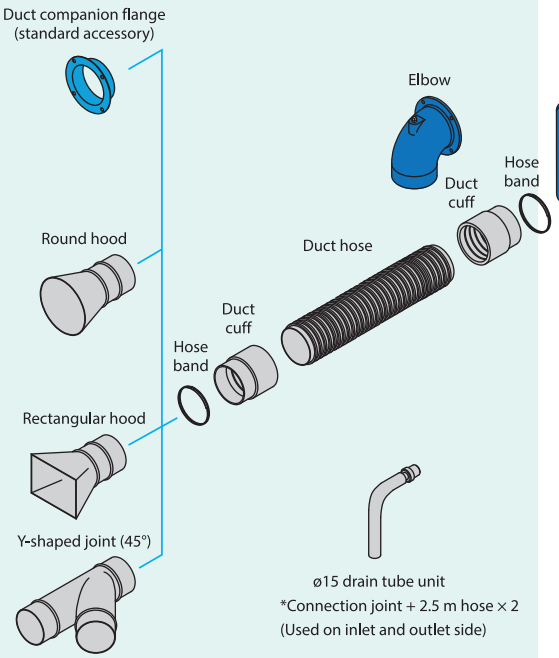
STANDARD OPTION PARTS

For more details

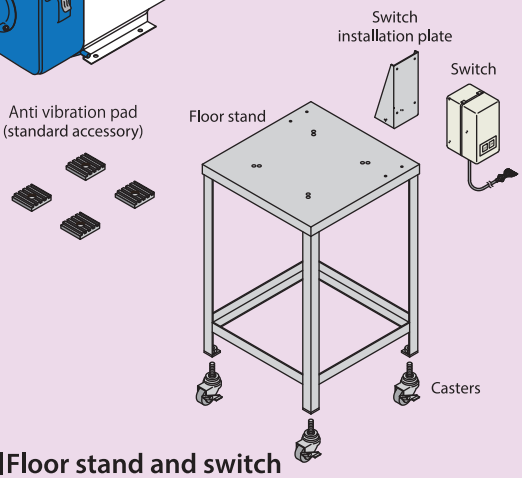
■Discharge side



■Intake side

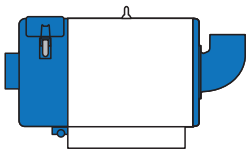


■Floor stand and switch

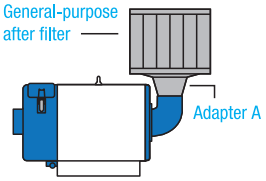


CAN BE COMBINED WITH EFFECTIVE AFTER-FILTER AND OTHER OPTIONS.

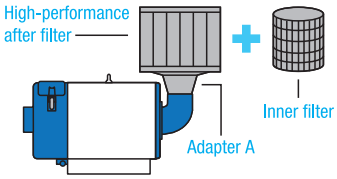
1 In standard configuration



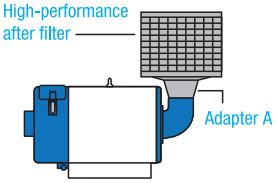
2 When there is a lot of water-soluble/oil mist



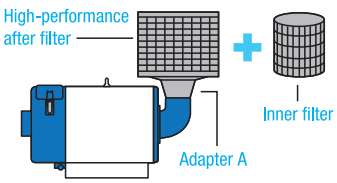
3 When there is more water-soluble/oil mist than in case **2** and there is leakage from the after filter



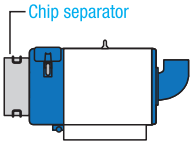
4 When soot is generated



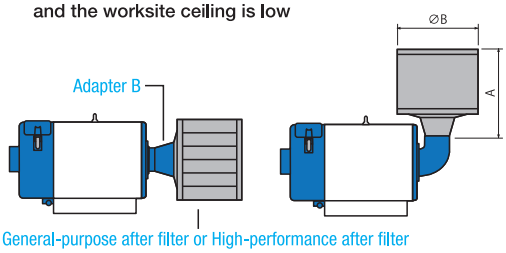
5 When soot is generated in large quantities



6 When the collected mist includes large quantities of dust or chip fragments



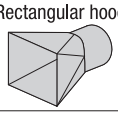
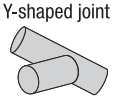
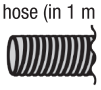
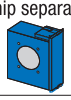
7 When there is a lot of water-soluble or oil mist, and the worksite ceiling is low



※ When using an after filter, we recommend the Mist Collector filter type (CRM-F).

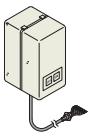
Model	3AF-10A/E	3AF-20A/E	3AF-30A	3AF-30E	3AF-40E	3AF-41E
A	345	475	635	610	515	625
ØB	360	360	360	360	400	400

OPTION PARTS TABLE (Applicable modes indicated by "●")

Option Parts	Detail	Product Code	Model	CRM·CRMH					CRH				
				H02	H04	H07	H15	H22	100T/E	200T/E	04E	07E	15E
Rectangular hood 	Attaches to the end of the duct hose to efficiently suction mist, etc.	10002631	3S-100	●	●				●	●	●		
		10002632	3S-125			●						●	
		10002633	3S-150				●						●
		10003699	3S-200					●					
Round hood 		10002646	3R-100	●	●				●	●	●		
		10002647	3R-125			●						●	
		10002648	3R-150				●						●
		10003700	3R-200					●					
Y-shaped joint 	Use when suctioning from two locations.	10002640	3Y-100	●	●				●	●	●		
		10002641	3Y-125			●						●	
		10002642	3Y-150				●						●
		10003701	3Y-200					●					
Elbow*1 	Attach on the Mistresa or machine tool side to connect the duct hose.	10002643	3E-100	●	●				●	●	●		
		10002644	3E-125			●						●	
		10002645	3E-150				●						●
		10003703	3E-200					●					
Duct mounting flange*1 	Attach on the Mistresa or machine tool side to connect the duct hose.	10013028	3T-100C	●	●				●	●	●		
		10013029	3T-125F			●						●	
		10013030	3T-150F				●						●
		10013031	3T-200C					●					
Duct hose (in 1 m units)  Please contact us for lengths exceeding 1 meter.	Use for water-soluble mist with low oil content.	61600300	3DH-100P	●	●				●	●	●		
		61600305	3DH-125P			●						●	
		61600310	3DH-150P				●						●
		61600315	3DH-200P					●					
Oil-resistant duct hose (in 1 m units)  Please contact us for lengths exceeding 1 meter.	Use for oil mist, or any gases with high oil content. Reduces hardening caused by oil.	61600320	3DHT-100P	●	●				●	●	●		
		61600325	3DHT-125P			●						●	
		61600330	3DHT-150P				●						●
		61600335	3DHT-200P					●					
Duct cuff*2 	Installing dust cuffs on duct hoses helps to reduce oil leaks.	63540017	3DC-100P	●	●				●	●	●		
		63540018	3DC-125P			●						●	
		63540019	3DC-150P				●						●
		63540020	3DC-200P					●					
Hose band 	Tightens and secures duct hoses and duct cuffs.	92170083	3HB-100P	●	●				●	●	●		
		92170092	3HB-125P-1			●						●	
		92170085	3HB-150P				●						●
		92170086	3HB-200P					●					
Chip separator 	Use when there are a lot of chips present.	10002623	3CS-100	●	●				●	●	●		
		10002624	3CS-125			●						●	
		10002625	3CS-150				●						●
General-purpose after filter*3 	Use for thick mist or oil mist. Requires a separately available adapter.	10003619	3AF-10A	●	●				●	●	●		
		10003606	3AF-20A			●						●	
		10003608	3AF-30A				●						●
High-performance after filter*3*4 	Use for oil mist or soot. Requires a separately available adapter.	10007330	3AF-10E	●	●				●	●	●		
		10007331	3AF-20E			●						●	
		10007332	3AF-30E				●						●
		10007333	3AF-40E				●						●
		10007340	3AF-41E					●					

*1 The elbow comes with a gasket. The duct mounting flange and adapter B come with a gasket and bolts. Standard color: blue. Please contact us if white color is required.
*2 Use a bonding agent or liquid packing to prevent oil leakage in the threaded sections of the duct hose and duct cuff.
*3 3AD adapter required when using a 3AF after filter. (The 3AF-41E installs directly on the discharge port elbow, so the 3AD adapter is not required.)
*4 Use 3EF-40E for the 3AF-40E and 3AF-41E replacement filter element. 3AF-40E is a longer-lasting type with a larger filter area than 3AF-30E.
*5 Inner filters cannot be used on their own. Use the inner filter compatible with the after filter that you are using.
3IF-30A is for 3AF-30A, 3IF-30C is for 3AF-30E, 3IF-40S is for 3AF-40E, and 3IF-40 is for 3AF-41E.
*6 The CRH-E type uses a safety-enhancing explosion proof motor, but the switch is not an explosion-proof type.
3SW-020-S is designed for CRH models and does not include a thermal sensor cable.

OPTION PARTS TABLE (Applicable modes indicated by "●")

Option Parts	Detail	Product Code	Model	CRM·CRMH					CRH				
				H02	H04	H07	H15	H22	100T/E	200T/E	04E	07E	15E
Inner filter*5 	Install inside the after filter to extend the life of the after filter.	10003677	3IF-10	●	●				●	●	●		
		10003678	3IF-20			●						●	
		10003679	3IF-30A				●						●
		10003680	3IF-30C				●						●
		10006560	3IF-40S				●						●
		10003681	3IF-40					●					
Adapter A 	Adapter for installing an after filter. (When there is an elbow)	10002603	3AD-100	●	●				●	●	●		
		10002604	3AD-125			●						●	
		10002605	3AD-150				●						●
Adapter B*1 	Adapter for installing after filter. (When there is no elbow)	10012707	3AD-100V	●	●				–				
		10012708	3AD-125V			●							
		10012709	3AD-150V				●						
		10012710	3AD-200V					●					
General-purpose after filter element 	A replacement filter.	10003633	3FE-10A	●	●				●	●	●		
		10003635	3FE-20A			●						●	
		10003637	3FE-30A				●						●
High-performance after filter element*4 	A replacement filter.	10007336	3FE-10E	●	●				●	●	●		
		10007337	3FE-20E			●						●	
		10007338	3FE-30E				●						●
		10007339	3FE-40E				●	●					●
Replacement filter for inner filter*5 	A replacement filter.	10003683	3IFK-10	●	●				●	●	●		
		10003684	3IFK-20			●						●	
		10003685	3IFK-30A				●						●
		10003686	3IFK-30C				●						●
		10006561	3IFK-40S				●						●
		10003687	3IFK-40					●					
Switch (with 3 m cord)*6 	Dedicated switch for Mistresa (built-in thermal relay prevents motor burnout).	10014347	3SW-020-S						●*6	●*6			
		10014348	3SW-020B-S	●									
		10014349	3SW-040-S		●						●*6		
		10014350	3SW-075-S			●						●*6	
		10014351	3SW-150-S				●						●*6
		10014352	3SW-220-S					●					
Switch mounting plate 	Use for installing to a floor stand.	10014353	3TS-2-S	●	●	●	●	●	●	●	●	●	●
Floor stand 	Dedicated stand for Mistresa.	10002612	3BD-2	●	●	●			●	●	●	●	
		10002613	3BD-3				●	●					●
Floor stand casters 	A set of four.	10002943	3CK-50	●	●	●	●	●	●	●	●	●	●
ϕ15 drain tube unit 	Use when connecting a drain tube with an inner diameter of ϕ15 mm.	10012751	3DC-15	●	●	●	●	●	–				



CFA-110



CFA-H215C/T
CFA-H220



CFA-H240



CFA-H410, CFA-H515

CRUSHER



SEMICONDUCTOR MANUFACTURING EQUIPMENT



SPECIFICATION

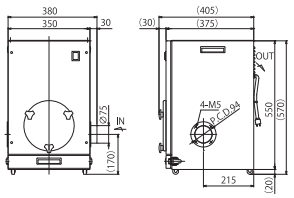
Model	Output (kW-P)	*2 Power Supply	*1 Airflow (m^3/min)	*1 Static Pressure 50/60Hz (kPa)	Filtration Area (m^2)	Dust Collection Box Capacity (ℓ)	Noise Front:1m dB(A)*1 Front:1.5m dB(A)*2	Approx,Weight (kg)
CFA-110	0.2–2	100V, single phase	4	0.8/1.18	0.8	3.1	64*1	25
CFA-H215C	0.4–2	100V, single phase	5	1.76	1.5	6.9	64*1	47(50Hz) 44(60Hz)
CFA-H215T	0.4–2	200V, three phase	5	1.86	1.5	6.9	64*1	49(50Hz) 47(60Hz)
CFA-H220	0.75–2	200V, three phase	8	2.15	2	6.9	65*1	59
CFA-H240	1.5–2	200V, three phase	16	2.45	4	16.9	68*1	135
CFA-H410	2.2–2	200V, three phase	30	2.45	10.6	45	64*1	197
CFA-H515	3.7–2	200V, three phase	40	2.45	14.1	68	67*1	238

*1 The values of volume and static pressure indicate a standard specification point.
*2 Can change to another voltage
single phase; up to 240 V 50/60 Hz
three phase; up to 480 V 50/60 Hz

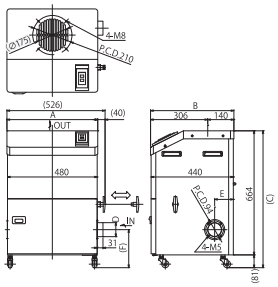
Model	Dimensions(mm)							
	A	B	C	D	E	F	G	H
CFA-H215	486	446	745	75	100	216	-	-
CFA-H220	486	446	745	97	100	211	-	-
CFA-H410	786	680	1462	198	205	740	42	780
CFA-H515	876	750	1612	225	220	750	42	870

OUTLINE DRAWING

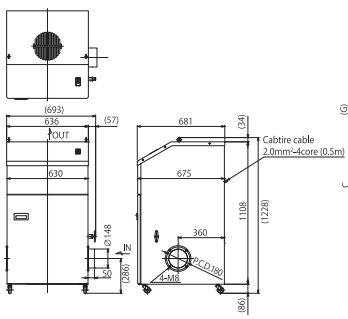
CFA-110



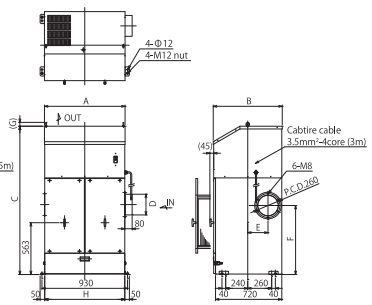
CFA-H215C/T
CFA-H220



CFA-H240



CFA-H410
CFA-H515





ATTACHED TO THE MACHINE



SPECIFICATION

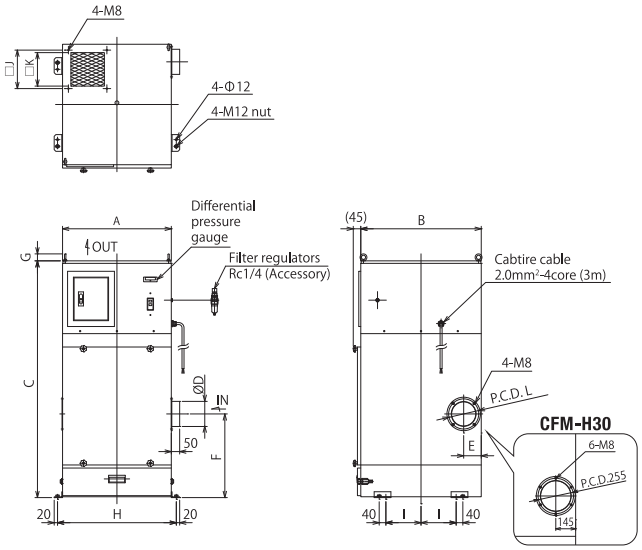
Model	Output (kW-P)	* Power Supply	Airflow (m^3/min)	Static Pressure 50/60Hz (kPa)	Filtration Area (m^2)	Required Air Supply (ℓ/min)	Dust Collection Box Capacity (ℓ)	Noise Front:1m dB(A)*1 Front:1.5m dB(A)*2	Approx, Weight (kg)
CFM-H10	1.5–2	200V, three phase	20	2.06	10.4	40	29	62	180
CFM-H20	2.2–2	200V, three phase	30	2.45	15.6	50	42	68	222
CFM-H30	3.7–2	200V, three phase	40	2.45	23.4	60	32×2	68	286
CFM-H40	5.5–2	200V, three phase	60	2.65	31.2	80	65×2	71	408

* Can change to another voltage; up to 480 V 50/60 Hz

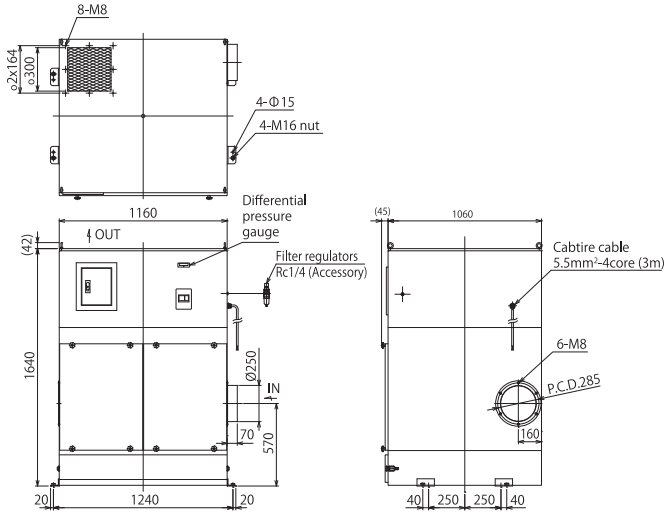
OUTLINE DRAWING

Model	Dimensions(mm)											
	A	B	C	D	E	F	G	H	I	J	K	L
CFM-H10	650	720	1415	150	105	500	42	710	210	230	200	180
CFM-H20	870	720	1410	200	130	500	42	930	210	255	225	230
CFM-H30	870	1000	1495	225	145	500	42	930	250	280	250	-

CFM-H10
CFM-H20
CFM-H30



CFM-H40



INSTALLATION EXAMPLE

AIR BLOW, HAND TOOL, Polishing process, and others



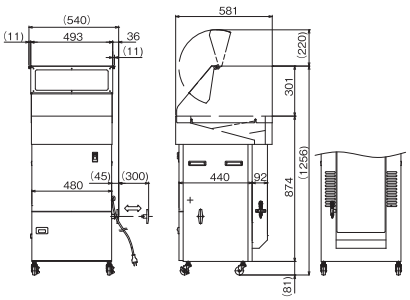
SPECIFICATION

Type	Model	Output (kW-P)	Power Supply	Frequency (Hz)	Air volume (m^3/min)	Wind Velocity (m/s)	Filtration Area (m^2)	Dust Collection Box Capacity (ℓ)	Noise Front 1.0 mdB (A)	Approx. Weight (kg)
Vertical (*2)	WRM-04H (Standard)	0.4-2	220V· Single phase	50/60	—	1.2	1.5	6.7	74	70/68
	WRM-04S (Anti-sparking)									72/70
	WRM-04B (Simple explosion-reduction)									74/72
Desk	WRM-H04S-D	0.4-2	200V· Single phase	50/60	7.5	4.4(*1)	1.5	6.9	68.5(*1)	Desk part:66 Dust Collector part:51

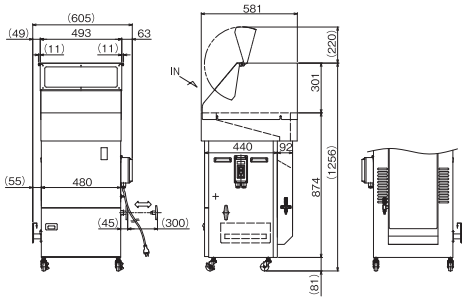
*Please contact us for more information on special specifications such as: foot switch, 3 phase, different plug type, explosion proof, etc.
*1 The values written on the specifications refer to those of the medium size opening.
*2 We cannot manufacture models with both “Simple explosion-reduction” and “anti-sparking” specifications.

OUTLINE DRAWING

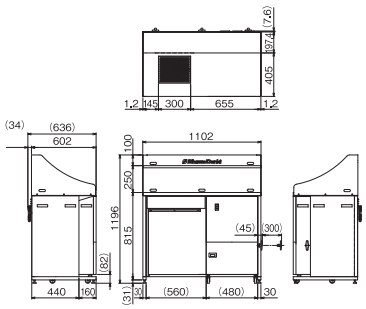
WRM-04H
WRM-04S



WRM-04B



WRM-H04S-D



Fumeresa LASER MARKING FUME COLLECTOR



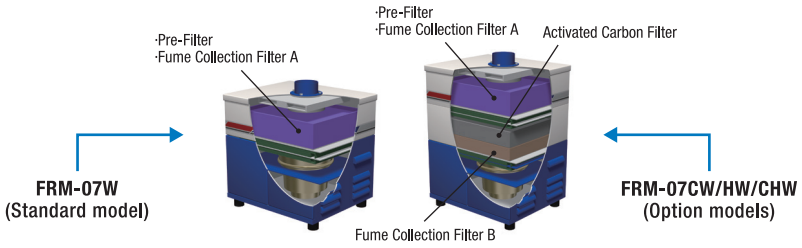
Small type Fumeresa Fume collection during laser marking

SPECIFICATION

Model	Filter Type	Power Supply	Power Consumption (W)	50/60Hz		Maximum Intake Air Temperature (°C)	Suction Phase Flange (mm)	Size(mm)			Weight (kg)
				Max. Airflow (m3/min)	Max. Static Pressure (kPa)			Width	Depth	Height	
FRM-07W <Standard>	Standard (Pre-Filter+ Fume Collection Filter A)	220V Single	980	2.5	17.5	40	Φ63	334	300	353	12
FRM-07CW <Option 1>	Standard+Activated Carbon Filter	220V Single	980	2.5	17.5	40	Φ63	334	300	485	16
FRM-07HW <Option 2>	Standard+Fume Collection Filter B	220V Single	980	2.5	17.5	40	Φ63	334	300	485	15
FRM-07CHW <Option 3>	Standard+Activated Carbon Filter +Fume Collection Filter B	220V Single	980	2.5	17.5	40	Φ63	334	300	485	16

CONSUMABLE PARTS LIST

Compatible Type	Compatible Model	Qty
Standard Filter	3FRF-07-12	1
Activated Carbon Filter	3FRF-07-03	1
Fume Collection Filter B	3FRF-07-04	1



Fumeresa WELDING FUME COLLECTOR



Welding Fumeresa Fume collection during welding operations

SPECIFICATION

Model	Output (kW-P)	Power Supply *1	Max. Airflow (m3/min)	Intake Airflow Speed (m/s)	Noise(dB(A)) *1 50/60Hz	Weight (kg)	Filter
FRM-H15B	1.5kW-2P	3 Phase 50/60Hz 50Hz：200V 60Hz：200V/220V	30	17	79	376	2 Molded Filters (Cellulose)

*1 Can change to another voltage; up to 480 V 50/60 Hz
*2 1 meter from the unit

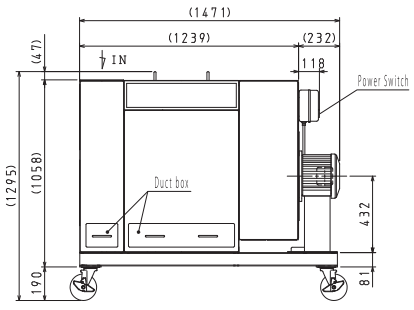
CONSUMABLE PARTS LIST

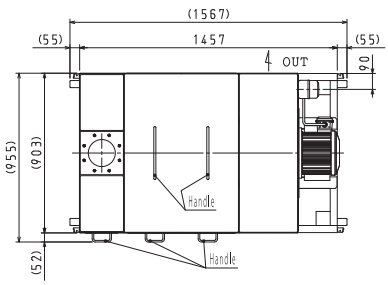
Compatible Type	Compatible Model	Qty
Intake Duct	3FRD-H15B	1
Filter *1	3FRF-H15B	Set of 2

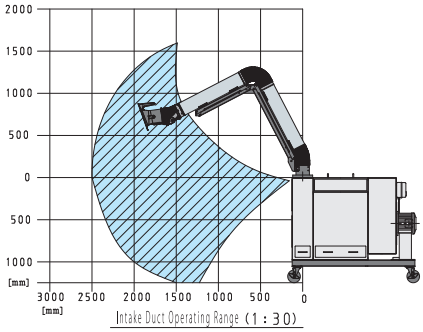
*1 The recommended filter replacement interval is every 6 months to 1 year.
Replacement timing may vary depending on the customer's usage conditions.



OUTLINE DRAWING





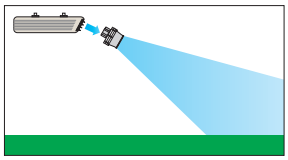


Windracer

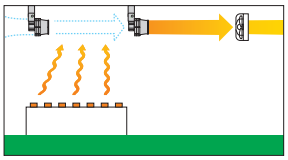
WR-100W
WR-200W



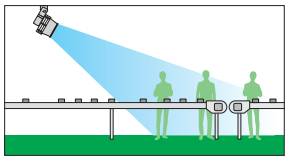
Improving air conditioning and heating efficiency



Inducing movement of hot air / steam

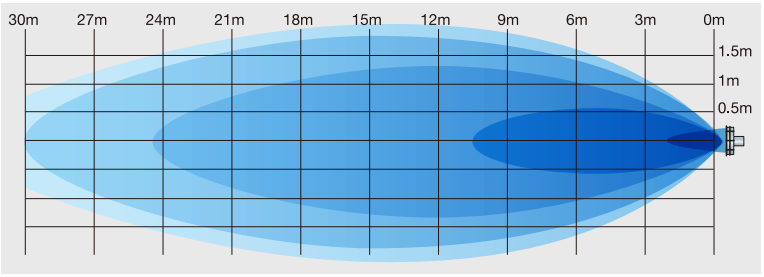


Supply air locally



PURPOSES

1. Improves efficiency of air-conditioning equipment
2. Guides heat and steam
3. Locally supplies air



* Results may differ depending on equipment conditions and surrounding environment.
* Above results show operation at 50 Hz. Add 5-10% for 60 Hz.

SPECIFICATION

Model	Phase	Output (kW)	*Frequency (Hz)	*Voltage (V)	Rated Current (A)	Noise (dB(A))	Blowing Angle (°)	Weight (kg)
WR-100W	Single Phase	0.1	50	220 with plug	1.0	56	35	15
WR-200W		0.2			2.2	66		17

* Can change to another voltage; up to 240 V 50/60 Hz

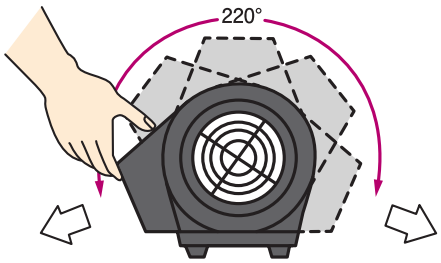
WINDBAG™

WB-02T



FEATURES

1. Powerful wind source
2. Adjustable discharge angle
3. Robust
4. Small and lightweight



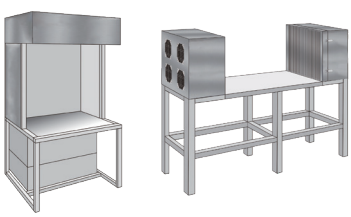
SPECIFICATION

Model	*Power Supply	Output (kW)	*Frequency (Hz)	Current (A)	Maximum Airflow (m^3/min)	Weight (kg)	Cord Length (m)
WB-02T	220V Single phase	0.2	50	1.0	8.5	10	7

* Can change to another voltage; up to 240 V 50/60 Hz

Ventiresa

PUSH-PULL TYPE VENTILATION SYSTEM



Are you assessing for chemical substance risks?

SDG will assist in all from consultations to installations!!

Please contact us for more details.

Website Introduction

Product Site Top page

Corporate Site Top page

"LEOS"
〈Little bit Engineering of SDG〉

Case Studies : Work Environment Improvement

Overseas Distributor List

Find our overseas distributor information here.

Product Showcase Videos on YouTube

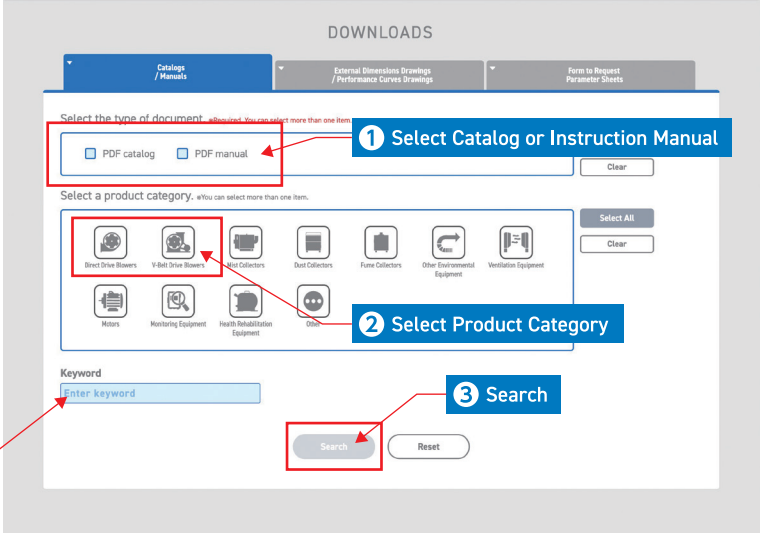
See product introductions, Windracer simulation runs, and other videos.

YouTube

Catalog and Manual Downloads

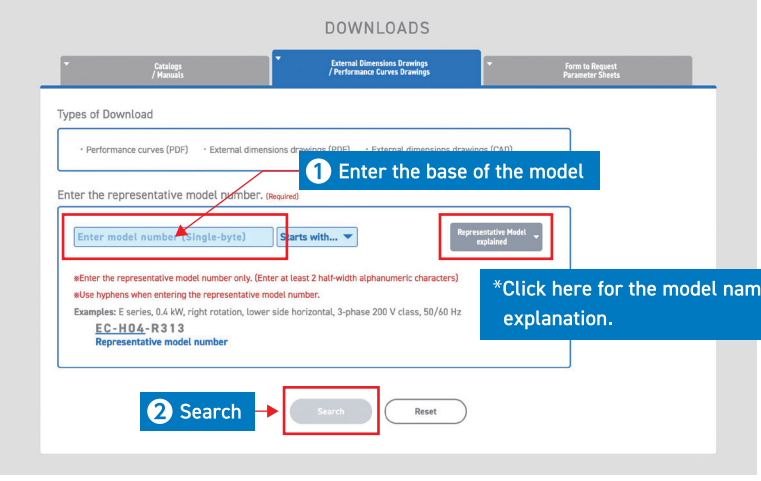
How to Search

If you do not know the exact desired item, enter the base of the model.
Ex: CRM-H04F



Catalog and Manual Downloads

How to Search



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