

**Mfg. of All Type of Chiller & Refrigeration Equipment  
Installation Services & Maintenance for HVAC Project**



## ABOUT COMPANY

Ozone Air Solution is incorporated in year 2012, Now Becomes Ozone Air solution limited as an ISO 9001:2015 Certified company in India. We are Manufacturing Chiller with widest range of capacity having exports to all over India. Our Product range includes the Screw Chillers, Scroll Chillers, Reciprocating Chillers as well as Customized Chillers, Heat pump, Air dryers, Marine Chiller, Process Chiller, Laser chiller and Many HVAC Equipments precisely designed and made as per the peculiar process cooling applications, some of them Brine Chillers, We are accredited for the management as well as engineering processes and are approved through various prestigious consultants and certifying bodies for the specific process cooling applications across the country .

As specialists in the refrigeration industry, we provide solutions for almost all the segments, through the widest range of technologies in fluid compression as well as largest capacity and temperature ranges. The capacities range from 2TR to 500 TR and the temperatures, from +50°C to -55°C. We make use of almost all popular refrigerants like R-134a, R-404A, R-407C, R-410A, R-22 and NH3..

## OUR TEAM

We are backed by a well experienced team of professionals who work in complete coordination and passion with each other to enable quality range of chillers and accessories. By adopting modern manufacturing techniques and advance technology, we strive to provide our customers with quality range of products. Our strong quality assurance systems conform to international standards, making us a reputable name in the industry.

# VISION

Ozone Air Solution Ltd. strives to be the premier Chiller Manufacturer and service provider setting high unmatched standards for all service providers – providing quality, value, and customer satisfaction. We “Ozone Air Solution Ltd” want to become the leader in Chiller & HVAC Equipment Manufacturing, Installation and service provider in india.

# MISSION

To deliver superior Chiller & HVAC service with an unmatched client experience, resulting in the highest levels of respect from our community and a rewarding environment for our employees to succeed. Never accepting past performance as good enough: but continuing to strive for new levels of excellence.

## OUR PRESENCE IN INDUSTRIES

- Industrial Process Industries
- Pharma Industries
- Chemical Industries
- Hospitals & Malls
- Water & Beverages
- FMCG & Dairy Product
- Diamond Process Ind.
- Plastic Industries
- Comfort Cooling
- Corporate Offices
- Cold Rooms





# Industrial Process Chiller

We Ozone Air solution Ltd are manufacturers, suppliers & exporters of high-quality Industrial water chillers from India. Our Water Chillers are designed following international standards. It is manufactured using renowned scroll compressors make available from Danfoss and Copeland. The design of our water chiller is fully microprocessor based suitable for cooling applications ranging from (+) 20°C up to (-) 40°C and for lower temperatures It is engrossed with multiple scroll compressors along with individual refrigeration circuits. Thus, is rated for an ambient of up to (+) 50 ° C and cooling tower water temperature up to (+) 37°C at the inlet of the condenser. The clients have an option of using CFC free refrigerant R-407c & R-410a along with in-built process pump and stainless steel chilled water expansion tank.



## Features :

- Capacity ranges from : 1 TR to 50 TR
- Easy Installation
- Instant Cooling
- Less Power Consumption
- Efficient Performance
- Durable Standard
- Fully automatic PLC based units with remote operation and data logging facilities

## Advantage :

- Well balanced refrigeration system
- Optimized selection of components
- Precision temperature control
- Evaporator options - Plate type, Immersed coil, Shell and Tube, Shell and Coil
- Digital temperature controllers
- Relay Logic / PLC control options
- Components from reputed manufactures for trouble free operation and long life
- Factory tested for hassle free start up and operation
- Powder coated panels with customized shade selection for select models
- Safety devices for machine and human safety
- Available with eco-friendly refrigerant options

## Applications :

- Automobile, Mechanical & Machine Tool, Heat Treatment, Component Washing/Cooling
- Plastic : Injection Molding, Blow Molding, Extrusion, Thermoforming, Environmental Test Chambers, Drive Cooling, Hydraulic Oil Cooling.
- Pharmaceutical & medical: Laboratory Applications, Jacketed Vessels Cooling
- Chemical : Anodizing and Electroplating
- Laser : Profiling, Cutting, Marking
- Metal Fabrication
- Printing & Packaging





# Package Chillers

Ozone Packaged Air-Cooled Chiller is a cooling device that contains all of its primary components outside on a single package and produces a cooling effect by chilled air. Chiller brand Packaged Air Cooled Chiller is reliable in its operation configured by condenser centrifugal fans and copper condenser coils that prevent the unit from dust and debris entry, clogging, or rust and ensure steady performance.

Packaged Air-Cooled Chiller is a cooling device that contains all of its primary components outside on a single package and produces a cooling effect by chilled air.



## Features :

- Cooling capacity ranges from 0.5 TR to 50 TR
- Temperature control ranges -3°C to 20°C
- Branded rotary, piston, or scroll compressor
- Efficient evaporator-in-tank configuration
- Stainless steel storage tank with insulation
- Centrifugal fans and copper condenser coils
- Packaged unit with internal pump and tank

## Package Chiller Technical Specification

Package Chiller Technical Specification																		
Description	Model	OAS6-TRAC	OAS8-TRAC	OAS12-TRAC	OAS18-TRAC	OAS22-TRAC	OAS27-TRAC	OAS36-TSLAC	OAS48-TSLAC	OAS60-TSLAC	OAS72-TSLAC	OAS96-TSLAC	OAS120-TSLAC	OAS180-TSLAC	OAS288-TSLAC	OAS384-TSLAC	OAS480-TSLAC	OAS600-TSLAC
Cooling Capacity	KW	1.65	2.85	3.7	5.62	6.8	8.35	10.8	13.9	16.9	21.6	27.9	33.8	55.8	86.9	114	140	175
	TR	0.5	0.7	1	1.5	1.9	2.3	3	4	5	6	8	10	15	24	32	40	50
Input Power	KW	0.88	1.35	2	2.25	2.66	3.27	4.07	5.75	6.45	8.25	11.5	12.9	22	33.3	44.9	57.3	65
Max Current	A	5.4	8.2	12	13	6.6	8.2	10.1	13.8	15.5	20	27.9	31.3	53.8	81	109	135.5	135
Power Supply		220V-380V/1PH,50Hz /60Hz					380-420V/3PH,50Hz /60Hz											
Refrigerant	Type	R22/R407C/410A/R134A																
	Control	Capillary / Thermostatic Expantion Valve																
Compressor	Type	Hermetic Scroll																
	Power(KW)	0.45	0.89	1.3	1.73	2.1	2.7	3.5	4.55	5.25	3.5x2	4.55x2	5.25x2	4.55x2	13.6x2	18.7x2	23.6x2	27.4x2
Condensor	Type	Hermetic Rotary					Efficient finned copper tube with aluminum+low noise external Axial fan											
	Air Flow (m3/h)	750	1000	1500	2000	2500	3000	4000	5000	6000	8000	10000	12000	20000	30000	40000	50000	60000
	Air blower (KW)	0.06	0.09	0.15	0.15	0.019	0.14x2	0.14x2	0.19x2	0.19x2	0.25x2	0.45x2	0.45x2	0.78x2	0.42x6	0.6x6	0.78x6	0.78x6
Evaporator	Type	SS Tank coil/ Shell and tube type/plate type heat exchanger																
	Flow m3/h	0.28	0.49	0.64	0.97	1.12	1.44	1.86	2.4	2.91	3.17	4.8	5.8	9.6	14.9	19.6	23.8	29
	inlet/outlet	1/2"	1/2"	1/2"	1/2"	1"	1"	1"	1"	1"	1-1/2"	1-1/2"	2"	2"	2-1/2"	2-1/2"	3"	3"
Safty protection		Compressor inner protection,over current ,high/low pressure ,over temperature ,flowrate,phase sequence/phase missing ,low level coolant ,anti freezing,exhaust overheat,																
Dimension	Length	500	560	600	600	720	850	980	1100	1180	1450	1530	1530	1850	2250	2200	2200	2870
	Width	350	420	420	480	550	580	520	580	620	750	750	750	1000	1400	1600	1700	1550
	Height	600	720	770	910	1350	1030	1170	1350	1350	1500	1630	1630	1850	1950	2050	2050	2000

# Air-Cooled Screw Chillers

Air-Cooled Screw Chillers We make A new generation of Air Cooled Screw Chillers with refrigerant R134a,R 407c,R404 is being added to the present range of R22-Air Cooled. These Chillers are energy efficient and robust in construction and are developed with latest technology which includes R134a optimized screw compressor, highly efficient DX cooler and air cooled condenser. It is designed using microprocessor that is suitable for working at ambient temperature ranging from (+) 20°C up to 50°C and for low lower temperatures of up to (-) 50°C please refer brine chillers. The supposed screw compressor imported from Bitzer (Germany) and frascold (Italy).



## Features :

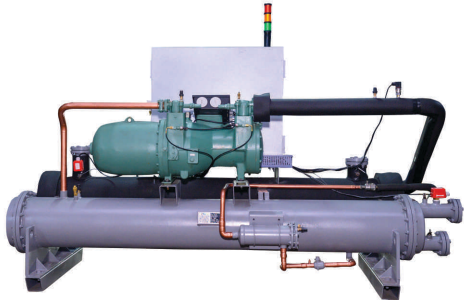
- Capacity ranges from 31 TR to 230 TR
- Available with eco-friendly R-134a/R-404a/R-407c refrigerant.
- Advanced control panel.
- Extremely low noise and vibration.
- Factory fitted excellent protection controls.
- Precise continuous capacity control technology (25% to 100%)
- Electronic expansion valves for increased efficiency and precise temperature control
- Fully automatic PLC based units with remote operation and data logging facilities

Air Cooled Scerw Chiller Technical Specifications															
Description	Model	OAS372-TSAC	OAS480-TSAC	OAS648-TSAC	OAS720-TSAC	OAS840-TSAC	OAS972-TSAC	OAS1152-TSAC	OAS1380-TSAC	OAS1464-TSAC	OAS1680-TSAC	OAS1944-TSAC	OAS2112-TSAC	OAS2316-TSAC	OAS2760-TSAC
Cooling Capacity	kcal/h	94600	122980	164260	180600	212420	245100	292400	348300	369800	424840	490200	533200	584800	699600
	KW	110	143	191	210	247	285	340	405	430	494	570	620	680	810
	TR	31	40	54	60	70	81	96	115	122	140	162	176	193	230
Input Power	KW	43.6	54.7	73.6	79.6	88.2	101.2	123.8	145	155	177.2	207.6	225.6	247.6	290
Max Current	A	75	95	125	135	151	173	211	246	263	308	358	388	428	500
Power Source		3PH~380V/415V/480V~50Hz/60HZ													
Refrigerant	Type	R22a/R134a/R407c/R404a													
Compressor	Power ( KW)	40	50	67	73	82	95	115	134	143	82x2	95x2	104x2	115x2	134x2
	Capacity Control (%)	0-25-50-75-100													
Evaporator	Type	Shell and tube type/plate type heat exchanger													
	Flow (m3/h)	18.9	24.6	32.8	36.1	42.5	49	58.4	70	74	85	98	106.6	117	139.3
	Connection (inch)	3"	3"	3"	3"	4"	4"	4"	5"	5"	6"	6"	8"	8"	8"
Condenser	Type	Air cooled type high efficiency finned copper tube													
Fan	Power ( KW)	0.6x6	0.78x6	1.1x6	1.1x6	0.78x8	0.78x8	1.1x8	1.1x10	1.1x12	1.1x12	1.1x16	1.1x16	1.1x16	1.1x20
	Air Volume (m3/h)	40000	50000	70000	80000	90000	100000	116000	145000	165000	180000	205000	225000	242000	285000
Safty Protection Devices		Compressor inner protection, over current protection, high/low pressure protection, over temperature protection, flow rate protection, phase sequence/phase missing protection, low level coolant protection, anti freezing protection, exhaust overheat protection													
Dimension	Length	2350	2600	2650	2650	3400	3400	3800	4800	5800	5800	7800	7800	8000	9800
	Width	1350	1500	1900	1900	1700	1700	1900	1900	1900	2200	2000	2200	2200	2200
	Height	2000	2100	2200	2200	2200	2200	2200	2200	2200	2300	2250	2250	2300	2350
Net Weight	KG	1300	1600	2200	2350	2550	2800	2950	3200	3550	3950	4330	4650	4930	5450

# Water-Cooled Screw Chillers

A water-cooled chiller is one of the types of chillers that removes heat from it to cool the water used in projects or industrial or domestic structures and re-enters the water into the operation cycle. In fact, chillers transfer heat from a space that needs temperature control and transfer it to another space.

We offer a wide range of Water Cooled Screw Chiller manufactured using high grade materials. It is fabricated using screw compressors sourced from bitzer (Germany) and frascold (Italy). The chillers are available in multiple compressors only in one machine having separate and individual refrigeration circuits. Designed to meet the set industrial norms, our company is ISO certified manufacturing unit. It performs the operation using CFC free refrigerants r-407c & r-134a complete with in-built process pump and stainless steel chilled water expansion tank. Our range is rated for an ambient of up to (+) 50A°c and cooling tower water temperature up to (+) 37°c at the inlet of the condenser. The equipment is designed using a microprocessor and is suitable for process cooling applications ranging from (+) 20°c up to (-) 40°c



## Features :

- Capacity ranges from 28 TR to 250 TR
- Available with eco-friendly R134a/R404/R407c/R410 refrigerant.
- Advanced control panel.
- Extremely low noise and vibration.
- Factory fitted excellent protection controls.
- Precise continuous capacity control technology (25% to 100%)
- Electronic expansion valves for increased efficiency and precise temperature control
- Fully automatic PLC based units with remote operation and data logging facilities.

Water Cooled Screw Chiller Technical Specifications

Description	Model	OAS336-TSWC	OAS456-TSWC	OAS588-TSWC	OAS648-TSWC	OAS780-TSWC	OAS864-TSWC	OAS1020-TSWC	OAS1188-TSWC	OAS1272-TSWC	OAS1416-TSWC	OAS1680-TSWC	OAS1764-TSWC	OAS1944-TSWC	OAS2112-TSWC	OAS2172-TSWC	OAS2556-TSWC	OAS2796-TSWC	OAS3000-TSWC
Cooling Capacity	kcal/h	86000	116100	150500	163400	197800	219300	258000	301000	322500	356900	425700	447200	490200	533200	550400	645000	705200	756800
	KW	100	135	175	190	230	255	300	350	375	415	495	520	570	620	640	750	820	880
	TR	28	38	49	54	65	72	85	99	106	118	140	147	162	176	181	213	233	250
Input Power	KW	22	30	37	42	51	56	65	75	80	90	103	109	118	127	131	151	167	177
Max Current	A	40	53	67	73	89	97	109	126	137	153	177	187	203	218	225	260	288	306
Power Source		3PH~380V/415V/480V~50Hz/60HZ																	
Refrigerant	Type	R22a/R134a/R407c/R404a																	
	Control	Thermostatic/ electrical expansion valve																	
Compressors	Type	Semi-hermetic screw																	
	Power ( KW)	22	30	37	42	51	56	65	75	80	90	103	109	118	127	131	151	167	177
	Capacity Control (%)	0-25-50-75-100																	
Evaporator	Type	Shell and tube type/plate type heat exchanger																	
	Flow (m3/h)	17.2	23.2	30	32.7	40	43.9	51.6	60.2	64.5	71.4	85.1	89.4	98	106.6	110	129	141	151.3
	Connection (inch)	3"	3"	3"	4"	4"	4"	4"	4"	5"	5"	5"	5"	6"	6"	6"	8"	8"	10"
Condenser	Type	Water cooled type shell and tube heat exchanger																	
	Flow (m3/h)	21	28.4	36.6	40	48.3	53.5	62.8	73	78.2	86.8	102.8	108.2	118.3	128.5	132.6	155	169.7	181.8
	Connection (inch)	3"	3"	3"	4"	4"	4"	4"	4"	5"	5"	5"	5"	6"	6"	6"	8"	8"	10"
Safety Protection Devices		Compressor inner protection, over current protection, high/low pressure protection, over temperature protection, flow rate protection, phase sequence/phase missing protection, low level coolant protection, anti freezing protection, exhaust overheat																	
Dimension	Length	2150	2350	2450	2600	2750	2800	2800	2900	2900	3000	3000	3100	3300	3500	3800	3900	4100	4300
	Width	560	620	650	680	780	950	950	950	950	1200	1200	125	1380	1380	1380	1380	1450	1480
	Height	1550	1650	1650	1650	1650	1800	1950	1950	1950	1580	1580	1630	1630	1750	1750	1750	1780	1780
Net Weight	KG	650	900	1050	1200	1550	1800	1900	2050	2050	2350	2500	2500	2650	2850	3150	3350	3650	3850



# Air-Cooled Reciprocating Chillers

Reciprocating chillers are adapted with reciprocating compressor brands like Bock, Carrier, Sea-bird, Bitzer (Germany), Emerson. These chillers are fully automatic control based and applicable for process temperature at +20c to -40c. These chillers are manufactured by using world class standard heat exchanger, and refrigerant control device. These machines are designed on the base of CFC free refrigerants - R134a/R404/R407c/R410

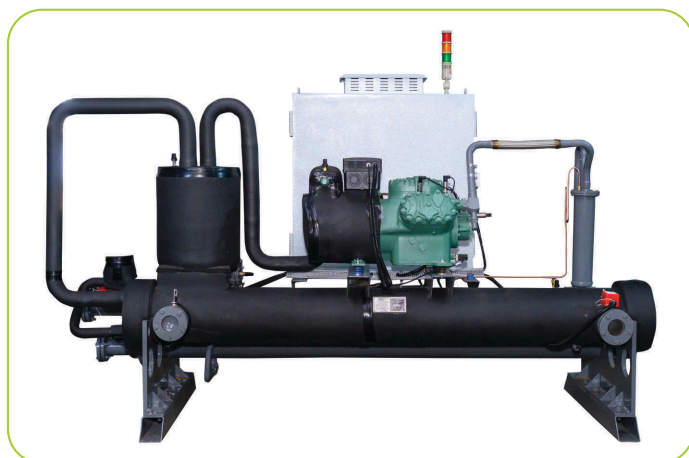


## Features

- **Capacity ranges from :- 10 Tr to 100 Tr**
- **Environment-friendly** very stable and operation friendly refrigerant R-407c/R-134a
- **Electronic expansion** valves for increased efficiency and precise temperature control.
- **Low FPI count and high** condensing area together with low noise, high flow, pressure-controlled axial fans, ensuring best possible energy efficiency while being operable within the harshest ambient conditions.
- **Capacity** control from 25% to 100% adapting precisely to varying process loads.
- **Fully automatic PLC** based units with remote operation and data logging facilities.
- **Customized turnkey** cooling solutions available.

# Water-Cooled Reciprocating Chillers

Designed to work in extreme tropical conditions, the Ozone Water-cooled Reciprocating Chillers are energy efficient and environmental friendly. These chillers are designed and manufactured within the best available facilities and are tested as per the most stringent international parameters. Also provided are a Holiday feature, allowing special start/stop times to be set for designated holidays, and a Manual Override feature to aid servicing. If the automatic schedule feature is not required, the micro can be programmed to run the chiller on demand as long as the Chiller ON/ OFF and System switches are in the ON position These water cooled reciprocating chillers are used in specific industrial applications, where the fluid temperatures and other factors are of primary importance. These chillers are custom designed in accordance with special process requirements.



# Hydraulic Oil Chillers

Ozone Hydraulic Oil Chiller is a cooling device that is used to execute the chilling effect in oil used in hydraulic machines or lubricating oils processing. Hydraulic machinery is installed with hydraulic oil that gets heated during processing. Hydraulic Oil Chiller protects the machine from damage by absorbing extra heat from oil by direct contact with oil for heat transfer at the heat exchanger. Hydraulic Oil Chiller configured with simple, rugged design with less number of moving parts ensuring efficient, durable performance of unit with a lower cost of maintenance.



## Oil Chillers are Used To Cool The Following Oils

### Coolant Oil

Coolant Oil Chillers are used to maintain temperature of coolants, thereby maintaining the surface finish and accuracy of the component to be machined.

### Spindle Oil

Spindle Oil Chillers are used to maintain temperature of spindle oil which prevents the deformation of spindle, resulting in better surface finish and accuracy of components.

### Cutting Oil

Cutting Oil Chillers are used to maintain temperature of cutting oil, which improves the life of the tool and provides better surface finish and accuracy of the components.

### Hydraulic Oil

Hydraulic Oil Chillers maintain the temperature of hydraulic oil and thereby its viscosity for smooth working of machine tools.

### Hydraulic Oil Chiller Technical Specifications

Description	Model	OAS12-TROAC	OAS18-TROAC	OAS22-TROAC	OAS27-TROAC	OAS36-TROAC	OAS48-TROAC	OAS60-TROAC	OAS72-TROAC	OAS96-TROAC	OAS120-TROAC	OAS150-TROAC	OAS198-TROAC	OAS230-TROAC	OAS296-TROAC
Cooling capacity	Kcal/h	3182	4833	5848	7181	9288	11988	14534	18576	23994	29068	38270	49966	58480	74922
	KW	3.7	5.62	6.8	8.35	10.8	13.94	16.9	21.6	27.9	33.8	44.5	58.1	68	87.2
Input power	KW	2	2.25	2.66	3.27	4.07	5.75	6.45	8.25	11.5	12.9	17.45	21.73	25.4	33.1
Max Current	A	12	13.6	6.6	8.2	10.1	13.8	15.5	20	27.9	31.3	42.4	52.7	63.7	80.2
Power source		1PH200V~230V/ 50HZ/60HZ		3PH 380V/415V/480V 50Hz/60Hz											
Refrigerant	Type	R22/R407C/134a/404A/410A													
	Control	Capillary / thermostatic expansion valve													
Compressor	Type	Hermetic Rotary				Hermetic scroll									
	Power(KW)	1.3	1.73	2.1	2.7	3.5	4.55	5.25	3.5×2	4.55×2	5.25×2	7×2	8.96×2	10.8×2	8.96×3
Condenser	Type	Efficient finned copper tube with aluminum+low noise external rotor fan													
	Air flow (m³/h)	1500	2000	2500	3000	4000	5000	6000	8000	10000	12000	15000	20000	25000	30000
	Air blower KW)	0.15	0.15	0.19	0.14×2	0.14×2	0.19×2	0.19×2	0.25×2	0.45×2	0.45×2	0.6×2	0.78×2	0.78×2	0.42×6
Evaporator	Type	SS Tank coil / shell and tube type / Plate type heat exchanger													
	(m³/h)	0.76	1.16	1.4	1.72	2.23	2.88	3.49	4.46	5.76	7	9.18	11.99	14.03	18
	Inlet/outlet pipe	1/2"	1/2"	1"	1"	1"	1"	1"	1-1/2"	2"	2"	2"	2"	2-1/2"	2-1/2"
Oil pump	Power (kw)	0.37	0.37	0.37	0.37	0.37	0.75	0.75	0.75	1.5	1.5	2.2	2.2	2.2	4
	Max flow (m3)	5.4	5.4	5.4	5.4	5.4	8.1	8.1	8.1	13.5	13.5	25.2	25.2	25.2	36
Dimension	L(mm)	600	600	720	850	980	1100	1180	1450	1530	1530	1650	1850	1900	2250
	W(mm)	420	480	550	580	520	580	620	750	750	750	910	1000	1050	1400
	H(mm)	770	910	1350	1030	1170	1350	1350	1500	1630	1630	1740	1850	1970	1950

# Laser Chiller

Ozone air solution Ltd Laser is extremely sensitive to heating so Laser Chiller is being used to control the temperature of laser machining at precise working value, configured by the use of hot gas bypass that regulates evaporating pressure and supports persistent cooling. Laser Chiller is a cooling device that produces a cooling-based or refrigeration system in laser machines and laser processing regulating optimal temperature preventing the laser from wavelength deviation.

## Features :

- Cooling capacity ranges from 1.65 KW to 44.5 KW
- Temperature control ranges from 7°C to 35°C
- Top branded, cooling efficient scroll compressor
- Deionized water installation in refrigeration coils
- Stainless steel water tank & built-in water pump
- Compact design easy installation and maintenance
- Precisely engineered for use cooling laser machine



**Laser Chiller Technical Specifications**

Description	Model	OAS6-TRLAC	OAS8-TRLAC	OAS12-TRLAC	OAS18-TRLAC	OAS22-TRLAC	OAS27-TRLAC	OAS36-TRLAC	OAS48-TRLAC	OAS60-TRLAC	OAS72-TRLAC	OAS96-TRLAC	OAS120-TRLAC	OAS150-TRLAC
Cooling capacity	Kcal/h	1419	2451	3182	4833	5848	7181	9288	11988	14534	18576	23994	29068	38270
	KW	1.65	2.85	3.7	5.62	6.8	8.35	10.8	13.94	16.9	21.6	27.9	33.8	44.5
	TR	0.5	0.7	1	1.5	1.9	2.3	3	4	5	6	8	10	12.5
Input power	KW	0.88	1.35	2	2.25	2.66	3.27	4.07	5.75	6.45	8.25	11.5	12.9	17.45
Max Current	A	5.4	8.2	12	13.6	6.6	8.2	10.1	13.8	15.5	20	27.9	31.3	42.4
Power source		1PH~200V~230V/50Hz/60Hz					3PH 380V/415V/480V 50Hz/60Hz							
Refrigerant	Type	R22/R407C/134a/404A/410A												
	Control	Capillary / thermostatic expansion valve												
Compressor	Type	Hermetic Rotary						Hermetic scroll						
	Power(KW)	0.45	0.89	1.3	1.73	2.1	2.7	3.5	4.55	5.25	3.5×2	4.55×2	5.25×2	7×2
Condenser	Type	Efficient finned copper tube with aluminum+low noise external rotor fan												
	Air flow (m3/h)	750	1000	1500	2000	2500	3000	4000	5000	6000	8000	10000	12000	15000
	Air blower KW	0.06	0.09	0.15	0.15	0.19	0.14×2	0.14×2	0.19×2	0.19×2	0.25×2	0.45×2	0.45×2	0.6×2
Evaporator	Type	SS Tank coil / shell and tube type / Plate type heat exchanger												
	Chilled water	0.28	0.49	0.64	0.97	1.12	1.44	1.86	2.4	2.91	3.71	4.8	5.81	7.65
	(m3/h)	0.34	0.59	0.76	1.16	1.4	1.72	2.23	2.88	3.49	4.46	5.76	7	9.18
	Water tank(L)	10.6	18.3	27	27	50	50	60	60	110	120	200	200	270
	Inlet/outlet pipe	1/2"	1/2"	1/2"	1/2"	1"	1"	1"	1"	1"	1-1/2"	2"	2"	2"
	(inch) i													
Water pump	Power (kw)	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.75	0.75	0.75	1.5	1.5	2.2
	Max lift(m)	22	22	22	22	22	22	22	30	30	25	25	25	28
	Max flow (m3)	5.4	5.4	5.4	5.4	5.4	5.4	5.4	8.1	8.1	8.1	13.5	13.5	25.2
Safety protection		Compressor inner protection, over current protection, high/low pressure protection, over temperature protection, flow rate protection, phase sequence/phase missing protection, low level coolant protection, anti freezing protection, exhaust overheat protection												
Dimension	L(mm)	550	550	600	600	720	980	980	1150	1150	1350	1500	1500	1860
	W(mm)	350	450	500	500	550	520	520	560	560	680	760	760	850
	H(mm)	695	845	985	985	1350	1170	1170	1215	1215	1530	1660	1660	1900
Net weight KG		45	62	85	95	125	152	175	185	215	283	345	382	580



# Cold Room

Ozone Air solution Ltd offer a powerful combination of expertise and options that will enhance your cold room design and installation.. With an extensive range of refrigeration monitoring solutions, experience and know-how, Danfoss is a trustworthy partner for the cold room storage industry. Explore our solutions for reliable walk-in cold. These cold rooms are constructed out of RPUF pre-fabricated and modular complete with floor and ceiling panels, mounted on a flat, solid concrete base. The cold room equipped with two completely independent refrigeration systems. One of these will remain as standby. Each refrigeration system provided with it respective separate Condensing unit, Evaporator unit, Refrigeration unit, Electronic controls, Pipe work Other necessary control instrumentation, to ensure proper operation of each respective refrigeration system. Provided with additional control which permits simultaneous operation of both refrigeration systems in case of emergency there is manual & automatic switch over to the standby system by thermostatic or electrical control with programmable automatic operational duty cycle for the switch over to the standby refrigeration system.

## Features

These low RH cold storages not only reduce the operational and maintenance cost but are also eco-friendly! They are equipped with :

- A single system to control temperature and humidity
- Temperature Range  $+5^{\circ}\text{C}$  to  $-40^{\circ}\text{C}$
- A coil designed for high humidity applications
- Strip heaters
- Hot gas provision for defrost
- Scroll or semi-hermetic compressor
- Evaporator fan speed regulation
- CFC-free refrigerant



# Chiller Maintenance Service

Ozone Air Solution Ltd was established in the year 2012 to cater to industries in HVAC services and spare sales as also managing entire Utility of industries by providing skilled manpower. Ozone Air Solution has completed its 10 years of operations, and established as market leader in electrical chiller servicing. Chiller decaling service Chiller maintenance service, Chiller compressor overhauling work Chiller modification, chiller commissioning, Maintenance like pressure testing, vaccumizing, gas charging, chiller installation. Chiller electrical panel design with Microprocessor and PLC based, modification in existing panel .we are also provide rental purpose chiller. Chiller compressor re-winding work Chiller maintenance service providing all over INDIA.

We Are Checking & performing routine maintenance on chillers and cooling towers, including cleaning and repairing pumps, compressors, and evaporators. Maintaining records of equipment use for billing purposes. Installing new cooling equipment when needed. Supervising and coordinating the activities of subordinate personnel. Operating, installing, maintaining, and repairing HVAC equipment. Estimating time and materials. Maintaining confidentiality of work related information and materials.

Preventive maintenance is the act of performing regularly scheduled maintenance activities to help prevent unexpected failures in the future. Put simply, it's about fixing things before they break.

There's often an impulse to regard preventive maintenance and predictive maintenance as completely distinct entities. Unfortunately, this attempt to frame the relationship in simple terms of preventive maintenance vs. predictive maintenance misses key point.

In reality, predictive maintenance is a more evolved form of preventive maintenance. Both types try to proactively anticipate and prevent mechanical failures. But predictive maintenance takes the concept even further.

.There are 4 major types of preventive maintenance. Each is built around the concept of planned maintenance, although they are all organized and scheduled differently, to suit different business operation purposes.



# Usage-Based Preventive Maintenance

Usage-based preventive maintenance is triggered by the actual utilization of an asset. This type of maintenance takes into account the average daily usage or exposure to environmental conditions of an asset and uses it to forecast a due date for a future inspection or maintenance task.

# Calendar/Time-Based Preventive Maintenance

Calendar/time-based preventive maintenance occurs at a scheduled time, based on a calendar interval. The maintenance action is triggered when the due date approaches and necessary work orders have been created.

# Predictive Maintenance

Predictive maintenance is designed to schedule corrective maintenance actions before a failure occurs. The team needs to first determine the condition of the equipment in order to estimate when maintenance should be performed. Then maintenance tasks are scheduled to prevent unexpected equipment failures.

# Prescriptive Maintenance

Prescriptive maintenance doesn't just show that failure is going to happen and when, but also why it's happening. This type of maintenance helps analyze and determine different options and potential outcomes, in order to mitigate any risk to the operation.

# Marine Refrigeration Service

To meet the diversified requirements of our prestigious clients, we are engaged in offering Marine Refrigeration Repairing Services. Our engineers are well informed with knowledge and latest domain trends. They are focused towards providing client-centric service that leads them to offer wonderful and highly satisfied maintenance services to the clients.





# Turnkey Projects

Ozone Air solution Ltd. undertakes numerous turnkey projects of both government and non government organization related to air-conditioning and refrigeration process. We conceptualize the projects right from order processing, purchase of materials and design to production, supply, installation and commissioning of refrigeration system. We have handled a number of large projects – many of them on turnkey. Its scope includes preparing of preliminary reports, framing technical specification, preparing of drawings and site layouts, equipment selection, foundation drawings, design and manufacturing, Erection & commissioning, training of people at site for operating in plants.

Turnkey projects tend to have short project execution times, rapid return on investment, and minimal delays. They have historically been highly regarded, but there are a number of aspects that must be considered when implementing them for optimal success.

We are one of the leading manufacturers, exporters and suppliers of Cooling Systems which include Industrial Water Chiller, Air Cooling Systems, Water Cooling Systems and Brine Chilling Plant, Laser Chiller, Screw Chiller, Heat Pump and Other items. A turnkey project provides a deliverable to the customer that is fully tested and ready to use upon delivery. This can be a tremendous advantage to the customer, since it eliminates the need for the customer to manage the project.



## Chiller & HVAC Spares

HVAC Spares We Ozone Air Solution Ltd are a trusted entity in the relevant industry, engaged in providing Chiller and Other HVAC Spares Services. Our trained workforce is accomplished of rendering these services in order remove any inconvenience to our clients. The offered services are provided in line with industry norms by using innovative technology. Apart from this, these services are highly praised for their different quality attributes.

Our range of original equipment manufacturer (OEM) air handler and air systems replacement parts offer the exact form, fit, and functionality you need-along with maintenance services to make them work properly in your system. We have experienced and skillful team to render these services with perfection and within give a time line. Our Motto is to provide best service to the client on time and avoid sudden breakdown.





# OUR VALUABLE CLIENTS

 Hindustan Unilever Limited	 United Technologies turn to the experts	 INTAS	 A new way for a new world	 dedicated to life	 For a healthy growing nation	 Reliance Defence and Engineering Limited
 Smt. SMS Multi-Speciality Hospital	 Procter & Gamble	 The Engineer's Choice	 fbl Fermenta Biotech Limited	 Clean Energy Solution Company	 MANGALAM GROUP & INDUSTRIES LIMITED AN ISO 9001 & ISO 14001 COMPANY	
 PVR CINEMAS	 ATLANTIS CHEMICALS PVT. LTD.	 marathon electric	 stellar	 'A part of your daily life'	 KEJRIWAL INDUSTRIES LTD.	 GETP Gujarat Eco-Textile Park
 SWISS CARE	 PARSHWANATH COLOUR CHEM	 DORR-OLIVER HINDUSTAN DORR-OLIVER LIMITED	 SUN PHARMA	 BCFoods	 Jyothy labs	 Claris
 AD&C Quality Uncompromised	 SOVEREIGN METALS LIMITED INDIA	 Guala Closures Group	 motherson	 SINCE 1935 VARUNA ELECTRIC	 JRG Automotive Industries Striving for Excellence with Continuous Learning	 SHREEBAHAJI AGORA MALL High-end destination
 PROCESSO PLAST ENTERPRISE PVT. LTD.	 GMM Pfaudler	 SteriCott Health Care	 DAKSH Pharmaceuticals Private Limited	 NB HEALTHCARE PVT. LTD.	 KAKA PVC PROFILE "Smart People, Smart Choice"	 soof ENERGY
 UNIMARK REMEDIES LTD.	 Sri Chaitanya Hospital & Research Centre 2010	 Ratnatris Pharmaceuticals Your Health, Our Priority	 SWISS PHARMA	 DEEP Industries Limited	 N. K. Proteins Pvt. Ltd. (Formerly known as N. K. Proteins Ltd.)	 Sadbhav TODAY FOR TOMORROW
 Radiant POLYMERS	 Globe	 PRUDENCE PHARMA CHEM	 NAVAKAR TRANSCORE PVT. LTD.	 POWER SPACK	 Lords HOTELS & RESORTS Evolution in Hospitality	 NHB Ball & Roller Ltd.
 PINAXIS BIOTECH ENGINEERING PVT. LTD.	 Riddhi Pharma	 mbr flexibles	 SHUBHLAXMI INDUSTRIES	 JACKTECH HYDRAULICS	 KEPCO KPS	 LAVIS SIGNATURE PANEL PVT. LTD. Particle & Pre-Lam Boards

**OZONE**  
AIR SOLUTION LIMITED

-  **Factory :** 67/69/P Bhagwati Nagar Estate, Opp. Nilkanth Arcade, B/h. KAKA PVC, Indore Highway, Odhav, Ahmedabad, Gujarat-382415.
-  **Branch :** Plot No.501/J, Nr. Wockhardt Ltd, Ramdevpir Chowkdi, G.I.D.C., Ankleshwar, Dist. Bharuch-393002, Gujarat, INDIA.
-  +91 97374 04240 / 95374 04240 / 97275 02564
-  info@ozoneairsolution.com / ozoneair3@gmail.com
-  www.ozoneairsolution.com