Thermo Electric Panel Cooler

Cooling without compressor and refrigerant, suitable for small sensitive panels

Model	TEC075	TEC150
Cooling Capacity (W)	75	150
Operating Voltage	24V DC	
Power (W)	80	144
Operating temp	-10°C to + 60°C	
Weight (Kg)	5.5	11
Dimensions (W*D*H)	250*200*145	250*400*145

Fan Filter Unit

Its simple and cost effective solutions for enclosure cooling.

Model	PFF 205	PFF 255
Power (W)	1Ph/230V/50-60Hz	
Mounting Cutout (mm)	176*176	223*223
Dimensions Outside (mm)	204*204	255*255
Fan	4"	6"

Drain Evaporator

Protect machine and floor by evaporating the panel air conditioner drain.

Model	PDE100
Capacity of Evaporator (cc/h)	1200
Operating Voltage	1Ph/230V/50-60Hz
Rated Curser (A)	3.8
Power (VA)	836
Dimensions (W*D*H)	180*115*150
Weight (Kg)	2.7

Air Oil Cooler

Cooling a wide variety of oils with ambient air.
Capable of cooling multiple circuits in a single cooler.

Model	AAC 135	AAC 300
Capacity - Kcal/hr	1350	3000
IN/Out Size	½" BSP	1" BSP
Input power	1Ph/220V/50Hz	
Fan	200 Watts	
Dimensions (W*D*H)	760*360*500	

ZAPP Cool®

EMMPPE ASSOCIATES

2/369B, Irugur Road, Chinniampalayam,
Coimbatore - 641 062. Tamilnadu, India
Tel : 91 422 2629655, 2629177
Fax : 91 422 2629930
E-mail : cooler@emmppe.in
Web : www.emmppe.com

Cool Down And Safeguard Your System

MKT/D/03/04

Thermal Management

Panel Cooler
Process Chiller
Heat Exchanger

www.zappcool.com

ZAPP Cool®

AN ISO 9001 - 2015 CERTIFIED COMPANY

DECLARATION OF EC CONFORMITY

Panel Air Conditioner - Face Mount

Extended the life of systems by keeping cool. Turning centre, VMC and HMC CNC machine panel cooling.

060F75	090F75	135F75	200F75	300F00
700	1050	1570	2325	3500
1 Ph/230V/50Hz				
350	620	900	1400	1750
R134a				R22
25	35	44	66	69
340	375	430	425	
260	270	240	290	
455	655	1005	1255	

Air Water Panel Cooler

Cooling Panels at hazzrdous environment like die casting and foundry panels using chilled water

060F	090F	200F	300F	450F	600F
700	1050	2325	3500	5250	7000
1 Ph/230V/50Hz					
65	80	100	150	240	300
200	275	450	600	700	1435
4	4	7	10	15	20
10	15	20	22	30	45
300	390	420		420	420
100	200	200		200	300
470	655	755		1000	1250

Water Chiller

Cools the critical components of machine to enhance the productivity.

WCB005	WCB010	WCB020	WCB030
1.5	3	7	10
1ph/230V/50Hz	3Ph/415V/50Hz		
1.0	2.2	3.0	4.5
0.33	0.55	0.55	0.55
10	20	40	40
1/2" x 1/2" BSP	1"x1" BSP		
58	130	160	200
360*550*400	650*700*1215	750*800*1300	
15	30	50	

Oil Chiller

Hydraulic, spindle & coolant oil cooling, encures accuracy of job within the limit by keeping constant temperature.

OCB010	OCB020	OCB030	OCB040
3	7	10	15
3Ph/415V/50Hz			
2.3	3	5.8	6.4
20 - 43			
20	40		70
	1"x1" BSP		
130	160	200	250
650*700*1215	750*800*1300		1100*1190*1665
0.75	0.75	0.75	1.1

* Please contact us for detailed specification and panel cut-opening dimensions.

Panel Air Conditioner - Top Mount

Suitable for Plasma/Gas Cutting machine panel cooling. It will be installed on top of panel.

Model (PAC)	060T75	090T75	135T75	200T75	300T00
Cooling Capacity (W)	700	1050	1570	2325	3500
Power Input	1 Ph/230V/50Hz				
Power (W)	350	750	900	1400	1750
Refrigerant	R134a				R22
Weight (Kg)	28	35	47	64	68
Dimensions W (mm)	505	745		945	
D (mm)	355	530		550	
H (mm)	365	485		565	

Air Air Panel Cooler

Low cost cooling where required temperature is higher than ambient, wind mill and telecom panels.

(AWC) Model (AAH)	50	80	140	160
(W)Cooling Capacity(W/K)	50	80	140	160
Power Input	1 Ph/230V/50Hz			
Power (W)	116	150	270	340
Air Flow Rate (cfm)	340	505	705	1010
(lpm) Water Flow/ Max Temp (°C)	55			
Weight (Kg)	12	20	30	45
Dimensions W (mm)	315	320	480	620
D (mm)	90	110	155	230
H (mm)	780	1250	1260	1275

Water Chiller

Higher capacity system - centralized cooling system for all kind of industry.

Model	WCB050	WCB075	WCB100	WCB200
Cooling Capacity (kW)	17	26	35	70
Operating Voltage	3Ph/415V/50Hz			
Power : Ref. system (kW)	6.8	14	18.5	28.0
Pump (kW)	1.1	1.5	1.5	4.0
Required flow rate (l/min)	70	70-80	90-100	200
Water In/Out Size (inch)	1"x1" BSP	1 ½"x1 ½" BSP		2"x2" BSP
Weight (kg)	300	400	600	900
Dimensions (W*D*H)	1100*1155*1600	1000*1780*1660		1000*3310*1890
Tank Capacity (lit)	100	200	200	900

Immersion Chiller

Increase the accuracy of the tool, No impurities or metal clog interferes with the cooling.

(OCB) Model (OCI)	OCI010	OCI020	OCI030
Cooling Capacity (kw)	3	7	10
Operating Voltage	3Ph/415V/50Hz		
Power (kw)	2.3	3.0	4.0
(°C) Operating temp (°C)	20 - 43		
Required flow rate (l/min)	20	40	
Oil In/Out Size (inch)	1"x1" BSP		
Weight (kg)	140	170	210
Dimensions (W*D*H)	650*700*1350	750*900*1595	
Pump (kW)	0.75	0.75	0.75

* Design and specification are subject to change without prior notice.