

20
YEARS
OF EXCELLENCE
ISO 9001:2015 COMPANY



MPS

Mark-UP Procurement Services



KANTO SEIKI
We Stand behind the brand.

OILMATIC
AUTOMATIC LIQUID TEMP. REGULATOR

COOLMATIC
AUTOMATIC COOLING SYSTEM

 www.mps-india.com

OVERVIEW

MPS design & manufactures precision process cooling systems for different application catering need of wide spectrum of industries ranging from Machine Tool, Telecom, Plating, Pharma, Food and Chemical industries

For making its base strong, MPS has started with repair & maintenance of cooling system of foreign brands like OILMATIC, HAVOR, DIAKIN ETC., than further diversified in to trading of machine tool accessories, spare parts.

TIMELINE



Our Product

We manufacture following products

1. Air-Oil Cooler
2. Panel Air Conditioner
3. COOLMATIC Water Chiller
4. COOLMATIC Oil Chiller
5. Misc Item- Hydraulic Tanks, Lubrication unit, Filtration System, Hydraulic Power-Pack Shell & Tube Heat Exchanger

Service Network

We have service & partners network all over India



PRODUCTS GALLERY



Reach us:

COOLMATIC
AUTOMATIC COOLING SYSTEM

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AIR-OIL COOLER



Air-Oil coolers are utilized in Hydraulic applications where the required temperature of the oil can be above ambient. Generally Hydraulic Oil from the power pack is passed through the Air-Oil coolers and effecting heat transfer. So generally the lowest possible temperature is ambient dry bulb plus 10°C for the given capacity flow. The units are also equipped with a digital temperature indicator cum controller.

We have the following standard models on offer.

Description	Model ▶	CM-AOC 15	CM-AOC 30	CM-AOC 45	CM-AOC 60
Capacity in kilo cal/Hours		1500	3000	4500	6000
Oil flow in LPM		20	30	40	40
Power input in watts		80	120	260	450
Source		Both, 230V 1 Phase 50Hz & 415V 3 Phase 50Hz			
Cooling fan		Axial Fan with basket grill			
Dimensions (mm) (LBH)		450X225X420	750X325X580		850X350X780
Weight-Dry		18	25	40	55

Different capacity and voltage specifications are available on request

Electronic and microprocessors based control panels working for different applications like CNC, VMC, Laser Cutting, Plasama Cutting Machines, Power Plants, Telecom Etc. dissipate heat during operations. If the working temperature of electronic components go beyond permissible limit the components can malfunction and deteriorate earlier then expected. Panel Air-Conditioner maintain the panel temperature below ambient and absorb the heat generated by electrical & electronic componets to avoid entry of dust, dirt and moisture inside the sealed panel the use of ambient air is refrained. We have following standerd models on offer.

PANEL AIR-CONDITIONER



Description	Model ▶	CM-PC 600	CM-PC 1000	CM-PC 1500	CM-PC 2500
Capacity in Watts/Hours		600	1000	1500	2500
Power input in watts		330	645	845	1260
Source		Both, 230V 1 Phase 50Hz			
Refrigerant		R-22 / R-134a / R-407C / R-410a / R-1234f			
Dimensions (mm) (LBH)		300X300X600	380X254X982		465X300X982
Weight in kilograms		28	40	45	60

Different capacity and voltage specifications are available on request

COOLMATIC WATER CHILLER



Water Chillers are utilized in different industries like Foundries, Machine Tools, Plastics, Chemicals, Metal Cutting etc. Our water Chiller are available in both air-cooled and water cooled versions. They are designed and manufactured with the latest engineering expertise to maintain precise temperature as per process requirements year round. Water Chiller units are completely factory assembled, wired, tested and shipped as a single package ready for installation. They can be charged with either refrigerant R-22 or R-134a / R-407C as per customer requirements. These units are equipped with microprocessor based temperature indicator cum controller.

Description	Model ▶	CM-WC 3	CM-WC 4.5	CM-WC 6	CM-WC 15
Capacity in kilo cal/Hours		3000	4500	6000	15000
Oil flow in LPM		10	15	20	50
Power input in watts		1550	2600	3250	7900
Source		230V 1ϕ 50Hz	415V 3ϕ 50Hz		
Refrigerant		R-22 / R-134a / R-407C / R-410a / R-1234f			
Dimensions (mm) (LBH)		390X525X1000	480X750X1175	550X900X1350	700X1180X1350
Weight-Dry		65	80	85	180

Different capacity and voltage specifications are available on request

COOLMATIC OIL CHILLER



Oil Chiller are utilized to maintain the temperature of the Hydraulic Oil, Lubrication Oil & Spindle Oil in the system or tank at a nominal level (Predetermined). The cooling system reduces the down time of the machine by avoiding damages to the Oil seals, Springs, Gaskets, Bearings, Spindle motor or rotary joint due to excessive temperature buildup otherwise. These units are also available as In-line Models, Dual Circuit Models and Tank Mounted Models for various applications.

Description	Model ▶	CM-OC 20	CM-OC 30	CM-OC 45	CM-OC 60
Capacity in kilo cal/Hours		2000	3000	4500	6000
Oil flow in LPM		20	30	40	50
Power input in watts		1300	1550	1800	2300
Source		230V 1Phase 50Hz		415V 3Phase 50Hz	
Refrigerant		R-22 / R-134a / R-407C / R-410a / R-1234f			
Dimensions (mm) (LBH)		390X525X1000		480X750X1175	550X900X1350
Weight-Dry		55	65	80	85

Different capacity and voltage specifications are available on request

Trading of CNC Machine Parts

Products Handled by us as below:

Special Grease				
Hydraulic System				
Cycone Filtration				
Pneumatic System				
Lubrication System				
Grinding Wheel, Cutting Wheel				
FRL UNIT		Mist Cleaner, Smog Catcher		
Purging Compount		Rotary Joints & OIL Skimmer		
Coolant Nozzle		Press Monitoring & Safety Device		
Clamp		High Pressure AC GAS Couplier		
Holding Magnets		Heater . Thermocouple, Tube		
FINS CLEANER		SEAL, Reed Switch		

Preventive Maintenance

With our 20 Years of experience in repairing Oil Chiller units, OILMATIC Chillers and Panel Air Conditioners, we gained the trust of various customers.

Good Maintenance extends life and reduce wear and tear of parts, make the machine always available at full efficiency. An annual maintenance contract (PM) and preventative maintenance reduce repair costs and reduce the use of electric energy. We conduct preventive maintenance with hot water or steam, example as shown above.

OILMATIC CONDENSER



After

Before

REPAIR SERVICE

Imported Machine from foreign countries uses oil cooling unit and panel air conditioner. It has different electricity and control systems such as 200V, 50Hz, 3 Phase. If damaged or damaged up, It is very difficult to find its solution. It is causing the machine to stop working and adversely affecting the production system of the factory. We provide repair service, preventive maintenance of such systems. We can handle repair of following brands spindle oil, hydraulic oil or coolant chiller and water chiller.



Supply of Imported Chiller Parts

We are One -Stop Shop, along with repair, we also keep spare parts of foreign brand chillers and panel air condition such as mentioned below

			Reciprocating Compressor, Rotray Compressor, Scroll Compressor for OIL Chiller, Panel AC
			
			Pump Motor Relief Valve Assembly
			Electric Motor
			Heat Exchanger- Braze Plate
			Expansion Valve, Pressure Switch
			Oil Filter
			Temperature Sensor, Temperature Controller, Control Card, Power Card, Display, Inverter Card
			Condenser Coil
			Electrical Parts Relay, Contactor etc.



Our Partners to Growth



COOLMATIC

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AUTHORIZED DISTRIBUTOR IN INDIA



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