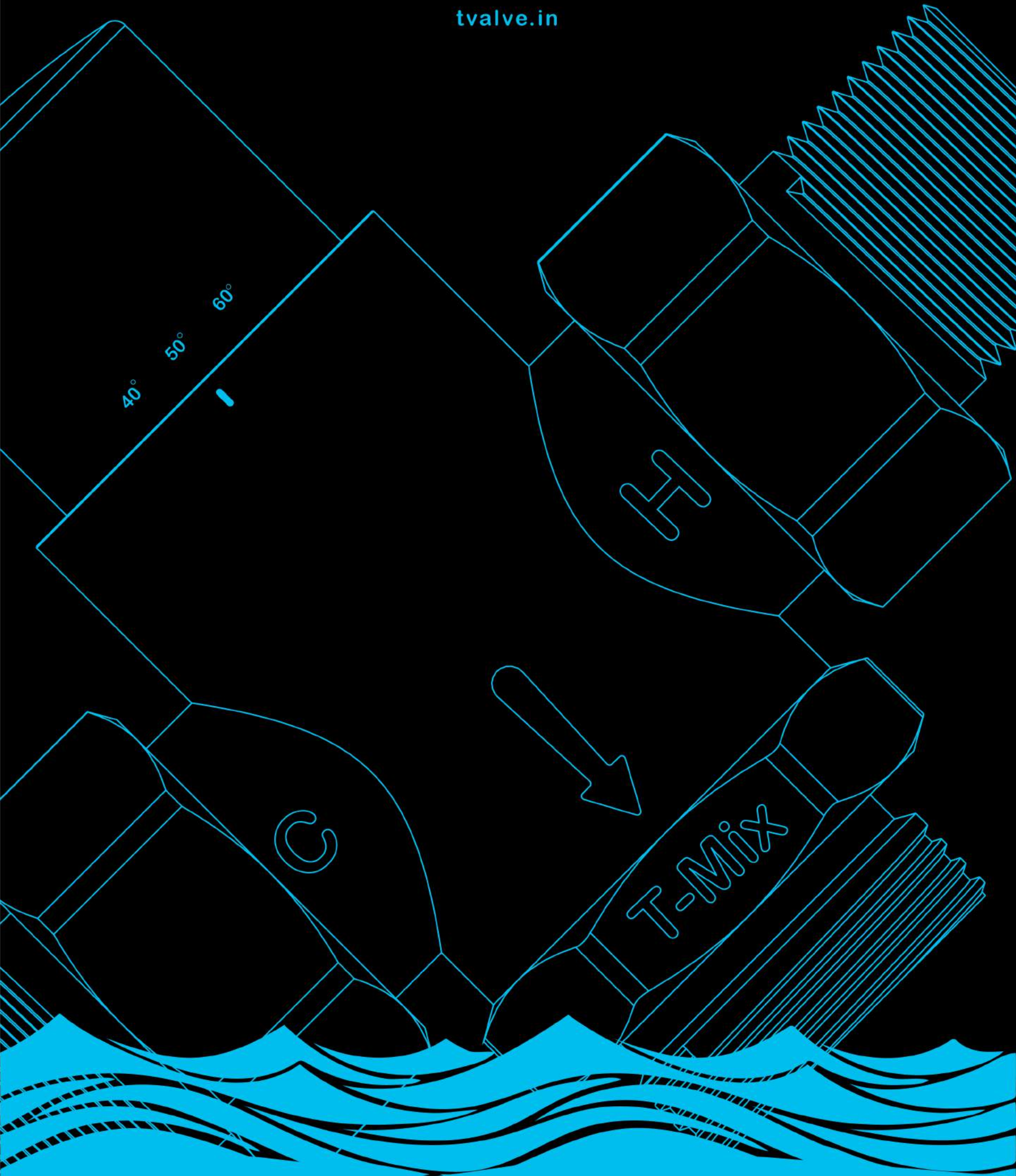


tvalve.in



T-Valve®
THERMOSTATIC MIXING VALVE



PREVENT

Hot water Scalding from your
TAPS AND SHOWERS



Hot water **Scalding** ?

A Burn caused by sudden exposure to uncontrolled **Hot Water**.



What's the **RIGHT TEMPERATURE** to have Bath ?

WHAT TEMPERATURE HOW LONG HUMAN CAN SURVIVE

Temperature	45°C	50°C	55°C	60°C	65°C	70°C	75°C	80°C
Adult 3rd degree	> 60 minutes *	300 sec	28 sec	5.4 sec	2.0 sec	1.0 sec	0.7 sec	0.6 sec*
Adult 2nd degree	> 60 minutes *	165 sec	15 sec	2.8 sec	1.0 sec	0.5 sec	0.4 sec	0.3 sec*
Child 3rd degree	50 minutes *	105 sec	8 sec	1.5 sec	0.5 sec	0.3 sec	0.2 sec	0.1 sec*
Child 2nd degree	30 minutes *	45 sec	3.2 sec	0.7 sec	0.3 sec	0.1 sec	<0.1 sec	<0.1 sec*



37°C



38°C



40°C

WHY TEMPERATURE REGULATION

Why T-Valve®?

Water should be stored above 60°C to prevent Legionella* bacteria growth within the plumbing line. However water at 60°C presents the risk of scalding.

Therefore, T-Valve® helps prevent this risk by suitably controlling temperature of mixed water within acceptable limits

* In India disease due to legionella is commonly mistaken with Pneumonia

EXPOSURE TO HOT WATER DANGER

In our daily life: Domestic Solar Water heater or Geysers where it is difficult to control the temperature of Hot Water.

Application areas:

Hospitals
Schools
Elderly Homes
Commercial Center
Residence and Hotels

T-Valve[®]

THERMOSTATIC MIXING VALVE



TMV steps down hot water temperature by mixing with cold water, hence mix water temperature is less than 43°C which is relatively safe.

Prevent hot water Scalding... or Burns...By **T-Valve[®]**

STOP SCALDING AND SAVE LIVES



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