



EVA-DUCT Series

EVAPORATIVE AIR COOLER
8,000 - 10,500 CFM



8,000 - 10,500 CFM

- **S**trong and Durable
- **E**xcellent Energy Saving, 1/10 of Air Conditioner
- **E**asy Maintenance and low Cost
- **H**igh Safety Based on European Standard
- **T**echnology of Evaporative Air cooler give Naturally Fresh and cool Air without Spray

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	

Note : Subject can be changed without prior notice.

SPECIFICATIONS AND INFORMATION IN THIS BROCHURE
ARE SUBJECT TO CHANGE WITHOUT NOTICE
รายละเอียดผลิตภัณฑ์อาจมีการเปลี่ยนแปลงโดยไม่แจ้งล่วงหน้า

ISO 50001 : 2018
ISO 9001 : 2015
ISO 14001 : 2015

ISO 45001 : 2018
ISO/IEC 17025 : 2017

THAI TASAKI ENGINEERING CO., LTD.
89/55 Moo20, Teparak Rd., Bangpleeyai,
Bangplee, Samuthprakarn 10540
Tel. +66-2-752-5030 Fax. +66-2-752-4220
E-mail : info@tasaki.co.th
Website : www.tasaki.co.th



CAT.NO.TS.DUCT-215-01

WWW.TASAKI.CO.TH

Tasaki