eVALV™
Ideal Solution for Process Control Applications
The Forbes Marshall control valve, the eVALV™ (patent pending), is a versatile solution that meets varied process control applications.

Our control valves are custom engineered to provide precise process control with a quick response.

Forbes Marshall control valves have a robust and compact construction. They are built to the highest quality standards with low cost of ownership.

### Features, Benefits and Media Applications

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<tr>
<th>Features</th>
<th>Benefits</th>
<th>Media</th>
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<tbody>
<tr>
<td>Self aligning guided bonnet</td>
<td>Precise temperature control</td>
<td>Steam</td>
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<td>Ensures perfect alignment of plug to the seat</td>
<td>Optimised and sustained productivity</td>
<td>Water / Liquid</td>
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<td>Ensures high levels of accuracy and repeatability</td>
<td>Controlled utility consumption</td>
<td>Gases</td>
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<td>Self adjusting floating seat with plug</td>
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<td>Avoids seizure of internals and joints and ensures reliability of performance</td>
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<td>Chevron stem packing</td>
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<td>No offline leakage</td>
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<tr>
<td>Friction welding of plug and valve stem</td>
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<td>No damage due to vibrations</td>
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Typical Industry Applications

**De-solvening Toaster (DT)**
Optimum temperature control for DT leads to reduction in hexane loss and improvement in quality of deoiled cakes with better specific fuel consumption.

**Brew Kettle**
Correct temperature control leads to optimised process ramp up modulation. This results in optimum colour and taste of beer through proper evaporation control.

**Solvent Recovery Process**
Accurate temperature control optimises the reflux ratio and solvent evaporation leading to reduced steam consumption.

**Pasteuriser**
Rework and rejection eliminated through accurate control of critical pasteurisation temperatures.

**Bottle Washer**
Precise temperature control of soaks in bottle washer ensures proper cleaning of bottle and helps to maintain the desired thermal gradient avoiding bottle breakage.
Customer Speak

“Forbes Marshall’s temperature control solutions for de-solventiser toaster and cooker have helped us to achieve superior quality DOC.”

Edible Oil Industry Major

“PID based temperature control system from Forbes Marshall has helped us to improve upon the product quality and efficiency (wort recovery) by precise temperature control and monitoring.”

Global Brewery Plant

“After conversion from our manual system to Forbes Marshall’s automatic temperature control system, we are able to maintain precise zone wise temperature in pasteuriser ensuring product quality.”

Beverage Industry Giant

“Forbes Marshall's PID control valves on our fluidised bed dryers (FBD) ensure optimum temperature regulation of air, thus ensuring perfect product quality.”

Leading Pharmaceutical Plant

“Forbes Marshall’s PID control valves on dryers have ensured precise adherence to the ramp and dwell profile and reduced steam consumption by 1.5%, also eliminating manual intervention.”

Leading Rice Mill

Contact a Forbes Marshall depot for direct and rapid supply of products and genuine spares.
Write in to fmdepotenquiry@forbesmarshall.com