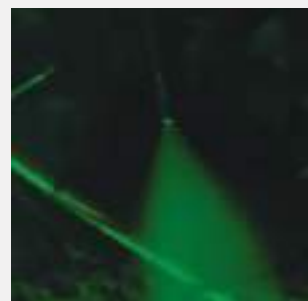
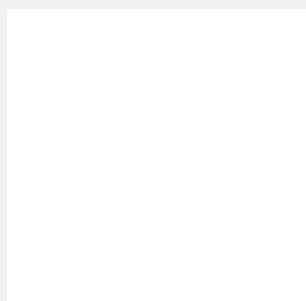


di the designo international

An ISO 9001:2008 Certified Co.

MANUFACTURER & SUPPLIERS





di the designo international

THE DESIGNO INTERNATIONAL has invested time in researching the best controls possible to work with humidification systems and integrate with the pumps.

Started in the year 1997, The Designo International is engaged in manufacturing, exporting and supplying of HEATFLOW outdoor heaters and COOL FLOW outdoor cooling systems, MIST FLOW- Misting System , Misting paradise ,Misting Pole etc, have been launched only after thorough research and overcoming developmental hurdles. Today we can proudly claim it to be the best product in the market. A brief history regarding our heaters and fans lies in: Our HEAT FLOW outdoor heaters were developed in 1996 and marketed in 1997 Our COOL FLOW mist fans were developed in 2004 and marketing started from 2005 MIST FLOW System in 2006, MISTING PARADISE and MISTING POLE in 2008, COOL FLOW Mist Tree & Mist Pole developed in 2011. AC Pre-Cooling System Developed in 2011. COOL FLOW Mist Flower developed in 2012. HEATFLOW Electrical Heater in 2011. COOLING CANNON- WORLD'S BIGGEST EVAPORATIVE COOLER in 2012. Owing to our streamlined facilities, our main aim is to produce top quality products, test them thoroughly and only then market the same. This policy of ours has enabled us in giving assured guarantee and confidence in the product.

Water is the greatest prayer

Pindaro, Greek poet

H U M I D I F I C A T I O N E N G I N E E R S

FEATURES OF HUMIDIFICATION SYSTEM

The flexibility of the controls and the system allows it to be used in every application for considerably less investment than "conventional" methods.

- Graphic Display showing humidity and set points.
- Humidity sensor with extraordinary performance.
- User friendly setup routine with the push buttons on the front panel.
- Programmable humidity and hysteresis (control range) set points.
- Continuous operation.
- Auto temperature controlling system.
- High energy efficient.
- Low power demand.
- Closed operation.
- Fully automatic operation.



HUMIDIFICATION SYSTEM



Control Panel



5 LPM PUMP



Filter



Sensor



Nozzle Jointer



S.S Tee



Ball Valve



H.P Nozzle



End Plug



H.P Mist Line



Pipe Line



Misting Ring

HUMIDIFICATION ENGINEERS

BENEFITS OF HUMIDIFICATION

Dry air causes lower regain and this contributes to poor quality and lower productivity.

Areas with low moisture content are weaker, thinner, more brittle, and less elastic, create more friction and are more prone to static electrification.

Materials at optimum regain are less prone to breakage, heating and friction effects, they handle better, have fewer imperfections, are more uniform and feel better.

Higher humidity reduces static problems. Reduced static makes materials more manageable and increases machine speeds.

Industrial areas are standardized at 60%RH and 20°C (or as required). Low humidity causes lower material weight and lowered profits.

Maintained humidity permits greater reliability. The maintenance of specification where dimensions are important, such as in the carpet industry.

Humidification reduces fly and micro-dust, giving a healthier and more comfortable working environment.

The HUMIDIFICATION HIGH PRESSURE SYSTEM also has a substantial cooling effect, reducing high factory temperatures and suitable work conditions.

The ambient humidity can vary a lot, depending on the time of year, high/low indoor temperature, and whether it is day or night. It is thus extremely important to possess parameters by which the humidity can be controlled in production processes. Even small changes in humidity can be decisive for efficiency, and thus affect production cost levels.

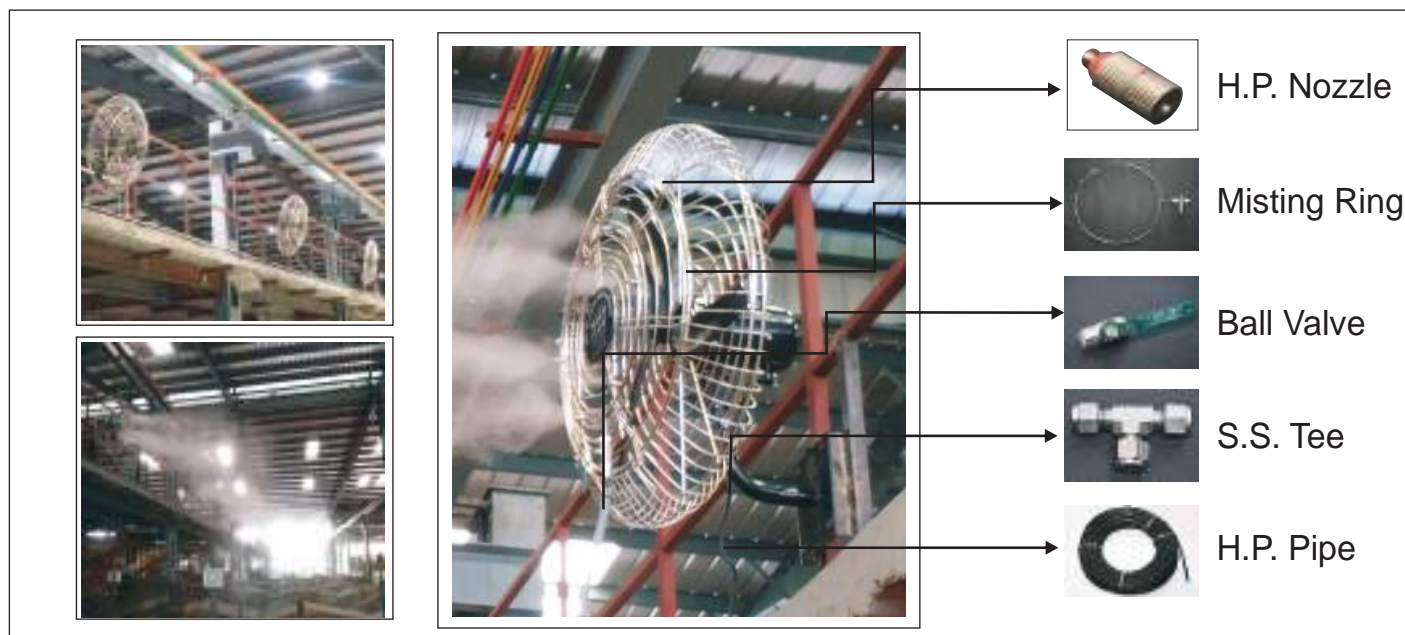
For staff, excessively low humidity means that the normally moist mucous membranes on the lips and in the nose and eyes dry out quickly. Additional consequences include dry skin, dust problems and obnoxious smells, which collectively contribute to increasing the risk of allergy and other complications as well as decreasing working efficiency.

CUSTOMIZED CONTROL PANEL

- CUSTOMIZED CONTROL PANEL
- TIMER
- AMPERE METER & VOLT METER
- AUTO/ MANUAL OPERATION
- DRY RUN PROTECTION
- AUTO CUT OFF
- OPERATING VOLTAGE : 220V / 50Hz
- HUMIDITY CONTROL SYSTEM (SETTING OF DESIRED HUMIDITY LEVEL)



HIGH PRESSURE WALL MOUNT FAN



H U M I D I F I C A T I O N E N G I N E E R S

APPLICATIONS



GINNING
INDUSTRY



PACKAGING
INDUSTRY



COLD
STORAGE



TEA
INDUSTRY

WHY **the designo international**

- We have exclusive workshop for repairs and experiments.
- We have the technical staff and the expertise for executing complicated projects.
- We have the privilege of claiming ourselves as World's largest range of humidification products in house.
- We have with us senior consultants with experience of over 9 years in the line of Misting/Humidification.
- Customized solution to suit the factory working & type.
- We also accept any challenge for solving humidification problems.

HUMIDIFICATION ENGINEERS

ESTEEM CLIENTS USING HUMIDIFICATION

JAMES WARREN TEA LTD. (DOEDHAAM TEA ESTATE)	TINSUKIA	SABHARWAL FOODS PVT. LTD. SONIPAT, HARYANA (BRITANNIA INDS. LTD.)	NATHUPUR,
JAMES WARREN TEA LTD. (BALIJAN TEA ESTATE)	TINSUKIA	ASHIRWAD FOODS PVT. LTD. (BRITANNIA INDS. LTD.)	GWALIOR, M.P.
JAMES WARREN TEA LTD. (THOWRA TEA ESTATE)	SIBSAGAR	SURYA FOOD & AGRO LTD. (PRIYAGOLD BISCUIT)	GREATER NOIDA,
VIKRAM INDIA LTD. GEM ALLIED INDUSTRIES PVT. LTD.	KOLKATA	GREEN WOODCRAFTS PVT. LTD.	SAMPLA, HARYANA
BORBHETA TEA CO. JALLAN MANI TEA CO PVT. LTD.	JORHAT	SACHDEVA COTTONS	MEERUT, U.P.
T&I GLOBAL LTD. JALAN GOLAGHAT TEA CO. PVT. LTD.	GOLAGHAT	FAST FOOD INDUSTRIES (BRITANNIA INDUSTRIES LTD.)	GHAZIABAD
THE CHAMONG TEA CO. LTD. INDO ASSAM TEA CO. PVT. LTD.	TITABAR	BONN INDUSTRIES LTD	LUDHIANA
SUYASH TEA CO. PVT. LTD. LAXMI TEA PROCESSORS CO. PVT. LTD.	JORHAT	BABURAO BAKERIES	KOHLAPUR
BOHNIMAN TEA PVT. LTD. NEW SONWAL TEA CO. PVT. LTD.	GOLAGHAT	MONTEX INDIA	MUMBAI
ASSAM TEA INDUSTRIES DHANSRI TEA INDUSTRIES	JORHAT	HINDUSTAN GLASS LTD	HARYANA
PIPRATOLY TEA ESTATE CHUNGIBARI TEA ESTATE PVT. LTD.	TINSUKIA	BELLE VISTA	PANCHKULA
NIVEDITA TEA INDUSTRIES DEODARSHAN TEA CO. PVT. LTD.	JORHAT	PATANJALI YOGPEETH	HARIDWAR
DHANSHRI TEA INDUSTRIES. HATTICHERRA TEA CO.	TITABAR	MANI RATNAM-MOVIE (RAAVAN, GURU, YUVA ETC...)	CHENNAI
SONAGURI TEA FACTORY. ANJANI TEA COMPANY.	CACHAR	GARG ACRYLICS LTD. (Ginning Industries)	KARNATAKA
GAURIPUR TEA INDUSTRIES. BUDHAM SAI INDUSTRIES	GOLAGHAT	OCUS FACILITY MANAGEMENT (P) LTD (A/C Coil Cooling)	BHATINDA
NAHARJURI TEA CO. JALLAN UDYOG	ARUNACHAL PRADESH	OPEN MINDS – A BIRLA SCHOOL	GURGAON
MANOHARI TEA ESTATE. MAHABIR TEA ESTATE.	BOKAGHAT	KAMAL TRADING – GINNING INDS.	HYDERABAD
OATING TEA ESTATE.	GOLAGHAT	SHANTI POULTRY FARMS	KHANDWA
		ANS TEMP CONTROL PVT. LTD. (BLUE STAR – COLD STORAGE)	DURG
		VANDANA PACKAGING PVT. LTD.	LUCKNOW
		MAGO THERMAL ENERGY PRODUCTS	PATIALA
		JALAN TEA INDUSTRIES	MEERUT
		AKSHARDHAM	DELHI
		and many more....	DELHI

H U M I D I F I C A T I O N E N G I N E E R S

SAMPRIKIMI TEA INDUSTRIES	JORHAT	HALMIRAMOOK TEA INDUSTRIES	GOLAGHAT
SUNTOK TEA CO. LLP.	SIBSAGAR	AUGURI TEA INDUSTRY	TINSUKIA
WOKA TEA ESTATE	GOLAGHAT	TIOK TEA ESTATE	SUBSAGAR
PROBHAKAR TEA PVT. LTD.	GOLAGHAT	ARIN TEA PVT. LTD.	GOLAGHAT
SINGHI INDUSTRIES PVT. LTD. (BALIJAN).	JORHAT	THE DOLAGURI TEA CO. PVT. LTD.	GOLAGHAT
GANGABARI TEA ESTATE PVT. LTD.	TINSUKIA	PABHOJAN TEA ESTATE	GOLAGHAT
AMSUI TEA ESTATE	GUWAHATI	DOLOO TEA FACTORY	CACHAR
RADHABARI TEA COMPANY	GOLAGHAT	AMJULI TEA COMPANY	
VAIBHAV TEA COMPANY	TINSUKIA	ARYAN TEA COMPANY	BOKAGHAT
SURAJ(ASSAM) TEA MFG. CO. PVT. LTD.	TINSUKIA	PULIBOR TEA PVT. LTD.	GOLAGHAT
TANGNAGAON TEA CO. PVT. LTD.	TINSUKIA	BORAH TEA ESTATE	SONARI
GOBINDPORE TEA ESTATE.	TITABAR	RIVER VALLEY TEA CO. PVT. LTD.	TINSUKIA
BHAVANI TEA INDUSTRIES	TINSUKIA	RANGAJAUN TEA & PLANTATION INDIA PVT. LTD.	GOLAGHAT
HATIDUBI TEA CO.	GOLAGHAT	KESHAN TEA INDUSTRIES.	MAKUM
BOHAGI TEA COMPANY PVT. LTD.	MORAN	CHUBA TEA PRODUCTS	NAGALAND
BOKAKHAT TEA COMPANY	GOLAGHAT	MADHUPUR TEA ESTATE PVT. LTD.	LAKHIMPUR
TANAY TEA CO.	GOLAGHAT	NAHARTOLY TEA ESTATE.	CHABUA (TATA)
DALOWJAN TEA CO. PVT. LTD.	GOLAGHAT	HATIGOR TEA ESTATE.	(TATA)
SRI SHYAM TEA PVT. LTD.	TINSUKIA	LATKOOJAN TEA ESTATE.	GOLAGHAT (TATA)
VARUN TRADE LINK PVT. LTD.	TINSUKIA	LUHIT TEA CO. PVT. LTD.	GOLAGHAT

OTHER APPLICATION AREAS

- Tea industries
 - CTC & CFM Area
 - Chamber Cooling
 - Floor Fermenting Area
 - Roller Cooling
- Transformer Cooling
- Wood Product Manufacturers & Joineries
- Textiles
- Pre Cooling System
- Air Washers
- Animal Cooling
- Hatcheries
- Industries & Sheds
- Abattoir
- Mushroom Growing
- Greenhouses
- Wine Barrel Stores
- Paper Mills
- Dust Control

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HUMIDIFICATION ENGINEERS