

Cool, Clean and Connected

An Integrated Approach to Data Centre Reliability

As AI workloads and power density increase, HYDAC helps Australian data centres stay reliable with integrated cooling, fluid conditioning and smart monitoring solutions, delivering Cool, Clean and Connected infrastructure backed by local engineering and support.

One Partner for Integrated Infrastructure Solutions.



COOL

Thermal management solutions for efficient and reliable cooling.

Thermal Management

White Space / Server Room

- Plate Heat Exchangers
- Distribution Rails
- Cold Plates
- In-Rack Air to Liquid Coolers
- In-Rack Cooling Distribution Units
- In-Row Cooling Distribution Units

Thermal Management

Grey Space / Periphery

- Plate Coolers
- Hybrid Chiller Solutions
- Dry Cooler
- Genset Radiators



CLEAN

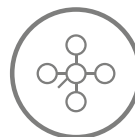
Fluid cleanliness solutions that protect mission-critical systems and extend equipment life.

Diesel Filtration and Protection

- Bulk Diesel Filtration
- Onboard Diesel Engine Filtration

Process Filtration

- Facility Water Filtration
- Closed loop Water-Glycol Filtration



CONNECTED

Smart monitoring and connected solutions for real-time insight and control.

Electrical Control Panels

- Panels for Cooling
- Panels for Filtration
- Panels for Auxiliary Systems

Fluid Condition Monitoring

- Pressure Measurement
- Filter Monitoring
- Room Air Overpressure Monitoring
- Flow Monitoring
- Temperature Measurement
- Conductivity Sensors
- Fluid Cleanliness Monitoring

Customised Solutions

We offer customised concepts for companies of all sizes.

Industry Experience

Over 60 years of experience in a wide range of industries.

Customer-centric Approach

Our approach prioritises the customer's needs.