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)	65	135
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	AOC 004	AOC 007	AOC 011
COOLING CAPACITY (Kcal/hr)	750	1500/3000	6000
INPUT VOLTAGE	1Ph/230V/50Hz	3Ph/440V/50Hz	
INPUT POWER (W)	50	550	1100
WEIGHT (KG)	5	16	25
DIMENSIONS W (mm)	250	365	440
D (mm)	145	510	510
H (mm)	259	395	470

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Cool Down And Safeguard Your System

Thermal Management

Panel Cooler
Process Chiller
Heat Exchanger

www.zappcool.com

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.

PAC 060 F	PAC 090 F	TPA 135 F	PAC 200 F	PAC 300 F	TPA 300 F
700	1050	1600	2325	3500	3600
1Ph/230V/50Hz					
350	620	900	1400	1750	1600
R134a				R22	R134a
25	35	44	66	69	81
340	375	430	425		430
260	270	250	290		285
455	655	1005	1255		1540

Air Water Panel Cooler

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

AWC 060 F	AWC 090 F	AWC 200 F	AWC 300 F	AWC 450 F	AWC 600 F
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. Higher capacity system-centralized cooling system for all kind of industry.

WCB010	WCB020	WCB050	WCB075	WCB100	WCB200
3.5	7	17	26	35	70
3Ph/415V/50Hz					
2	4	7	10	13	22
0.33	0.55	1.1	1.5	1.5	4.0
10	20	50	70-80	90-100	200
1"x1" BSP			1 ½"x1 ½" BSP		2"x2" BSP
130	160	300	400	600	900
650*700*1215	750*800*1300	1100*1190*1665	1000*1780*1660		1000*2200*1880
30	50	100	200	200	400

Oil Chiller

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

OCB 010	OCB 020	OCB 030	OCB 050	OCB 100
3.5	7	10	17	35
3Ph/415V/50Hz				
2	3	4	7	13
0.55	0.75	4	3.7	5.5
25	40	60	100	200
1" X 1" BSP			1-1/2" X 1-1/2" BSP	
120	140		250	450
650	750		1100	1000
700	800		1190	1780
1215	1300		1665	1660

* 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 060 T	PAC 090 T	PAC 135 T	PAC 200 T	PAC 300 T
Cooling Capacity (w)	700	1050	1570	2325	3500
Power Input	1 Ph/230V/50Hz				
Power (w)	350	620	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.

Model	AAH 015	AAH 050	AAH 100
(w) Cooling Capacity (w/k)	15	50	100
Power Input	1Ph/230V/50Hz		
Power (w)	38	116	250
Air Flow Rate (cfm)	94	335	770
Water Flow (LPM)/Max Temp (C)	55		
Weight (kg)	6	12	25
Dimensions W (mm)	211	315	625
D (mm)	66	95	90
H (mm)	460	785	780

Laser Water Chiller

Single & Dual Water circuit Maintains water temperature, these chiller are equipped with tank & pump.

Model	LWC 005	LWC 010	LWC 020	LWC 050
Cooling Capacity (kW)	1.5	3.5	7	17
Operating Voltage	3Ph/415V/50Hz			
Power : Ref. system (kW)	1	2	4	7
Pump (kW)	0.33	0.55		0.80
Required flow rate (l/min)	10	30	40	30
Water In/Out Size (inch)	1/2" X 1/2" BSP	1" X 1" BSP		1" X 1" BSP
Weight (kg)	160	180	200	250
Dimensions (W*D*H)	650x700x1215	800x815x1105		800x900x1685
Tank Capacity (lit)	10	20	50	50

Spindle Oil Chiller

Ensure accuracy of the spindle at high speed by maintaining spindle oil temperature pressure & oil viscosity.

Model	SOC 003	SOC 005	SOC 007	SOC 010
Cooling Capacity (kw)	1	1.75	2.9	3.5
Operating Voltage	3Ph/220V/50Hz		1Ph/220V/50Hz	
Power Ref.system	0.6	1.5	2	3
Pump (kw)	0.250	0.33	0.55	
Required Flow Rate(l/min)	6	10	17	
Oil In/out Size(inch)	1/2" X 1/2" BSP		3/4" X 3/4" BSP	
Weight (kg)	60	75	90	110
Dimensions W (mm)	360	490		
D (mm)	440	460		
H (mm)	770	900		

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