



HEATCON SYSTEMS

Sensing and Control Solutions

- Ovens
- Control Panels
- Temperature Sensors
- Heaters
- Heatpumps
- Level Sensors
- Jumbo Display
- Pollution display boards
- Rooftop Solar
- Thermography
- Thermal Mapping
- Vibration Analysis



Ahilyanagar Pune

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🌐 www.heatconsystems.com

Thyristor Power Controllers

Ratings- 60A/100A/160A/ 250A/330A/400A

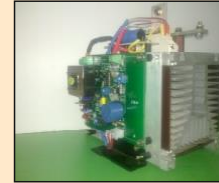
Voltage output - 1 phase and 3 phase angle control

Advantages

- Energy Savings
- Improves Heater life
- Soft Start and Linear Control

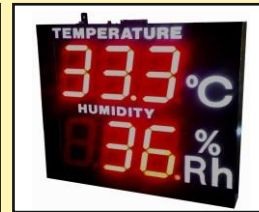
Applications

- Ovens and Furnaces
- Moulding machines and Extruders



Jumbo Display

- **Display** - Seven Segment Display
- **Sizes** - 2", 4", 6" and 8"
- **Colours**- Red, Green, White.
- **No. of Digits** - 2, 3, 4, 6
- **Input** - Proximity / Photo sensor, Limit switch, 4-20 mA, 0-10 V, RS-485
- **Output** - As per demand.
- **Display Parameters** - Temperature, Pressure, Flow, Level, Count, Time, Current, Voltage and any measurable parameter.



Pollution Control Display Board

- **Display Parameters**
Air Quality Index (AQI)
Temperature and humidity levels.
Effluent Parameters
Hazardous Discharge
- Single Colour and Multi Colour bright LED
- Rugged and Weatherproof housing
- **Connectivity**- Wifi, RS 485 and Ethernet
- **Sizes**- Available as per requirement

Maharashtra Pollution Control Board		
Production Details		
Products Manufactured (including Recycling / Utilization)	Consented Qty/ Y.	Unit
Engine Valve	20,89,000	No/M
Forged & Machined Shaft & Gears	5,83,000	No/M
Hazardous Chemicals Used		
Details of Hazardous Chemicals Used	Quantity Y.	Purpose
Chromic Acid	13050 Kg/A	Process

POLLUTION CONTROL BOARD			
PARAMETER	CONC.	UNIT	STD
PM10	26	µg/m ³	100
PM2.5	7	µg/m ³	60
SO ₂	4.83	µg/m ³	80
NO ₂	1	µg/m ³	80

Ovens

TYPES OF OVENS

Batch Type Ovens
Conveyorised Ovens

Applications :-

- Shrink Fit Ovens
- Baking Ovens
- Pre-Heating Ovens
- Curing Ovens
- Hot Air Ovens
- Infrared Heating Ovens
- Industrial Ovens



Control Panels

We manufacture all types of Electrical and Process Control panels in MS and SS.

- Thyristor Control Panels for Ovens and Furnaces
- Distribution Panels
- Automatic Power Factor Panels
- PLC and VFD Control Panels
- HMI Machine interface panels
- STP and ETP plants



Industrial Heaters

- Cartridge Heaters
- Finned Heaters
- Plating Plant Heaters
- Mould Heaters
- Oil Heaters
- Water Heaters
- Tubular Heaters



Heat Pumps

- Saves **70%** Energy Compared to Traditional Methods.
- **2 Years** Warranty on Compressor and Tank
- Models available - 100 LPH to 2000 LPH

Efficient Water Heating Solutions



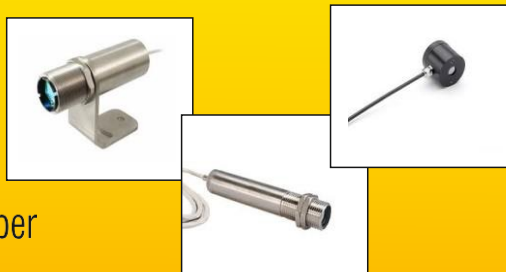
Temperature Sensors

- Molten Aluminium, Zinc, Lead, Tin
- Bearing and Surface Temperature
- Air and Water Temperature
- Mineral Insulated Sensors
- Heat Treatment Sensors



NON - CONTACT INFRARED TEMPERATURE SENSORS

- Food Industry
- Iron and Steel
- Cement
- Plastic
- Extrusion
- Asphalt
- Automobiles
- Glass and Paper



Rooftop Solar

EPC Solar Solutions for Homes, Offices, Commercial Complex and MSMEs and Large Industries.

Value Engineering Solutions with Improved Customer Benefits.

WHY SOLAR ?

Savings on electricity bills

Limitless energy

Reduces Carbon footprint

Better Grid security

One time Investments, Life Time Savings



Blowers and Circulation Fans

Almonard -

Air Circulation Fans for offices, shops and industries.

Available in different sizes.



Hindustan-

Exhaust and Air Circulation Fans



Ebm - Papst India -

Axial Fans, Blowers, Tangential Fans, Centrifugal Fans

Applications-

Ripening chambers, Greenhouses, Tunnels, Air Conditioning.



Control Panel Accessories



MCB / MCCB



Contactor / OLR



Push Buttons



Junction Boxes



Junction Boxes



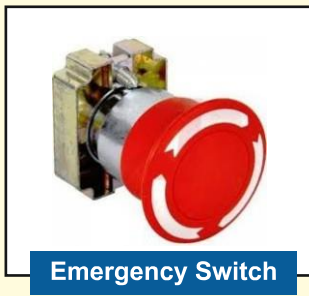
Tower Lamps



Relay Socket



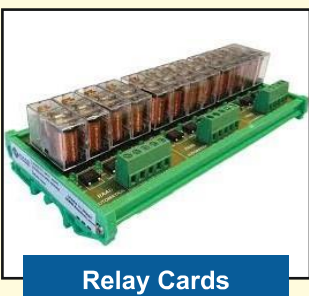
Cable Glands



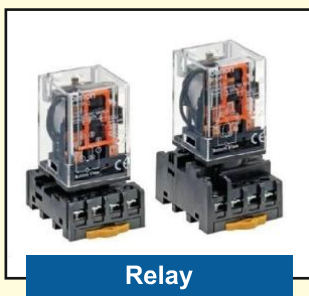
Emergency Switch



SMPS



Relay Cards



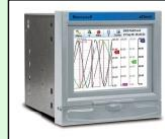
Relay

Honeywell Honeywell Automation

- Water Flow Switches
- Temperature Controllers
- Kromschroder Burner Controller
- Flame Sensor
- Limit Switch
- Pressure Transmitter and Sensor
- FLP Limit Switch



Burner Controller



Paperless Chart Recorder



Flame Sensor



PID Controller



Limit Switch



Damper Actuator

BANNER Banner Engineering

- Colour Mark Sensor
- Photo Sensors
- Laser Sensors
- Vibration Monitoring
- Industrial Wireless solutions
- Electronic Safety Guards
- Pick-to Light solutions
- Tower Lamps, IIoT,
- Energy Meter Monitoring Software



Photo Sensor



Safety Relay



Laser Sensor



Vision Camera



Vibration Sensor



Process Precision Instruments

- Temperature Scanners
- Dataloggers with Pen Drive Port
- Data loggers with Online Software
- Wireless Data loggers
- Temperature Transmitters
- Flow Totalisers
- Temperature & Humidity transmitters



Wireless Dataloggers



Pen Drive Dataloggers



Temperature Scanners



Signal Converter



Humidity Transmitter

Autonics Autonics India

- Square Proximity Switch
- Capacitive Proximity Switch
- Inductive Proximity Switch
- Encoders
- Photo Sensors
- Flexible couplings



Square Proximity



Capacitive Proximity



Inductive Proximity



Encoders



Colourmark Sensors



Flexible coupling

BELIMO Belimo Actuators India

- Damper Actuators
- Ball type Valves
- FCU Valves
- Linear Actuators
- HVAC Products
- Building Management Systems
- Temperature and Humidity Sensors



PR Actuator
NEMA 4X Assembly

Standard Actuator
NEMA 2 Assembly

FESTO Festo Pneumatics India

SMC SMC Pneumatics India

- Actuators
- Pneumatic Grippers
- Valves and Valve terminals
- Proximity Sensors
- Vacuum Technologies
- Tubes & fittings
- Reed switches
- Robotics



Pneumatic Cyllinders



Solenoid Valves



Dial Indicators



Air Filters

Level Sensors

- Level Sensors for Solids
- Liquids, Slurry,
- Sticky viscous material, Acids.
- Types of Level Switches
- Rotary Paddle Level Switch
- Vibrating fork Level Switch
- Capacitance Level Switch
- Admittance Level Switch
- Open tank Level Switch
- Level Transmitters
- Float and Board Type Level Indicator



selec[®] Selec

Creating Best Value

- Digital Timers
- Counters
- RPM/MPM Indicators
- Energy meters
- PLC
- Process Indicators



Baumer

Passion for Sensors

- Temperature Dial Thermometers
- Pressure Dial Gauge
- Pressure Transmitters
- Pressure Switches



TAIE

PID Temperature Controllers

- Universal inputs
- Outputs - Relay, SSR, Voltage, Current, Thyristor, Motor Valve Control.
- Additional outputs- RS 485 MODBUS, Master-Slave, Retransmission
- Sizes- 48 x 48, 72 x 72, 48 x 96, 96 x 96





Variable Frequency Drives (VFD)

- Models 1 HP/2/HP/5HP/10HP 50HP and above
- Servo drives for all applications
- Smart, reliable and proven after sales service
- Stockists of INVT, DELTA, Yaskawa.



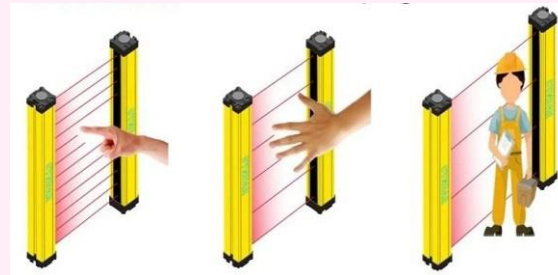
Motorised Sliding Gate

- Automatic
- Remote operated
- Saves time and efforts
- Easy to install



Safety Light Curtains

- Finger Safety
- Hand Safety
- Human Body Safety
- Two hand Safety
- No. of Beams- 6,8,10,16-----64.



Omron Automation

- Proximity Switches M8 to M30
- Photo Sensors
- SMPS
- Industrial PC
- Robotics



Thermography

Why Thermography ?

Thermal Leakage identification, Overheating, Identifying Hot and Cold Spots (Zones), Preventive maintenance,

Applications- Control panels, Motors, Ovens, Furnaces

Benefits- Energy Saving, Improved Job quality, Reduction in Down time.

Thermal Mapping (TTR)

Why Thermal Mapping?

Identifies uneven heating in ovens and furnaces

Easy detection of Hot and Cold zones.

Benefits - Time versus temperature graphs of complete cycle for analysis (TTR)

Improved Job quality

Applications - Ovens and furnaces, Server Rooms, Cold storage, Ripening Chambers.

Vibration Analysis

What is the Need for Vibration Analysis ?

Detects and logs vibration and temperature.

Applications - Motor, Alternator testing, Machines, Preventive maintenance

Energy Saving

Application Areas -

- Heat treatment
- Cooling and Circulation
- Solar Energy,
- Water heating
- Lighting

Oven Automation & Panel reconditioning

We Undertake of Types of Reconditioning of Ovens And Control Panels. This Includes Identification And Replacement of Faulty Items, Testing And Trials.

ACCESS CONTROL SYSTEM

● Forklifts ● Overhead Cranes

Working-

- Install the Access control system
- Configure and enroll the persons authorised to operate
- Access by RFID card, thumb or password
- Collect real time data from USB port



Advantages :

- Only authorised persons can operate
- Accidents and mishaps can be averted
- Safety for other co-workers
- Easy tracking of resources
- Cost effective and rugged



HEATCON SYSTEMS

(An ISO 9001:2015 certified company)

Works - Plot No: P-46, Near Vishwas Roadlines, MIDC, Ahmednagar - 414 111. Maharashtra, India
Contact No - 0241- 27 77 260. Cell- 99224 17817 / 96 23 688 355

Pune Office - Office No: 5, First Floor, Thakur Complex, PAPJ-129,
Near Quality Circle, MIDC Bhosari, Pune - 411 026. Contact No - 98220 15260 / 98508 32592

Website - www.heatconsystems.com ● Email - info@heatconsystems.com / heatconsystems@gmail.com

ACCESS CONTROL SYSTEM

- Server Rooms ● Stores ● Offices
- Electrical Installations

Working-

- Install the Access control system
- Configure and enroll the persons authorised to operate.
- Access by RFID card, thumb or password
- Collect real time data from USB port

Advantages :

- Only authorised persons can enter
- Thefts and damages can be averted
- Safety for assets
- Easy tracking of persons



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Air Circulation Fans -

Air circulator fans are designed to circulate the air. Instead of forcing the air downwards like a general-purpose fan, it spins the air around in a circular motion to distribute it more evenly throughout the space.

Features-

1. Low Power Consumption
2. Modular design
3. Easy to install
4. Maintains uniform temperature
5. Keeps the area properly ventilated
6. Long air throw up to 90 feet

Applications-

1. Industries
2. Warehouses
3. Tunnels
4. Passages and Parking lots



Circulation Fans Technical Datasheet

Sr. No	Technical Specification	Model-GTACF- 40-70	Model-GTACF-55-90
1	Size in mm	D320 mm X H400 mm	D320 mm X H550 mm
2	Frame Material	Stainless Steel	Stainless Steel
3	Blade Material	Aluminium Powder Coated	Aluminium Powder Coated
4	Nos. of Blades	7 nos.	5 nos.
5	Frequency	50 Hz	50 Hz
6	Speed	1400 RPM	1400 RPM
7	Voltage	220 V	220 V
8	Air Volume	5300 CFM	8700 CFM
9	Power	120 W	180 W
10	Weight	8 Kg	12 Kg
11	Phase	Single phase	Single phase
12	Air Throw	70 feet	90 feet



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