

TECO AIRCON

Comfort, Energy Saving, Health, Earth Friendly.



Driving and Connecting Globally

Thermostatic & Humidistatic Air Conditioner



Driving and Connecting Globally

Since its founding in June of 1956, TECO Electric & Machinery Co., Ltd. has never rested on the laurels of its own success. Not satisfied with producing motors or limited to heavy machinery, the TECO Group has extended its scope of operations into the household appliances, air conditioner information, communication, semiconductor, optronics, network, software infrastructure, financial investment, food services, and distribution industries, becoming a globalized, high-tech enterprise group. TECO is forever dedicated to long-term development, creating new competitive advantages, enhancing services quality, developing top-flight personnel, and creating outstanding products.

Air conditioning - TECO's excellent core business

The air-conditioning business is one of the core industries in the TECO Group. Manufacturing air conditioners for 34 years, TECO has achieved remarkable successes with Annual Award for Quality Excellence, Gold Medal for Design, Award for Best Technology, etc. In Taiwan, TECO takes 40% market share of commercial air conditioners, while its home air conditioner market share reaches 20%.

No matter residence, factories, office buildings, shopping malls, or the general air-conditioning projects, building hydroelectric projects, hospital special air-conditioning projects, precise factory special air-conditioning projects and hi-tech semiconductor dustless laboratory projects, TECO's air conditioning always gain a good reputation.

Relying on its advantages of strong brand and excellent quality, TECO Air Conditioners has been building up its worldwide marketing and service network, which swiftly covered Taiwan, China, South East Asia, Japan, South Africa, Australia & Europe.



Head quarters in Taiwan



PRW factory in Taiwan



PAC factory in China



Thermostatic & humidistatic
air conditioner

Room
air conditioner

Commercial
Dehumidifier

Air Curtain

Water-cooled chiller

Mini Chiller

Air-cooled ducted
type air conditioner

Fan coil unit

Air-cooled packaged
type air conditioner

Air-cooled Chiller

Water-cooled packaged
type air conditioner

Thermostatic & humidistatic
air conditioner

Air handling unit



Products Brief Introduction

Model Number Nomenclature:

PWAC-D1000MLU

P W A C - D 1000 M L U

- U** : Upside blow .A- Downside blow.
- L** : Scroll compressor type
- M** : Power Supply, 3Φ380 /415V, 50HZ
- 1000** : Cooling capacity. 1000*0.1 kW= 100 kW.
- D** : Manufacturing factory: China mainland Dongguan factory.
- C** : Constant temp & Humidity type (Used in computer room);
- E** : Remote installed condenser type
- A** : R22 Refrigerant
- W** : Water-cooled packaged standard type
- F** : Air-cooled split packaged standard type (Floor standing type)
- P** : TECO Air Conditioning Series Products

Product Features

- High-level Construction/High Quality: Key parts are provided by renowned international brands in providing high-level constructional and high-quality product.
- High reliability: Designed and manufactured through 24-hours /day and 365 days/year working time,suitable for all applications.
- Intellectual Micro-computer Controller: Digital display of temperature, relative humidity, setting point,compressor high/low voltage alarm, switch status indication, and relevant factory setting parameters on the control system for the area controlled.
- Shutdown auto-start/memory function: To restart the power following abrupt power shutdown, the unit can memorize and maintain the status before the shutdown for automatic restarting so as to cope with the application needs of the on-duty personnel.
- Fully automatic failure diagnosis: With failure automatic diagnosis, failure display and audible/blinking alarm function (optional), it is easier for equipment maintenance and caring.
- Remote monitoring, Centralized monitoring: Standard RS485 Serial Board is used to realize the centralized monitoring and remote monitoring of the equipment for the administrator to obtain the machine operating message at any time.
- Duty-shift function: If more than two machines are used, they can be configured into duty-shift type of machine series.If the on-duty machine is failed, then another standby unit will be activated automatically to satisfy the humidity/temperature accuracy control.

Newer design and the most sophisticated technology, achieving quieter equipment operation, more pleasant appearance, more environmentally-friendly operation, and more economical investment.

- The high-efficient and low-noise Scroll Compressor is used to enhance the efficiency of the machine and reduce the noise in a more effective manner. Further, the compressor is installed in an independent chamber, which is isolated from the air duct in achieving quieter operation.
- The Cooling Coil is designed by the most advanced technology, of which the Coil Fin is treated with water-based coating to effectively elevate the heat-exchange efficiency of the Coil, while avoiding water-carrying and the use of condensing drop board after installing the coil as to increase the air resistance.
- Large-size Air Filter is used to cover the entire Cooling Coil in order to effectively reduce the sectional air speed and air resistance.
- Dedicated environmental protection design. All products are using R22 or R407C environmental-friendly refrigerant.

Products Specifications

HF Air-Cooling Thermostatic & Humidistatic Air Conditioner Technical Performance Parameters (Top Blow Type)

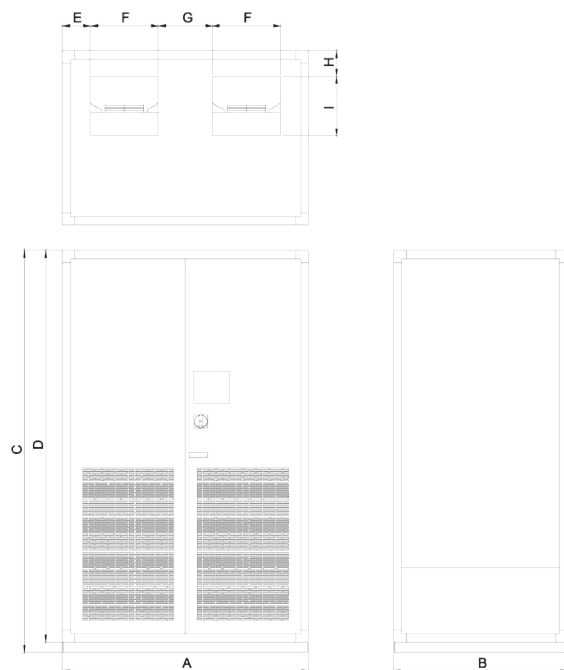
Item			Mode	PFAC-D250MLU	PFAC-D300MLU	PFAC-D400MLU	PFAC-D500MLU	PFAC-D600MLU	PFAC-D800MLU	PFAC-D1000MLU
Air Conditioner Unit	Cooling Capacity	kW		26	30	40	50	60	80	100
		10 ³ kcal/h		23.1	25.8	34.4	43.0	51.6	68.8	86.0
	Power Consumption (Cooling)	kW		10.23	12.34	18.21	20.72	24.75	32.35	40.38
	Running current (Cooling)	A		19.43	23.44	34.59	39.34	47.00	58.59	76.70
	E.E.R.	W/W		2.62	2.43	2.20	2.41	2.42	2.47	2.48
	Electrical Heating	kW		12	12	18	18	24	30	36
		10 ³ kcal/h		10.32	10.32	15.48	15.48	20.64	25.80	30.96
	Air Flow	m ³ /h		6600	8800	10000	14000	17800	20000	23800
	External Static Pressure	Pa		75	75	100	100	100	120	150
	Noise	dB(A)		63	64	65	66	68	69	71
	Temperature Control Accuracy	°C		18°C~28°C ± 1°C						
	Humidity Control Accuracy	%		50%~70%RH ± 5%RH						
	Power Supply			380 / 3 / 50 - N						
	Power Consumption	W		28.23	30.34	47.46	49.97	60.00	87.10	102.63
Indoor Unit	Running Current	A		46.32	50.33	78.17	82.93	99.71	142.06	169.28
	Starting Current	A		109	127	191	211	252	332	419
	Indoor Model			PFAC-D250MLU	PFAC-D300MLU	PFAC-D400MLU	PFAC-D500MLU	PFAC-D600MLU	PFAC-D800MLU	PFAC-D1000MLU
	Compressor	Type		Scroll Total Enclosed Compressor						
		N X kW		2 X 4.05	2 X 4.78	2 X 7.44	2 X 7.92	2 X 9.34	3 X 7.92	4 X 7.92
	Refrigerant	Type		R-22						
		kg		4.5 X 2	5.5 X 2	7.0 X 2	9.0 X 2	11.0 X 2	9.0 X 3	9.0 X 4
	Refrigerant Control Method			Expansion Valve						
	Running Control Method			Micro-computer Control (the monitoring is non-optional)						
	Evaporator	Type		Plate type aluminum fin / Copper tube						
	Blower System	Blower	Power output (n X kW)	2 X 0.75	2 X 1.07	2 X 1.19	3 X 1.14	3 X 1.53	3 X 1.63	3 X 1.92
		Filter	Type	G4 Coarse Cotton Net						
	Electric Heater	Step		2	2	2	2	2	3	3
		kW		12	12	18	18	24	30	36
Outdoor Unit	Humidifier	Type		Electrode type						
		Unit x Power	N x W	1 X 6	1 X 6	1 X 11.25	1 X 11.25	1 X 11.25	1 X 26.25	1 X 26.25
		Humidifying Capacity	kg/h	5~8	5~8	10~15	10~15	10~15	25~35	25~35
		Inlet Pipe Dia.		DN15	DN15	DN15	DN15	DN15	DN15	DN15
	Outline Dimension (before/after packing)	L (mm)		1200 / 1400	1460 / 1660	1760 / 1960	2170 / 2370	2400 / 2600	2600 / 2800	2600 / 2800
		W (mm)		850 / 1050	850 / 1050	850 / 1050	850 / 1050	850 / 1050	1175 / 1375	1175 / 1375
		H (mm)		1960 / 2180	1960 / 2180	1960 / 2180	1990 / 2210	1990 / 2210	1990 / 2210	1990 / 2210
	Weight (Net/Gross)	Kg		368 / 478	424 / 545	522 / 657	654 / 809	723 / 888	873 / 1074	985 / 1186
	Outdoor Model No.			PAAE-D130M	PAAE-D150M	PAAE-D200M	PAAE-D250M	PAAE-D300M	PAAE-D250M	PAAE-D250M
	Outdoor Unit	Fan	Type	Axial Current Type						
			Power Output (W)	2 X 160	2 X 160	3 X 160	3 X 245	3 X 245	3 X 245	3 X 245
		Condenser	Type	Plate type aluminum fin / Copper tube						
		Unit Count	Unit	2	2	2	2	2	3	4
	Outline Dimension (before/after packing)	L (mm)		1450 / 1650	1450 / 1650	1730 / 1930	2030 / 2230	2030 / 2230	2030 / 2230	2030 / 2230
		W (mm)		670 / 870	670 / 870	670 / 870	771 / 971	771 / 971	771 / 971	771 / 971
		H (mm)		780 / 600	780 / 600	780 / 600	780 / 600	780 / 600	780 / 600	780 / 600
	Weight (Net/Gross)	Kg		77 / 131	77 / 131	93 / 154	119 / 193	132 / 206	119 / 193	119 / 193
Indoor/ Outdoor Unit Connecting Pipe	Liquid pipe	Inch		Ø 1/2"	Ø 5/8"	Ø 5/8"	Ø 5/8"	Ø 5/8"	Ø 5/8"	Ø 5/8"
	Connecting Type			Welding						
	Quantity	PCS		2	2	2	2	2	3	4
	Gas pipe	Inch		Ø 5/8"	Ø 5/8"	Ø 7/8"	Ø 7/8"	Ø 7/8"	Ø 7/8"	Ø 7/8"
	Connecting Type			Welding						
	Quantity	PCS		2	2	2	2	2	3	4

1. The cooling capacity is measured at 7.5m long refrigerant pipe over time under 23°C DB, 17°C WB of return air for indoor unit, and under 35°C DB, 24°C WB of return air for outdoor unit.

2. The content of above-said specifications will be subject to change without prior notice.

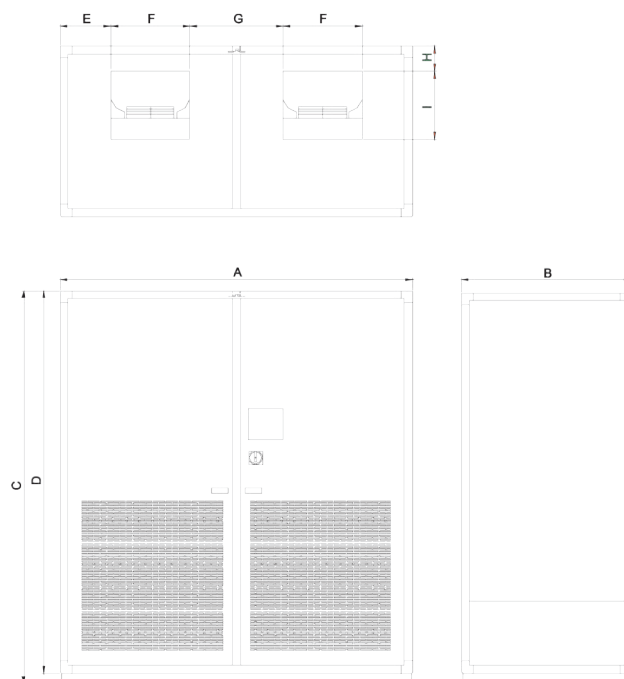
Outline Dimension Diagram

PFAC-D250MLU



Model No.	Outline Dimension								
PFAC-D250MLU	A	B	C	D	E	F	G	H	I
	1200	850	1960	1910	137	331	264	125	289

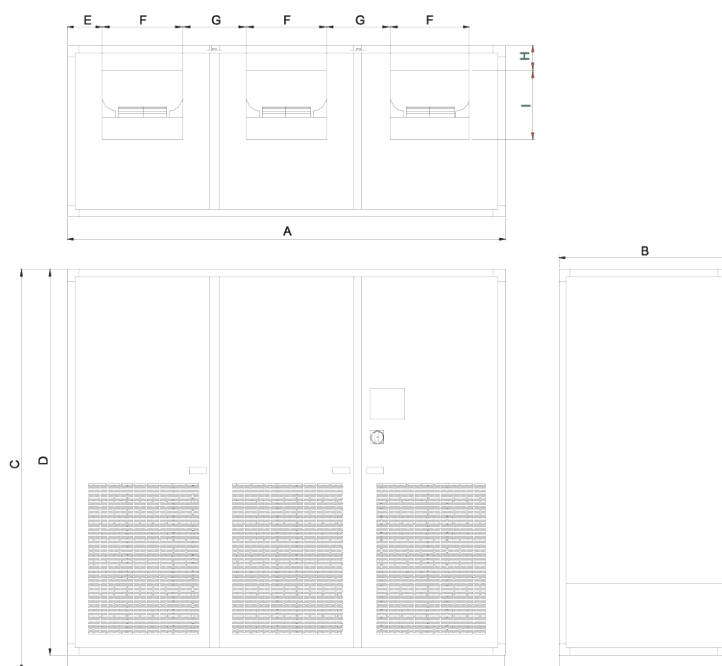
PFAC-D300/400MLU



Model No.	Outline Dimension								
PFAC-D300MLU	A	B	C	D	E	F	G	H	I
PFAC-D400MLU	1460	850	1960	1910	210	331	378	125	289
	1760	850	1960	1910	252.5	395	465	125	341

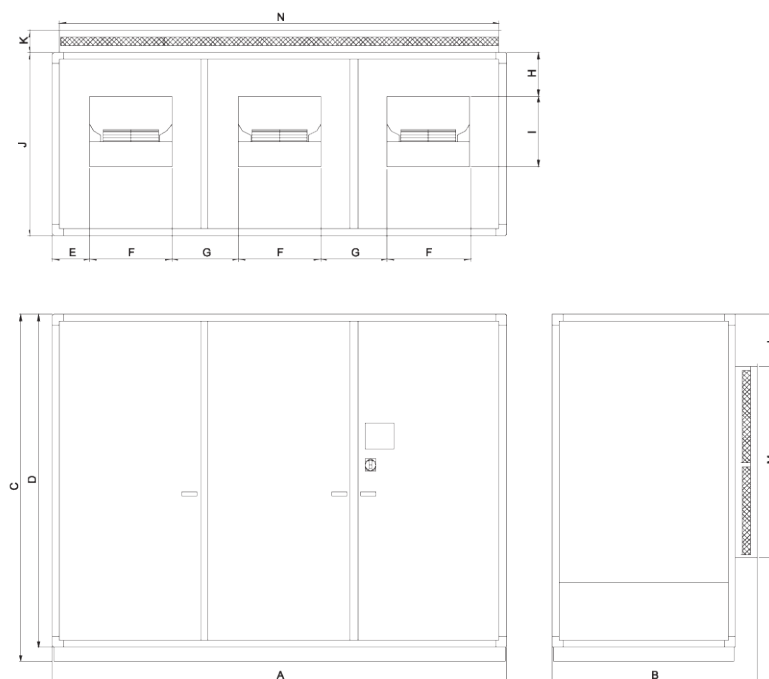
Outline Dimension Diagram

PFAC-D500/600MLU



Model No.	Outline Dimension								
	A	B	C	D	E	F	G	H	I
PFAC-D500MLU	2170	850	1990	1910	177.5	395	315	125	341
PFAC-D600MLU	2400	850	1990	1910	216	395	391.5	125	341

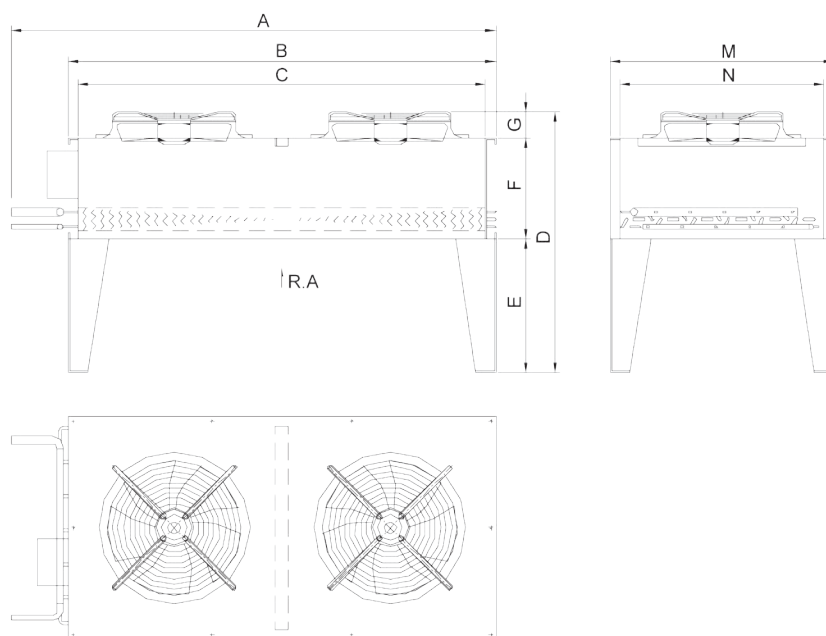
PFAC-D800/1000MLU



Model No.	Outline Dimension													
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
PFAC-D800MLU	2600	1175	1990	1910	211	471	382.5	250	404	1050	125	300	1093	2520
PFAC-D1000MLU	2600	1175	1990	1910	211	471	382.5	250	404	1050	125	60	1460	2520

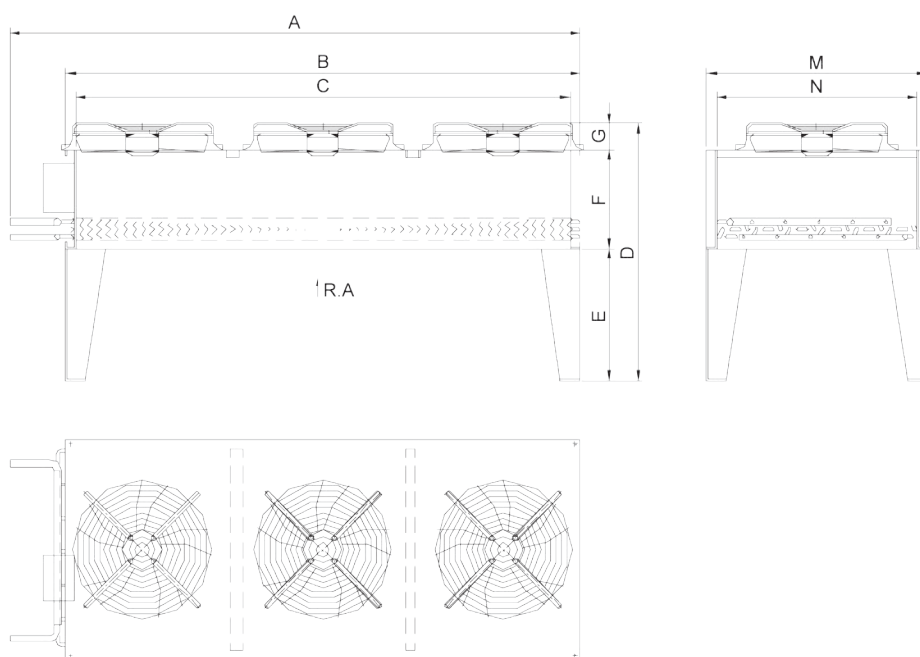
Outline Dimension Diagram

PAAE-D130/150M



Model No.	Outline Dimension								
	A	B	C	D	E	F	G	M	N
PAAE-D130M	1450	1280	1220	780	400	300	80	669.6	609.6
PAAE-D150M	1450	1280	1220	780	400	300	80	669.6	609.6

PAAE-D200/250/300M



Model No.	Outline Dimension								
	A	B	C	D	E	F	G	M	N
PAAE-D200M	1730	1560	1500	780	400	300	80	669.6	609.6
PAAE-D250M	2030	1860	1800	780	400	300	80	771.2	711.2
PAAE-D300M	2030	1860	1800	780	400	300	80	771.2	711.2

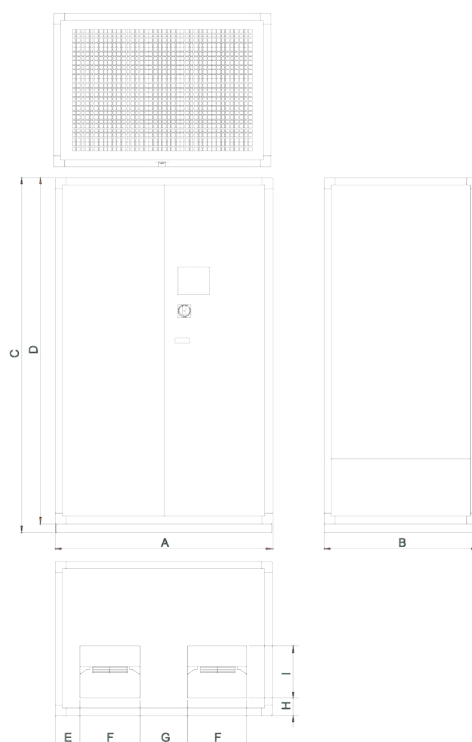
Products Specifications

HF Air-Cooling Thermostatic & Humidistatic Air Conditioner Technical Performance Parameters (Bottom Blow Type)

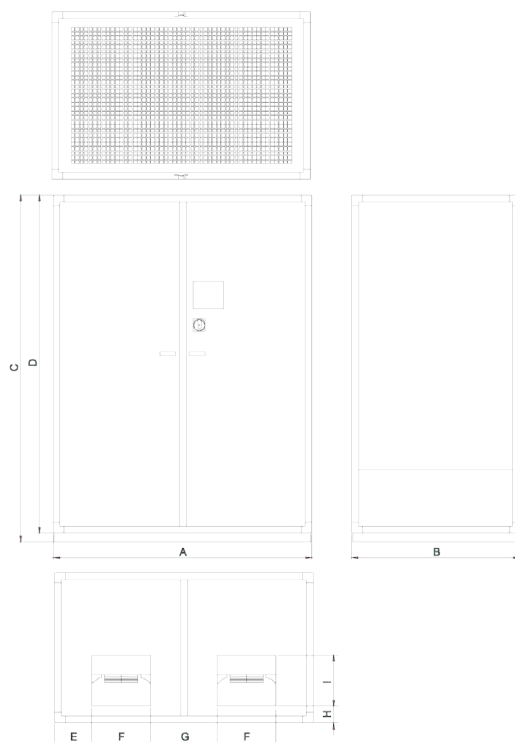
Item			Mode	PFAC-D250MLA	PFAC-D300MLA	PFAC-D400MLU	PFAC-D500MLA	PFAC-D600MLA	PFAC-D800MLA	PFAC-D1000MLA	
Air Conditioner Unit	Cooling Capacity	kW	36.9	30	40	50	60	80	100		
		10 ³ kcal/h	23.1	25.8	34.4	43.0	51.6	68.8	86.0		
	Power Consumption (Cooling)	kW	10.23	12.34	18.21	20.72	24.75	32.35	40.38		
	Running current (Cooling)	A	19.43	23.44	34.59	39.34	47.00	58.59	76.70		
	E.E.R.	W/W	2.62	2.43	2.20	2.41	2.42	2.47	2.48		
	Electrical Heating	kW	12	12	18	18	24	30	36		
		10 ³ kcal/h	10.32	10.32	15.48	15.48	20.64	25.80	30.96		
	Air Flow	m ³ /h	6600	8800	10000	14000	17800	20000	23800		
	External Static Pressure	Pa	75	75	100	100	100	120	150		
	Noise	dB(A)	63	64	65	66	68	69	71		
	Temperature Control Accuracy	°C	18°C~28°C ± 1°C								
	Humidity Control Accuracy	%	50%~70%RH ± 5%RH								
	Power Supply		380 / 3 / 50 - N								
	Power Consumption	kW	28.23	30.34	47.46	49.97	60.00	87.10	102.63		
Running Current	A	46.32	50.33	78.17	82.93	99.71	142.06	169.28			
Starting Current	A	109	127	191	211	252	332	419			
Indoor Model			PFAC-D250MLA	PFAC-D300MLA	PFAC-D400MLA	PFAC-D500MLA	PFAC-D600MLA	PFAC-D800MLA	PFAC-D1000MLA		
Indoor Unit	Compressor	Type	Scroll Total Enclosed Compressor								
		N X kW	2 X 4.05	2 X 4.78	2 X 7.44	2 X 7.92	2 X 9.34	3 X 7.92	4 X 7.92		
	Refrigerant	Type	R-22								
		kg	4.5 X 2	5.5 X 2	7.0 X 2	9.0 X 2	11.0 X 2	9.0 X 3	9.0 X 4		
	Refrigerant Control Method		Expansion Valve								
	Running Control Method		Micro-computer Control (the monitoring is non-optional)								
	Evaporator		Type	Plate type aluminum fin / Copper tube							
	Blower System	Blower	Type	Centrifugal Blower							
			Power output (n X kW)	2 X 0.75	2 X 1.07	2 X 1.19	3 X 1.14	3 X 1.53	3 X 1.63	3 X 1.92	
	Filter		Type	G4 Coarse Cotton Net							
	Electric Heater		Step	2	2	2	2	2	3	3	
			kW	12	12	18	18	24	30	36	
	Humidifier	Type		Electrode type							
		Unit x Power	N x W	1 X 6	1 X 6	1 X 11.25	1 X 11.25	1 X 11.25	1 X 26.25	1 X 26.25	
		Humidifying Capacity	kg/h	5~8	5~8	10~15	10~15	10~15	25~35	25~35	
		Inlet Pipe Dia.		DN15	DN15	DN15	DN15	DN15	DN15	DN15	
	Outline Dimension (before/after packing)		L (mm)	1200 / 1400	1460 / 1660	1760 / 1960	2170 / 2370	2400 / 2600	2600 / 2800	2600 / 2800	
			W (mm)	950 / 1150	950 / 1150	1050 / 1250	1050 / 1250	1050 / 1250	1325 / 1525	1325 / 1525	
H (mm)			1960 / 2180	1960 / 2180	1960 / 2180	1990 / 2210	1990 / 2210	1990 / 2210	1990 / 2210		
Weight (Net/Gross)	Kg	379 / 495	435 / 563	546 / 695	684 / 854	755 / 936	901 / 1115	1012 / 1226			
Outdoor Model No.			PAAE-D130M	PAAE-D150M	PAAE-D200M	PAAE-D250M	PAAE-D300M	PAAE-D250M	PAAE-D250M		
Outdoor Unit	Fan	Type	Axial Current Type								
		Power Output (W)	2 X 160	2 X 160	3 X 160	3 X 245	3 X 245	3 X 245	3 X 245		
	Condenser	Type	Plate type aluminum fin / Copper tube								
	Unit Count	Unit	2	2	2	2	2	3	4		
	Outline Dimension (before/after packing)	L (mm)	1450 / 1650	1450 / 1650	1730 / 1930	2030 / 2230	2030 / 2230	2030 / 2230	2030 / 2230		
		W (mm)	670 / 870	670 / 870	670 / 870	771 / 971	771 / 971	771 / 971	771 / 971		
H (mm)		780 / 600	780 / 600	780 / 600	780 / 600	780 / 600	780 / 600	780 / 600			
Weight (Net/Gross)	Kg	77 / 131	77 / 131	93 / 154	119 / 193	132 / 206	119 / 193	119 / 193			
Indoor/ Outdoor Unit Connecting Pipe	Liquid pipe	Inch	Ø 1/2"	Ø 5/8"	Ø 5/8"	Ø 5/8"	Ø 5/8"	Ø 5/8"	Ø 5/8"		
	Connecting Type		Welding								
	Quantity	PCS	2	2	2	2	2	3	4		
	Gas pipe	Inch	Ø 5/8"	Ø 5/8"	Ø 7/8"	Ø 7/8"	Ø 7/8"	Ø 7/8"	Ø 7/8"		
	Connecting Type		Welding								
	Quantity	PCS	2	2	2	2	2	3	4		

- The cooling capacity is measured at 7.5m long refrigerant pipe over time under 23°C DB, 17°C WB of return air for indoor unit, and under 35°C DB, 24°C WB of return air for outdoor unit.
- The content of above-said specifications will be subject to change without prior notice.

Outline Dimension Diagram

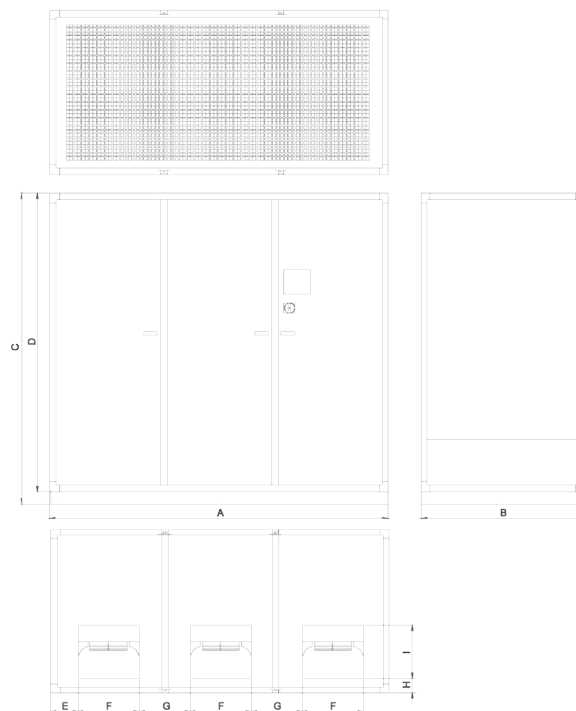


Model No.	Outline Dimension								
PFAC-D250MLA	A	B	C	D	E	F	G	H	I
	1200	950	1960	1910	137	331	264	125	289

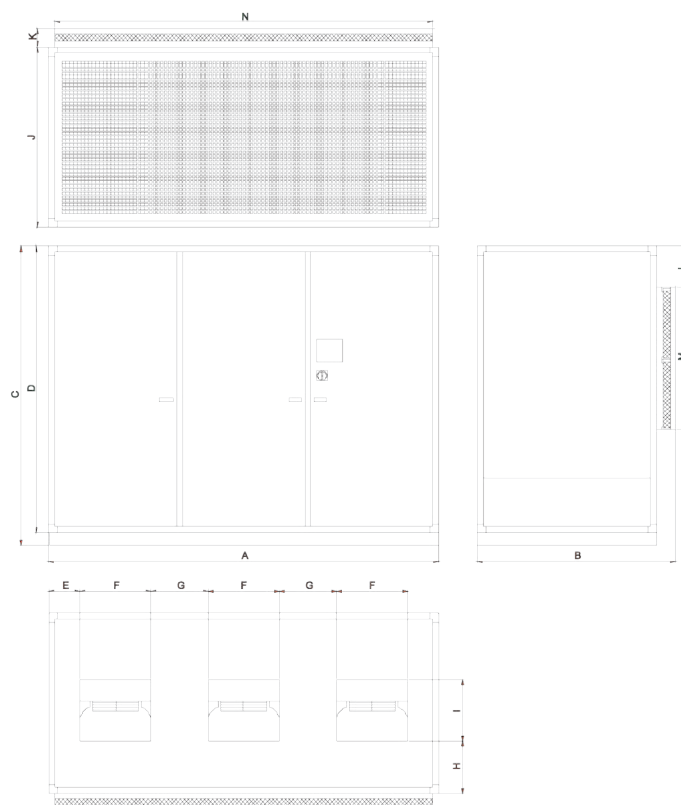


Model No.	Outline Dimension								
PFAC-D300MLA	A	B	C	D	E	F	G	H	I
	1460	950	1960	1910	210	331	378	95	289
PFAC-D400MLA	A	B	C	D	E	F	G	H	I
	1760	1050	1960	1910	252.5	395	465	95	341

Outline Dimension Diagram

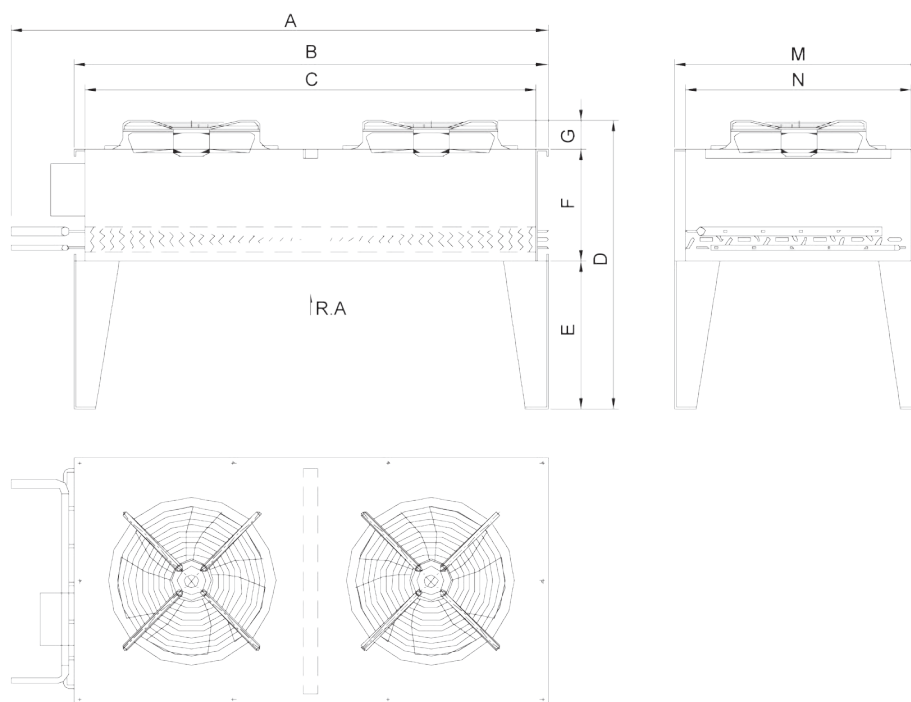


Model No.	Outline Dimension	A	B	C	D	E	F	G	H	I
PFAC-D500MLU		2170	1050	1990	1910	171.5	395	324	95	341
PFAC-D600MLA		2400	1050	1990	1910	283.5	395	324	95	341

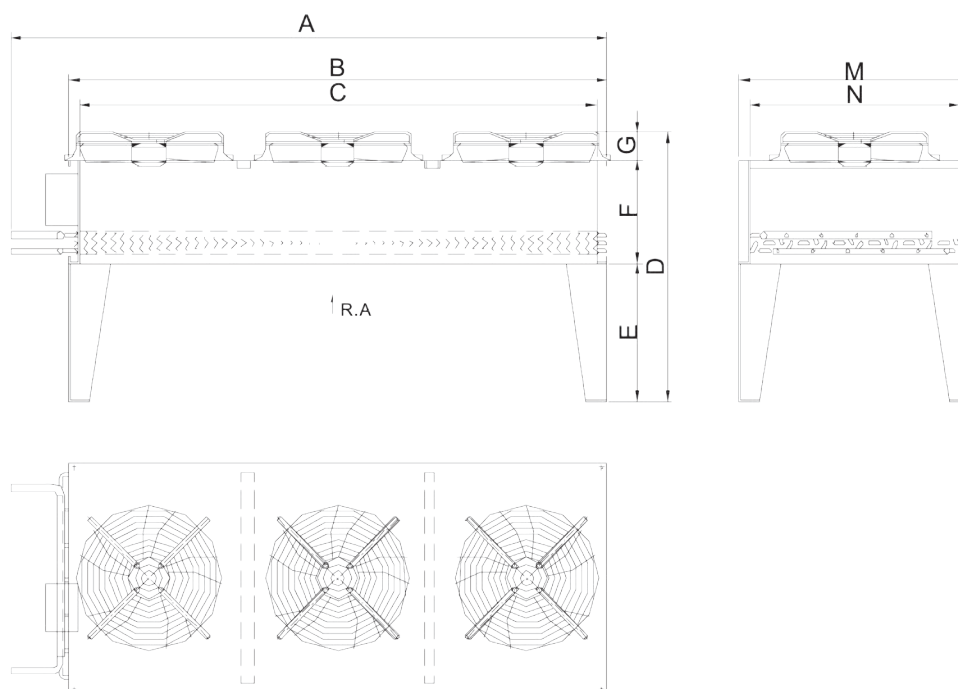


Model No.	Outline Dimension	A	B	C	D	E	F	G	H	I	J	K	L	M	N
PFAC-D800MLA		2600	1325	1990	1910	209.5	471	384	350	404	1200	125	275	940	2520
PFAC-D1000MLA		2600	1325	1990	1910	209.5	471	384	350	404	1200	125	60	1156	2520

Outline Dimension Diagram



Model No.	Outline Dimension								
	A	B	C	D	E	F	G	M	N
PAAE-D130M	1450	1280	1220	780	400	300	80	669.6	609.6
PAAE-D150M	1450	1280	1220	780	400	300	80	669.6	609.6



Model No.	Outline Dimension								
	A	B	C	D	E	F	G	M	N
PAAE-D200M	1730	1560	1500	780	400	300	80	669.6	609.6
PAAE-D250M	2030	1860	1800	780	400	300	80	771.2	711.2
PAAE-D300M	2030	1860	1800	780	400	300	80	771.2	711.2

Products Specifications

Water-Cooling Thermostatic & Humidistatic Air Conditioner Technical Performance Parameters (Top Blow Type)

Item		Mode	PWAC-D 250MLU	PWAC-D 350MLU	PWAC-D 400MLU	PWAC-D 500MLU	PWAC-D 600MLU	PWAC-D 800MLU	PWAC-D 1000MLU	PWAC-D 1200MLU
Cooling Capacity		kW	25	35	40	50	60	80	100	120
		10 ³ kcal/h	21.50	30.10	34.40	43.00	51.60	68.80	86.00	103.20
Power Consumption (Cooling)		kW	8.81	12.13	13.93	17.75	21.25	27.93	34.72	43.06
Running current (Cooling)		A	14.06	17.77	21.68	31.96	35.66	43.13	52.30	69.38
E.E.R.		W/W	2.84	2.89	2.87	2.82	2.82	2.86	2.88	2.79
Electrical Heating		kW	12	12	12	18	18	24	30	36
		10 ³ kcal/h	10.32	10.32	10.32	15.48	15.48	20.64	25.80	30.96
Air Flow		m ³ /h	5800	6600	8800	10000	14000	17800	20000	23800
External Static Pressure		Pa	50	75	75	100	100	100	120	150
Noise		dB(A)	61	63	64	65	66	68	69	71
Temperature Control Accuracy		°C	18°C~28°C ± 1°C							
Humidity Control Accuracy		%	50%~70%RH ± 5%RH							
Power Supply			380 / 3 / 50 - N							
Power Consumption		kW	26.81	30.13	31.93	47.00	50.50	63.18	90.97	105.31
Running Current		A	40.95	44.66	48.58	75.55	79.25	95.84	135.77	161.97
Starting Current		A	87	102	119	179	195	236	306	387
Compressor		Type	Scroll							
		N X kW	2 X 3.39	2 X 4.05	2 X 4.78	2 X 7.44	2 X 7.92	2 X 9.34	3 X 7.92	4 X 7.92
Refrigerant		Type	R-22							
		kg	3.2 X 2	4.0 X 2	4.8 X 2	6.0 X 2	8.0 X 2	10.0 X 2	8.0 X 3	8.0 X 4
Refrigerant Control Method			Expansion Valve							
Running Control Method			Micro-computer Control (the monitoring is non-optional)							
Evaporator		Type	Plate type aluminum fin / Copper tube							
Blowing System	Blower	Type	Centrifugal Fan							
		Power output (n X kW)	2 X 0.54	2 X 0.75	2 X 1.07	2 X 1.19	2 X 1.14	2 X 1.53	3 X 1.63	3 X 1.92
	Filter	Type	G4 Coarse Cotton Net							
Electric Heater		Step	2	2	2	2	2	2	3	3
		kW	12	12	12	18	18	24	30	36
Humidifier		Type	Electrode							
		Capacity(kW)	6	6	6	11.25	11.25	11.25	26.25	26.25
		Humidifying Capacity	5~8	5~8	5~8	10~15	10~15	10~15	25~35	25~35
		Inlet Pipe Dia.	DN15	DN15	DN15	DN15	DN15	DN15	DN15	DN15
Condenser		Type	Shell & Tube Type							
		Water Flow	5.1	7.2	8.2	10.3	12.9	16.7	20.8	25.7
		Water Pressure Drop	8	10	12	15	20	22	25	20
		Inlet (outlet) Pipe Dia. (mm)	DN32 X 1	DN40 X 1	DN40 X 1	DN50 X 1	DN50 X 1	DN65 X 1	DN65 X 1	DN50 X 2
Outline Dimension (before/after packing)		L (mm)	1200/1400	1200/1400	1460/1660	1760/1960	2170/2370	2400/2600	2600/2800	2600/2800
		W (mm)	850/1050	850/1050	850/1050	850/1050	850/1050	850/1050	1175/1375	1175/1375
		H (mm)	1960/2180	1960/2180	1960/2180	1960/2180	1990/2210	1990/2210	1990/2210	1990/2210
Weight (Net/Gross)		Kg	393/503	425/535	487/608	588/723	737/892	823/988	996/1197	1151/1352

1. The cooling capacity is measured under 23°C DB, 17°C WB of return air as well as 30°C of inlet temperature and 35°C of outlet temperature for the cooling water at the indoor side.
2. The content of above-said specifications will be subject to change without prior notice.



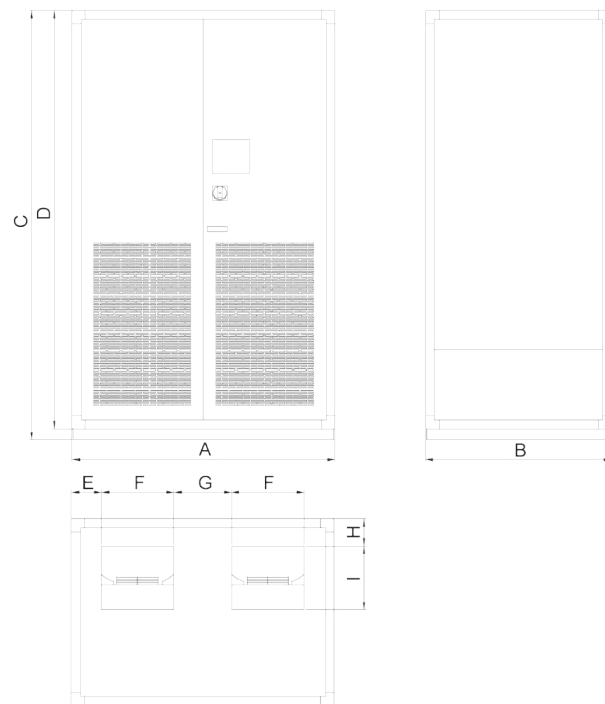
Products Specifications

Water-Cooling Thermostatic & Humidistatic Air Conditioner Technical Performance Parameters (Bottom Blow Type)

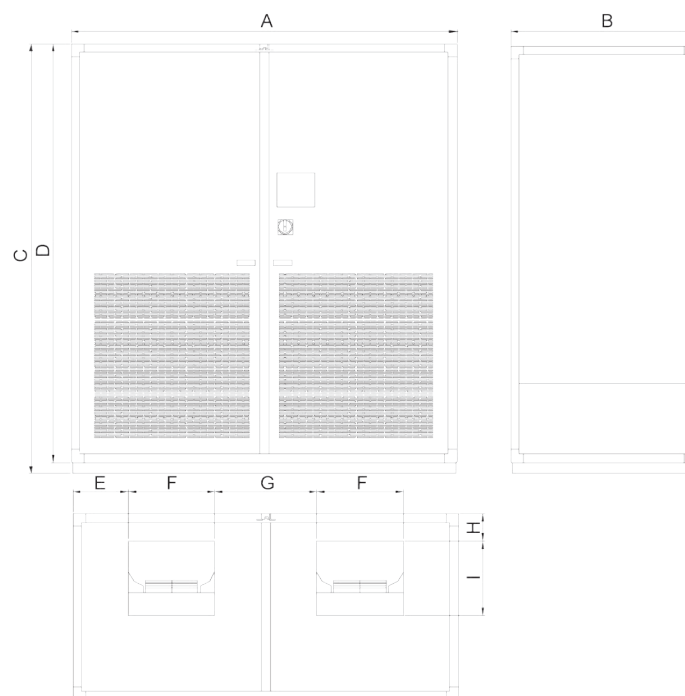
Item		Mode	PWAC-D 250MLA	PWAC-D 350MLA	PWAC-D 400MLA	PWAC-D 500MLA	PWAC-D 600MLA	PWAC-D 800MLA	PWAC-D 1000MLA	PWAC-D 1200MLA	
Cooling Capacity	kW	25	35	40	50	60	80	100	120		
	10 ³ kcal/h	21.50	30.10	34.40	43.00	51.60	68.80	86.00	103.20		
Power Consumption (Cooling)	kW	8.81	12.13	13.93	17.75	21.25	27.93	34.72	43.06		
Running current (Cooling)	A	14.06	17.77	21.68	31.96	35.66	43.13	52.30	69.38		
E.E.R.	W/W	2.84	2.89	2.87	2.82	2.82	2.86	2.88	2.79		
Electrical Heating	kW	12	12	12	18	18	24	30	36		
	10 ³ kcal/h	10.32	10.32	10.32	15.48	15.48	20.64	25.80	30.96		
Air Flow	m ³ /h	5800	6600	8800	10000	14000	17800	20000	23800		
External Static Pressure	Pa	50	75	75	100	100	100	120	150		
Noise	dB(A)	61	63	64	65	66	68	69	71		
Temperature Control Accuracy	°C	18°C~28°C ± 1°C									
Humidity Control Accuracy	%	50%~70%RH ± 5%RH									
Power Supply		380 / 3 / 50 - N									
Power Consumption	kW	26.81	30.13	31.93	47.00	50.50	63.18	90.97	105.31		
Running Current	A	40.95	44.66	48.58	75.55	79.25	95.84	135.77	161.97		
Starting Current	A	87	102	119	179	195	236	306	387		
Compressor	Type	Scroll									
	N X kW	2 X 3.39	2 X 4.05	2 X 4.78	2 X 7.44	2 X 7.92	2 X 9.34	3 X 7.92	4 X 7.92		
Refrigerant	Type	R-22									
	kg	3.2 X 2	4.0 X 2	4.8 X 2	6.0 X 2	8.0 X 2	10.0 X 2	8.0 X 3	8.0 X 4		
Refrigerant Control Method		Expansion Valve									
Running Control Method		Micro-computer Control (the monitoring is non-optional)									
Evaporator		Type	Plate type aluminum fin / Copper tube								
Blowing System	Blower	Type	Centrifugal Fan								
		Power output (n X kW)	2 X 0.54	2 X 0.75	2 X 1.07	2 X 1.19	2 X 1.14	2 X 1.53	3 X 1.63	3 X 1.92	
	Filter	Type	G4 Coarse Cotton Net								
Electric Heater	Step	2	2	2	2	2	2	3	3		
	kW	12	12	12	18	18	24	30	36		
Humidifier	Type	Electrode									
	Capacity(kW)	6	6	6	11.25	11.25	11.25	26.25	26.25		
	Humidifying Capacity (kg/h)	5~8	5~8	5~8	10~15	10~15	10~15	25~35	25~35		
	Inlet Pipe Dia.	DN15	DN15	DN15	DN15	DN15	DN15	DN15	DN15		
Condenser	Type	Shell & Tube Type									
	Water Flow (m ³ /h)	5.1	7.2	8.2	10.3	12.9	16.7	20.8	25.7		
	Water Pressure Drop (KPa)	8	10	12	15	20	22	25	20		
	Inlet (outlet) Pipe Dia. (mm)	DN32 X 1	DN40 X 1	DN40 X 1	DN50 X 1	DN50 X 1	DN65 X 1	DN65 X 1	DN50 X 2		
Outline Dimension (before/after packing)	L (mm)	1200/1400	1200/1400	1460/1660	1760/1960	2170/2370	2400/2600	2600/2800	2600/2800		
	W (mm)	950/1150	950/1150	950/1150	1050/1250	1050/1250	1050/1250	1325/1525	1325/1525		
	H (mm)	1960/2180	1960/2180	1960/2180	1960/2180	1990/2210	1990/2210	1990/2210	1990/2210		
Weight (Net/Gross)	Kg	403/519	435/551	497/625	612/761	768/938	856/1036	1024/1238	1179/1393		

1. The cooling capacity is measured under 23°C DB, 17°C WB of return air as well as 30°C of inlet temperature and 35°C of outlet temperature for the cooling water at the indoor side.
2. The content of above-said specifications will be subject to change without prior notice.

Top Blow Outline Dimension Diagram

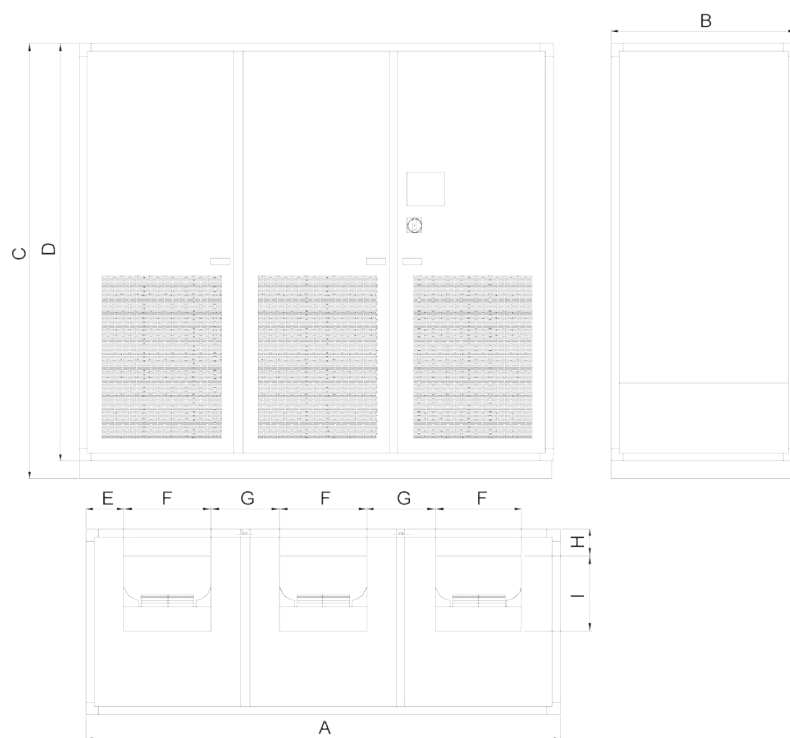


Model No.	Outline Dimension								
	A	B	C	D	E	F	G	H	I
PWAC-D250MLU	1200	850	1960	1910	137	331	264	125	289
PWAC-D350MLU	1200	850	1960	1910	137	331	264	125	289

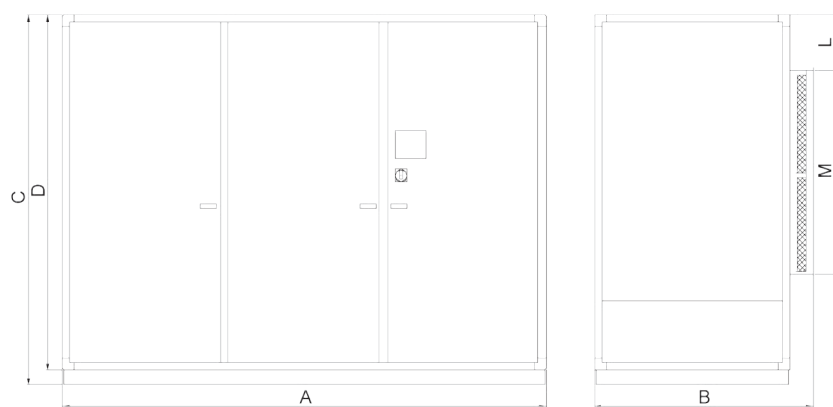
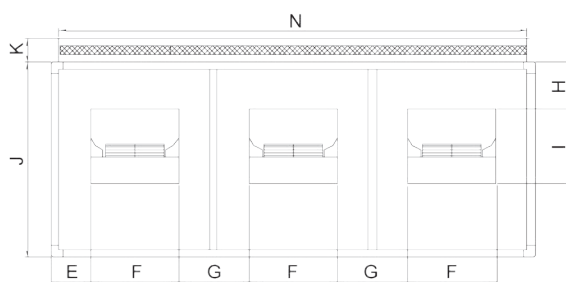


Model No.	Outline Dimension								
	A	B	C	D	E	F	G	H	I
PWAC-D400MLU	1460	850	1960	1910	210	331	378	125	289
PWAC-D500MLU	1760	850	1960	1910	252.5	395	465	125	341

Outline Dimension Diagram

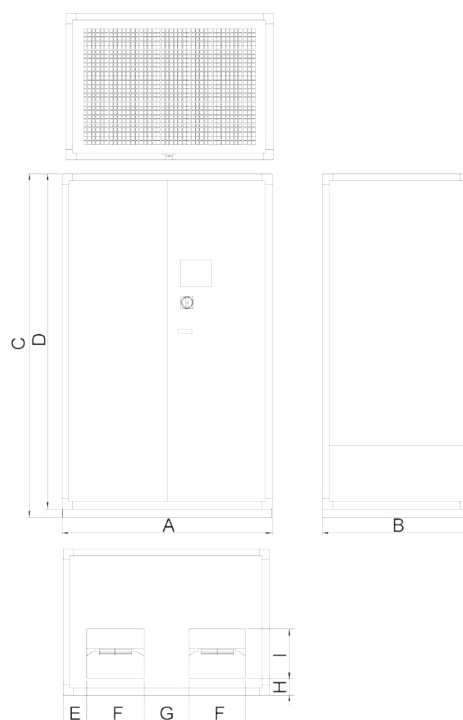


Model No.	Outline Dimension								
	A	B	C	D	E	F	G	H	I
PWAC-D600MLU	2170	850	1990	1910	177.5	395	315	125	341
PWAC-D800MLU	2400	850	1990	1910	216	395	391.5	125	341

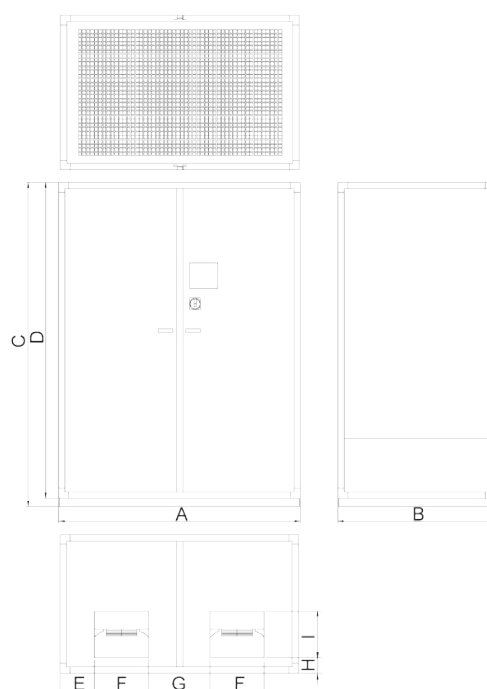


Model No.	Outline Dimension													
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
PWAC-D1000MLU	2600	1175	1990	1910	211	471	382.5	250	404	1050	125	300	1093	2520
PWAC-D1200MLU	2600	1175	1990	1910	211	471	382.5	250	404	1050	125	60	1460	2520

Bottom Blow Outline Dimension Diagram

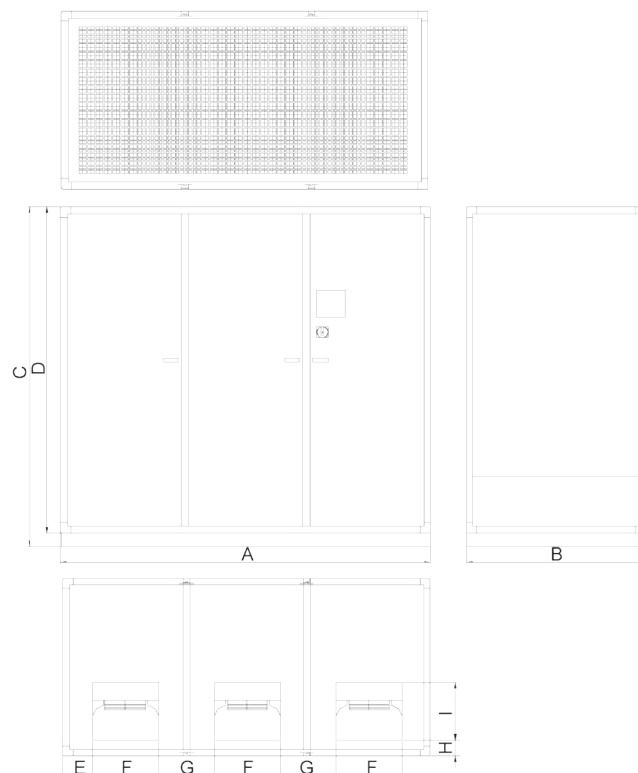


Model No.	Outline Dimension								
	A	B	C	D	E	F	G	H	I
PWAC-D250MLA	1200	950	1960	1910	137	331	264	95	289
PWAC-D350MLA	1200	950	1960	1910	137	331	264	95	289

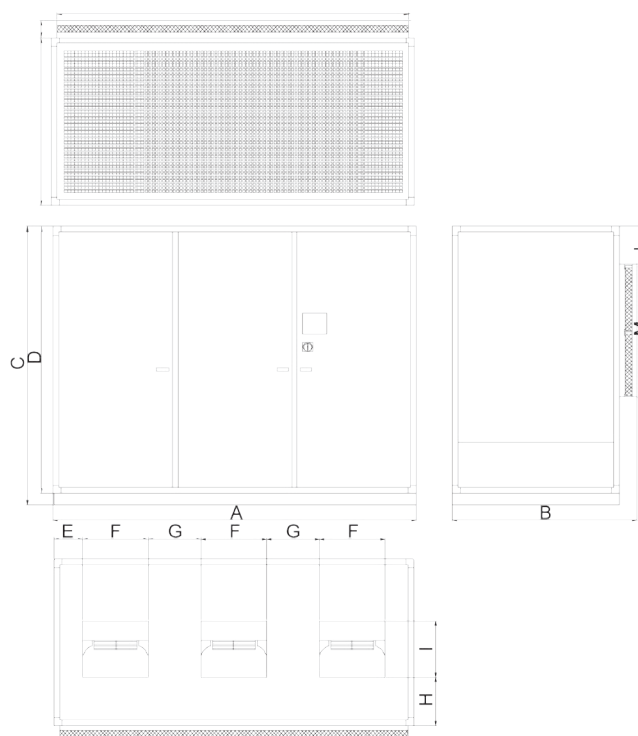


Model No.	Outline Dimension								
	A	B	C	D	E	F	G	H	I
PWAC-D400MLA	1460	950	1960	1910	210	331	378	95	289
PWAC-D500MLA	1760	1050	1960	1910	252.5	395	465	95	341

Outline Dimension Diagram



Model No.	Outline Dimension								
	A	B	C	D	E	F	G	H	I
PWAC-D250MLA	2170	1050	1990	1910	171.5	395	324	95	341
PWAC-D250MLA	2400	1050	1990	1910	283.5	395	324	95	341



Model No.	Outline Dimension													
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
PWAC-D250MLA	2600	1325	1990	1910	209.5	471	384	350	404	1200	125	275	940	2520
PWAC-D250MLA	2600	1325	1990	1910	209.5	471	384	350	404	1200	125	60	1156	2520

Electrical Installation parameter list

Power Supply (V/P/Hz): 380/3/50

Water-cooled type Thermostatic & Humidistatic air conditioner

(Refrigerant Type R-22)

Model	Service Power Wiring Specifications
PWAC-D250MLU/A	3 X 10mm ² + 6mm ² + 10mm ²
PWAC-D350MLU/A	3 X 16mm ² + 10mm ² + 10mm ²
PWAC-D400MLU/A	3 X 16mm ² + 10mm ² + 10mm ²
PWAC-D500MLU/A	3 X 25mm ² + 10mm ² + 16mm ²
PWAC-D600MLU/A	3 X 35mm ² + 16mm ² + 25mm ²
PWAC-D800MLU/A	3 X 50mm ² + 16mm ² + 35mm ²
PWAC-D1000MLU/A	3 X 70mm ² + 16mm ² + 50mm ²
PWAC-D1200MLU/A	3 X 95mm ² + 16mm ² + 50mm ²

Air Cooling Thermostatic & Humidistatic air conditioner

(Refrigerant Type R-22)

Model	Service Power Wiring Specifications
PWAC-D250MLU/A	3 X 16mm ² + 10mm ² + 10mm ²
PWAC-D350MLU/A	3 X 16mm ² + 10mm ² + 10mm ²
PWAC-D400MLU/A	3 X 25mm ² + 16mm ² + 16mm ²
PWAC-D500MLU/A	3 X 35mm ² + 16mm ² + 25mm ²
PWAC-D600MLU/A	3 X 50mm ² + 16mm ² + 35mm ²
PWAC-D800MLU/A	3 X 70mm ² + 16mm ² + 50mm ²
PWAC-D1000MLU/A	3 X 95mm ² + 16mm ² + 50mm ²

Outstanding Technique
Global **TECO**

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