



PERFORMANCE FILTRATION

High Performing Filtration & Purification Solutions

Driven by performance, innovation & quality

- Hardware & Products
- Systems & Projects
- Service and Parts

CAPABILITY DOCUMENT



At BHF, client expectations are just our starting point

Australasia's leading filtration specialist, BHF Technologies designs, fabricates, installs and services liquid and gas filtration and water purification systems that improve critical processes for the food and beverage, healthcare and biotechnology, water treatment, mining and resources industries.

We have teams around Australia and New Zealand who combine technical knowledge, industry experience and a commitment to innovation to ensure that every solution delivered exceeds our customers' expectations.

BHF maintains an extensive and varied inventory of the world's finest filtration products and

Oenological additives, many of which are available exclusively through us. These items are strategically stored across our network of distribution centres nationwide, ensuring fast and reliable access to the materials our customers need.

The vision that drives us is to develop world-leading solutions that deliver measurably improved process efficiency, measurably reduced OpEx and are measurably better for the environment.

BHF was founded in 2000 and now has office and distribution centres across Australia and New Zealand.

“ Our work is driven by a single goal: to achieve exceptional performance—in the quality of our products, the efficiency of our team, and the excellence of our customer service. ”

Wayne Shub, CEO and Founder

The technical know-how, industry experience and product range to deliver higher-performing filtration and purification solutions

Our Principle Activities

World-Class filtration & oenological products & advanced water purification solutions

We provide standard and bespoke filtration products as well as component or turnkey filtration systems and pharmaceutical-grade water purification technologies engineered in our Melbourne-based R&D facility to meet stringent industry standards and tailored to suit specific local water conditions, ensuring each system delivers optimal performance.



Applications include:

- Pharmaceutical water
- Brewing and winery water
- Dairy water
- Water recovery
- Water and wastewater
- Non-alcoholic beverage production
- Mining water
- Ultrapure water
- Alcoholic beverage production
- Municipal water
- PFAS removal



Audits & needs assessments

In the constant search for performance improvements and process optimisation, our engineers regularly attend client sites to run audits and assess opportunities for enhancements.



Support & Maintenance

Dedicated service engineers offer both contracted and on-demand customer support, calibration, remote monitoring, upgrades and preventative maintenance, as well as parts-stock management programs.



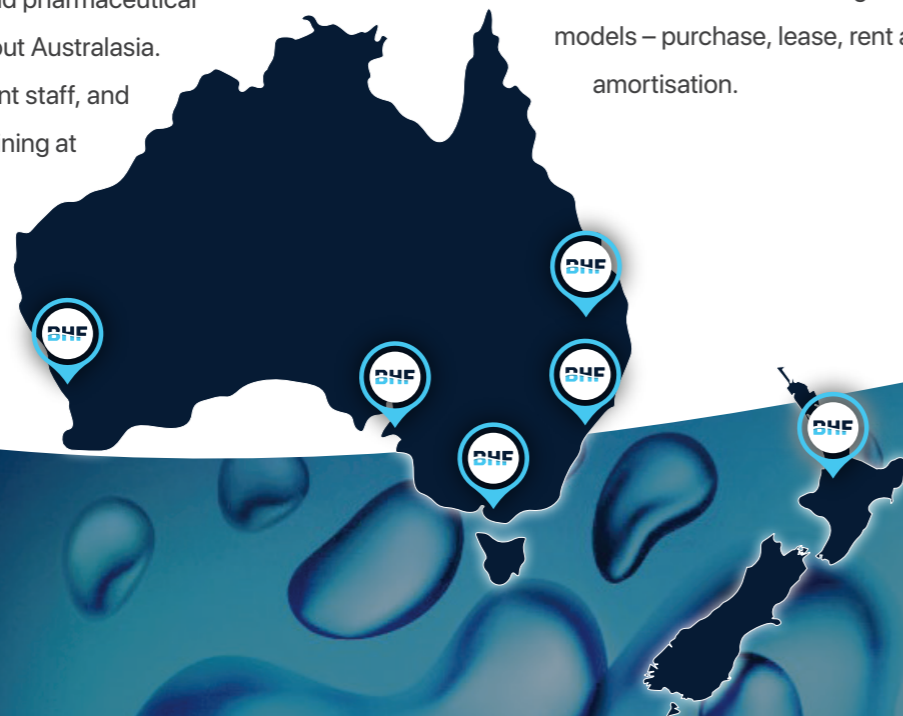
Rental & other financial options

We offer flexible short and long-term financial models – purchase, lease, rent and amortisation.



Installation & Commissioning

Our national team of specialist technicians installs and commissions solutions in industrial, food and beverage and pharmaceutical applications throughout Australasia. We regularly train client staff, and we offer handover training at the completion of commissioning.



The BHF Difference

Methodologies developed over the past 20 years.

Our consistent growth and many awards validate the effectiveness of our approach.

Product availability

We stock Australia's largest range of filtration products, chemicals and additives – many exclusively – which we distribute from our country-wide distribution centres. Our investment in local stockholding is significant to ensure clients are always supported.

Collaborative system design

In solving client needs, we are committed to getting you a measurably better result, and our methodology reflects that. Our approach is collaborative, flexible and outcome-focused.



BHF Finance

To support client investments, particularly in bespoke systems, we offer flexible tailored finance options: leasing, renting and OpEx amortisation.

Research, design & technical

We have assembled Australasia's largest filtration and purification specialist engineering technicians, many of whom have experience in client industries. We have significant R&D facilities and constantly develop ground-breaking new solutions.

Adaptive Intelligence

BHF's approach to finding performance-enhancing solutions to filtration and purification problems is about:

- Digging deeper and challenging status quo solutions
- Taking the time and effort to really investigate a problem
- Collaboration between the client, BHF teams and product

Adaptive intelligence is the spirit of customer expectations, which is just the starting point; our commitment is to outperform them on every occasion.



Filtration and Oenological Products & Accessories.

We offer a comprehensive range of filtration and oenological products, each product selected to ensure that your filtration setup operates optimally. We are the exclusive Australasian supplier for a wide range of the highest-quality filter and component manufacturing brands.

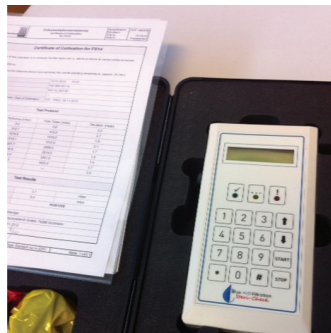
With hundreds of variables, BHF understands the urgency of supply. We stock tens of thousands of products across our network of warehouses and distribution centres.

Filtration Hardware



- AFS
- Filter Housings
- Filter Skids
- Water Systems

Accessories



- Filterability Index Unit (Automated)
- Filterability Index Unit (Manual)
- Integrity Tester
- Housing Brackets
- Gaskets and O-rings
- UV Components

Filters



- Bags
- Capsules
- Carbon
- Coalescers
- Depth Filters
- Membranes
- Pleated
- UF and MF modules
- Sheet and Lenticular
- Stainless steel

Water Purification Systems

BHF employs state of the art technologies combined with expert knowledge of process requirements to provide pharmaceutical-grade water systems tailored to your operation. BHF offers a wide range of Ultrafiltration (UF) and Reverse Osmosis (RO) systems, available in single, multi-stage, or multi-pass configurations, as well as integrated UF and RO combinations with pretreatment options tailored to local supply conditions. Our solutions are available in both standard and customizable designs, with options for skid-mounted or containerized setups to suit diverse needs.

Purification Systems include:

- Ultrafiltration (UF)
- UF-RO
- RO-EDI
- RO-EDI-UF
- Water For Injection (WFI)
- Ozone & Ultraviolet (UV)
- Carbon systems
- Dosing systems



Custom Filtration Systems

Our cutting-edge solutions play a critical role in enhancing water quality in several industries. Each system is engineered to ensure high performance, improve efficiency, comply with stringent industry standards, and promote sustainable practices.

BHF System design & technologies include:

- Automated Filtration Systems (AFS)
- Filtration Skids
- Carbon skids
- Cleaning in Place (CIP)
- Combination of multiple filtration, purification, sterilisation and related technologies



BHF Leadership on Environment, Safety & Governance

At BHF, we are dedicated to sustainable and responsible operations. Our ESG strategy is a fundamental part of our mission to deliver superior filtration solutions while contributing positively to society and the environment, and is integrated into everything we do.

Environmental Responsibility

We are committed to minimising our impact through sustainable practices. Our processes are carefully considered to:

- Reduce waste and promote recycling.
- Optimise energy efficiency, using sustainable energy in our production facilities where we're able to.
- Use eco-friendly materials and technologies in our products.
- Continuously improve our environmental performance through regular audits and reviews.
- Partner with manufacturers that adhere to sustainability practices.
- Increase filter service life, reducing changeouts and landfill.



Our commitment to safety at all times

The safety of our employees, customers and the communities we serve is paramount. We adhere to stringent protocols to ensure a safe working environment.

Our initiatives include:

- Comprehensive training programs for all employees.
- Regular safety audits and risk assessments.
- Implementation of cutting-edge safety technologies.
- Prompt response and corrective actions for any safety concerns.



Highest standards of corporate governance

Our governance framework is built on transparency, accountability, and ethical conduct. Key practices include:

- Adherence to ISO9001 standards and industry best practices.
- Regular monitoring and reporting of our ESG performance.
- Strong oversight by a dedicated board of directors.
- Active engagement with stakeholders to address concerns and expectations.



Industries BHF supports

Food & Beverage

Our cutting-edge filtration and purification products and systems are meticulously designed to address critical processes and contamination control requirements in the food and beverage industry so that clients can guarantee the utmost purity and integrity of their products.

- Wine production
- Brewing
- Cider
- Spirits
- Dairy
- Food production
- Non-alcoholic beverage



Healthcare & Biotech

From pharmaceutical manufacturing to laboratory research and clinical applications, our advanced technologies reliably meet the rigorous demands and stringent regulatory standards of the healthcare and biotechnology sector to ensure purity and safety, and to optimise the efficiency of vital processes.

- Pharmaceutical
- Hospital Systems
- Cosmetics



Water & Wastewater

Specialising in cutting-edge water treatment technologies, our comprehensive range of products and systems remove contaminants and enhance water quality across multiple applications. We are also committed to conserving water and contributing collectively to a more sustainable future.

- Municipal
- Industrial
- Wastewater
- Environmental
- Agriculture and Aquaculture
- Ground Water and Surface Water

Mining & Resources

Effective filtration is essential for operational efficiency, environmental compliance, and resource conservation in mining and resources. From mineral processing and tailings management to water recycling and wastewater treatment, our technologies optimise performance outcomes and reduce environmental impact.

- Oil and Gas
- Energy
- Resource recovery
- Green hydrogen

Australasia's leading performance filtration & purification specialist

Melbourne – Head Office

Sydney

Adelaide

Perth

Brisbane (Supports Northern Territory)

Hamilton, New Zealand (supports New Zealand, Fiji and Pacific Islands)

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