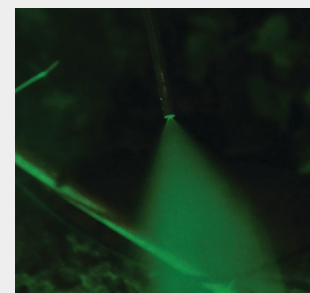
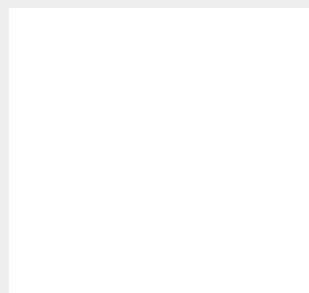
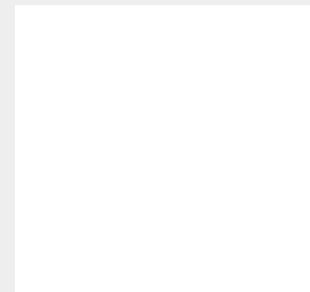


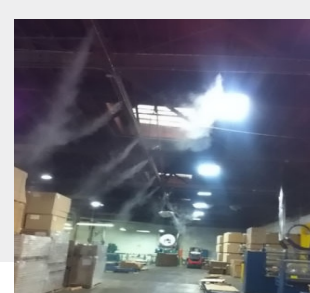
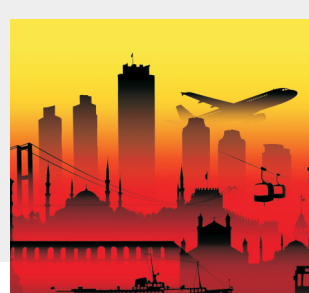
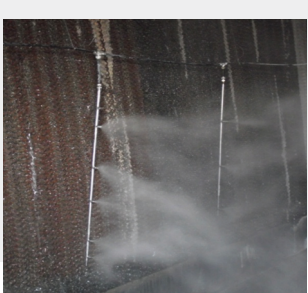
di the designo international™

An ISO 9001:2015 Certified Co.

MANUFACTURER & SUPPLIERS



iNDUSTRIAL HUMIDIFICATION



Sales Go up and down

Service stays forever



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 system, MIST FLOW - Misting system, Misting paradise, Misting Pole etc, have been launched only after through 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 HEATFLOW 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. COOLFLOW Mist flower developed in 2012. HEATFLOW electrical heater in 2011. COOLING CANNON - WORLD'S BIGGEST EVAPORATIVE COOLER in 2012. Misting features such as chandelier, spikes, misting ceiling & wall were designed & launched in 2014. In 2016 came GLASS HEATER, an exclusive creation sharing our skills and strengths of developing and delivering in INDIA. 2023 we came out with an eco friendly option for outdoor heating "FIRE PIT"



MAKE IN INDIA

Water is the greatest prayer

Pindaro, Greek poet

HUMIDIFICATION ENGINEERS

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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.

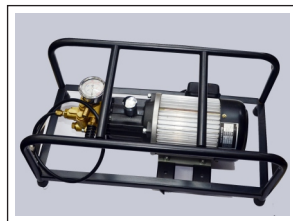
- Graphic Display showing humidity and set points.
- Humidity sensor with extraordinary performance.
- User friendly setup routine with the push buttons on the front panel.
- Programmable humidity and hysteresis (control range) set points.
- Continuous operation.
- Auto temperature controlling system.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



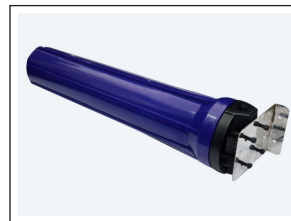
HUMIDIFICATION SYSTEM



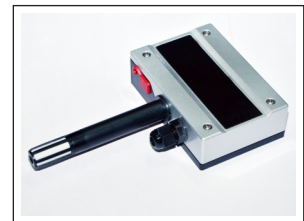
Control Panel



5 LPM PUMP



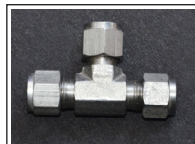
Filter



Sensor



Nozzle Jointer



S.S Tee



Ball Valve



H.P Nozzle



End Plug



H.P Mist Line



Pipe Line



Misting Ring

HUMIDIFICATION ENGINEERS

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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.

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






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CUSTOMIZED CONTROL PANEL

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



HIGH PRESSURE WALL MOUNT FAN

- Stainless Steel fan grill
-  H.P. Nozzle
-  Misting Ring
-  Ball Valve
-  S.S. Tee
-  H.P. Pipe



HUMIDIFICATION ENGINEERS

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APPLICATIONS



GINNING
INDUSTRY



PACKAGING
INDUSTRY



COLD
STORAGE



TEA
INDUSTRY

WHY **the designe 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

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ESTEEM CLIENTS USING HUMIDIFICATION

JAMES WARREN TEA LTD. (DOEDHAAM TEA ESTATE)	TINSUKIA	BONN INDUSTRIES LTD	LUDHIANA
JAMES WARREN TEA LTD. (BALIJAN TEA ESTATE)	TINSUKIA	BABURAO BAKERIES	KOHLAPUR
JAMES WARREN TEA LTD. (THOWRA TEA ESTATE)	SIBSAGAR	MONTEX INDIA	MUMBAI
VIKRAM INDIA LTD.	KOLKATA	HINDUSTAN GLASS LTD	HARYANA
GEM ALLIED INDUSTRIES PVT. LTD.	JORHAT	BELLE VISTA	PANCHKULA
BORBHETA TEA CO.	GOLAGHAT	PATANJALI YOGPEETH	HARIDWAR
JALLAN MANI TEA CO PVT. LTD.	KOLKATTA	MANI RATNAM-MOVIE (RAAVAN, GURU, YUVA ETC...)	CHENNAI
T&I GLOBAL LTD.	GOLAGHAT	GARG ACRYLICS LTD. (Ginning Industries)	KARNATAKA
JALAN GOLAGHAT TEA CO. PVT. LTD.	GOLAGHAT	OCUS FACILITY MANAGEMENT (P) LTD (A/C Coil Cooling)	BHATINDA
THE CHAMONG TEA CO. LTD.	TITABAR	OPEN MINDS — A BIRLA SCHOOL	GURGAON
INDO ASSAM TEA CO. PVT. LTD.	JORHAT	KAMAL TRADING — GINNING INDS.	HYDERABAD
SUYASH TEA CO. PVT. LTD.	GOLAGHAT	SHANTI POULTRY FARMS	KHANDWA
LAXMI TEA PROCESSORS CO. PVT. LTD.	GOLAGHAT	ANS TEMP CONTROL PVT. LTD. (BLUE STAR — COLD STORAGE)	DURG
BOHNIMAN TEA PVT. LTD.	JORHAT	VAN DANA PACKAGING PVT. LTD.	LUCKNOW
NEW SONWAL TEA CO. PVT. LTD.	JORHAT	MAGO THERMAL ENERGY PRODUCTS	PATIALA
ASSAM TEA INDUSTRIES	JORHAT	JALAN TEA INDUSTRIES	MEERUT
DHANSRI TEA INDUSTRIES	TINSUKIA	AKSHARDHAM	DELHI
PIPRATOLY TEA ESTATE	TINSUKIA	SAMPRIKIMI TEA INDUSTRIES	ASSAM
CHUNGIBARI TEA ESTATE PVT. LTD.	JORHAT	SUNTOK TEA CO. LLP.	DELHI
NIVEDITA TEA INDUSTRIES	TINSUKIA	WOKA TEA ESTATE	JORHAT
DEODARSHAN TEA CO. PVT. LTD.	TINSUKIA	PROBHAKAR TEA PVT. LTD.	SIBSAGAR
DHANSHRI TEA INDUSTRIES.	TITABAR	SINGHI INDUSTIRES PVT. LTD. (BALIJAN).	GOLAGHAT
HATTICHERRA TEA CO.	CACHAR	GANGABARI TEA ESTATE PVT. LTD.	GOLAGHAT
SONAGURI TEA FACTORY.	GOLAGHAT	AMSUI TEA ESTATE	JORHAT
ANJANI TEA COMPANY.	TINSUKIA	RADHABARI TEA COMPANY	SIBSAGAR
GAURIPUR TEA INDUSTRIES.	GOLAGHAT	VAIBHAV TEA COMPANY	GOLAGHAT
BUDHAM SAI INDUSTRIES	ARUNACHAL PRADESH	SURAJ(ASSAM) TEA MFG. CO. PVT. LTD.	TINSUKIA
NAHARJURI TEA CO.	BOKAGHAT	TANGNAGAON TEA CO. PVT. LTD.	TINSUKIA
JALLAN UDYOG	GOLAGHAT	GOBINDPORE TEA ESTATE.	TITABAR
MANOHARI TEA ESTATE.	DIBRUGARH	BHAVANI TEA INDUSTRIES	TINSUKIA
MAHABIR TEA ESTATE.	DIBRUGARH	HATIDUBI TEA CO.	GOLAGHAT
OATING TEA ESTATE.	GOLAGHAT	BOHAGI TEA COMPANY PVT. LTD.	MORAN
SABHARWAL FOODS PVT. LTD.	NATHUPUR,	BOKAKHAT TEA COMPANY	GOLAGHAT
SONIPAT, HARYANA (BRITANNIA INDS. LTD.)		TANAY TEA CO.	GOLAGHAT
ASHIRWAD FOODS PVT. LTD. (BRITANNIA INDS. LTD.)	GWALIOR, M.P.	DALOWJAN TEA CO. PVT. LTD.	GOLAGHAT
SURYA FOOD & AGRO LTD. (PRIYAGOLD BISCUIT)	GREATER NOIDA,	SRI SHYAM TEA PVT. LTD.	TINSUKIA
GREEN WOODCRAFTS PVT. LTD.		VARUN TRADE LINK PVT. LTD.	TINSUKIA
SACHDEVA COTTONS	SAMPLA, HARYANA	HALMIRAMOOK TEA INDUSTRIES	GOLAGHAT
FAST FOOD INDUSTRIES (BRITANNIA INDUSTRIES LTD.)	MEERUT, U.P.	AUGURI TEA INDUSTRY	TINSUKIA
	GHAZIABAD	TIOK TEA ESTATE	SUBSAGAR
		ARIN TEA PVT. LTD.	GOLAGHAT

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THE DOLAGURI TEA CO. PVT. LTD.	GOLAGHAT	MONKHALI TEA CO	TINSUKIA ASSAM
PABHOJAN TEA ESTATE	GOLAGHAT	K.N. TEA CO LTD	TINSUKIA ASSAM
DOLOO TEA FACTORY	CACHAR	BHAURAM JODHRAJ TEA LTD	GUWAHATI ASSAM
AMJULI TEA COMPANY		HAROOCHARAI TEA ESTATE	ASSAM
ARYAN TEA COMPANY	BOKAGHAT	HAMUKJAN TEA PVT LTD	TINSUKIA ASSAM
PULIBOR TEA PVT. LTD.	GOLAGHAT	NEVEDITS TEA FACTORY	ASSAM
BORAH TEA ESTATE	SONARI	SUKAJA TEA FACTORY	ASSAM
RIVER VALLEY TEA CO. PVT. LTD.	TINSUKIA	B.B TEA COMPANY	TINSUKIA ASSAM
RANGAJAUN TEA &	GOLAGHAT	MAHA LAXMI TEA	ASSAM
PLANTATION INDIA PVT. LTD.		BARABARI TEA CO	SILIGURI W. BANGAL
KESHAN TEA INDUSTRIES.	MAKUM	JAYANTI TEA PVT LTD	ASSAM
CHUBA TEA PRODUCTS	NAGALAND	MALIBHITA TEA COMPABY PVT LTD	KOLKATA W. BANGAL
MADHUPUR TEA ESTATE PVT. LTD.	LAKHIMPUR	AMULYA BADI TEA ESTATE	ASSAM
NAHARTOLY TEA ESTATE.	CHABUA (TATA)	SUKAFA TEA FACTORY	ASSAM
HATIGOR TEA ESTATE.	(TATA)	DEV DARSHAN	TINSUKIA ASSAM
LATTKOOJAN TEA ESTATE.	GOLAGHAT (TATA)	SIMPLEX SYSTEM	ASSAM
LUHIT TEA CO. PVT. LTD.	GOLAGHAT	KALIYAPANI TEA ESTATE	ASSAM
KYANG TEA SEED CO LTD	GOHPUR ASSAM	PHUNG TEA LLP	ASSAM
SHYANI TEA COMPANY	ASSAM	AMCHONG TEA ESTATE	ASSAM
B.L TEA INDUSTIRES	JORHAT ASSAM	ASSAM NATURAL TEA PRODUCTS	ASSAM
KUKURJAN TEA PVT LTD	SILIGURI W. BANGAL	TUSKAR ASSOCIATION	ASSAM
BALAJI EXORTS LTD	JALPAIGURI	PROBHAKOR TEA PVT LTD	ASSAM
N.R. TEA	ASSAM	CHANDRAWATI TEA LLP	ASSAM
RENGMA TEA ESTATE CO LTD	JORHAT ASSAM	VAIBHAV TEA COMPANY	ASSAM
AURO TEA CO LTD	ASSAM	SIMPLEX SYSTEM	ASSAM
JAMES WARREN TEA LTD	TINSUKIA ASSAM	KALIYAPANI TEA ESTATE	ASSAM
BALAJI TEA INDUSTRIES	JORHAT ASSAM	PHUNG TEA LLP	ASSAM
VIKRAM INDIA LTD	KOLKATA W. BANGAL	AMCHONG TEA ESTATE	ASSAM
FINMAN FINANACE INDIA PVT LTD	ASSAM	ASSAM NATURAL TEA PRODUCTS	ASSAM
VIKRAM INDIA LTD	KOLKATA W. BANGAL	TUSKAR ASSOCIATION	ASSAM
ANAND BARI TEA COMPANY PVT LTD	ASSAM	PROBHAKOR TEA PVT LTD	ASSAM
MANIPUR TEA ESTATE	ASSAM	CHANDRAWATI TEA LLP	ASSAM
DEO DARSHAN TEA CO LTD	TINSUKIA ASSAM	VAIBHAV TEA COMPANY	ASSAM

and many more....

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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