



High Tech Precision Cooler

Air Condition for Electric Cabinet

Heat Exchanger for Electric Cabinet

Cooler for Biotech Industry

Cooler for Laser Cutting/Engraving Machine

Cooler for Electric Discharge Machine

Water Cooler

High Efficiency Spindle Cooler

Oil Cooler

Freezing Type Dryer

Cold Air Gun System

Taiwan Spinflo Co., Ltd.

www.spinflo.com.tw

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Taiwan Spinflo Co., Ltd. is a leading company specialized in designing and manufacturing innovative coolers that create innovation, improve technology and break tradition always.

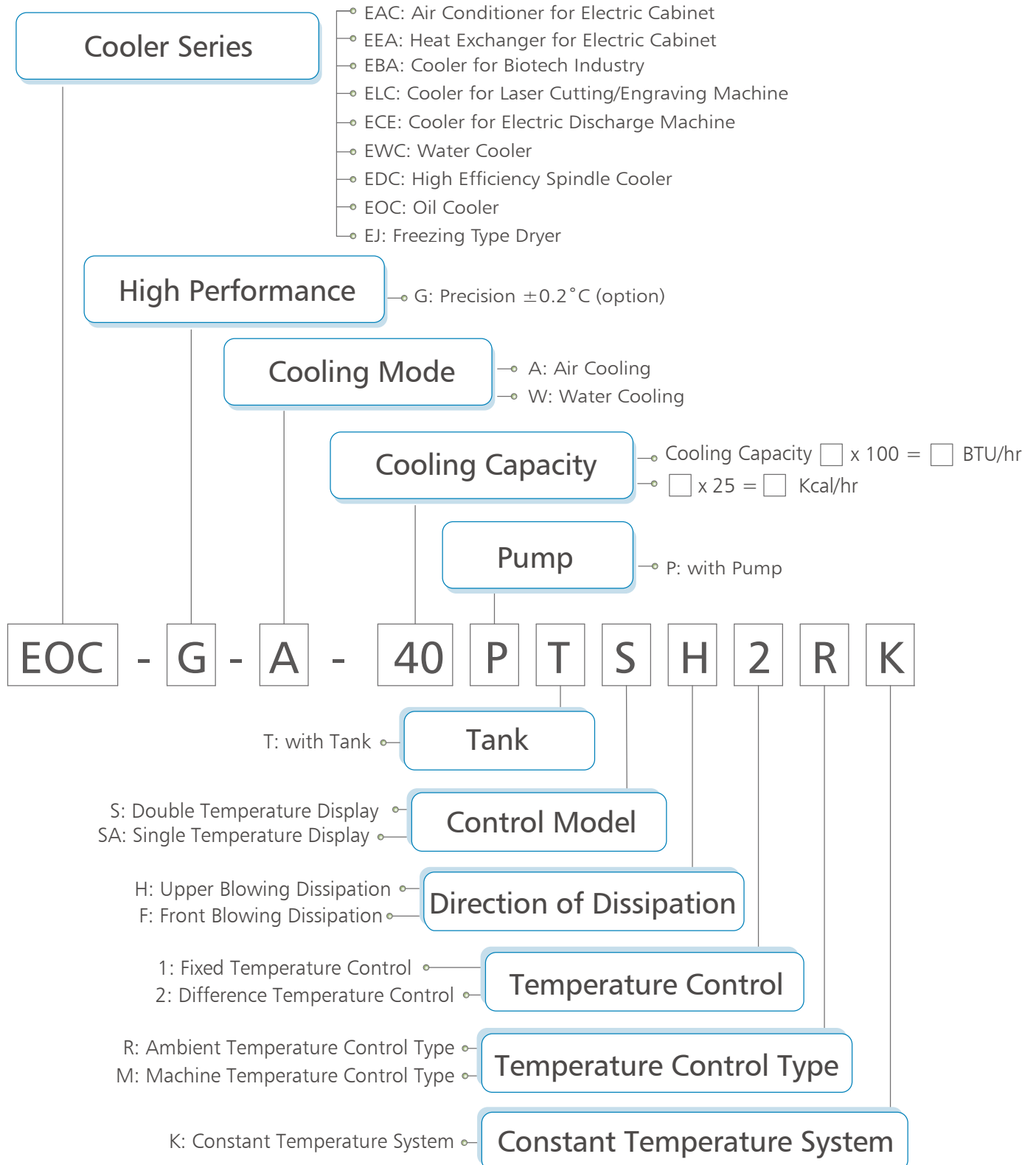
We adopt international quality control system and strict production management process to help in making the most proper and quickest decision and manufacturing the best products in compliance with our customers' requirement fully.

It's our basic concept to offer the best quality through developing, designing, manufacturing, quality control as well as after service. By enhancing our research ability and market study continuously, we upgrade the competitiveness of Taiwan Spinflo and our customers for creating a "win-win" situation.

The professional team of operation, technology, production and global service is the commitment to our customers.

Model Example

example: EOCA-40PTSH2RK



Contact

Company Name					
Contact Person			Position		
Country		Telephone		Fax	
E-mail			Website		
Type of Business	☐ Manufacturer ☐ Trading Company ☐ Agent/Distributor ☐ End user				
Product	☐ CNC Lathe ☐ CNC Machining Center ☐ Boring Machine ☐ Grinding Machine ☐ Forming Machine ☐ EDM ☐ Drilling Machine ☐ Engraving Machine ☐ Press ☐ Other				
Cooler Series Enquired	☐ EAC: Air Conditioner for Electric Cabinet ☐ EEA: Heat Exchanger for Electric Cabinet ☐ EBC: Cooler for Biotech Industry ☐ ELC: Cooler for Laser Cutting/Engraving Machine ☐ ECE: Cooler for Electric Discharge Machine ☐ EWC: Water Cooler ☐ EDC: High Efficiency Spindle Cooler ☐ EOC: Oil Cooler ☐ EJ: Freezing Type Dryer ☐ EGP: Cold Air Gun System				
Comments:					

* Please fill in this form and send it to Taiwan Spinflo Co., Ltd. by fax (+886-4-23392768) or by e-mail (taiwan.spinflo@msa.hinet.net).

Air Conditioner for Electric Cabinet

- EAC series

Application

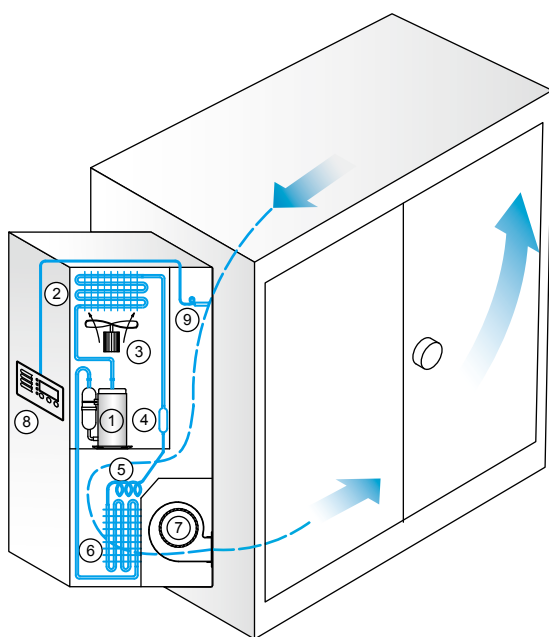
Electric Cabinet for any kind of machine,
Tele-communication Equipment and
Electric Control System

Features

- Prevent the electric cabinet from breaking down caused by the heat of electronic components to reduce the maintenance cost and machine idle time.
- Control the electric cabinet temperature in fixed range to extend the working life of electronic components
- Avoid the intrusion of dust, oil mist and moisture in the electric cabinet by closed design.



The basic circulation diagram of EAC series



1. Compressor
2. Condenser
3. Fan
4. Dryer
5. Expansion Valve
6. Evaporator
7. Fan
8. Control Panel
9. Room temperature sensor

Technical Data

Item \ Model		EAC-20	EAC-40	EAC-60	EAC-80(S)*
Cooling Capacity (50/60 Hz)	KCAL/hr	417/500	833/1000	1250/1500	1667/2000
	W/hr	485/582	969/1163	1454/1745	1939/2326
	BTU/hr	1667/2000	3333/4000	5000/6000	6667/8000
Voltage	Ph/V/Hz	1Ø AC 110V/220V 50/60Hz			
Working Range	°C	18°C ~ 40°C			
Ambient Temperature	°C	40°C ↓			
On-load Current	A	3.0	3.2	5.2	6.8
Refrigerant		R-134a	R-134a	R-134a	R-407C
Overall Dimensions (DxWxH)	mm	220x360x525	220x400x535	280x420x715	280x420x715
Weight	Kg.	28	34	42	62

*(S) - Double Temperature Display - option

Heat Exchang for Electric Cabinet (Wall Mounting Type)

- EEA series

Application

The Electric Cabinet of CNC Machine Tool, Tele-communication System and Electric Control System

Feature

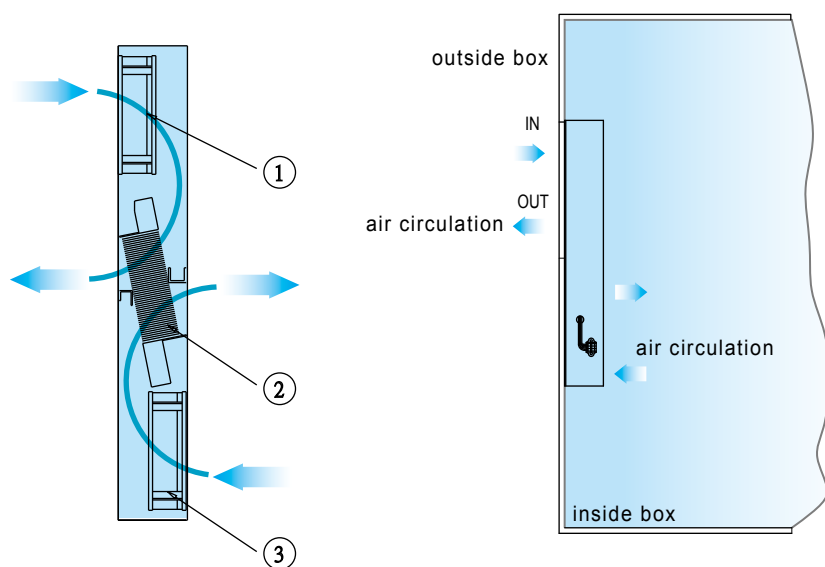
By heat exchange circulatoin to remove the heat in the Electric Cabinet due to long time operation, could reduce the risk of breakdown and improve the stability of electric cabinet, increase productivity.
It's Closed type to isolate the air of internal and ambient.



Technical Data

Item \ Model	
Heat Dissipation Capacity	
Heat Exchange Rate	50/60 Hz
Fan Spec.	Q'ty
	Voltage
	Input Power
Ambient Temp.	
Overall Dimensions (DxWxH)	
Weight	

EEA application system diagram



1. Dissipation Fan
2. Condenser
3. Cooling Fan

unit	EEA-10A(R or F)*	EEA-20A(R or F)*	EEA-50A(R or F)*	EEA-60A(R or F)*	EEA-70A(R or F)*	EEA-100A(R or F)*
W/°C	5	10	25	30	35	40
Kcal/hr	83/100	167/200	417/500	500/600	583/700	833/1000
pc.	1 x 2	1 x 2	1 x 2	1 x 2	1 x 2	2 x 2
Ph/V/Hz	1Ø AC 110V/220V 50/60Hz (1Ø AC 380V 50/60Hz - option)					
W	15 x 2	15 x 2	29 x 2	29 x 2	29 x 2	29 x 4
°C	35°C ↓					
mm	70x250x480	65x250x580	90x295x780	90x340x625	100x297x858	125x417x940
Kg.	5	6	10	10	20	25

* R - Wall Mounting Type, inside of cabinet installed
 * F - Wall Mounting Type, outside of cabinet installed

Cooler for Biotech Industry

- EBC series

Application

- Distillation Process Equipment - cooling circulation system
- Fermentation Tank (desktop type) - cooling Fermentation Tank
- Various Sterilization Equipment - keeping Culture Dish in low temperature
- Biotech Instrument - controlling the temperature of system/equipment
- Agricultural Micro-organism Instrument - controlling the temperature of system/equipment
- Full-automatic Sterilized Fermentation Equipment - keeping Culture Dish in low temperature
 - Keep the distillation system water quality good and water temperature stable
 - Provide optimum temperature for bacterial culturing
 - Cool down biotech instrument circulation system to keep operation stable.

Features

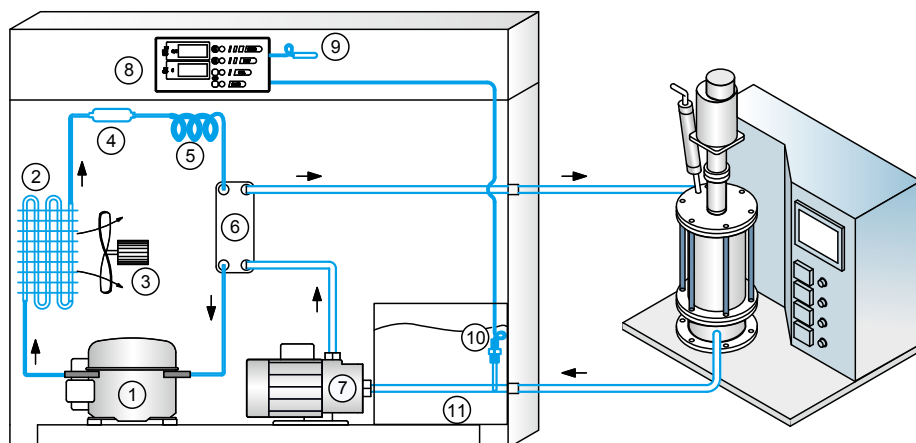
- Digital LED readout for alarm message, easy for troubleshooting
- Water circulation system made of stainless steel can keep good quality of fluid circulation system.

Technical Data

Item \ Model		EBC-20
Cooling Capacity (50/60 Hz)	KCAL/hr	417/500
	W/hr	485/582
	BTU/hr	1667/2000
Voltage	Ph/V/Hz	
Temp. Control	1.	
	2.	
Working Range	Ambient Temp.	
	Water Temp.	
Pump Horse Power	HP	1/3
On-load Current	A	5.0
Pump Flow Rate	50 Hz L/min	17
	60 Hz L/min	20
Tank Volume	L	9
Fluid Connections	IN	3/4" PT
	OUT	3/4" PT
Refrigerant		R-134a
Overall Dimensions (DxWxH)	mm	441x363x554
Weight	Kg.	43
Noise Level	db(A)	70 ↓

Standard: EBCA- □ PTSA 1

The basic circulation diagram of EBC series



1. Compressor
2. Condenser
3. Fan
4. Dryer
5. Expansion Valve
6. Evaporator
7. Pump Motor
8. Control Panel
9. Room Temperature Sensor
10. Coolant Temperature Sensor
11. Tank

EBC-40	EBC-60	EBC-80	EBC-120	EBC-180	EBC-240	EBC-360	EBC-600
833/1000	1250/1500	1667/2000	2500/3000	3750/4500	5000/6000	7500/9000	12500/15000
969/1163	1454/1745	1939/2326	2908/3489	4362/5234	5815/6978	8723/10467	14538/17445
3333/4000	5000/6000	6667/8000	10000/12000	15000/18000	20000/24000	30000/36000	50000/60000
3Ø AC 220V 50/60Hz (3Ø AC 380V 50/60Hz - option)							
Fixed Temp. Control : Set Value Range 10°C~ 40°C							
Tracking Ambient Temp./Machine Body Temp. : Set Value Range -10°C~ +10°C							
10°C ~ 38°C							
10°C ~ 40°C							
1/2	1/2	1/2	3/4	3/4	3/4	1	1
5.6	6.4	7.0	8.0	10.0	15.0	20.5	30.0
17	17	17	17	25	25	33	42
20	20	20	20	30	30	40	50
13	25	25	25	30	30	65	85
3/4" PT	3/4" PT	3/4" PT	3/4" PT	3/4" PT	3/4" PT	1" PT	1" PT
3/4" PT	3/4" PT	3/4" PT	3/4" PT	3/4" PT	3/4" PT	1" PT	1" PT
R-134a	R-134a	R-407C	R-407C	R-407C	R-407C	R-407C	R-407C
446x376x842	489x458x903	489x458x903	489x458x903	570x600x1023	570x600x1023	600x920x1152	700x1100x1252
62	83	85	90	125	130	205	235
70 ↓	70 ↓	70 ↓	70 ↓	70 ↓	70 ↓	76 ↓	76 ↓

Cooler for Laser Cutting/Engraving Machine

- ELC series

Application

- High Power Laser Cutting Machine (1000W to 2500W)
- Low Power Laser Cutting/Engraving Machine (50W to 300W)
 - Cool down the heat from laser head to increase productivity
 - Cool down the tube of laser head and QSW to improve precision

Features

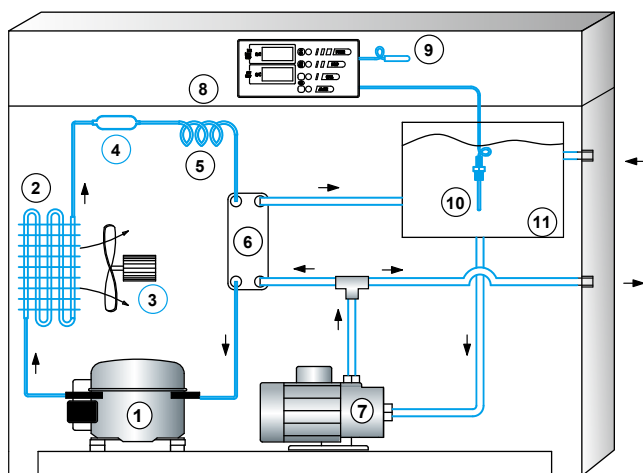
- Digital LED readout for alarm message, easy for troubleshooting.
- Water circulation system made of stainless steel can keep good quality of water for fluid circulation system.
- This series uses high efficiency plate type heat exchanger made of stainless steel to achieve better cooling capability.



Technical Data

Item \ Model		ELC-20	ELC-40	ELC-60	ELC-80
Cooling Capacity (50/60 Hz)	KCAL/hr	417/500	833/1000	1250/1500	1667/2000
	W/hr	485/582	969/1163	1454/1745	1939/2326
	BTU/hr	1667/2000	3333/4000	5000/6000	6667/8000
Voltage	Ph/V/Hz				
Temp. Control	1.				
	2.				
Working Range	Ambient Temp.				
	Water Temp.				
Pump Horse Power	HP	1/3	1/2	1/2	1/2
On-load Current	A	5.0	5.6	6.4	7.0
Pump Flow Rate	50 Hz L/min	17	17	17	17
	60 Hz L/min	20	20	20	20
Tank Volume	L	9	13	25	25
Fluid Connections	IN	3/4" PT	3/4" PT	3/4" PT	3/4" PT
	OUT	3/4" PT	3/4" PT	3/4" PT	3/4" PT
Refrigerant		R-134a	R-134a	R-134a	R-407C
Overall Dimensions (DxWxH)	mm	446x376x842	446x376x842	489x458x903	489x458x903
Weight	Kg.	43	63	84	90
Noise Level	db(A)	70 ↓	70 ↓	70 ↓	70 ↓

The basic circulation diagram of ELC series



1. Compressor
2. Condenser
3. Fan
4. Dryer
5. Expansion Valve
6. Evaporator
7. Pump Motor
8. Control Panel
9. Room Temperature Sensor
10. Coolant Temperature Sensor
11. Tank

ELC-120	ELC-180	ELC-240	ELC-360	ELC-600	ELC-900	ELC-1200
2500/3000	3750/4500	5000/6000	7500/9000	12500/15000	18750/22500	25000/30000
2908/3489	4362/5234	5815/6978	8723/10467	14538/17445	21806/26168	29075/34890
10000/12000	15000/18000	20000/24000	30000/36000	50000/60000	75000/90000	100000/120000
3Ø AC 220V 50/60Hz (3Ø AC 380 50/60Hz - option)						
Fixed Temp. Control : Set Value Range 10°C~ 40°C						
Tracking Ambient Temp./Machine Body Temp. : Set Value Range -10°C~+10°C						
10°C ~ 38°C						
10°C ~ 40°C						
3/4	3/4	3/4	1	1	1 1/2	1 3/4
8.0	10.0	14.5	20.0	31.0	35.0	40.0
17	25	25	33	42	71	83
20	30	30	40	50	85	100
25	30	30	65	85	100	120
3/4" PT	3/4" PT	3/4" PT	1" PT	1" PT	1 1/2" PT	1 1/2" PT
3/4" PT	3/4" PT	3/4" PT	1" PT	1" PT	1 1/2" PT	1 1/2" PT
R-407C	R-407C	R-407C	R-407C	R-407C	R-407C	R-407C
489x458x903	570x600x1023	570x600x1023	600x920x1152	700x1100x1252	820x1400x1455	820x1360x1540
90	130	130	205	278	453	547
70 ↓	70 ↓	70 ↓	76 ↓	76 ↓	76 ↓	76 ↓

Cooler for Electric Discharge Machine

- ECE series

Application

To cool down the coolant of CNC Electric Discharge Machine, CNC Wire Cutting Machine and CNC machinery

- Cool down the dielectric fluid to avoid fire caused by accumulative heat after long time processing
- Avoid any of danger caused by dregs of carbon which are created after long time operation
- Prevent low proceeding quality impacted by high temperature of dielectric fluid after long time operation
- Reduce the gas of oil, improve working environment
- Keep cutting system more stable to increase productivity.

Features

- Touch control panel with dual digital readout shows both set and current temperature (model ECEA- ☐ PSI - option) at the same time and it's easy operation.
- A special purpose heat exchanger is designed and not easy block up.

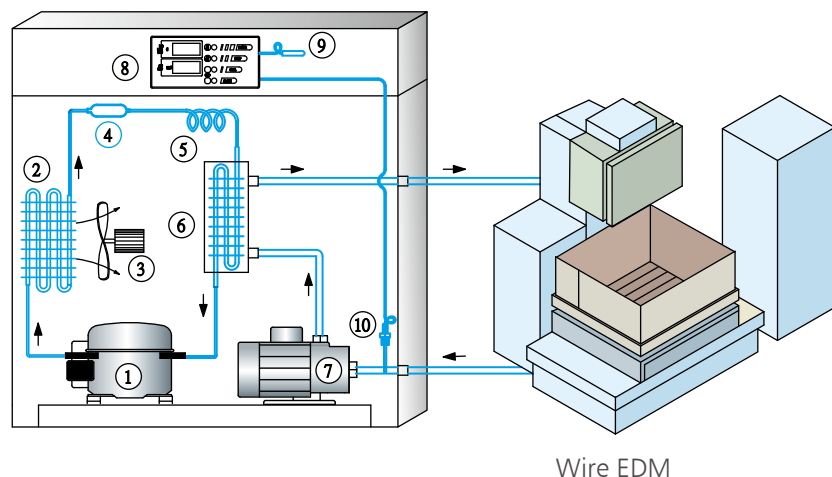


Technical Data

Item \ Model	
Cooling Capacity (50/60 Hz)	KCAL/hr
	W/hr
	BTU/hr
Voltage	Ph/V/Hz
Temp. Control	1.
	2.
Working Range	Ambient Temp.
	Water Temp.
Pump Horse Power	HP
On-load Current	A
Pump Flow Rate	50 Hz L/min
	60 Hz L/min
Fluid Connections	IN
	OUT
Refrigerant	
Overall Dimensions (DxWxH)	mm
Weight	Kg.
Noise Level	db(A)

Standard: ECEA- ☐ PSA 1

The basic circulation diagram of ECE series



1. Compressor
2. Condenser
3. Fan
4. Dryer
5. Expansion Valve
6. Evaporator
7. Pump Motor
8. Control Panel
9. Room Temperature Sensor
10. Coolant Temperature Sensor

ECE-40	ECE-60	ECE-80	ECE-120	ECE-180	ECE-240	ECE-360	ECE-600
833/1000	1250/1500	1667/2000	2500/3000	3750/4500	5000/6000	7500/9000	12500/15000
969/1163	1454/1745	1939/2326	2908/3489	4362/5234	5815/6978	8723/10467	14538/17445
3333/4000	5000/6000	6667/8000	10000/12000	15000/18000	20000/24000	30000/36000	50000/60000
3Ø AC 220V 50/60Hz (3Ø AC 380V 50/60Hz - option)							
Fixed Temp. Control : Set Value Range 10°C~40°C							
Tracking Ambient Temp./Machine Body Temp. : Set Value Range -10°C~+10°C							
10°C ~ 38°C							
10°C ~ 40°C							
1/2	1/2	1/2	3/4	3/4	3/4	1	1
5.6	6.4	7.0	8.0	10.0	15.0	20.0	31.0
17	17	17	17	25	25	33	42
20	20	20	20	30	30	40	50
3/4" PT	3/4" PT	3/4" PT	3/4" PT	3/4" PT	3/4" PT	1" PT	1" PT
3/4" PT	3/4" PT	3/4" PT	3/4" PT	3/4" PT	3/4" PT	1" PT	1" PT
R-134a	R-134a	R-407C	R-407C	R-407C	R-407C	R-407C	R-407C
489x458x903	495x462x903	495x462x903	495x462x903	570x600x1023	570x600x1023	600x920x1152	700x1100x1252
70	76	76	85	110	127	177	240
70 ↓	70 ↓	70 ↓	70 ↓	70 ↓	70 ↓	76 ↓	76 ↓

Water Cooler

- EWC series

Application

- All types of Welding Machine - cooling Electrode
- CNC Machining Center - cooling Spindle
- CNC Wire Cutting Machine - cooling Workpiece
- PU Forming Machine - cooling Mold & Part
- Ultrasonic Machine - cooling System Loop
- Printing Machine - cooling Roller & Paper
- High Frequency Machine - cooling System Loop
- Injection Molding Machine - cooling Mold & Part

Features

- Digital LED readout for alarm message, easy for troubleshooting
- Water circulation system made of stainless steel can keep good quality of water for fluid circulation system.

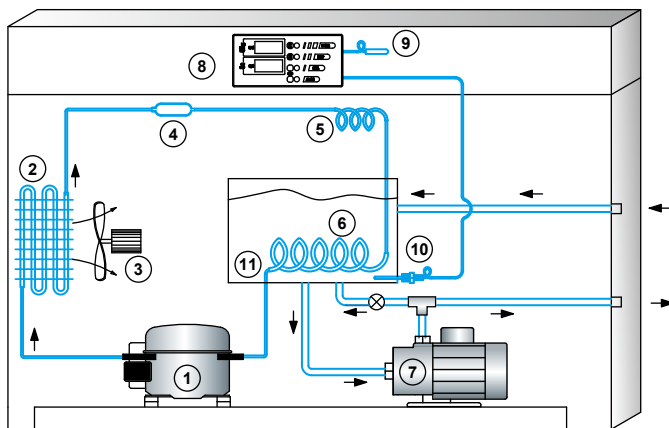


Technical Data

Item \ Model		EWC-20	EWC-40	EWC-60	EWC-80
Cooling Capacity (50/60 Hz)	KCAL/hr	417/500	833/1000	1250/1500	1667/2000
	W/hr	485/582	969/1163	1454/1745	1939/2326
	BTU/hr	1667/2000	3333/4000	5000/6000	6667/8000
Voltage	Ph/V/Hz				
Temp. Control	1.				
	2.				
Working Range	Ambient Temp.				
	Water Temp.				
Pump Horse Power	HP	1/3	1/2	1/2	1/2
On-load Current	A	5.0	5.6	6.4	7.0
Pump Flow Rate	50 Hz L/min	17	17	17	17
	60 Hz L/min	20	20	20	20
Tank Volume	L	9	13	25	25
Fluid Connections	IN	3/4" PT	3/4" PT	3/4" PT	3/4" PT
	OUT	3/4" PT	3/4" PT	3/4" PT	3/4" PT
Refrigerant		R-134a	R-134a	R-134a	R-407C
Overall Dimensions (DxWxH)	mm	441x363x554	446x376x842	489x458x903	489x458x903
Weight	Kg.	43	73	84	90
Noise Level	db(A)	70 ↓	70 ↓	70 ↓	70 ↓

Standard: EWCA- ☐ PTSA 1

The basic circulation diagram of EWC series



1. Compressor
2. Condenser
3. Fan
4. Dryer
5. Expansion Valve
6. Evaporator
7. Pump Motor
8. Control Panel
9. Room Temperature Sensor
10. Coolant Temperature Sensor
11. Tank

EWC-120	EWC-180	EWC-240	EWC-360	EWC-600	EWC-900	EWC-1200
2500/3000	3750/4500	5000/6000	7500/9000	12500/15000	18750/22500	25000/30000
2908/3489	4362/5234	5815/6978	8723/10467	14538/17445	21806/26168	29075/34890
10000/12000	15000/18000	20000/24000	30000/36000	50000/60000	75000/90000	100000/120000
3Ø AC 220V 50/60Hz (3Ø AC 380V 50/60Hz - option)						
Fixed Temp. Control : Set Value Range 10°C~40°C						
Tracking Ambient Temp./Machine Body Temp. : Set Value Range -10°C~+10°C						
10°C ~ 38°C						
10°C ~ 40°C						
3/4	3/4	3/4	1	1	1 1/2	1 3/4
8.0	10.0	14.5	20.0	31.0	35.0	40.0
17	25	25	33	42	71	83
20	30	30	40	50	85	100
25	30	30	65	85	100	120
3/4" PT	3/4" PT	3/4" PT	1" PT	1" PT	1 1/2" PT	1 1/2" PT
3/4" PT	3/4" PT	3/4" PT	1" PT	1" PT	1 1/2" PT	1 1/2" PT
R-407C	R-407C	R-407C	R-407C	R-407c	R-407C	R-407C
489x458x903	570x600x1023	570x600x1023	600x920x1152	700x1100x1252	820x1400x1455	820x1360x1540
90	130	130	205	278	453	547
70 ↓	70 ↓	70 ↓	76 ↓	76 ↓	76 ↓	76 ↓

High Efficiency Spindle Cooler

- EDC series

Application

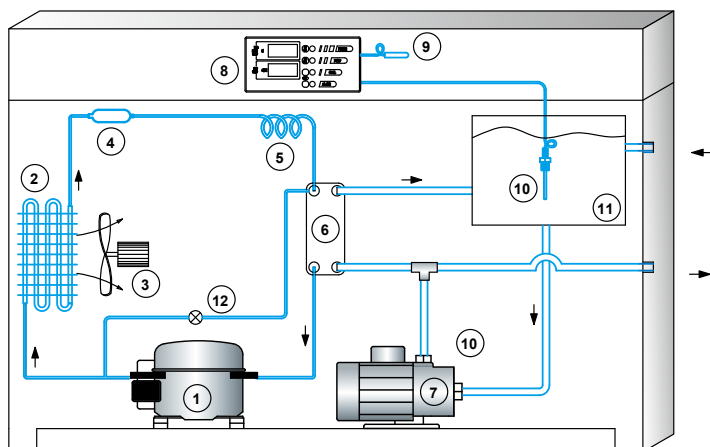
- Built-in Spindle - solve heat dissipation problem
- High Speed Spindle - cool down spindle heat quickly

Features

- A special design as well as components stabilize the fluid quality and cool down the heat of spindle quickly.
- A professional economic constant circulation design provides better constant temperature and cost.
- Built-in design
- Multi-protection devices of water level detection, flow rate detection and relative temperature detection provide optimum during operation.



The basic circulation diagram of EDC series



1. Compressor
2. Condenser
3. Fan
4. Dryer
5. Expansion Valve
6. Evaporator
7. Pump Motor
8. Control Panel
9. Room Temperature Sensor
10. Coolant Temperature Sensor
11. Tank
12. Refrigerant Solenoid Valve

Technical Data

Item \ Model		EDC-40	EDC-80	EDC-120	EDC-180
Cooling Capacity (50/60 Hz)	KCAL/hr	833/1000	1667/2000	2500/3000	3750/4500
	W/hr	969/1163	1939/2326	2908/3489	4362/5234
	BTU/hr	3333/4000	67/8000	10000/12000	15000/18000
Voltage	Ph/V/Hz	3Ø AC 220V 50/60Hz (3Ø AC 380V 50/60Hz - option)			
Temp. Control	1.	Fixed Temp. Control : Set Value Range 10°C~40°C			
	2.	Tracking Ambient Temp./Machine Body Temp. : Set Value Range -10°C~+10°C			
Working Range	Ambient Temp.	10°C ~ 38°C			
	Water Temp.	10°C ~ 40°C			
Pump Horse Power	HP	1/2	1/2	3/4	3/4
On-load Current	A	5.8	7.0	8.0	10.0
Pump Flow Rate	50 Hz L/min	17	17	33	42
	60 Hz L/min	20	20	40	50
Tank Volume	L	14	21	21	27
Fluid Connections	IN	1/2" PT	3/4" PT	3/4" PT	3/4" PT
	OUT	1/2" PT	3/4" PT	3/4" PT	3/4" PT
Refrigerant		R-134a	R-407c	R-407c	R-407c
Overall Dimensions (DxWxH)	mm	440x460x745	430x530x932	430x570x932	480x530x1041
Weight	Kg.	60	68	75	83
Noise Level"	db(A)	70 ↓	70 ↓	70 ↓	70 ↓

Standard: EDCA- ☐ PTSH2MK

Oil Cooler

- EOC series

Application

- Spindle
- Ballscrew
- Hydraulic System
- Coolant
- CNC Machining Center
- CNC High Speed Lathe
- CNC Milling Machine
- CNC Woodworking Machine
- CNC Surface Grinder

Features

- Keep Spindle system at optimize temperature for helping the accuracy of workpiece
- Cool down the oil of machine tools, prevent oil from oxidation and vibration, keep better viscosity and stabilize oil pressure
- Extend working life of machines

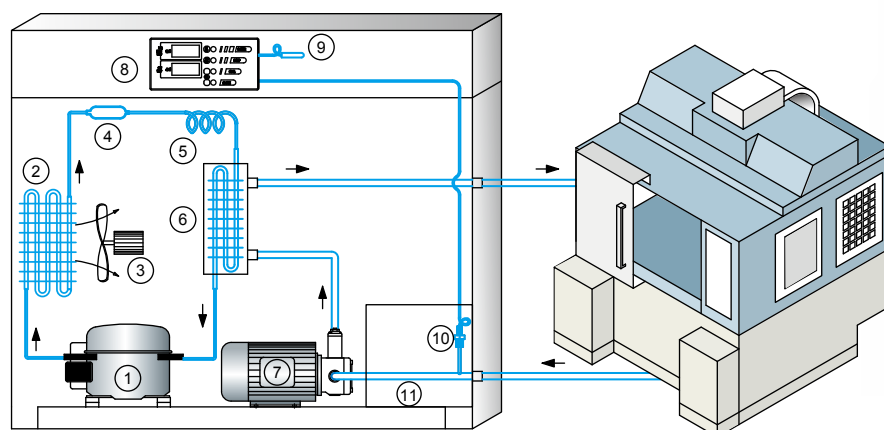


Technical Data

Item \ Model		EOC-40	EOC-60	EOC-80
Cooling Capacity (50/60 Hz)	KCAL/hr	833/1000	1250/1500	1667/2000
	W/hr	969/1163	1454/1745	1939/2326
	BTU/hr	3333/4000	5000/6000	6667/8000
Voltage	V/Ph/Hz			
Temp. Control	1.			
	2.			
Working Range	Ambient Temp.			
	Oil Temp.			
Pump Horse Power	HP	1/4	1/2	1/2
On-load Current	A	6.0	6.2	7.0
Pump Flow Rate	50 Hz L/min	6.7	17	17
	60 Hz L/min	8	20	20
Fluid Tank Volume	L	10	25	30
Fluid Connections	IN	1/2" PT	3/4" PT	3/4" PT
	OUT	1/2" PT	3/4" PT	3/4" PT
Refrigerant		R-134a	R-134a	R-407C
Overall Dimensions (DxWxH)	mm (w/o Tank)	440x360x592	440x363x652	520x430x827
Overall Dimensions (DxWxH)	mm (w/Tank)	440x350x727	443x366x967	520x430x1120
Weight	Kg. (w/Tank)	60	100	110
Noise Level	db(A)	70 ↓	70 ↓	70 ↓

Standard: EOCA- ☐ PTSA 1

The basic circulation diagram of EOC series



CNC Machine Center

1. Compressor
2. Condenser
3. Fan
4. Dryer
5. Expansion Valve
6. Evaporator
7. Pump Motor
8. Control Panel
9. Room Temperature Sensor
10. Coolant Temperature Sensor
11. Tank

EOC-120	EOC-180	EOC-240	EOC-360	EOC-600	EOC-900	EOC-1200
2500/3000	3750/4500	5000/6000	7500/9000	12500/15000	18750/22500	25000/30000
2908/3489	4362/5234	5815/6978	8723/10467	14538/17445	21806/26168	29075/34890
10000/12000	15000/18000	20000/24000	30000/36000	50000/60000	75000/90000	100000/120000
3Ø AC 220V 50/60Hz (3Ø AC 380V 50/60Hz - option)						
Fixed Temp. Control : Set Value Range 25°C~40°C						
Tracking Ambient Temp./Machine Body Temp. : Set Value Range -10°C~+10°C?						
10°C ~ 38°C						
15°C ~ 45°C						
1/2	1	1	1	2	3	3
10.0	15.0	21.0	25.0	31.0	35.0	40.0
17	25	25	33	58	58	125
20	30	30	40	70	70	150
30	30	30	65	85	100	120
3/4" PT	3/4" PT	3/4" PT	1" PT	1" PT	1 1/2" PT	1 1/2" PT
3/4" PT	3/4" PT	3/4" PT	1" PT	1" PT	1 1/2" PT	1 1/2" PT
R-407C	R-407C	R-407C	R-407C	R-407C	R-407C	R-407C
520x430x827	570x600x1034	570x600x1034	600x920x1297	700x1100x1252	820x1400x1455	820x1360x1540
520x430x1120	570x600x1034	570x600x1034	600x920x1297	700x1100x1252	820x1400x1455	820x1360x1540
110	145	130	205	395	530	550
70 ↓	70 ↓	70 ↓	76 ↓	76 ↓	76 ↓	76 ↓

Freezing Type Dryer

- EJ series

Application

- Painting Equipment
- Air Tooling
- Chemical/Biotech Industry
- Precision Work Piece
- Measuring Equipment

Function

- Extend working life of air tooling, control device; decrease depreciation and maintenance cost
- Reduce moisture and dust, filter impurity of high pressure air to increase working life of machinery, keep the machine working on its optimum condition.
- Reduce moisture, greasy and impurities brought while operation to improve the quality of products and accuracy of control equipment.

Technical Data

Item \ Model		EJ-05SG	EJ-08SG	EJ-10SG
Max. Capacity	Nm ³ /min	0.6	0.8	1.2
Voltage (60Hz)	V/Phase (AC)	220V / 1Ø		
Compressor Horse Power	kW	0.26	0.26	0.5
Operating Current	A	1.2	1.2	2.4
Full Load Current	A	1.5	1.5	2.75
Fan Motor	W	55	55	55
Inlet Temperature	°C	5~60°C (@50°C)		
Ambient Temperature	°C	2~42°C (@38°C)		
Working Pressure	MPa	≤1.6MPa (@0.7MPa)		
Refrigerant		R-134a	R-134a	R-134a
Inlet/Outlet Dia.	Inch	1/2" PT	1/2" PT	3/4" PT
Overall Dimensions (DxWxH)	mm	600x210x600	600x210x600	600x210x600
Weight	Kg.	19	21	23



SG model



GP model

EJ-10GP	EJ-15GP	EJ-25GP	EJ-40GP	EJ-60GP	EJ-75GP	EJ-100GP
1.6	2.4	3.6	5.5	8.1	10.6	15.0
220V / 1Ø					380V / 3Ø	
0.50	0.65	0.95	1.20	1.90	2.60	2.60
2.40	3.00	4.30	5.00	7.50	3.50	3.50
2.75	3.35	4.90	5.70	8.70	4.00	4.00
60	60	60	180	250	400	400
5~80°C (@60°C)						
2~42°C (@38°C)						
≤1.6MPa (@0.7MPa)						
R-134a	R-134a	R-134a	R-22	R-22	R- 22	R- 22
3/4" PT	1" PT	1" PT	1 1/2" PT	1 1/2" PT	2" PT	2" PT
500x380x735	600x380x775	600x380x775	700x500x960	700x500x960	1020x540x1050	1020x540x1050
40	50	54	83	93	127	173

Features

1. Control Panel:

- Logic controller, complete auto functions and standard wiring.
- No adjustment required by complete automatic control.
- Easy operation by ON/OFF key.

2. Pre-Cooler:

- Combining the Condenser and the Pre-cooler by a heat insulation area as well as both operated by a Fan to compact the space and lower power consumption.
- Excellent inlet air distribution results in high performance and low pressure drop.

3. Pressure Control:

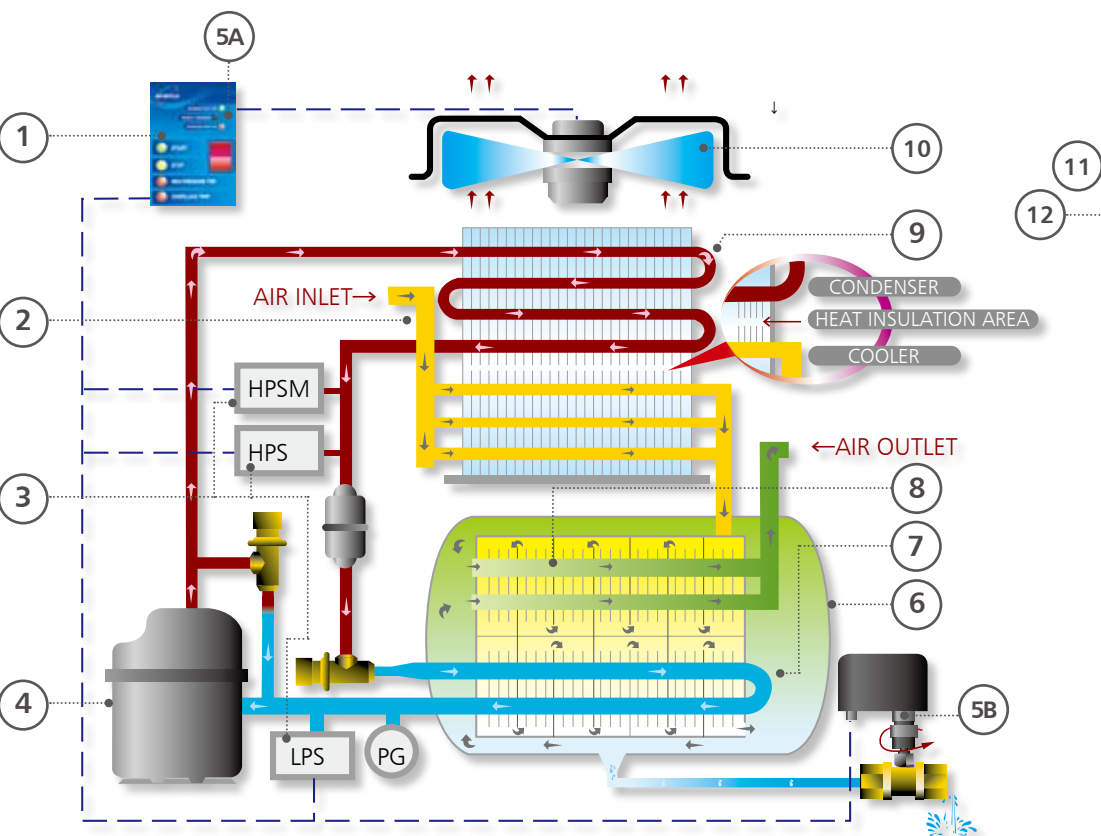
- Fixed Type Pressure Switch (HPS & LPS) is used for better stability, fewer malfunction and easy installation.
- Reset Type High Pressure Switch (HPSM) is specially designed for models larger than EJ-75GP to prevent the Compressor from overloading.

4. Refrigerant Compressor:

- Closed and reciprocating type create high performance and efficiency.
- CE conformity
- Isolation grade: F
- Electric grade: IP53

5. Electronic Drainage:

- Timer control but manual drain test is available.
- Anti-blockage by using a large Ball Valve.
- No more coil burnt down concern while high torque due to driven by a Gear Motor.



6. Pressure Vessel:

- Made of stainless steel, antirust and life extended.
- Compact Two-in-One design: The Heat Exchanger is combined with the Evaporator.
- Tested by high precision instrument. Leaking free is guaranteed.
- CNS manufacturing is standard; the standard of CE or ASME or CSOL is per request.

7. Evaporator:

- Wave type aluminum fins with diversion plates increase the contact of surface of air and refrigerant completely to decrease by-pass coefficient and achieve optimum cooling efficiency.

8. Heat Exchanger:

- Thread type bronze tubes with aluminum fins and diversion plates plus reversed-channel design make better cooling efficiency and lower energy consumption.

9. Condenser:

- Large air intake area and blow-up design are greatly helpful for better heat dissipation and good ventilation.

10. Fan Motor:

- Low noise, high speed, large flow and static pressure.
- CE conformity; Electric grade: IP54

High Efficiency Compressed Air Filter (option)

- EJF series



11. & 12. Extra Features:

- There is no heat transfer problem if several units are installed side by side. It saves the space of installation.



Technical Data

Series		EJF (Ported)				
Filter Model		Grade-15F	Grade-40F	Grade-60F	Grade-100F	Grade-150F
Max. Capacity (Nm ³ /min)		2.4	5.5	8.1	15	25
Connection (inch)		1" PT	1-1/2" PT	1-1/2" PT	2" PT	2-1/2"PT
Dimension (mm)	Diameter	105	138	138	147	150
	Length	315	425	645	680	855
Weight (kg)		1.3	1.4	3.3	4.2	8.2
Replacement Element Model Q'ty		F1E x 1	F2E x 1	F3E x 1	F4E x 1	L1E x 1
Recommended Dryer Model		08, 10, 15	15, 25, 40	40, 60	75, 100	100, 125, 150

Cold Air Gun System

- EGP series

EGP Cold Air Spray system is available for precision machinery, semi-conductor equipment and medicine aesthetic laser, for which size is compact and easy to install.

- **Extend tool life up to 30%**
- **Produce outlet air to 50°C below inlet air temperature**



EGPC



EGPB-S



EGPA-PS

Cold Air Gun :

- model
 - EGPA: straight type
 - EGPB: separate type
 - EGPC: circulating type

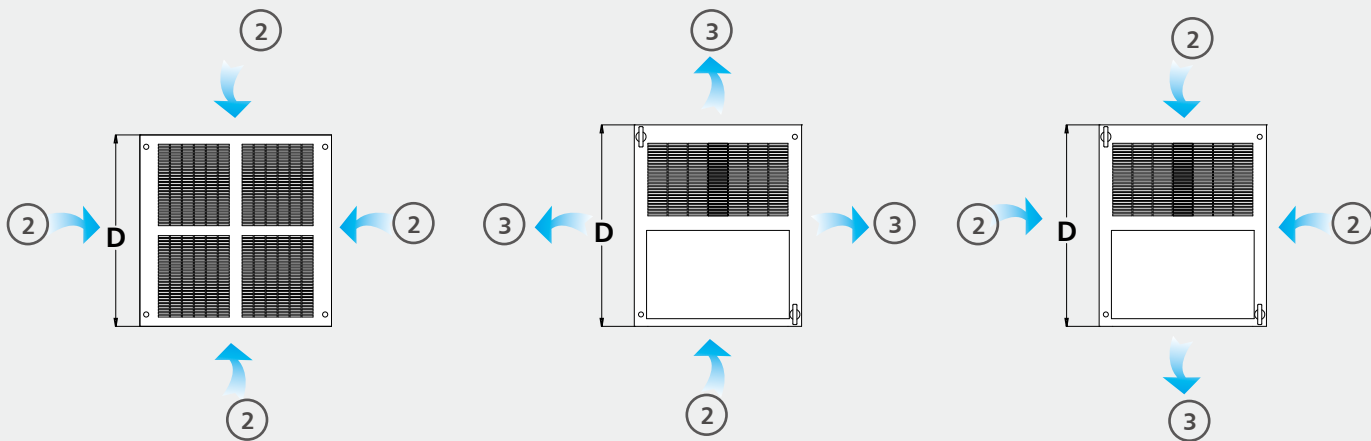
Oil-Mist Air Spray System:

- model
 - EGPA-PS: portable type
 - EGPA-S: straight type, equipped with a 3,300 ml Oil Tank
 - EGPB-S: separate type, equipped with a 3,300 ml Oil Tank
 - EGPC-S: circulating type, equipped with a 3,300 ml Oil Tank

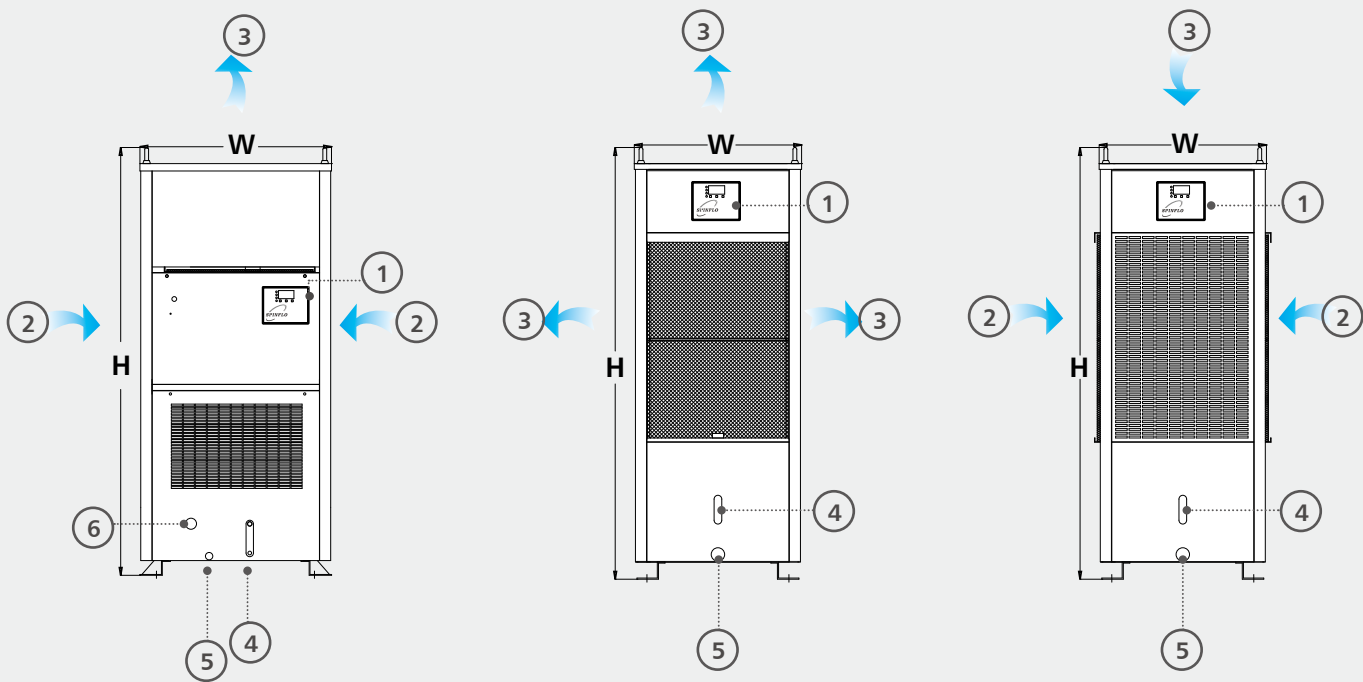
(Welcome to ask technical data or more information.)

Diemension

TOP View:



Fornt View:



- | | |
|-----------------|-------------------|
| ① Control Panel | ④ Level Indicator |
| ② Air Inlet | ⑤ Fluid Outlet |
| ③ Air Outlet | ⑥ Filling Inlet |



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All specifications are subject to be changed without prior notice.