

Mobile HVAC Maintenance & Training

- ✓ Cabin, engine and fluid heating
- ✓ Air conditioning
- ✓ Filtration & pressurization

Mining Fleet Specialists

Trusted by mining giants and OEMs for HVAC support.

Mining Fleet Mastery

Boost HVAC performance with Rosco's HVAC maintenance training for tech teams. Elevate system reliability. Streamline maintenance facilities. Ensure optimal asset performance.

Unmatched Technical Expertise

- Former technical and field agent for SIGMA Air Conditioning.
- Managed HVAC operations with thousands of pieces of mining equipment.

Suppliers



- Reliability-focused maintenance practices
- Establish maintenance facilities and best practices
- Full management of HVAC assets inventory and major rebuilds

Rosco's hands-on approach safeguards investments, guiding every step from inventory management to critical asset rebuilds. Make every moment count with peak HVAC functionality.

Seamless implementation, guaranteed





HVAC Maintenance Training

For Mining Fleet Operators and Technical Team

Rosco offers comprehensive HVAC training designed to equip technical teams with the skills to ensure optimal asset performance, streamline maintenance facilities, and boost overall system reliability.

Training Outline

Depending on your needs, our training program can cover the following key areas.

Shovels & Drills Systems

Refrigeration Theory

Equipment



Shovels & Drills Systems Training

Our hands-on training program focuses on HVAC systems for electric shovels and drills, ensuring that technical teams can maintain and enhance system performance in extreme weather conditions.

- *System Components*
- *Control Systems*
- *Cabins & Airflow*
- *Electrical Systems*
- *Major Maintenance*
- *Soldering & Hosing*

Refrigeration Theory

Our in-class sessions on refrigeration theory provide a solid foundation in HVAC principles.

- *Refrigeration Cycles:* Including vapor compression and absorption systems
- *Thermodynamics:* Including heat transfer, pressure, and temperature control
- *System Design:* Including load calculations and system sizing

Equipment Training

Our training program includes training on specific equipment models from leading manufacturers.

- *Electric Shovels & Drills:* Tailored to the specific needs of electric shovels and drills, focusing on maintaining peak HVAC functionality
- *Specialized HVAC Solutions:* Cabin filtration systems, cold weather engine heating solutions, fluid heating





HVAC Systems & Parts

Rosco's approach ensures reliability and ease of maintenance, ensuring optimal uptime of your equipment. We supply replacement components, HVAC systems, and training which incorporates best practices and continuous improvement.

We can source nearly all components for your fleet from OEMs and other suppliers.

Replacement Parts

We supply replacement units for aging assets and custom systems to fit any type of equipment, leveraging our partnerships with leading HVAC system manufacturers.



Hose Kits

Leaking hoses are a common HVAC failure, causing unplanned downtime and inventory challenges. Our solution includes:

- **Customizable:** Eliminate the majority of hoses from your inventory and create custom hoses on the spot.
- **Built to Last:** With increased resistance to abrasion and flexibility for easy installation.
- **Field-Ready:** Build custom hoses in the field with minimal tools, ensuring immediate return to service.





PLAYFORD

Playford House Heaters

Keep electric drills and shovels running. Even in extreme weather.

The Global Standard

Playford House Heaters are the trusted solution for electric shovels and drills, guaranteeing optimal performance and durability.

70+ Years of Reliability

Installed in every Caterpillar/Bucyrus and Komatsu /P&H model. Unyielding performance, even in the most extreme weather.

Available in all standard voltages: 380V-575V, 50 & 60HZ



Cabin Filtration for Mobile Mining Equipment

EPURA Self-Cleaning Filtration System by Propulsa Innovations

Never Change Air Filters Again

Self-cleaning head uses low-frequency sound waves to eject dust particles without damaging the filter.

Fuel efficiency & performance

Maintains air volume for optimal power, fuel economy, and emissions

Applications: Cabins and Engines

Cold Weather Engine and Fluid Heating Solutions

Adaptable, fast-action heating solutions. Defeat winter.

PortaThaw

Quick recovery for frozen haul trucks.

TundraTherm

Enhance engine lifespan & operational readiness.

Heatprobe & More

Heat exchangers for all tanks and fluids. Fuel line and battery warmers, quick connects and more.



THERMEX

