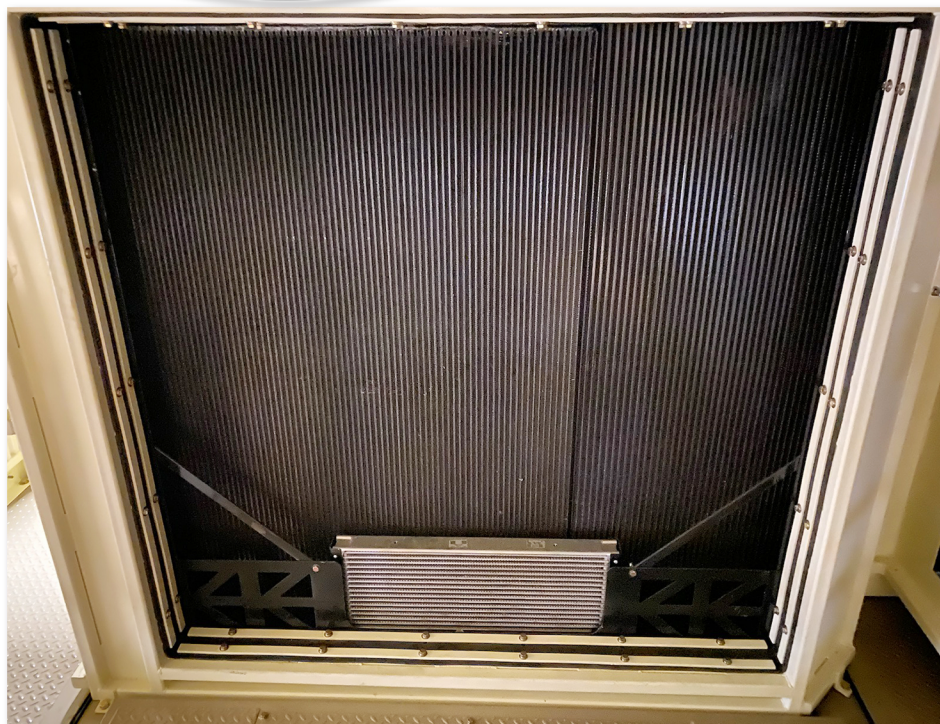




# BENEFITS OF A BAR AND PLATE STYLE COOLER

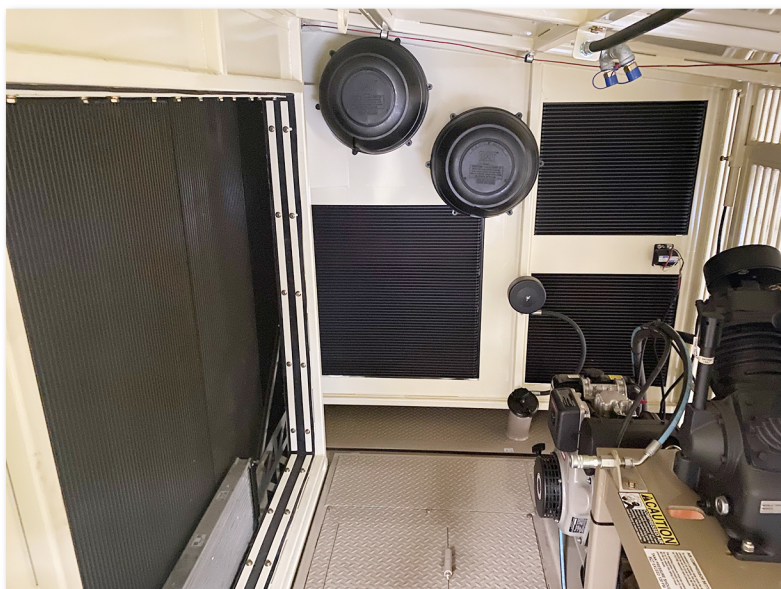
1. "Provides more cooling per cubic inch than tube-and-fin units."<sup>1</sup>
2. Constructed with fewer joints, gaskets, and seals.
3. More rigid and robust, and less prone to damage.
4. Able to handle higher pressures.
5. No grommet destruction with exposure to diesel fuel or age.
6. Proven design with CW using bar and plate cores in oil cooler applications for approximately 20 years.
7. Sized and warranted by Caterpillar when purchased from Caterpillar. (Note: The exact Caterpillar part number engine radiator that CW Mill uses is documented in Caterpillar's system as being primarily used in LOCOMOTIVES.)
8. May be paired with a Caterpillar's Fan Drive System with Caterpillar's 5 Year/6,000 Hour Platinum Plus Zero Deductible Extended Service coverage on the entire cooling package along with the engine.



The Caterpillar bar and plate cooler has slightly more square inches of jacket water core face area than the Copper Core equivalent.

With having 3% more sq. inches of core face area and being only ¼" thicker, the Caterpillar cooler physically has 7.5% more cubic inches of jacket water core area than the comparable Copper Core brand grommated radiator. Both cores have 10 fins per inch and both fin arrangements have a wave designed into them.

The Copper Core charge air cooler core has more area than the CAT bar & plate cooler, but no area of the Caterpillar charge air cooler is mandated to be blocked off. Copper Core reports that users should expect that some area of their charge air cooler will be mandated to be blocked off after a Caterpillar audit process as oversized charge air coolers may cause condensation and are not allowed.



*Caterpillar will not take any accountability for the Copper Core system even after they conduct the audit process.*



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LET'S CONNECT.



<sup>1</sup> Keeping Cool Is a Hot Topic on [www.hydraulicspneumatics.com](http://www.hydraulicspneumatics.com) 8-29-22