



Evaporative Cooling  
&  
Industrial Ventilation Solutions

An Innovative Venture Of

**SHREE SHARA**  
**STEELS AND ALLOYS**

An ISO 9001 : 2015 Certified Company



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ENVIRO COOL



COOL BREEZE



KOOL AIR

## LOW ENERGY COOLING THAT ENHANCES WORK ENVIRONMENT

Extraordinary employees are at the heart of every company's success. Their hard work, innovative thinking and dedication, helps set a company apart. At Shree Shara, we are committed to make sure, your companies become a better place to work, every day.

After all, **Better work spaces mean, better businesses.**

We specialise in providing Industrial Cooling solutions for comfort cooling and dust-free environment that enhances life at

work into a productive and energizing one.

Tomorrow's world needs eco - friendly, energy conserving solutions that helps businesses to be recognised as responsible

and efficient. Our products enable businesses / factories across India to capitalise on eco—friendly, energy-saving air cooling technologies as a serious alternative to harmful and inefficient air-conditioners.

**PRODUCT OF AUSTRALIA**



Fully automated | Self cleaning | Minimum maintenance | Professional installation  
Cost effective | Best in class Warranty upto 10 years | Established service network

We have now cooled more than 70,00,000 ft<sup>2</sup>

## EVAPORATIVE AIR - CONDITIONING



### Salient features

Water based - No CFC - No compressors.

Proven to be healthier than air-conditioning.

Works effectively in open areas too.

Brings down temperatures up to 25 degrees.

Relatively quiet and reduces noise levels to less than 45 decibels

Consumes 10% electricity compared to A/C.

## INDUSTRIAL HUMIDIFICATION



### Salient features

Fine atomisation creates a healthier environment for Men, Materials and Machines

Maintains humidity levels up to 85%.

Saves up to 70% electricity when compared to traditional Humidification systems.

Re-circulation compatible.



The Cool Breeze range of units are available in [down](#), [top](#) and [side](#) discharge models. Their simplicity and versatility allows them to be installed almost anywhere and for any application.



## DOWN DISCHARGE

Down discharge systems are usually roof mounted, and suitable for both ducted and plenum applications. They represent a very cost effective solution to a cooling problem. A 550mm x 550mm dropper duct serves as both mounting bracket and air distributor.

## TOP DISCHARGE

Top discharge unit's suit applications where convenient access to a floor mounted air conditioning unit is important, or where the installation requires it.



## SIDE DISCHARGE

Side discharge systems may be either wall or floor mounted and are suitable for discharging directly into a wall register. They may also be ducted into a ceiling cavity, depending on the application. Sound attenuation may be required for a single wall register application.

# SPECIFICATIONS

| MODEL                    | DOWN DISCHARGE<br>TOP DISCHARGE                          | D 095<br>T 095                                | D 125<br>T 125                                 | D 160<br>T 160                                | D 195<br>T 195                            | D 230<br>T 230                            | D 255<br>T 255                            |
|--------------------------|--|---|--|---|---|---|---|
| Motor- Variable Speed    | Voltage<br>Watts<br>Amp Draw low/ high<br>RPM- low/ high | 220-240<br>600<br>2.65/ 3.6<br>600- 750/ 1370 | 220- 240<br>600<br>2.65/ 3.6<br>600- 750/ 1370 | 220-240<br>750<br>2.7/ 3.85<br>600- 750/ 1350 | 220- 240<br>1000<br>2.9/ 5.6<br>850/ 1400 | 220- 240<br>1000<br>2.9/ 5.6<br>850/ 1400 | 220- 240<br>1000<br>2.9/ 5.6<br>850/ 1400 |
| Fan                      | Auswing II 35<br>Auswing II 40<br>Powerflow Fixed Pitch  | x   | x  | x   | x   | x   | x   |
| Pump                     | 35 LPM   | x   | x  | x   | x   | x   | x   |
| Fitter Media- Celdek     | Number of Pads   | 4   | 4  | 4   | 4   | 4   | 4   |
| Size (mm)                |  | 830 * 370                                     | 830 * 460                                      | 830 * 460                                     | 830 * 535                                 | 830 * 650                                 | 830 * 770                                 |
| Thickness (mm )          |  | 75  | 75   | 100   | 100                                       | 100                                       | 100                                       |
| Design Air Flow          | cmh<br>cfm<br>lit/ sec                                   | 7500<br>4400<br>2000                          | 10000<br>5900<br>2800                          | 12500<br>7400<br>3500                         | 15000<br>8900<br>4200                     | 18000<br>10700<br>5000                    | 19500<br>11600<br>5400                    |
| Depth/Width(mm)          |  | 1090 * 1090                                   | 1090 * 1090                                    | 1090 * 1090                                   | 1090 * 1090                               | 1090 * 1090                               | 1090 * 1090                               |
| Height(mm)               |  | 570   | 660  | 660   | 735                                       | 850                                       | 970                                       |
| Height Above Dropper(mm) |  | 310   | 400  | 400   | 475                                       | 590                                       | 710                                       |
| Operatingweight(kg)      |  |   | 84.5   | 86  | 92.5                                      | 94  | 97.5                                      |
| Dropper Duct Size        |  | 550 * 550                                     | 550 * 550                                      | 550 * 550                                     | 550 * 550                                 | 550 * 550                                 | 550 * 550                                 |

| MODEL  |  | S 100   | S 240  |
|--|--|---|--|
| Motor- Variable Speed                        | Voltage<br>Watts<br>Amp Draw low/ high<br>RPM- low/ high | 220 - 240<br>600<br>2.65 / 3.6<br>600 / 1370    | 220 - 240<br>1000<br>2.9 / 5.6<br>850 / 1410 |
| Fan  |  | Auswing II 40                                   | Powerflow Fixed Pitch                        |
| Pump   | 35 LPM   | x   | x  |
| Fitter Media- Celdek<br>Flute Size 7050 / 45 | Number of pads<br>Size (mm)<br>Thickness (mm)            | 3<br>1 * 830 H* 930 W<br>2 * 270 H *930 W<br>75 | 3<br>3 * 830 H * 950 W<br>100                |
| Design Air Flow                              | cmh<br>cfm<br>lit / sec                                  | 8000<br>4800<br>2200                            | 18500<br>10700<br>5100                       |
| Height (mm)                                  |  | 1090  | 1320   |
| Operating Weight (kg)                        |  | 67.5  | 92   |

|                        | QA SERIES | QM SERIES |
|------------------------|-----------|-----------|
| Touch Pad              | Available | Available |
| LED Display            | Available | Available |
| 10 Speed Fan           |           | Available |
| 100 Speed Fan          | Available |           |
| Auto Temp Mode         | Available |           |
| Auto Timer Mode        | Available |           |
| Cool / Fan only Mode   | Available | Available |
| Exhaust Mode           | Available | Available |
| Sleep Timer            | Available | Available |
| Pre- Cool Wash Cycle   | Available | Available |
| 5 hr Water Drain       | Available | Available |
| Adjustable Water Drain | Available | Available |
| After- Use Auto Drain  | Available | Available |
| End of Day Rinse Cycle | Available | Available |

## CONTROLLERS

Like everything else the Cool Breeze controllers are designed with you in mind, easy to operate, attractive and feature packed



# Why choose COOL BREEZE ?

For top air cooling and humidification performance and best value for money system around Cool Breeze is the best choice.

## The Power of COOL BREEZE

### RATED PERFORMANCE

Cool Breeze has been tested and performance rated. The amount of cooling produced by an evaporative air conditioner is largely dependant on the following factors:

- Fan air flow
- Volume of Celdek Filter I\ledia
- An Efficient Water I\lanagement System
- Overall System Design

Compare our larger Celdek filter pads, superior fan performance and higher capacity motors.

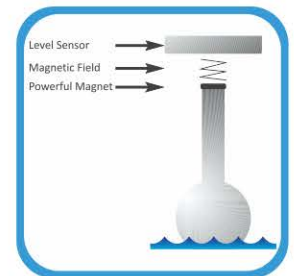
Cool Breeze has one of the highest ratios of air flow and Celdek filter media per square metre of floor area to be cooled, of any system on the market today.



The Inside of a COOL BREEZE unit

### MAGNA- SENSOR

The end of periodic water level adjustment. Cool Breeze has its very own automatic water level adjustment system. Accurate to within 1mm, no more sticky ball floats, or rubber washers to wear. No more electronic probes to become corroded. Our I\VIAGNA-SENSOR is guaranteed never to require adjustment. The simplicity and accuracy of the I\VIAGNA-SENSOR uses magnetic field technology to measure and regulate water flow and levels in the base. (\*not mobile unit)



### DURABLE POLYMER CONSTRUCTION

Manufactured by BASF, Luran-S is a premium grade and exceptionally tough polymer, specifically designed to withstand the most trying environmental conditions. This has been proven by numerous tests in the extreme deserts of Australia and the United States. It's integral strength, resistance and durability to weathering, including UV degradation is unmatched by any other casing material. There is absolutely no corrosion that is common in metal casings.

### SUPERIOR COMMERCIAL AIR FAN TECHNOLOGY

Our powerful fan blades ensure maximum air flow with minimum noise. Our larger systems are fitted with our "Power flow" fan blade. Note the "golf ball" like dimpled surface to reduce noise and increase efficiency. One of the quietest systems in Australia - our testing confirms this. An efficient design coupled with the noise absorbing advanced fan technology including the unique position of the fan all combine to make Cool Breeze the benchmark in our industry. Don't be misled by claims that drum fans are quieter. All Cool Breeze units have a direct drive fan connected to a heavy duty motor, which ensures long term performance: No belts or pulleys to maintain.





# LOWER MAINTENANCE

Reduced maintenance means lower cost and longer life. Always ready when required.

## WATER MANAGER

Cool Breeze has a Water Management System installed as standard. We believe that an Auto Drain and Clean Water System is a vital and necessary part of every air conditioning system, unlike some of our competitors who offer it as an optional asset.

### *Clean and Dry Tank*

When your system is switched off, all water is drained from the tank. This means no mouldy smells or stale water.

### *Uses Less Water*

Unlike bleed-off systems which continually drain water in order to maintain water purity, Cool Breeze Water manager effectively minimizes water usage by only diluting and replacing the water in the base when necessary.

### *Cooler Air*

Cleaner pads and cleaner water means higher saturation efficiency and therefore cooler air.

### *Drain Valve*

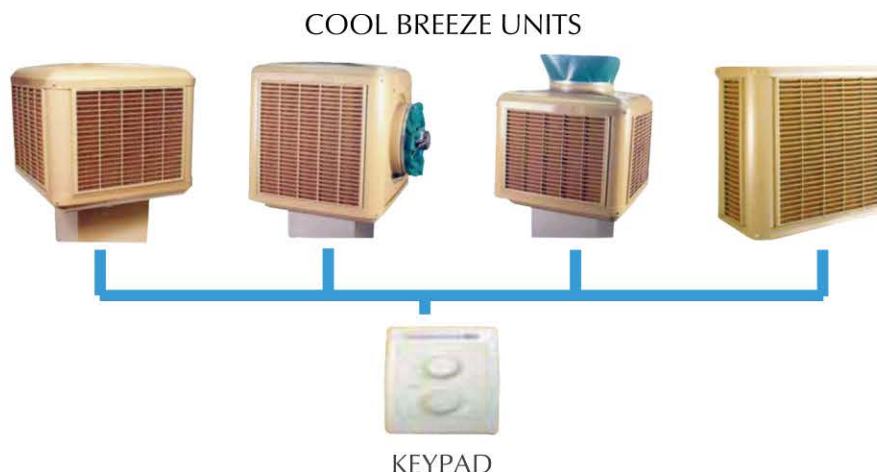
The heart of Cool Breeze Water Management system is our very own unique patented Drain Valve. Using the simple counterweight principle of a tank of water and leverage to open and close the valve, we feel that our drain valve could almost last forever. There is virtually nothing to break or wear. Unlike some of our competitors who use electric motors, solenoid valves and complex pressure systems, the design simplicity and reliability of our system is a first in our industry. The best ideas are usually the simplest.



## SINGLE CONTROLLER OPTION

This option provides full control of a series of air conditioning units all from the one keypad controller.

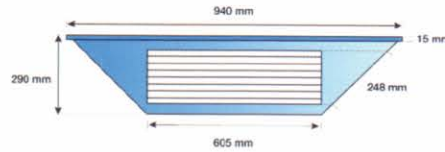
- Operation of multiple air conditioning units using one keypad
- Eliminates the need to run cable to individual control switches resulting in lower installation costs
- Convenience of only one keypad per group of units.



# CEILING PLENUMS

## MODEL AGP2

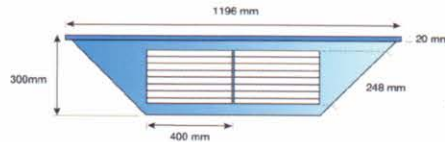
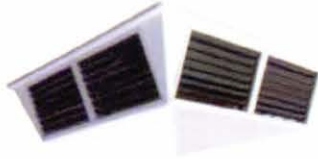
Suits 550 \* 550 dropper with optional Adapter 2.



Adapter 2

## MODEL AGP3

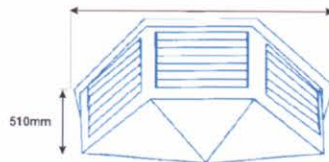
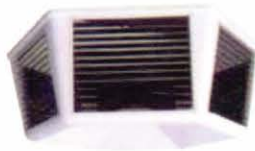
Suits 550 \* 550 dropper with optional Adapter 3.



Adapter 3

## MODEL AGP4

Suits 550 \* 550 dropper with optional Adapter 4. Cool Breeze twin fan unit.



Adapter 4

| PLENUM | FREE AREA (m) | CAPACITY 9m) at 6.5 m / sec | CAPACITY 9m) at 7.5 m / sec |
|--------|---------------|-----------------------------|-----------------------------|
| AGP2   | .62           | 14500                       | 17000                       |
| AGP3   | .83           | 19500                       | 22500                       |
| AGP4   | 1.30          | 30500                       | 36000                       |



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