



Technical Data

P&H® 24VDC Remote Compressor / Condenser

Mine Air Systems Products

Summary

The P&H Mine Air Systems Remote Compressor/Condenser (RCC) is a mounted 24VDC Compressor and Condenser unit. The RCC is designed as a replacement for conventional engine-mounted, belt-driven compressor and condenser arrangement on mobile mining equipment. It is suitable for installation on a wide variety of mobile diesel-powered mining equipment including haul trucks, graders, dozers and front-end loaders. The RCC is designed to tie into the existing OEM air conditioning system and utilizes the existing dash-mounted OEM evaporator coil, blower, ducting and vents.

Benefits

- Improves air conditioning system performance and equipment uptime by replacing the typical engine-mounted, belt-driven compressor / condenser system with a modular 24 VDC remote compressor / condenser unit.
- Reduces maintenance costs associated with engine-mounted, belt-driven compressor / condenser systems that can interfere with engine maintenance access.

Product Application

- Mobile diesel-powered haul trucks, dozers, graders, loaders and similar equipment



continued

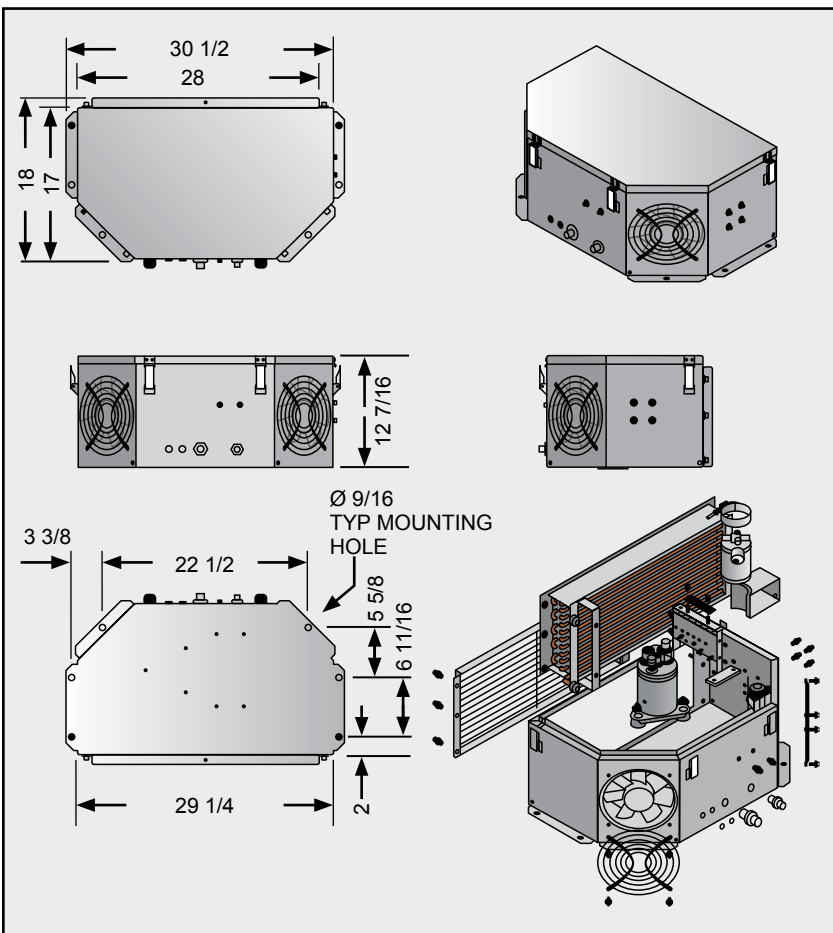
Description

The RCC is designed as a replacement for mobile, diesel-powered equipment that utilizes engine-mounted, belt-driven compressor / condenser systems.

It is a modular unit, driven by a 24 volts DC compressor / condenser that can be mounted close to the operator cab and integrated with the OEM AC system after the engine-mounted, belt-drive compressor unit and longer refrigerant lines are removed.

The RCC features two quick-disconnect ports for the shorter, relocated refrigerant lines, and two plugs for the control and the power. If the RCC needs to be replaced, the change-out process can be carried out in about 30 minutes with the proper tools and equipment.

Model MAS RCC Dimensions



Technical Characteristics

Feature	Specification
Description	Remote mounted Air Conditioning Condenser c/w Compressor
Electrical	24 Volt DC, Max current draw of 50A, typical operation current of 30A
Compressor	24 Volt DC Hermetically Sealed Rotary Compressor
Physical Size	30-1/2" Wide x 18" Long by 12-7/16" High
Modularity	Unit Swap 30 min
Capacity	10,000 BTU/Hr
Refrigerant	R134A
Construction	Case; 16 gauge 304 Brushed Stainless Steel Coils; Copper tube, 10 fins per inch
Weight	108lbs Installed



P&H MinePro Services
 1-888-MINEPRO
 Outside the U.S. and Canada
 Phone: (414) 671-4400 / Fax: (414) 670-7306
www.minepro.com www.phmining.com

NOTE: All designs, specifications and components of equipment described above are subject to change at manufacturer's sole discretion at any time without advance notice. Data published herein is informational in nature and shall not be construed to warranty the suitability of product for any particular purpose as performance may vary with conditions encountered. The only warranty applicable is our standard written warranty for this product.

P&H, P&H MinePro Services and Mine Air Systems are trademarks of Joy Global Inc. or one of its affiliates.
 © 2010 P&H Mining Equipment Inc. All rights reserved.