

# **DIPAZ**

## **Evaporative Cooler**



Turkish Patent Institute  
No: TR 2001 01619Y

Dipaz  
Cooling Pad



Easy Changeable Pads



### **Evaporative cooling and humidifying**

Summer heat can cause indoor conditions to become much hotter than desired. Evaporative cooling and humidifying is the economical method to reduce temperatures inside buildings by natural way. The system contains cooling pads, fan, water pump and sump all together. The pump supplies water from the sump to the pads. The pads will be kept wet. When hot and dry air induced through wetted pad surface by fan, it will be humidified and cooled. The relative humidity of entire hot and dry air will increase, intake air temperature will decrease. Needed ideal ambient moisture level will be also reached. The dryer the air the faster the water evaporates and the higher the temperature reduction by evaporative cooling system.

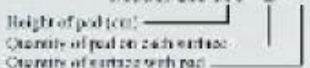
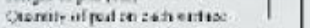
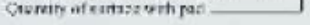
### **Ideal cooling solution in big premisses**

- Big advantages in investment. Your investment pays off quickly.
- Offers effective, high quality cooling at an extremely low operational cost.
- Increases worker productivity by making the environment more comfortable.
- Easy and quick installation, wherever the cooled air is required.
- Back-up or assistant when the conventional cooling system is inoperable.
- Easy maintenance by take off and take on of cassette-pads without bolt and nut.
- High cooling efficiency even in high relative humidity conditions.
- Allowed % 100 fresh air handling and air filtration.
- Elimination of warm, fumes, smoke, unpleasant smells from inside of building.
- Ducting can uniform distribution of cooler air.
- With high capacity centrifugal fans lowest pressure drop.
- Maximum durability.
- Environment friendly. No refrigeration gases and no compressor are needed.
- Large products range 4.860 m<sup>3</sup>/h ÷ 32.400 m<sup>3</sup>/h, with top or side air outlet.

### **Application areas**

- Factories
- Workshops
- Stores, Warehouse
- Offices
- Supermarkets, shopping malls
- Sporthalls
- Mosques, churches
- Restaurant, cafes, bars
- Discos, night clubs
- Meeting rooms
- Dining halls
- Hotels, holiday villages
- Banks
- Foundries
- Industrial ovens
- Hangars
- Barracks
- Tents
- Farms
- Space cooling

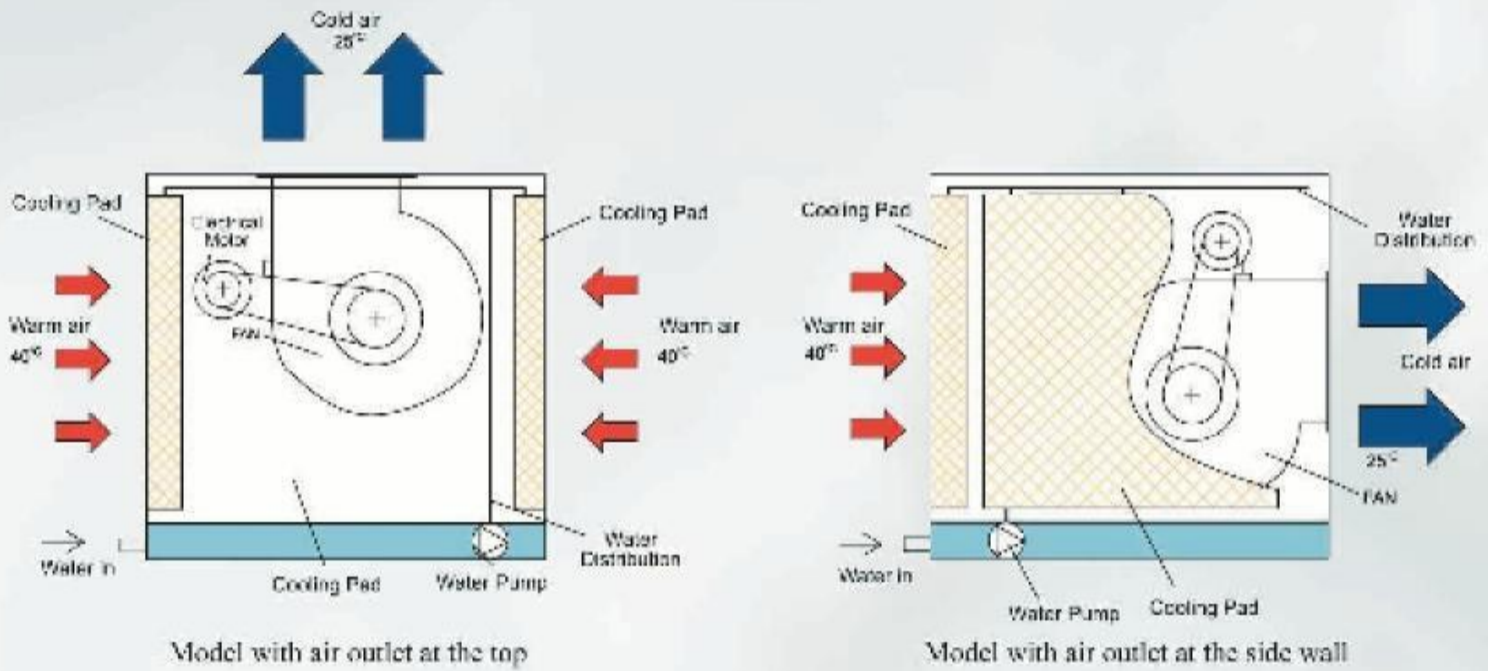
## Technical specifications

Model SK 100-2-4  
 Height of pad (cm):   
 Quantity of pad on each surface:   
 Quantity of surface with pad: 

Model	Air Displacement m <sup>3</sup> /h	Motor Power kW	E-Supply V, Hz	Dimension W x L x H (mm)
SK 75-2-3	4.860	0,75	220V~50	790 x 790 x 960
SK 75-2-4	6.180	1,1	220/380V~50	790 x 790 x 960
SK 100-3-3	9.720	2,2	220/380V~50	1135 x 1135 x 1235
SK 100-3-4	12.960	3	220/380V~50	1135 x 1135 x 1235
SK 150-3-3	14.580	3	220/380V~50	1220 x 1220 x 1720
SK 150-3-4	19.440	4	220/380V~50	1220 x 1220 x 1720
SK 150-4-3	24.300	4	220/380V~50	1620 x 1620 x 1720
SK 150-4-4	32.400	5,5	220/380V~50	1620 x 1620 x 1720

Specifications subject to change without notice

## Dipaz evaporative cooler



## Typically installation examples



# DİPAZ

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