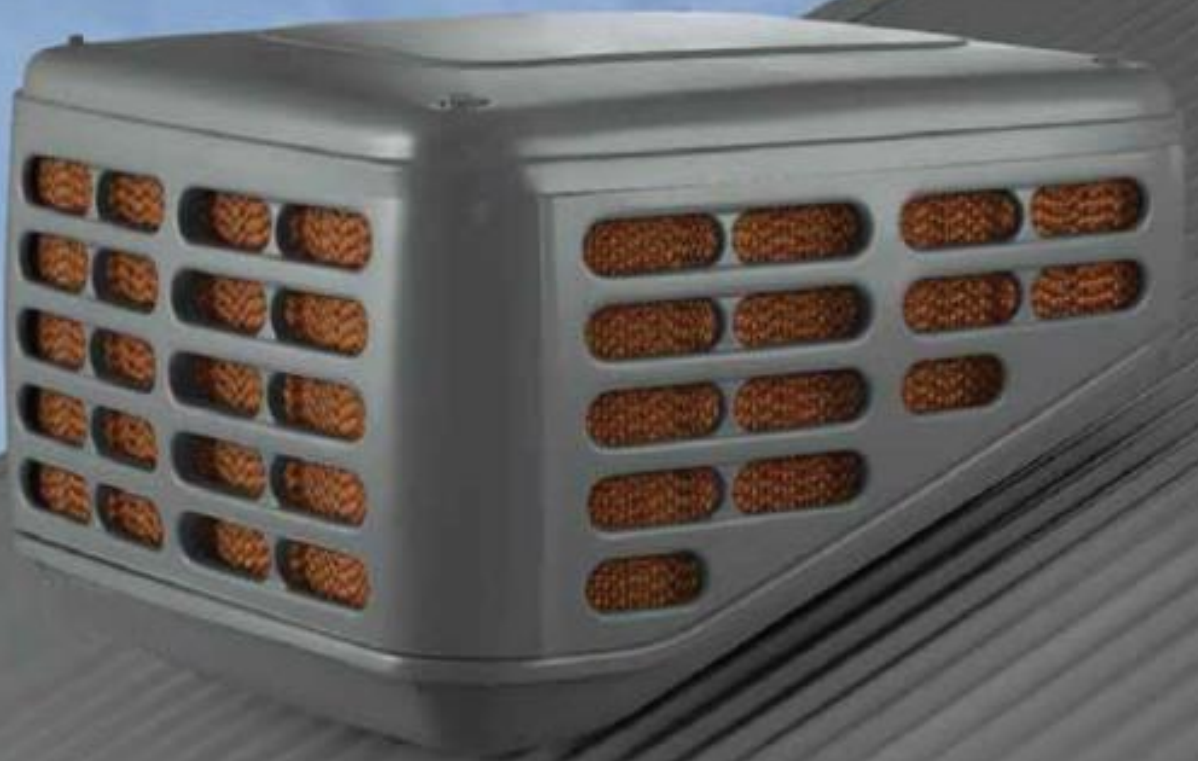




SUPERIOR TECHNOLOGY

Solutions By Technology
HVAC Solutions Provider

Evaporative Cooling



SUPERIOR INTRODUCTION

Superior Technology is an organized supplier of water system like Cooling Tower, Heat Exchange and compressed air products like Air Compressor, Refrigeration, Dryers, Filtration and Condensate Drains. Superior Technology is also involved in the business of import of many quality products around the globe. Our company is sole representative of many companies in Pakistan and have hundreds of references in different sectors.

VISION

"To view change in the market as an opportunity to grow; to use our profits and our ability to develop and produce innovative products, services and solutions that satisfy emerging customer needs."

MISSION

"To provide products, services and solutions of the highest quality and deliver more value to our customers that earns their respect and loyalty."

SUPERIOR HISTORY

2003-2005

Started consultancy for piping designing of compressed air circuit
Started marketing of Cooling Towers, Heat Exchangers and pumps
Started supply of air compressors and compressed air treatment systems

2006-2008

Started designing and installation of power plants
Started designing and installation of CNG Stations—High Pressure work 250 Bar
Started supply of CNG Equipment like CNG Compressor Aspro and dispenser

2009-2011

Started supply of Cooling Tower to IPP Power Plants
Become one of leading suppliers of water system in Pakistan
Starting to supply premier component of cooling tower like PVC, fills, gears & fans

2012-2014

Started to supply gaskets of all brands to plate heat exchanger including funke, alffLoyal, gea APV sondex & Tranter
Started one of the biggest heat exchanger in shopping malls in Karachi
ISO - 9001 - 2008 Certified

2015-2017

Started to supply concrete structure cooling towers to power plant, fertilizers.
Completed one of the biggest project of PPL in Sui Gas field
Awarding with one of the biggest project of WAPDA HOUSE Lahore building, 5000 RT Job including supply of cooling tower pumps and Piping work

2018-2019

Starting designing and installation of HVAC works
Starting Evaporative Air Cooling System

ABOUT US

Superior specializes in designing and installing evaporative air cooling and ventilation systems to cool the hot and stuffy area. Superior air cooling system is widely use in restaurant, kitchen, hall, warehouse, factories, Industrial area, Home, public area... etc. Sometime installing air-conditioning system at industrial factories are cost prohibited and impractical, today Superior could offer an economical way for ventilation and cooling. Superior's innovative evaporative air cooling and ventilation system only consumes 10-15% of electricity compared to air-conditioning system.

Superior is experienced in industrial workspace cooling design where we will direct the cool fresh air to the workspace and divert the hot air out from it despite the presence of heat from the machines. The Superior series of ducted evaporative air coolers are reliable and cater for of industrial duty. Each of Superior air cooler are tested thoroughly by certified technician.

Over the years, Superior Technology has continued to enhance its facilities to meet the growing demand of our clients. Superior Technology started its activities in Pakistan in 2003



Suitable For Air Cooler

- Industrial Areas
- Factories
- Homes
- Ware Houses
- Restaurants
- Kitchens
- Masjids
- Malls
- Health Centers
- Show Rooms
- Workshops

BENEFITS

Healthy

Completely natural cooling simulating a coastal sea breeze effect in your home, Industrial Areas

No Re-circulation

The air inside your home is not re-circulated.

No Irritation

Based on a totally natural process of air cooled by water means it won't dry out the air.

Open Doors

As hot air is pushed out of the home, doors can be left open, ideal for alfresco living.

Inexpensive

Up to seven times* cheaper to run than comparable refrigerated cooling systems.

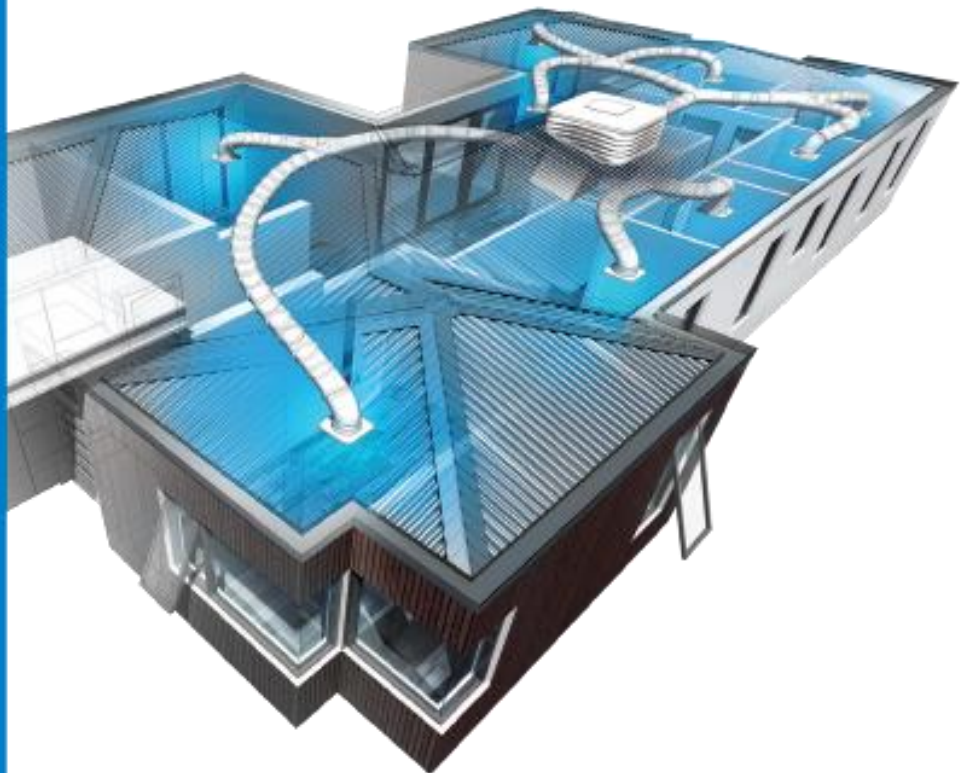
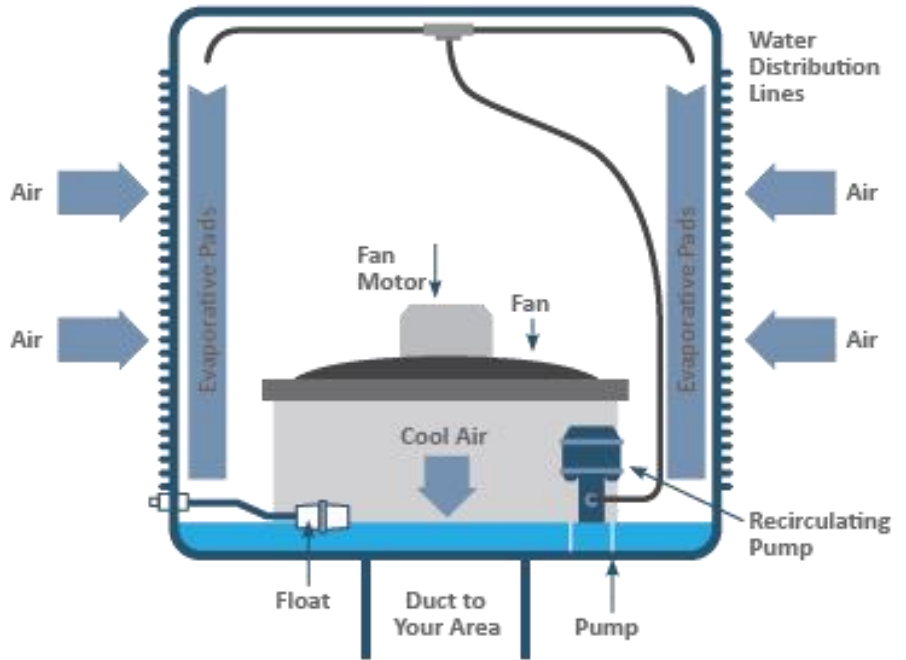
Less Electricity

Uses less electricity than other forms of cooling so is kinder to our environment as its greenhouse g

What Is Evaporative Cooling?

Evaporative Cooling is an efficient solution for cooling your entire house, Industrial areas, restaurants & Kitchens providing fresh, clean cool air throughout your home. Evaporative cooling involves an external unit that sits on the roof and is connected by a series of ducting and outlets providing fresh air all through-out your house. An evaporative cooler creates cool air by drawing in fresh air which is carried over moistened pads which cools and filters the air.

Compared to a refrigerated system which dries out the air, evaporative cooling adds moisture to the air therefore improving comfort. Doors and windows can be left open to remove the hot air and create an open fresh environment inside your home.



Features

Standard Features	EVP-18-1 EVP-18-3	EVP-23-1 EVP-23-3	EVP-30-1 EVP-30-3	EVP-40-1 EVP-40-3
Malaysian Made	•	•	•	•
Low Operating Cost	•	•	•	•
Self Cleaning Water Pump	•	•	•	•
High Efficiency Cooling Pads	•	•	•	•
Custom Made Fan Motor	•	•	•	•
Variable Fan Speed	•	•	•	•
Controlled Lcd	•	•	•	•
Auto Drain Water	•	•	•	•
Automatically Filling Water	•	•	•	•
Auto Timer	•	•	•	•
Two Years Warranty	•	•	•	•

Ambient Humidity and Temperature effect on the Temperature Drop

Intake air Relative Humidity(%)

Intake air C / Exit C	10	20	30	40	50	60	70	80	90
10	3.2	4.0	4.8	5.6	6.4	7.2	8.0	8.6	9.4
15	6.6	7.8	8.8	9.8	10.8	11.7	12.6	13.4	14.3
20	10.1	11.4	12.8	13.9	15.2	16.2	17.2	18.2	19.2
25	13.4	15.0	16.6	18.0	19.4	20.6	21.8	22.9	24.0
30	16.6	18.6	20.4	22.0	23.6	25.0	26.4	27.7	28.9
35	19.8	22.2	24.2	26.2	28.0	29.6	31.0	32.4	33.7
40	23.0	25.6	28.1	30.4	32.3	33.9	-	-	-
45	25.9	29.2	32.0	34.3	-	-	-	-	-
50	29	32.7	35.8	-	-	-	-	-	-

Specifications

Model No.	Air Flow CFM/m ³ /h	Air Outlet Mode	Fan Type	Fan Speed	Voltage/Frequency (Hz)	Power (KW)	Static Pressure (Pa)	Cooling Pad Thickness (mm)	Rate Current (A)	Water Tank Capacity (L)	Air Outlet Dimension (mm)	Machine Dimension (mm)	Net Weight	Applicable Area (m ²)	Noise (dB(A))
EVP-18-1-A	10600(18000)	Top Side, Bottom & Down Discharge	Axial Fan	Single Phase 12 Speed	240/50	1.1	180	100	4.8	45	670x670	1100x1100x980	62	100-120	<75
EVP-18-3-B	10600(18000)	Top Side, Bottom & Down Discharge	Axial Fan	3 Phase 15 Speed	415/50	1.1	180	100	2.7	45	670x670	1100x1100x980	62	100-120	<75

Model No.	Air Flow CFM/m ³ /h	Air Outlet Mode	Fan Type	Fan Speed	Voltage/Frequency (Hz)	Power (KW)	Static Pressure (Pa)	Cooling Pad Thickness (mm)	Rate Current (A)	Water Tank Capacity (L)	Air Outlet Dimension (mm)	Machine Dimension (mm)	Net Weight	Applicable Area (m ²)	Noise (dB(A))
EVP-23-1-A	13500(23000)	Top Side, Bottom & Down Discharge	Axial Fan	Single Phase 12 Speed	240/50	1.5	220	150	6.5	45	670x670	1300x1300x980	69	120-150	<75
EVP-23-3-B	13500(23000)	Top Side, Bottom & Down Discharge	Axial Fan	3 Phase 15 Speed	415/50	1.5	220	150	3.7	45	670x670	1300x1300x980	69	120-150	<75

Model No.	Air Flow CFM/m ³ /h	Air Outlet Mode	Fan Type	Fan Speed	Voltage/Frequency (Hz)	Power (KW)	Static Pressure (Pa)	Cooling Pad Thickness (mm)	Rate Current (A)	Water Tank Capacity (L)	Air Outlet Dimension (mm)	Machine Dimension (mm)	Net Weight	Applicable Area (m ²)	Noise (dB(A))
EVP-30-3	17700(30000)	Top Side, Bottom & Down Discharge	Axial Fan	3 Phase 6 Speed	415/50	2.2	268	150	5.6	65	900x900	1500x1500x1130	85	200-250	<78

Model No.	Air Flow CFM/m ³ /h	Air Outlet Mode	Fan Type	Fan Speed	Voltage/Frequency (Hz)	Power (KW)	Static Pressure (Pa)	Cooling Pad Thickness (mm)	Rate Current (A)	Water Tank Capacity (L)	Air Outlet Dimension (mm)	Machine Dimension (mm)	Net Weight	Applicable Area (m ²)	Noise (dB(A))
EVP-40-3	23500(40000)	Top Side, Bottom & Down Discharge	Axial Fan	3 Phase 15 Speed	415/50	4	430	150	8.6 - 9.8	75	900x900	1500x1500x1210	91.0	250-400	<85

CONTROLLERS

Touch™

The Touch™ is the latest innovation in climate control, allowing you to create total home comfort with pure simplicity. The ability to control your Ducted Evaporative Cooler and Dual Comfort system is at your fingertips with the sleek Touch™, high-resolution colour touchscreen controller.

Networker™

The Networker™ provides you with maximum flexibility in the operation of your Evaporative Cooler. In full automatic mode, the Networker™ will detect the surrounding environment and adjust the fan speed and cooling power as required to achieve ultimate comfort.

Programmable Controller

The Programmable Controller can operate in either auto or manual mode. In auto mode you set the comfort level you desire then leave the rest to the controller. It also has a timer to turn the cooler on or off.

Manual Controller

The Manual Controller allows you to turn on the fan or pump and to alter the fan speed to your desired setting.



MAINTENANCE SERVICE

Full Service

It is advice to service the air cooler frequently in order to pro-long the life span of the air cooler. The maintenance frequency is depends on the usage duration and the surrounding environment.

During the full maintenance service, we will do the below:

1. Clean the static filters
2. Clean the cooling pad
3. Clean and scrub the water tank
4. Clean the water level sensor surface
5. Clean the water pump sensor surface
6. Clean the water distribution pipe
7. Clean the fan blade
8. Tighten the motor and it holder
9. Test on the air cooler functionality

Repair & Spare Parts

We have professional technical team to repair the air cooler for our customer. We kept full range of spare part need in our store.



PRINCIPLE PROJECTS (Images)



Our Principals



About Us

SystemAir® is one of the leading suppliers of high quality air cooler products in Malaysia. Our advanced evaporative air cooler is an effective and healthy way to keep your workplace comfortable and cool in hot summers. When it comes to air ventilation system supply, we are experts in Malaysia. We always deliver exceptional customer support and service. Customer satisfaction is always our foremost priority.

A SystemAir® Evaporative Air Cooler circulates 100% fresh air throughout the workplace. It constantly changes and refreshes the air. Unlike other refrigerated systems, our evaporative air cooler doesn't only recycle stale air. When fresh air from outside is brought in to your establishment by the air cooler, the cooling pad acts as an effective filtration system by removing contaminants, including air pollution.

Our high quality products are used by numerous customers for cooling requirements of industrial factory buildings and sealed environmental rooms. We provide you with revolutionary new systems of cooling devices. We always aim to improve our products and services through extensive research. We specialize in mobile air cooler, evaporative air cooler and accessories



Business partner of superior technology.
110 - Allama Iqbal Road -Lahore
(Opp. Bank Alfalah)

SUPERIOR TECHNOLOGY

Solutions By Technology

HVAC Solutions Provider

Green Plaza, 110 Allama Iqbal Road,
Gahri Shahu, Lahore Pakistan

Tel: +92-42-36300811 & 36370818-19
Fax: +92-42-36304911
Email: info@superiortech.com.pk

FOR ANY INQUIRY:

-  +92 331 428 5026
-  Email: tahirshah@superiortech.com.pk
-  Email: usman@superiortech.com.pk