

# Yellowstone

## Gas Water Heater

Kraftwork is proud to present the **Yellowstone** range of Gas Water Heaters. The Kraftwork mission is to deliver the most reliable and efficient hot water appliances to fit the lifestyles of today's modern households.

**YellowStone** water heaters are among the most economical appliances on the market today, boasting high energy efficiency ratings. Due to their excellence in energy efficiency, **YellowStone** water heaters provide considerable savings on running costs today and help preserve the environment for tomorrow.



- Heat water only as required
- Never run out of hot water
- Save money on utility bills and reduce greenhouse gas emissions
- Space-saving, compact design
- Precise temperature control
- Easy Installation

### What is a **Gas Water Heater**?

Gas Water Heater [GWH) is water heating equipment, which uses Liquid Petroleum Gas [LPG) for the heating purpose, so the cost of producing hotwater is very less [71%] in GWH than electric geyser. This GWH concept was used in U.S.A. and western countries for several decades, but it is very new to India.

**Yellowstone** Gas Geyser is a best alternative for Electric Geyser. **Yellowstone** Gas Geyser can be run with domestic LPG cylinder and LPGregulator or connectedto a BioGas supply so no electricity is required. The amount of hot water that can be produced is unlimited unlike limited capacity in Electric Geysers. Also the time required to produce hotwater is few seconds, compared to 15-20 minutes in ElectricGeysers.

 Yellowstone

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Solar Pvt Ltd.

## How it Works

As soon as you turn your tap on, the water flow through the Geyser activates the Battery operated ignition and also the valve that releases Gas [LP Gas or Natural Gas) to the main burner. The cold water running through a heat exchanger is heated by the gas burner and hot water flows out of the heating system! On closing the tap, the water valve shuts off the gas to the main burner.

In case there is no water supply, the gas is not released to the main burner [water safety measure]. If there is no flame, the gas is not released [Flame Failure protection ]. And in the rare case of overheating, the gas supply is cut off and the system shuts down [overheatprotection].

## Available models and Technical Specifications

Model No.	JSD14 -D5	JSD14 -D 10	JSD14-D15
	Bio Gas   LPG	LPG	LPG
Capacity	5 ltr / min	10 ltr /min	15 ltr / min
Rated Voltage	3VDC(battery 2 nos.)	3VDC(battery 2 nos.)	3VDC (battery 2 nos.)
Water Pressure	0.25kg/em'	0.25 kg/ern'	0.25 kg/em''
Rated	10KW	15KW	20KW
Rated heating	LIT25'	LIT25'	LIT25'
Rated Gas pressure	2800 Pa	2800 Pa	2800 Pa

## Yellowstone Hot Water System with Gas Geysers & Storage Tank



**Yellowstone** Gas Geysers are used for instant heating of water in the Solar Calorifier Tank. The Calorifier tank is made of SS 304 sheets and insulated by 100mm mineral wool and clad with outer metal sheet to retain the heat for a long period. When the temperature of water in the calorifier tank is reduced from the pre set temperature, the circulation pump is activated to heat up the water in the calorifier tank. The Gas Geyser are automatically ignited when the circulation starts. When the hotwater is drawn from the calorifier tank, the temperature comes down, the temperature sensor then activating the pump and gas geysers. The water in thecalorifier tank is heated up instantly. The calorifier tanks are of 100, 200, 300 and 500 Ltrs Capacity.

Make	Yellowstone
Output	500/ 1000/2000 Ltrs per hour
Fully automatic	Both gas and power consumption are directly proportional to hot water consumed
With storage capacity	Storage tank (specified capacity on request/ application) ensures 24 hour supply ofhot water at your specified/ set temperature
Very high efficiency	100 Ltr of Hot water heated upto 60 deg Celsius with 0.4 kg of LP GConsumption
Warranty	1Year

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