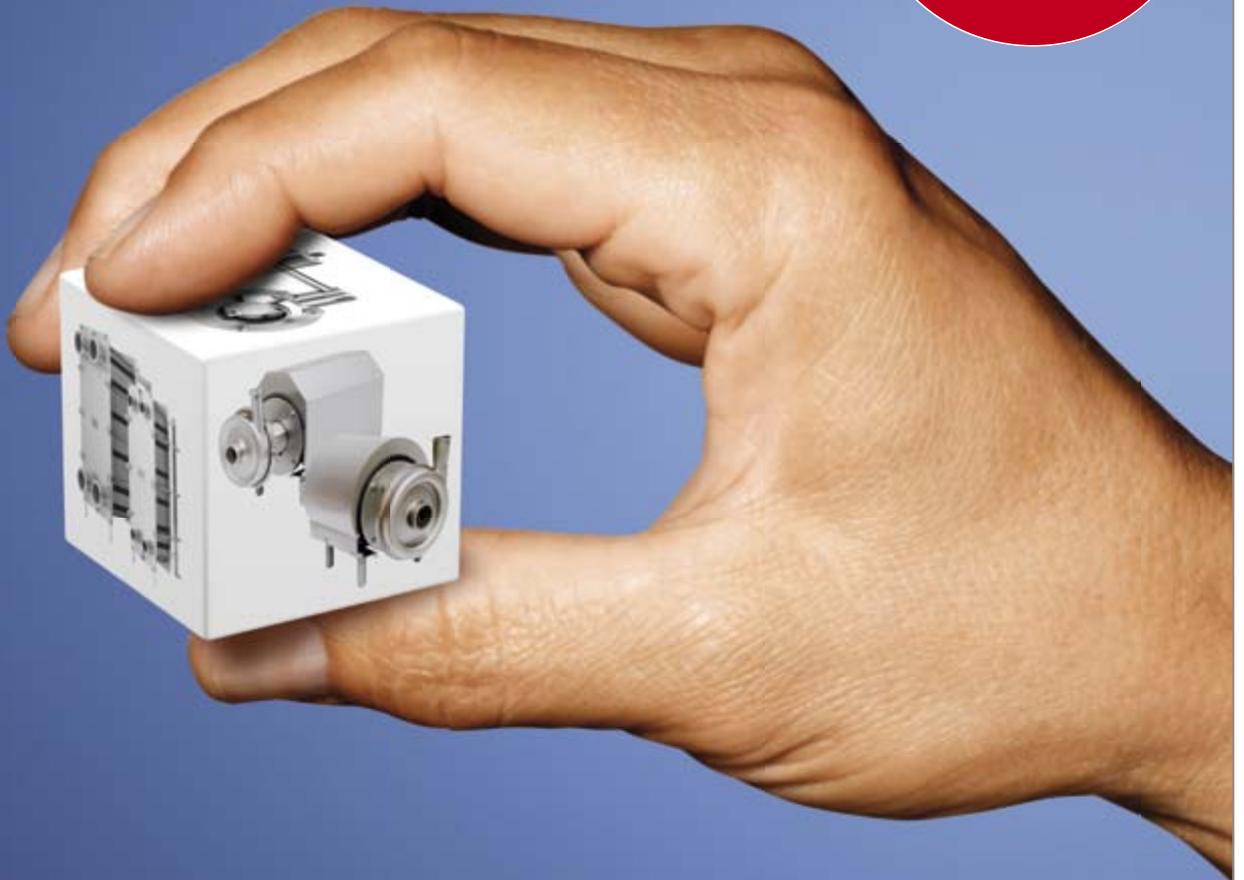




Foundations of performance

Alfa Laval i-Series: Affordable. Reliable. Simple.

Good value
Hygienic product
iCP2000





Working with hygienic applications is ultimately a question of care.

We take great care to understand the needs of our customers, and to safeguard the consumers of food and beverages. That means keeping a finger on the pulse of industry, responding to challenges and providing support each step of the way.

It also means constantly innovating to ensure the most effective solutions. Our Alfa Laval i-Series, the latest compliment to our portfolio, answers market needs while building firmly on our track record of performance and reliability.

As with all our solutions, its safety, gentle efficiency and uncompromising cleanliness protect not only the businesses that work with hygienic applications, but also the consumers they serve.

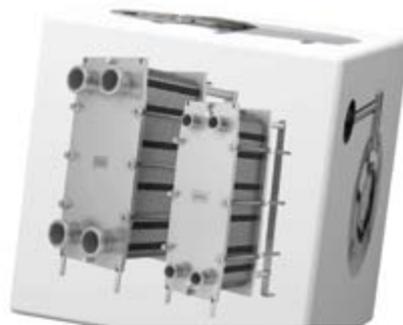
Affordable. Reliable. Simple.

Getting the basics right is critical when it comes to food and beverage production and other hygienic applications. That is why we have developed the Alfa Laval i-Series: a cost-effective new product range that delivers trouble-free performance in a wide range of applications.

As a complement to our premium products, the i-Series brings Alfa Laval reliability to applications that call for a streamlined solution more focused on economy.

Dependable performance in every application is essential to profitable production, and the Alfa Laval i-Series provides a solid foundation. These robust products deliver what is needed simply and precisely – no fuss, no waste.

The range comprises plate heat exchangers, centrifugal pumps and valves.



i-Series pumps

The i-Series centrifugal pumps are ideal for most standard duties, securing effective yet gentle liquid transfer. Building on decades of pump design expertise, they offer easy cleaning, simplified maintenance and low cost of ownership in the long term. They are EHEDG-compliant and come with FDA-approved elastomer's.



Centrifugal pump i-CP2000

The i-CP2000 features a patented shaft seal arrangement. It also has the same volute pump casings and computer-designed impellers as our premium range pumps, ensuring high efficiency and gentle product transfer.

- Maximum flow rate 140 m³/h
- Maximum inlet pressure 500 kPa (5 bar)
- All product wetted parts in 1.4404 (316 L)
- Energy-efficient motor: Standard efficiency IE2

Technical data	i-CP2000
Maximum flow rate	140 m ³ /h
Maximum discharge pressure	80 mmWc
Maximum inlet pressure	500 kPa (5 bar)
Temperature range	-10°C to +140°C (EPDM)
Material	
Product wetted steel parts	AISI 316L
Other steel parts	AISI 304
Product wetted seals	EPDM, Nitrile (NBR), Fluorinated rubber (FPM)
Outside finish	Semi-bright
Inside finish	Ra < 1.6 µm
Shaft seal	
Single mechanical	Available
Flushed	Available
Double mechanical	Available
Motor	
Standard	Standard efficiency IE2
Options	
Impeller nut/screw	Standard
Motor protection (PTC thermistor)	Standard



Alfa Laval products are designed to deliver uninterrupted performance, with maintenance kept to a minimum. Our extensive knowledge of hygienic applications enables us to provide outstanding support, ensuring a long product lifetime and a profitable production process.

Alfa Laval's precision-engineered spare parts are an integral part of this support approach. Available globally through our network of over 1500 working partners, they ensure maximum benefit from each production hour, and a maximum number of production hours per part.

Also at your fingertips are service videos and maintenance guidelines, which provide expert advice for maximizing uptime. And for more in-depth guidance, we offer comprehensive training and workshops, either at our own facilities or directly on site.

Alfa Laval in brief

Alfa Laval is a leading global provider of specialized products and engineering 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 web site. Please visit www.alfalaval.com to access the information.

E: india.info@alfalaval.com

Scan to visit the product page

