



Features

- Strong and Durable
- Excellent Energy Saving, 1/10 of Air Conditioner
- Easy Maintenance and low Cost
- High Safety Based on European Standard
- Technology of Evaporative Air cooler give Naturally Fresh and cool Air without Spray



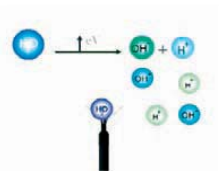
Thicker Cooling Pad



Air Through Cooling Pad



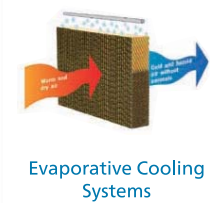
Cooling Pad



*With Plasma Filter for Elimination of Germs and Bacteria



Cooling Pad



Evaporative Cooling Systems

TABLE OF WIND CHILL FACTOR

Wind Velocity	15 °C	20 °C	25 °C	30 °C
3m/s	13	18	24	30
4m/s	11	17	23	29
5m/s	10	17	23	29
6m/s	9	16	22	29
7m/s	9	15	22	29
8m/s	8	15	22	29
9m/s	7	14	22	29
10m/s	7	14	21	29

* Option

EVA-18T Series (Top Discharge)



SPECIFICATIONS	UNITS	EVA-18TIF	EVA-18TF	EVA-18TF-EC	EVA-12TCF
Nominal Air Flowrate(Freeblow)	m ³ /hr cfm	18,000 10,500	18,000 10,500	18,000 10,500	13,600 8,000
Air Flow Rate on Duct @ Design 0.5 Inch-WG-ESP	m ³ /hr cfm	12,100 7,100	12,100 7,100	12,100 7,100	8,500 5,000
Design External Static Pressure	Pa in.wg	125 0.5	125 0.5	125 0.5	225 0.9
Maximun External Static Pressure	Pa in.wg	250 1.0	250 1.0	250 1.0	300 1.2
Fan	Type Diameter	Axial Fan Ø24",6 Blades	Axial Fan Ø24",6 Blades	Axial Fan Ø24",6 Blades	Centrifugal Ø12"L12"
Fan Speed	Level	5	1	1	1
Motor	Type IP Class kW(HP)	Enclosed IP 54 1.1(1.5)	Enclosed IP 54 1.1(1.5)	Enclosed IP 54 1.1(1.5)	Enclosed IP 54 1.5(2.0)
Noise Level	dB(A)	<70	<70	<70	<75
Evaporative Efficiency	%	80-95	80-95	80-95	80-95
Power Supply	V/Pz/Hz	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50
Power Consumption(Freeblow)	kW	1.3	1.2	1.2	3.1
Running Current(Freeblow)	A	6.2	2.3	2.2	5.8
Power Consumption(@Design ESP)	kW	1.8	1.5	1.5	2.1
Running Current(@Design ESP)	A	8.3	2.8	2.7	4.5
Pre-Filter		Yes			
Evaporative Rate	Liter/hr	20-40			
Dimension(W/D/H)	mm	1,070x1,070x1,310			
Unit Weight	kg	89	87	86	120
Cooling Pad Size (WxZ)	mmxmm	790x750 (4 Pads)			
Cooling Pad Thickness	mm	100			
Duct Diameter Size	mm	616			
Duct Size	mmxmm	710x710			

Note : Subject can be changed without prior notice.

EVA-18B Series (Bottom Discharge)



SPECIFICATIONS	UNITS	EVA-18BIF	EVA-18BF	EVA-18BF-EC	EVA-12B CF
Nominal Air Flowrate(Freeblow)	m ³ /hr cfm	18,000 10,500	18,000 10,500	18,000 10,500	13,600 8,000
Air Flow Rate on Duct @ Design 0.5 Inch-WG-ESP	m ³ /hr cfm	12,100 7,100	12,100 7,100	12,100 7,100	8,500 5,000
Design External Static Pressure	Pa in.wg	125 0.5	125 0.5	125 0.5	225 0.9
Maximun External Static Pressure	Pa in.wg	250 1.0	250 1.0	250 1.0	300 1.2
Fan	Type Diameter	Axial Fan Ø24",6 Blades	Axial Fan Ø24",6 Blades	Axial Fan Ø24",6 Blades	Centrifugal Ø12"L12"
Fan Speed	Level	5	1	1	1
Motor	Type IP Class kW(HP)	Enclosed IP 54 1.1(1.5)	Enclosed IP 54 1.1(1.5)	Enclosed IP 54 1.1(1.5)	Enclosed IP 54 1.5(2.0)
Noise Level	dB(A)	<70	<70	<70	<75
Evaporative Efficiency	%	80-95	80-95	80-95	80-95
Power Supply	V/Pz/Hz	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50
Power Consumption(Freeblow)	kW	1.3	1.2	1.2	3.1
Running Current(Freeblow)	A	6.2	2.3	2.2	5.8
Power Consumption(@Design ESP)	kW	1.8	1.5	1.5	2.1
Running Current(@Design ESP)	A	8.3	2.8	2.7	4.5
Pre-Filter		Yes			
Evaporative Rate	Liter/hr	20-40			
Dimension(W/D/H)	mm	1,070x1,100x1,230			
Unit Weight	kg	89	87	86	120
Cooling Pad Size (WxZ)	mmxmm	790x750 (4 Pads)			
Cooling Pad Thickness	mm	100			
Duct Diameter Size	mm	616			
Duct Size	mmxmm	710x710			

Note : Subject can be changed without prior notice.

EVA-18S Series (Side Discharge)



SPECIFICATIONS	UNITS	EVA-18SIF	EVA-18SF	EVA-18SF-EC	EVA-12SCF
Nominal Air Flowrate(Freeblow)	m ³ /hr cfm	18,000 10,500	18,000 10,500	18,000 10,500	13,600 8,000
Air Flow Rate on Duct @ Design 0.5 Inch-WG-ESP	m ³ /hr cfm	12,100 7,100	12,100 7,100	12,100 7,100	8,500 5,000
Design External Static Pressure	Pa in.wg	125 0.5	125 0.5	125 0.5	225 0.9
Maximun External Static Pressure	Pa in.wg	250 1.0	250 1.0	250 1.0	300 1.2
Fan	Type Diameter	Axial Fan Ø24",6 Blades	Axial Fan Ø24",6 Blades	Axial Fan Ø24",6 Blades	Centrifugal Ø12"L12"
Fan Speed	Level	5	1	1	1
Motor	Type IP Class kW(HP)	Enclosed IP 54 1.1(1.5)	Enclosed IP 54 1.1(1.5)	Enclosed IP 54 1.1(1.5)	Enclosed IP 54 1.5(2.0)
Noise Level	dB(A)	<70	<70	<70	<75
Evaporative Efficiency	%	80-95	80-95	80-95	80-95
Power Supply	V/Pz/Hz	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50
Power Consumption(Freeblow)	kW	1.3	1.2	1.2	3.1
Running Current(Freeblow)	A	6.2	2.3	2.2	5.8
Power Consumption(@Design ESP)	kW	1.8	1.5	1.5	2.1
Running Current(@Design ESP)	A	8.3	2.8	2.7	4.5
Pre-Filter		Yes			
Evaporative Rate	Liter/hr	15-35			
Dimension(W/D/H)	mm	1,060x1,230x1,150			
Unit Weight	kg	85	84	83	118
Cooling Pad Size (WxZ)	mmxmm	790x750 (3 Pads)			
Cooling Pad Thickness	mm	100			
Duct Diameter Size	mm	616			
Duct Size	mmxmm	710x710			

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