Faiveley Transport

HEATING, VENTILATION & AIR CONDITIONING

Over 100 years experience, service proven on all continents from -40° to +50°C

- WHEREVER YOU ARE
  The worldwide network of member companies ensures a maximum of local expertise and input, simplifying installation and maintenance and helps optimise total cost of ownership. This unrivalled experience ensures the perfect integration of Faiveley Transport systems, whatever the operating conditions.

- MORE THAN JUST A SUPPLIER
  Faiveley Transport is a practical, long-term partner through every stage of your project: from system definition, design, manufacture, commissioning to lifetime warranty including maintenance and overhauls.

- THE ROOTS OF OUR EXPERTISE
  Faiveley Transport, supplying reliable, innovative, market leading systems that cover all aspects of the railway industry for over a century. This enviable experience provides a solid base for innovation, and helps provide rigorously tested, state of the art technology meeting all customers' needs.

- THE ROOTS OF OUR EXPERTISE
  Faiveley Transport, supplying reliable, innovative, market leading systems that cover all aspects of the railway industry for over a century. This enviable experience provides a solid base for innovation, and helps provide rigorously tested, state of the art technology meeting all customers' needs.

CHOOSE Faiveley Transport and simplify the
- Design
- Installation
- Maintenance
- Future

Ecology + Economy

More for less
comfort, reliability, economy
maintenance, energy, emissions

Our dedicated design engineering team spearheads this global experience, giving you a fully customised system solution using refined & proven design procedures.
QUALITY PAYS...

PRESSURE PROTECTION FOR HIGH SPEED TRAINS
Air intake & outlet openings equipped with automatic pressure-wave valves prevent sudden pressure changes in the train when trains cross each other or enter tunnels.

HEAT RECOVERY SYSTEMS
External fresh air is pre-heated or pre-cooled by exhaust air. Using this "waste" energy gives reductions of 20 – 35% in heating and cooling modes. First applied in FLIRT Helsinki in 2008.

HEAT PUMP SYSTEMS
Reversing the flow on the air conditioning units creates considerable savings in energy - from 25 to 45%!
Environment-friendly, extra fail-safe, producing less CO₂ and saving costs, these service-proven systems were first installed in the Netherlands NS in 2006.

ENVIRONMENTALLY FRIENDLY
Green HVAC technologies not only use ozone-friendly refrigerants, but also reduce energy consumption and help reduce CO₂ emissions. Constantly monitoring the cooling system for leakages, detecting maintenance needs before customer comfort is compromised, Green HVAC increases reliability & economy, with less risk of pollution. Greater comfort for passengers & staff, optimised running costs, while protecting our environment, Green HVAC is the ecological choice!

COMPLETE SYSTEMS
Faiveley Transport Power converters convert primary energy from various on-board sources into adapted voltage, current and frequency outputs for air conditioning systems on all trains – from high speed to light rail. Compact HVAC air distribution: supply air ducting, return air ducting, exhaust air ducting, ceiling panels...

FLAT ROOF DESIGN
Ultra compact design with no distributed components gives huge savings in space & mass - to achieve maximum passenger load. Easier installation & maintenance allows greater optimisation of running costs. A fully proven system at delivery status simplifies commissioning. Service-proven in Asia, Russia, France, Hungary, Netherlands...

FRESH AIR OPTIMISATION SYSTEMS
Conditioned fresh air is supplied depending on the real number of passengers on board, thus reducing energy bills by 20 – 40% in both heating and cooling modes. Swiss Federal Railway SBB were the first to benefit in 2003.

WHY WASTE ENERGY?
WHY WASTE SPACE?
behind every reference is a story of flexibility and adaptability.