POLAR VORTEX

by DieselMisers

SEVERE-DUTY AIR CONDITIONER

OUR MISSION:

Reliably cool the operator's cab of industrial equipment, even in the most harsh and demanding environments

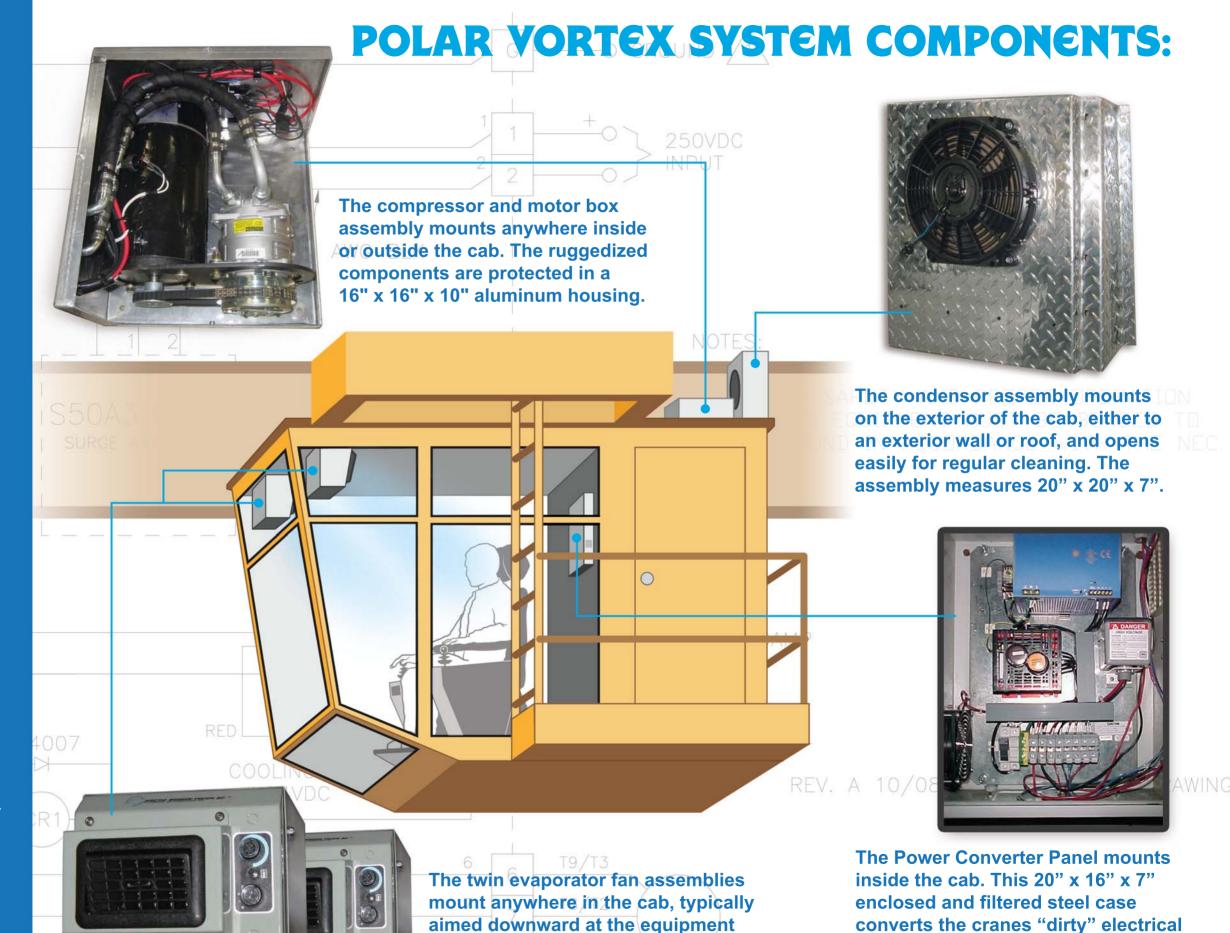
CHALLENGES:

- high vibration
- high ambient temperature
- un-insulated space
- continuous use
- open window operation
- dusty environment
- atypical power source
- \$ cost constraints

THE SOLUTION:



The Polar Vortex is a rugged, highly specialized operator's cab air conditioning system that's built to withstand the demands of round-the-clock use in harsh industrial settings, such as steel mills. The Polar Vortex makes use of components adapted from the heavy-duty trucking industry - every part of the air conditioner has been proven to hold up for millions of miles of on-road use. Polar Vortex was originally developed and proven through 4 years of testing on overhead cranes in some of America's largest steel mills.



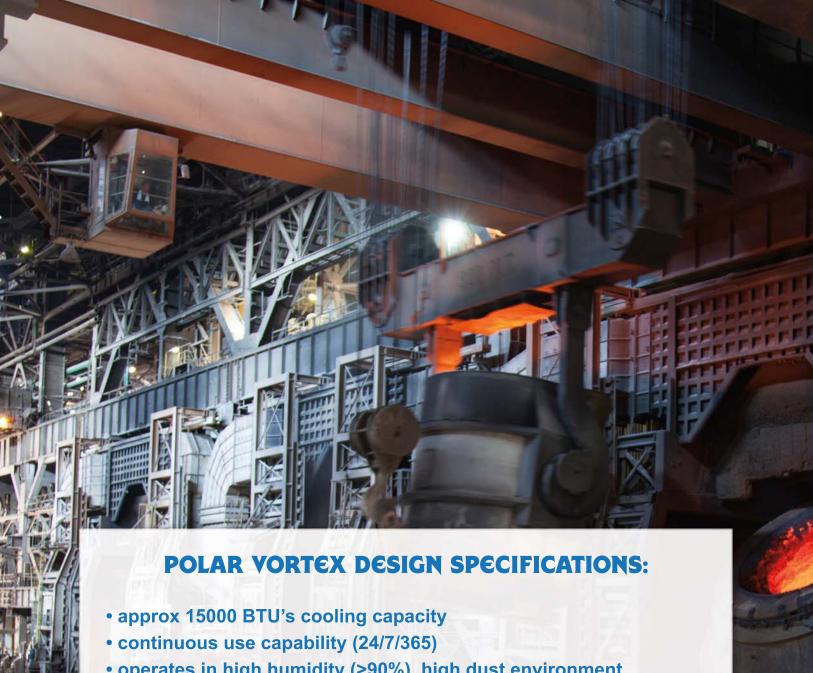
operator. Each unit measures

approximately 9" x 8" x 8".

source (either AC or 250VDC) to

by air conditioning components.

"clean" 24VDC and 240VAC for use



- operates in high humidity (>90%), high dust environment
- ambient temperatures up to 130° F
- no components heavier than 75 lbs.
- operates using atypical power sources, incl. 250VDC
- able to withstand electrical "ripples" and surges (up to 1000 volts)
- unaffected by high vibration/rapid starts and stops



For more information, contact DieselMisers, Inc. (877) 396-4737 • www.dieselmisers.com • sales@dieselmisers.com