

DigAire

Hydraulic Mining Air Conditioner



The Polar DigAire is especially designed for the rigorous requirements of the mining industry. It is suitable for heavy equipment and underground mine equipment such as loaders, dozers, excavators and drills.

Built to last, the DigAire helps you get better performance from your operators by creating a comfortable environment that is dust-free and temperature-controlled. Because of its modular one-piece construction, the unit is exceptionally easy to install and swap-out between machines, with minimal downtime.

The DigAire requires little maintenance because of its corrosion and vibration-resistant construction, and it can be installed virtually anywhere.

Features:

- Produces 20,400 BTU/hr of cooling
- Hydraulic drive
- One-piece construction
- Provides air filtering and pressurization
- Heavy gauge stainless steel case
- Ambient temperature up to 55 C, 130 F
- 10,000 hour motor life expectancy
- Vibration resistant
- Efficient, high-quality no-leak hoses & copper coils
- Unit comes completely charged with ozone-friendly R-134a and polyolester oil for immediate installation
- Engineered as a completely modular system that can be easily transferred from one machine to another, or swapped out for maintenance.
- 1-year limited warranty

Why choose the DigAire?

- Creates a comfortable, dust-free environment for healthier, more productive employees
- Easy to install and swap-out; there are no hoses to run, compressors to mount, or refrigerant charging required
- Designed to withstand operation in corrosive environments
- Exceptional reliability



Technical Specifications:

Type of Unit	Air Conditioner
Capacity	Cooling 20,400 BTU/6 kw
Current Draw	19 amps @24 vdc/38 amps @ 12 vdc
Condenser Fan Motors	Two, Single Speed
Evaporator Fan Motor	One, Three Speed
Evaporator Airflow	270 CFM (460 m3/h)
Ducts	5" hose connections
Hydraulic Requirements	7-12 GPM at 500-1200 PSI
Filter	Fresh Air Filter
Operator Controls	Cab-mounted, 3-speed switch
Casing Material	Stainless Steel
Refrigerant	R-134a
Weight	212 lbs./96 kg

Options:

- Available in 12 vdc
- 5" insulated ducting kits
- Universal air plenum assembly
- Lid-mounted safety tread plate
- Remote mount filter assembly

The unit was evaluated by the Alberta Research Council, Manufacturing Technologies, in accordance with the SAE Recommended Practice, SAE J1503 (August 95), Performance Test for Air Conditioned, Heated and Ventilated Off-Road, Self Propelled Work Machines.

Call 1-800-309-8155 today to find out more about the Polar DigAire Mining Air Conditioner or visit us online at www.polarmobility.com

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