




 **AUROFLUX**

TOTAL **ENGINEERING** **SOLUTION PROVIDER**

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TURNKEY PIPING SOLUTIONS

01 Design

02 Engineering

03 Supply

04 Erection & Commissioning



PPR Pipes and Fittings

- Design and Detailed Engineering of Process Piping System. Cooling Tower, Chiller, Compressed Air Line. RO, DM, Chilled Water, Hot Water Lines
- Turnkey Solutions including Valves, Strainers, Pumps, Cooling Towers and Chillers
- Supply, Erection Testing and Commissioning.
- After Sales Service Support.

HDPE Green Pipes and EF Fittings

- Design and Detailed Engineering of Process Piping System. Cooling Tower, Chiller, Compressed Air Line.
- Advanced Electro Fusion Socket Technology for Fittings.
- Turnkey Solutions including Valves, Strainers, Pumps, Cooling Towers and Chillers
- Supply, Erection Testing and Commissioning.
- After Sales Service Support.
- HDPE Pipes and Fittings



GI, MS, SS Pipes and Fittings

- Design and Detailed engineering for the Process, Gas, Oil, Food Processing and Fire Fighting System
- Turnkey Project Execution.
- Testing and Commissioning.



PVC, CPVC, UPVC Pipes and Fittings

- Design and Detailed Engineering of complete plumbing application.
- Turnkey Solutions including Pumps, bath room fittings and other automations.
- Supply, Erection Testing and Commissioning.
- After Sales Service Support.



Structural Fabrication of MS & SS

- We can do all types of SS and MS fabrication work according to the customer requirement.
- SS Tanks
- MS Structures
- SS customized fabricated items.



FRP COOLING TOWERS

Range: 10 TR to 1000 TR
Model: Round / Square / Cross Flow
Make: GEM

- Designed as per the CTI Code
- 40+ years of experience.
- Energy efficient design
- Pan India Sales and After sales service Set-up



Industrial Process Chillers

- Gem Orion is a Indo-Japanese Joint Venture Company
- 1 TR to 30 TR Industrial High Precision Process Chiller
- Inverter Technology. Energy Saving is around 25% compare to on/off Chiller
- All India after sales service network
- R 410 A Gas suitable for any ambient condition.





Dry Cooling Tower (Air Cooled Heat Exchanger)

Model: Horizontal/Vertical **Range:** 50 KW to 5 MW **Make:** GEM

- Designed as per the international standards
- Can design according to the various applications.
- Adiabatic pads can be fixed for lower temperature
- Pan India Sales and after sales service set up
- 40+ years of experience.



Heat Pump Hot Water Generator

Range: 5 KW to 100 KW
Hot Water Temperature: 60 Deg.C to 90 Deg.C
Make: Aspiration

Compressed AIR Dryers

Range: 10 cfm to 5000 cfm

Types : Heatless Air Dryer, Refrigerated Air Dryer,
Blower Reactivated Dryer, Heat of Compression Dryer

Make: GEM

Features

- India's largest Dryer Manufacturer
- VFD Model is available in Refrigerated Dryer
- Coming along with fine filters and Auto drain Valves.
- Pan India Sales and after sales service set up





VFD control panels

Auroflux is design various types of VFD Control Panels for Pumps and Cooling Towers and other applications.

- VFD + Manual Control Option
- Data Logging
- Customized programming.

Hvls fans

Auroflux representing Marley Make HVLS Fans. Marley is a leading HVLS fan manufacturer in India, known for high-quality and innovative HVLS fan designs. We are also a trusted fan manufacturing company in India, Presenting reliable solutions for all your industrial operations. Our manufacturing range widely comprises of

- Helical Geared Motor HVLS Fans *
- PMSM Motor HVLS Fans*
- Exhaust Fans and Mobile Fans
- Highly energy efficient
- Suitable of Industries, Temples, Churches, Hotels and other public places



FRP tanks

Auroflux is fabricating various types of FRP Tanks as per the customer requirement .

Range: 1 KL to 20 KL



Compressed air filters

Range: 10 cfm to 1000 cfm

Filtration Range: 5 micron, 0.1 Micron, 0.01 Micron

Make: GEM

- High Quality Filter
- Affordable Cost
- Easy availability of cartridges.



Electronic auto drain valves

- High Discharge and Low Discharge Model
- Easy to fit
- Highly Reliable
- Moderate Price

Agro Air Dryer

Agro Air Dryer is developed to utilize the refrigeration heat energy (heat pump technology) to dry the agricultural products.

Range: 9 Kw to 45 Kw

- Drying of herbs and spices
- Drying of agricultural products
- Drying of Fruits
- Easy To Install
- Reliable Operation
- Automation and Intelligence Controls.



DRIP IRRIGATION LATERAL

The drip irrigation system provides water in form of droplets to the root of the plant. Our drip irrigation lateral tubes are manufactured from 100% virgin PE material by using advanced German technology. These tubes are UV stabilized and are able to withstand environmental effects. Design parameters are strictly followed to ensure smooth functioning of the system & uniform discharge. Smooth inner surface reduces frictional losses.

Applications

- Highly recommended for irrigation of closely spaced crops like Tomoto, Brinjal, Banana, Sugarcane, Cotton, Vegetables, Spices etc..
- Excellent choice for greenhouses and nurseries.
- Ideal for surface as well as sub surface installations.



ONLINE LATERAL

Available in class-1 & class-2, made of high grade virgin polyethylene conforming to IS 12786, resistant to chemicals and fertilizer used in agriculture. It is used as lateral pipe in various micro irrigation systems such as Drip, Micro sprinkler, Micro sprayer, Jets, Foggers etc.

PIPE OD (mm)	CLASS - 1 WALL THICKNESS (MM)	CLASS - 2 WALL THICKNESS (MM)
12	0.6 - 0.8	0.9 - 1.1
16	0.8 - 1.0	1.1 - 1.3
20	0.9 - 1.1	1.2 - 1.4

INLINE DRIP LATERAL

Our Inline Laterals are manufactured in accordance with Indian Standard IS 13488. Our drippers are conveniently spaced to ensure smooth and even distribution of water.

We use non-collapsible cylindrical dripper with unique clog resistant design. The available dripper spacings are 30cm, 40cm, 45cm, 50cm, 60cm, 90cm & 120cm.

The flow rate will be 8 LPH



DRIP IRRIGATION TAPE (FLAT DRIP TUBES)

This is a thin wall drip/line used for drip irrigation. Suitable for closely spaced short term crops and for above ground laying purposes. Normally the drip tape is flat and becomes round shape when water flows through it. Usually operated at lower pressure than other types of pressurised irrigation methods.



DRIP IRRIGATION FITTINGS



Starter



Washer



TEE



TAP



Dripper



Elbow



End cap



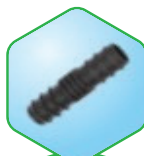
Micro sprinkler



Adapter



Air valves

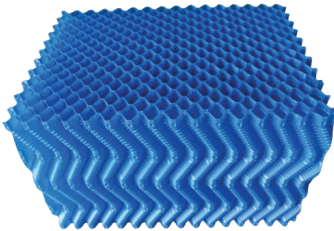


Connector



Filter screen disc

SPARES OF COOLING TOWER



PVC Fills



Aluminium Sprinkler



Cooling Tower IP 55
Extended Shaft Motor



Cast Iron Butterfly Valves

OTHER PRODUCTS



CIY Strainers



SS/Brass Ball Valves



PP Valves & Products



PP NOZZLES



CI Non Return Valve



Energy Efficient FRP
Cooling Tower Fan

OTHER PRODUCTS



CI Foot Valve



SS Hydraulic
Fittings & Bellows



PP Valves & Products



Hydraulic
Hoses and fittings



SS Clamps

CONSULTANCY SERVICE

- System Design:**
Expert in thermal and fluid transport system design
- Energy Audits:**
Identify and reduce power wastage
- Performance Optimization:**
Improve cooling and piping efficiency
- Tech Calculations:**
Heat load, pressure drop, and pump/pipe sizing
- Turnkey Support:**
Full project planning and execution
- Compliance:**
Designs meet safety and industry standards

SOURCING SERVICE

- Auroflux can source all kind of mechanical, electrical , plumbing and automation products sourcing service to Industry
- We freeze the specification with our expert team. Get offers from major suppliers. Negotiate and source with good price.
- Auroflux will charge for this consultancy service or buy and sell the project with OPEN MARGIN



OUR CUSTOMERS



TOSHIBA MACHINE



HCL



Shibaura Machine



SUZLON



Sintex





PROJECT PHOTOS



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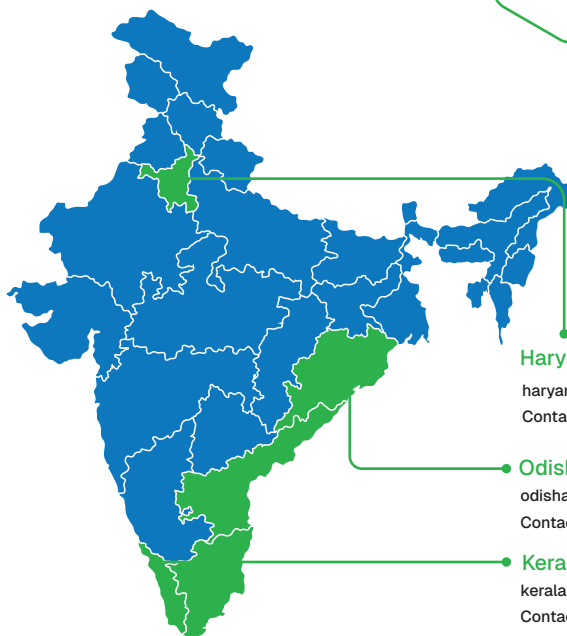
Years of Experience

1000+

Projects

300+

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