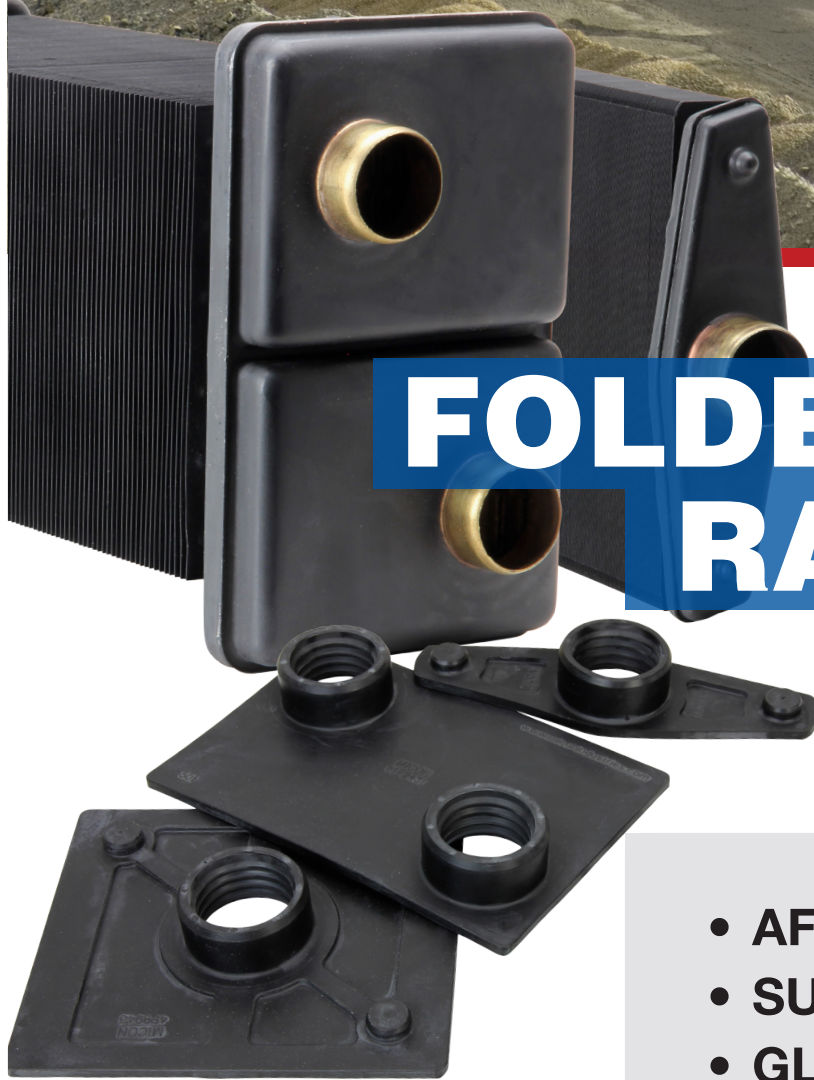
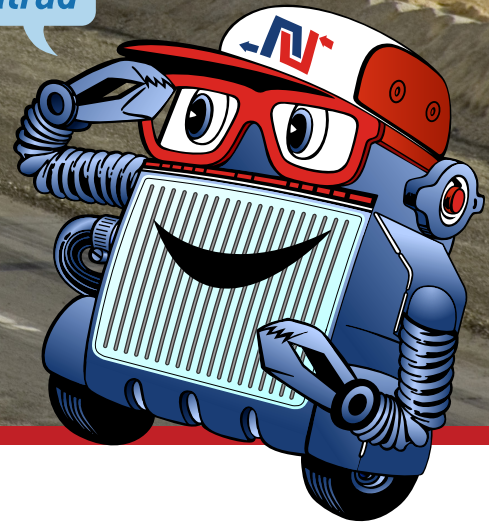




Nip into Natrad



FOLDED & AMOC RADIATORS & SEALS

- AFTERMARKET COMPONENTS
- SUITS CATERPILLAR
- GLOBAL LEADING DESIGN



1800 HDS RAD 437 723
natradhds.com.au

For heavy industrial equipment like mining trucks, it's critical to minimise downtime.

These cores and seals are designed and engineered to deliver maximum service life in the most demanding of applications. If you're looking for superior performance, then you'll find it with Micon and Procore.

These two companies work closely with each other to produce complementary products that work together to provide the highest quality cooling system overhaul.

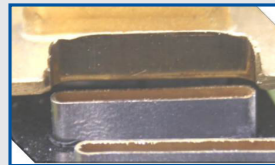
These are not simply aftermarket replacement parts - they are enhanced products that surpass original equipment performance.

FOLDED CORE RADIATORS

Procure Radiator cores are manufactured using highest-quality, heavy gauge materials and are engineered to tight tolerance specifications to deliver superior strength, durability and long service life.

- Designed to excel in harsh environments.
- Easy to service and rebuild
- Deep-drawn tube-to-header contact. 150% more contact area than OE
- Strong heavy tank walls

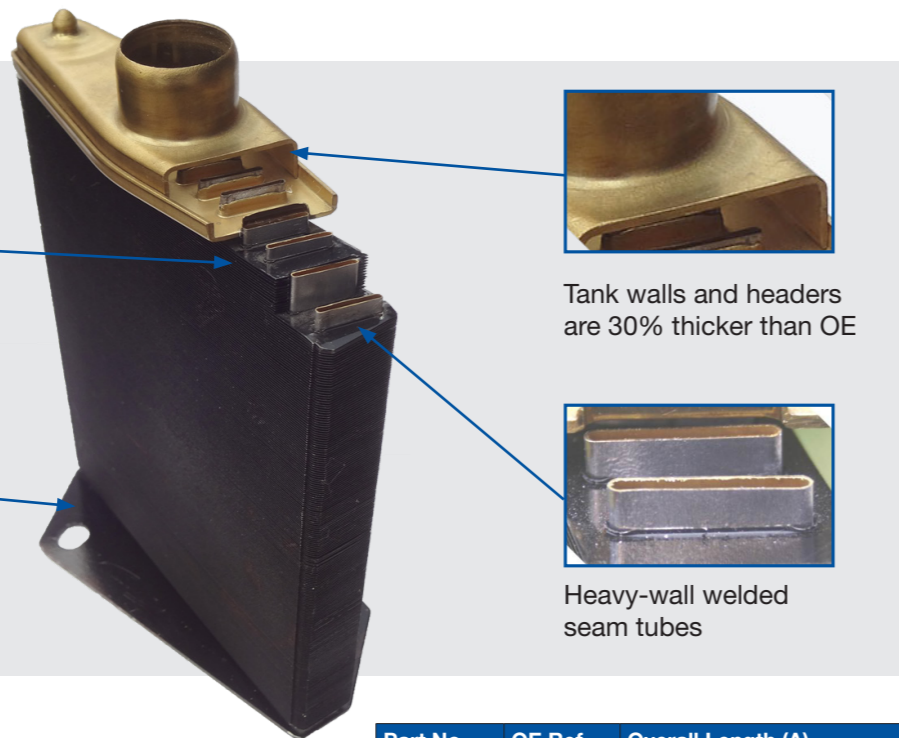
FEATURES



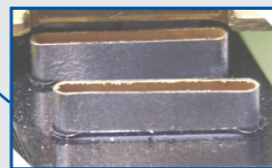
Deep-drawn slots increase tube-to-header contact



Centre mounts are over 20% thicker than OE



Tank walls and headers are 30% thicker than OE

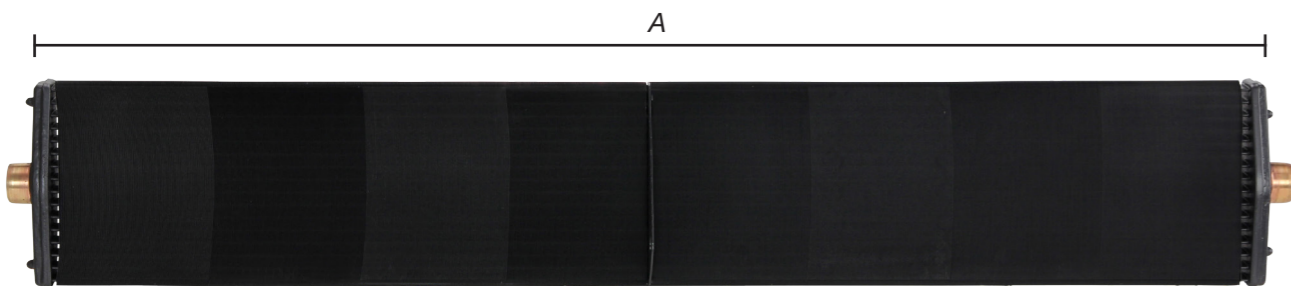


Heavy-wall welded seam tubes

Part No.	OE Ref	Overall Length (A)
CFC2008	2W5536	821mm
CFC2000	2W5539	1000mm
CFC2001	2W5540	1076mm
CFC2003	9Y3318	1116mm
CFC2007	9Y3317	1194mm
CFC2005	2W6632	1373mm
CFC2006	7W9541	1553 mm (3 centre mounts)
CFC2004	7W2173	1656mm
CFC2002	2W0181	1846mm (3 centre mounts)



Procure are the first choice for many industry professionals with products specifically focused on the mining and road construction industries.



AMOC RADIATORS

- Designed to tight tolerance specifications
- Easy to service and rebuild
- Deep drawn tube-to-header design
- Header reinforcement plates
- Cores without centermounts can be reversed
- Heavy wall welded seam tubes
- No internal baffle seal

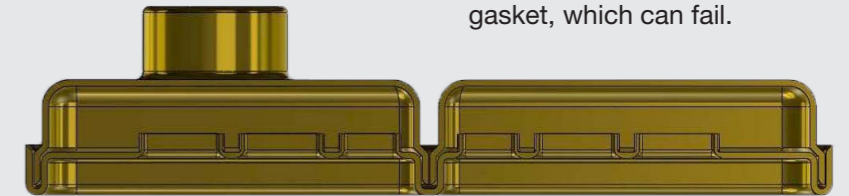
FEATURES

The baffle plays an integral role in a two pass system. The OE rubber gasket (pictured below) is prone to degrading over time leading to rising operating temperatures & ultimately begins to overheat equipment.



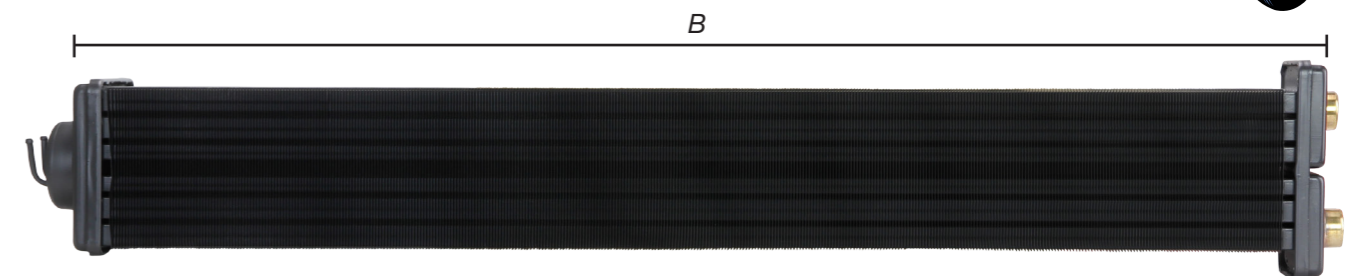
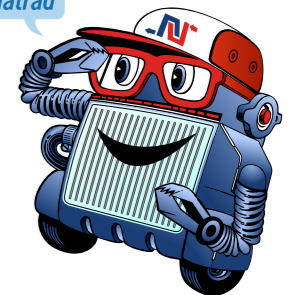
Procure's split-tank design is a major improvement over OE.

This improved development guarantees ZERO coolant bypass for the lifetime of the radiator by eliminating the OE gasket, which can fail.



Part No.	OE Ref	Overall Length (B)	FPI	Fins	Centre mount
CMC3000	113-9539	867mm	9.5	Steel	No
CMC3001	109-3622	1077mm	9.5	Steel	No
CMC3002	119-4774	1452 mm	9.5	Steel	No
CMC3003	131-1106 & 213-8188	1655 mm	9.5	Steel	Yes
CMC3004	219-1073	1655 mm	6.5	Copper	Yes
CMC3005	114-4416	1846 mm	9.5	Steel	No

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SEALS & GROMMETS



Micon grommets and seals utilise custom formulated rubber compounds creates specifically for their applications.

Micon Grommets & Seals:

- Maintain flexibility and original shape
- Are developed & formulated specifically for operation in all environments
- Undergo extensive field testing
- Have a high temperature range
- Completely resistant to hydraulic/motor oil & diesel fuel
- Incredible memory set resistance properties.

MICON HT SERIES SEALS

Micon HT Series Seals resist all of the common points of failure in other seals and are regarded by many as the best in the industry.

Surprisingly a high percentage of CAT™ radiator failures are not due to a failure in the radiator itself, but rather a failure of the rubber seals. A few of the most common causes of failure are listed below:



Heat Exhaustion

- Occurs when exceeding temperature specifications
- Temporary temperature spikes are ok, however these are the effects of exceeding specifications



Oil / Diesel Contamination

- This is a common problem in cooling systems
- Oil cooler rupture/cylinder liner cracks lead to contamination
- Effects of contamination include swelling



MICON Seals:

- Maintain Flexibility
- High Temperature Range
- Diesel & Oil Resistant



Part No.	Core Seal Application
HT2725437	Caterpillar NGMR
HT2725438	Caterpillar NGMR
HT4P9942	Caterpillar Modular
HT4P9943	Caterpillar Modular
HT612431	Caterpillar AMOC
HT9Y1654	Caterpillar Folded
HT9Y1655	Caterpillar Folded

MICON GROMMETS

Micon grommets are used worldwide wherever Mesabi™ type radiators are employed.

These grommets help reduce rebuild times.

The Micon grommets are produced with a highly modified nitrile rubber and are:

- Oil resistant
- Designed for easy installation
- Built in lubrication system

Suitable for coolant (glycol/ water) applications only



Pt No.	Grommet Application
2663	Mesabi - Top - Water
2665	Mesabi - Bottom - Water



With over 30 years experience in the heat transfer industry, Micon continue to develop high quality solutions to everyday problems with industrial cooling systems.

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