

SMARTD

INNOVATION ENGINEERED,
ENERGY OPTIMISED

AeroMod™ Air-Cooled Chiller



**Engineered for scalable
performance and flexibility**



Efficient. Conventional. Optimized.

About Smardt

Smardt Chiller Group is a recognized innovator in high-efficiency, oil-free chillers, providing advanced heating and cooling solutions for data centers, industrial applications, and commercial HVAC systems. With a strong focus on sustainability, Smardt's product lineup includes air-cooled, water-cooled, and modular chillers designed for performance, reliability, and reduced environmental impact.

The introduction of the Smardt ECO platform broadens the company's portfolio beyond oil-free technology, offering high-efficiency solutions tailored for a wider range of applications. Headquartered in Montréal, Canada, Smardt operates globally, serving customers across North America, Europe, Asia, and Australia.



Smardt ECO represents a new class of chiller technology, engineered for scalable performance and flexibility. Designed to meet today's efficiency standards while fitting seamlessly into evolving building demands, Smardt ECO brings together conventional, proven compressor systems with next generation modular engineering.

From commercial to industrial applications, Smardt ECO delivers optimized efficiency, reliability, and ease of integration, offering a smart, serviceable platform that evolves with your project. It's everything you expect from Smardt's engineering, now with a focus on standardized, streamlined, and cost-effective performance.



AeroMod™

Air-Cooled Chiller (ACC)

Smartd's modular air-cooled chiller delivers reliable, all-electric cooling with flexibility to scale as your needs grow. Whether installed as a standalone unit or in a multi-module array, **AeroMod™ ACC** combines built in redundancy, part-load efficiency, and compact installation.

With internal piping headers, modules mount edge to edge-minimizing footprint and simplifying layout. Variable-speed compressors and EC fans ensure smooth performance across all conditions, helping reduce energy waste and downtime.

Fully compatible with major BAS protocols, **AeroMod™ ACC** offers centralized control in a compact, service-friendly system.

Revolutionary efficiency,
Designed to scale



Built for quiet operation

AeroMod™ ACC chiller variable-speed compressors and fan modules are engineered for low-sound operation it is ideal for buildings near residential areas, schools, or offices.



All-electric, oil-lubricated configurations



AHRI Certified, ETL Certified



Low-GWP refrigerant R-454B

SMARTD
ECO

Installation
advantages





EC Fans

Microchannel condenser

Enclosure box

Perforated panel

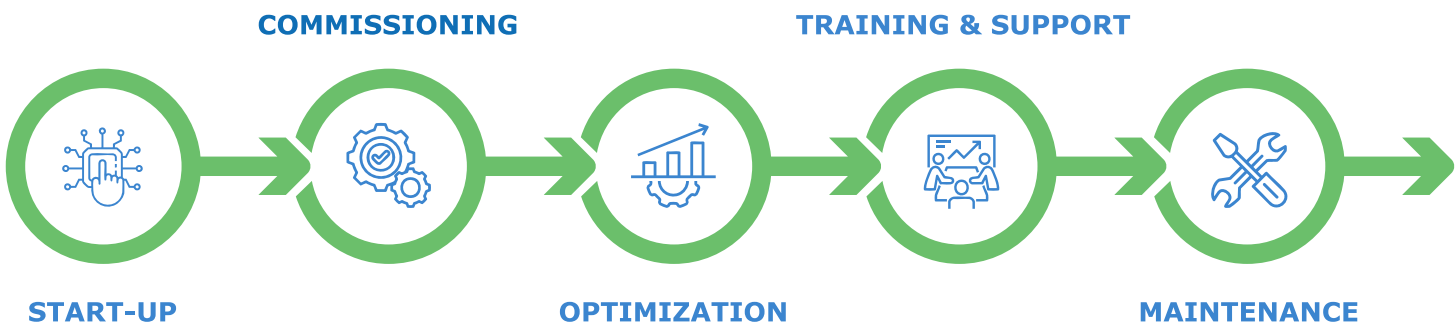
Heat exchanger

Full variable speed compressor

SMARTD
ECO

Driving lifecycle performance

Smardt delivers a comprehensive suite of services designed to maximize the performance, reliability, and longevity of your HVAC systems. With global experience across more than 12,000 chiller installations, we support customers throughout the entire equipment lifecycle from start-up to optimization and beyond.



Process-driven optimization

We help you get the most from your central plant systems with a data-driven approach that cuts energy use, lowers costs, and boosts performance.

It starts with an energy audit to pinpoint inefficiencies, followed by tailored solutions built around your plant’s needs. Often this includes our **Central Plant Energy Conservation System** (CPECS) a smart platform that dynamically manages equipment for maximum efficiency.

From assessment to full integration, we deliver seamless projects backed by proven results in commercial, institutional, and mission-critical facilities. The outcome: measurable savings, stronger reliability, and greater visibility supporting your efficiency and sustainability goals.



Core Benefits

System Capabilities

- Improved system reliability
- Reduced operational risks & costs
- Optimized energy performance
- Enhanced system control & transparency
- Regulatory & sustainability compliance
- Enhanced energy efficiency
- Lower operating costs
- Improved reliability with seamless execution



AeroMod™

Engineered for scalable performance and flexibility

With a suite of highly efficient and dependable HVAC solutions, we are your trusted partner wherever you may be.

Americas

Canada

Montreal (Dorval)
T +1 514 426 8989
E sales.na@smardt.com

USA

Plattsburgh
T +1 518 324 5741
E sales.na@smardt.com

South America

Mecalor Solutions
(licensed partner)
São Paulo
T +55 11 2188 1700
E vendas@mecalor.com

EMEA

Germany

Stuttgart (Wendlingen am Neckar)
T +49 7024 79429 0
E sales.eu@smardt.com
www.opk.de

France

Nantes
T +33 1 47 55 74 30
E sales.eu@smardt.com

Greater Asia Pacific

Greater Asia

Singapore
T +65 6273 1120
E sales.as@smardt.com

Australia, New Zealand

Melbourne (Bayswater North)
T +61 3 9761 7905
E sales.au@smardt.com

Malaysia

T +603 8060 1493

Greater China and Northeast Asia

China - Guangzhou

T +86 20-8205 7161-8041
E sales.cn@smardt.com

China - Nanjing

T +86 25 8532 6977
E sales.cn@smardt.com

Hong Kong SAR

Kowloon
T +852 2772 8448
E hk.info@smardt.com

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For current information, contact your Smardt Sales Application Engineer.

