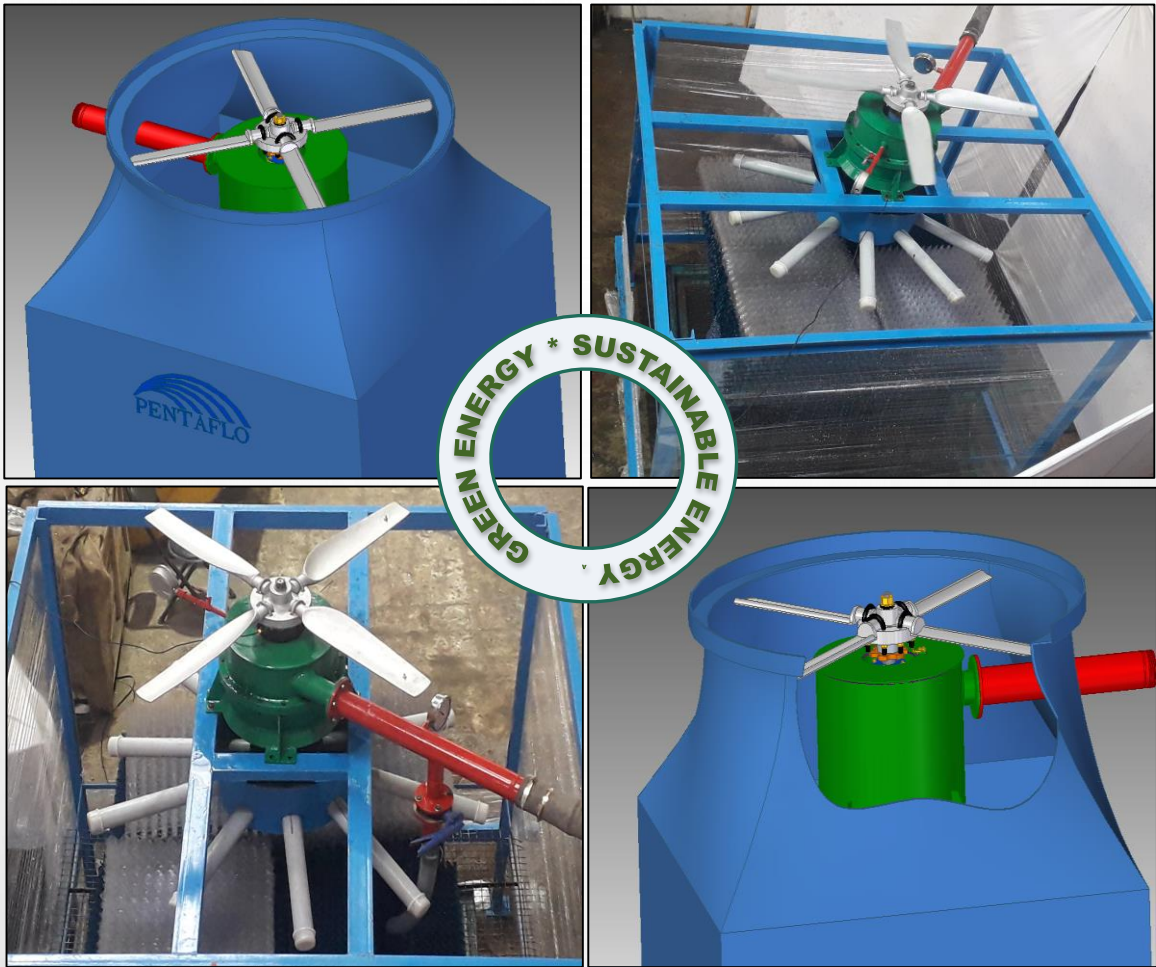


# PENTAFLO HYDRO PRIVATE LIMITED

An ISO 9001-2015 Certified Company



**ECONOMICAL**

**EFFICIENT**

**ECOFRIENDLY**

## TURBINE DRIVEN FAN BASED SYSTEM FOR COOLING TOWER

**A STEP TOWARDS RENEWABLE ENERGY**

**PENTAFLO's** new turbine based technology utilizes the circulating **water residual pressure** to rotate the cooling tower fan when it comes back to the cooling tower.

## BENIFITS

- ✓ Residual energy that **goes waste** in conventional system is converted to useful energy.
- ✓ No application of motors, the **recurring electricity cost** is completely eliminated.
- ✓ Reduction in **running cost & operational maintenance expense.**



**Gear Box**



**Gear Reducer**



**Belt Drive**



**Only Direct Drive With Turbine**



Use

**Pentaflo Turbine Kit**  
for reducing

 **ELECTRICITY BILLS**

 **CARBON FOOTPRINTS**

Of your **COOLING TOWER PLANTS**

To convert **conventional cooling tower fan systems** to **turbine based system**, contact **PENTAFLO!!**

### DETAILS REQUIRED

**FAN DETAILS**

**TOWER DETAILS**

Motor Rating =

RPM =

Fan Diameter =

Rotational Direction =

Type of Cooling Tower =

Pump Flow Rate =

Hot Water Inlet Pressure =

Hot water Inlet Pipe Dia =

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