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Simply Unique



Tri-Clover® Unique 7000 Series – A New Valve Generation
with the latest Tri-Clover® innovation



www.alfalaval.com/unique

A one-piece body with no welds? That's Unique!



From a stainless steel disc...

The one-piece body of the Unique 7000 starts life as a 316L steel disc. This is deep drawn and pressed to form the finished body for a new generation of Tri-Clover® single seat valves.



To a Unique valve body...

Designed to meet the highest market standards, the annealed body of the Unique 7000 has an ideal surface finish with no welds*. Forming the valve body from a single disc also ensures there are no porosities.



To a Tri-Clover® Unique 7000 Series

Where hygiene and safety are critical, the Unique 7000 is the perfect solution. It's modular in design for maximum flexibility. The ball-shaped design provides gentle product treatment and cleanability to give you years of reliable operation, with low life-cycle cost.

After listening to your needs, we've raised the standard once again. The Unique 7000 is an innovative new generation of Tri-Clover® single seat valves that are designed to meet the highest process demands for hygiene and safety. You'll also find features specifically designed to save you money. Combining the best from US market leader Tri-Clover® and world market leader Alfa Laval, the Unique 7000 is built on a well-proven platform from an installed base of more than one million valves. A unique combination of proven technology and innovative features, the Unique 7000 sets a new standard for the future.

Our Standard is Unique

* Except for 1" and 1 1/2".

Simply configured for your process

The Tri-Clover® Unique 7000 Series can be configured for any process

Designed with user flexibility in mind, the Unique 7000 offers you a wide range of bodies, actuators and seat rings to choose from.



For the Unique 7000 we offer an automation portfolio matching any market need – from the *IndiTop* (left) over the *Tri-Clover*® Green Top, the *ThinkTop*® Basic to the advanced *ThinkTop*®.

Actuator standard: Partly maintainable, supplied with five years' warranty. Option: Fully maintainable. The latter is NO/NC reversible. The Unique 7000 offers the modular choice of four actuator sizes to match your application.

Composite bushing ring ensures long-term performance of the valve in both the vertical and horizontal position.



Safe, improved clamp concept.

Double working lip seal minimizes risk of contamination and contributes to safer production.

One-piece body with inner surface of 32 Ra max. and no welds on the valve body.



TR2 seat ring with enhanced CIP capabilities for improved hygiene, lower cost of ownership and safer production. The Unique 7000 seals are designed for easy maintenance.

When hygiene and cost are crucial

Raising the standard again

Setting an even higher standard, the Unique 7000 is the perfect solution for a wide range of applications. Our huge customer base includes the dairy, beverage, food and food-related industries worldwide. We are also a trusted business partner to the pharmaceutical, biotechnology and personal care industries.



Let's talk hygiene...

The body of the Unique 7000 has no welds. It's annealed with a 32 Ra max. surface finish, meeting the highest standards of hygiene. Superior cleanability is reinforced by the ball-shaped body with no dead zones and a seat ring with enhanced CIP capabilities. A double working lip seal also minimizes risk of contamination.

We're talking optimum hygiene!

Process safety and peace-of-mind

In your business, optimum hygiene is essential for safe production. But the Unique 7000 offers you security in other ways as well. The one-piece body provides strength and ensures reliable, safe production. The valve is designed to be 3A compliant. The TR2 seat ring, with enhanced CIP capabilities for improved hygiene, is a standard feature

in the U.S. The valve can also be supplied with an elastomer seal ring with defined compression of sealing with metal-to-metal contact ensuring safe production. The TR2 seat ring also provides lower maintenance costs and safer production.

This further proves the Unique 7000 stands for safety and quality, and will not let you down.

Low cost of ownership

Low maintenance costs are one of many cost-saving features offered by the Unique 7000.

- Available in both a maintainable and non-maintainable actuator version.
- Superior cleanability saves you time and cuts cleaning fluid costs.
- The actuator gives you higher performance.
- Our user-friendly Valve Configurator,

CAS, helps you choose the correct configuration for your process.

- Our advanced automation portfolio enables you to choose the level that precisely matches your need.

New aseptic design also offers savings

The Unique 7000 aseptic version features a one-piece design and eliminates the need for a steam barrier. This results in fewer spare parts, less maintenance and lower cost of ownership.

Your future is Unique

We know about valves

For more than 80 years, Tri-Clover® products have been the leading sanitary fluid handling equipment in the North America. Likewise, Alfa Laval has been the world market leader in the sanitary fluid handling field. So it's safe to say that we know more about valves than anyone else in the business.

The birth of a new generation

Continuing our long tradition of innovation, we have raised the standard again by combining the best of Alfa Laval and Tri-Clover® valves to give you the Unique 7000.

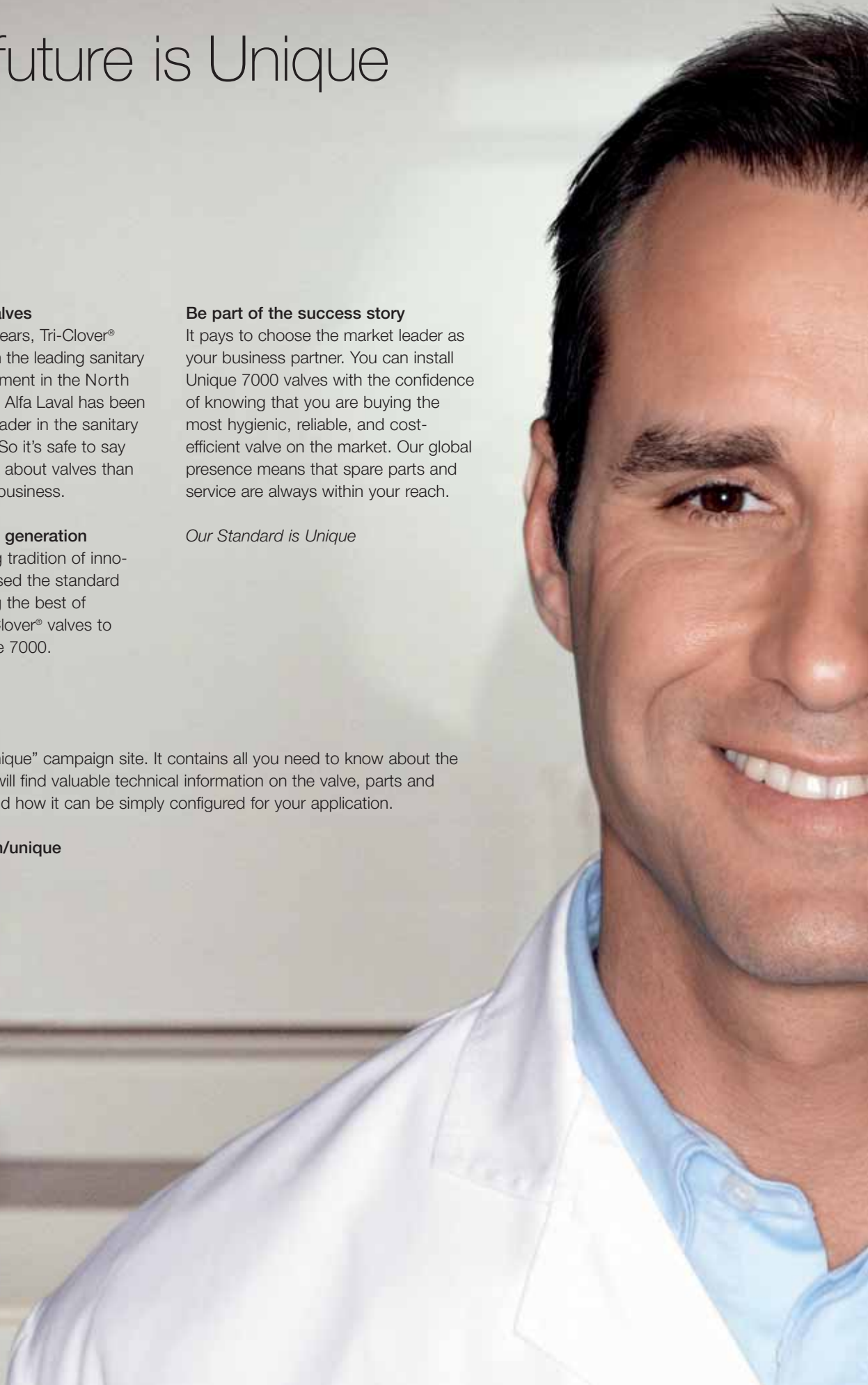
Visit our "Simply Unique" campaign site. It contains all you need to know about the Unique 7000. You will find valuable technical information on the valve, parts and service solutions and how it can be simply configured for your application.

www.alfalaval.com/unique

Be part of the success story

It pays to choose the market leader as your business partner. You can install Unique 7000 valves with the confidence of knowing that you are buying the most hygienic, reliable, and cost-efficient valve on the market. Our global presence means that spare parts and service are always within your reach.

Our Standard is Unique



Alfa Laval in brief

Alfa Laval is a leading global provider of specialized products and engineered solutions.

Our equipment, systems and services are dedicated to helping customers to optimize the performance of their processes. Time and time again. We help our customers to heat, cool, separate and transport products such as oil, water, chemicals, beverages, foodstuffs, starch and pharmaceuticals.

Our worldwide organization works closely with customers in almost 100 countries to help them stay ahead.

How to contact Alfa Laval

Contact details for all countries are continually updated on our website. Please visit www.alfalaval.us to access the information.



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