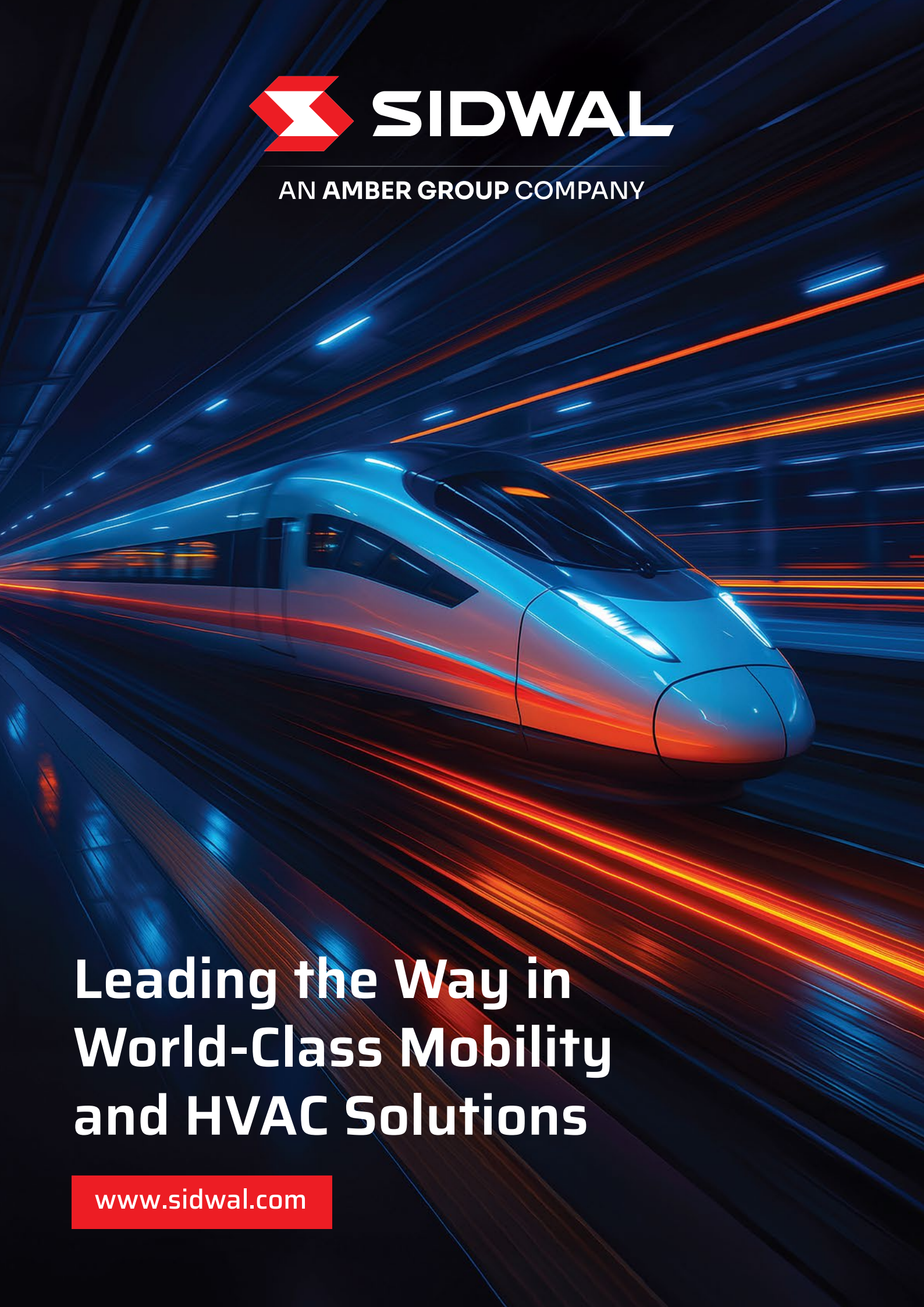


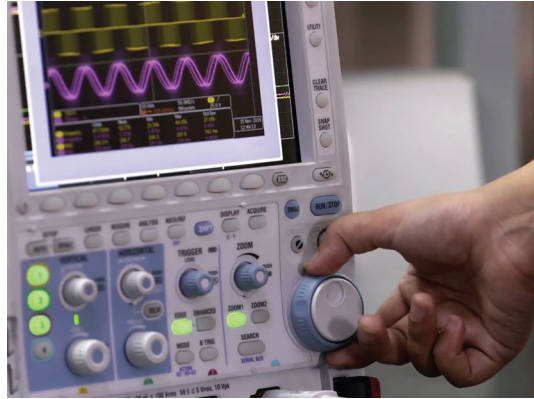


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Precision Engineering for a Connected and Mobile World

Trusted Partner in the Mobility Space Since 1991



Sidwal, a subsidiary of Amber Group, is a leading name in railway subsystems, HVAC, and precision cooling with over four decades of expertise. Recognized for engineering excellence and energy-efficient designs, we deliver reliable solutions across railways, metros, and defence mobility.

In 1991, Sidwal developed India's first Roof-Mounted Modular Compact Air Conditioners for Rail Coaches. Since then, more than 35,000+ units have been supplied and approved by the RDSO, Ministry of Railways, serving trains such as Vande Bharat Express, Shatabdi Express, Rajdhani Express, and luxury coaches, including the Palace on Wheels and Maharaja Express.

In 2004, we expanded into metro rail with advanced HVAC systems. To date, more than 3,600 units have been deployed across metro projects in Delhi, Kolkata, Jaipur, Mumbai, Bangalore, and Chennai, ensuring consistent performance for millions of passengers.

47+

Years of Manufacturing Experience

3

Manufacturing Facilities

35k+

HVAC Solutions Delivered

30+

Service Centres across India



HVAC



Gangways



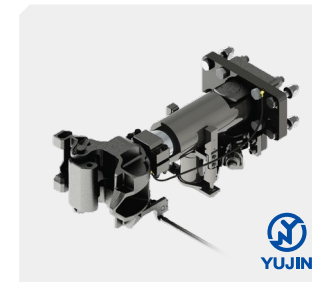
Doors



Pantry Systems



Brakes



Coupler



Pantograph



Driving Gear



Switchboard Cabinet



Cab Booster Units



Feeder Junction Box



MicroController

Our Solutions

HVAC Systems

Engineered for Mission and Mobility

Railway & Metro



Railway Coach HVAC



Metro Saloon HVAC



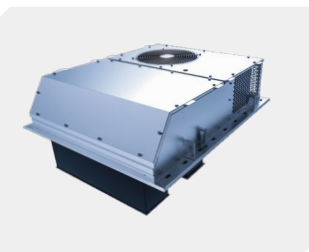
MonoRail Saloon HVAC



RRTS Saloon HVAC



EMU Cab HVAC



Loco Cab HVAC



Metro Driver Cab HVAC



EMU Cab HVAC (Vertical)



Battlefield Surveillance System (BSS) AC



Split AC



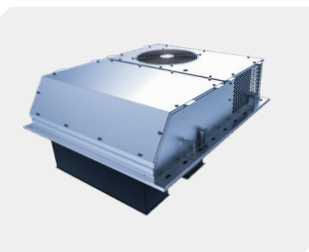
Temperature Control Unit (TCU) for Missile Launchers



Vertical Slip On AC



EMU Cab HVAC



Loco Cab HVAC



Metro Driver Cab HVAC



EMU Cab HVAC (Vertical)



Window AC



Wall Mount Slip On AC



ATV AC



Mine Protected Vehicle AC

Buses



5-13 m Conventional Bus AC



7-12 m Electric Bus AC



Ambulance AC



Mining Dump Truck AC



Rail Track Maintenance Machines AC



Harvester Cabin AC

Heavy Equipment



Our Solutions

Precision Cooling

Reliable Cooling for Critical Spaces



Data Center Perimeter Cooling



In-Rack Cooling



In-Row Cooling



Precision Split AC



Ductable ACs



Panel Cooling



Battery & UPS Room AC



Telecom Shelter 2in1 AC



Research & Development

Sidwal is your trusted partner for innovative, reliable, and certified HVAC solutions for transportation and different environments. The company offers comprehensive mechanical, electrical, and electronics expertise powered by multidisciplinary CAD, software, and testing teams. Sidwal ensures cutting-edge and dependable HVAC designs tailored to customer needs.

With in-house automatic psychrometric laboratories, Sidwal conducts precise performance testing up to 20TR (70kW) cooling and 35kW heating capacities, including complete ambient condition simulations. The company specializes in railway and metro HVAC systems ranging from 1.2 to 17.5TR (4-62kW), featuring durable stainless-steel and aluminum structures designed for demanding operational conditions.

Sidwal's smart control architecture incorporates advanced microprocessor and PLC systems with MODBUS, Ethernet, and CAN network integration, delivering superior control and connectivity.

All products comply with leading global railway, safety, EMI, and software standards, including EN 45545 HL2/HL3, IEC 61373, ISO 9000, and IEEE 50128, demonstrating Sidwal's unwavering commitment to quality and reliability.

Our Certifications



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