

# SOLAR WATER HEATER ETC

EVACUATED TUBE COLLECTOR (ETC)

SOLAR WATER HEATER - 100 / 200 / 300 / 500 / 1000 / 1500 / 2000 / 3000 LPD



Mars Solar 360 Solar Water Heater (ETC System) works on a simple principle 'Black body heat absorption principle'. The principle says, 'black colour absorbs maximum heat, more than any other colour'. It may not be something that's overly common for Indian households but the Solar Domestic Water Heater is slowly but surely becoming a popular option for the community. Since they rely on the power of the sun, solar domestic geysers are required to be kept outdoors in open spaces like terraces with ample space and naturally, no shade. Solar water heating systems using vacuum tubes made of borosilicate glass with special coating to absorb the solar energy are called as Evacuated Tube Collector system (ETC Systems)



## SOLAR WATER HEATER ETC

### HOT WATER TANK SPECIFICATIONS

- |                            |  |
|----------------------------|--|
| • Material of storage tank | Glass enamel coated  |
| • Insulation               | On special steel CFC free PUF- thickness:50mm              |
| • Outer cladding           | Pre-coated steel (RAL 7035)                                |
| • Safety valve             | Air vent for Thermosyphon & 6bar Pressure relief valve for |
| •                          | pressurized System   |
| • Electrical backup heater | 2kW backup heater  |
| • Tank protection          | Aluminium anode with in-built replacement provision        |

### SALIENT FEATURES

- High quality tubes made from borosilicate glass
- No clogging/choking
- Long lasting
- Better performance in winter and cloudy days
- Inner glass tube is coated with the world best magnetron sputtering Hi-Tech, layers of AL – N with AL base
- Vacuum jacket insulation
- Heats water to a very high temperature
- Makes hot water available even on partially cloudy days
- High quality PUF insulation for maintaining high temperature of water inside the tank
- Compact
- Easy to install, operate and maintain
- Galvanized Iron tank for hot water storage
- Powder coated GI stand
- Safe and environment friendly

### APPLICATIONS

