



Thermal Solutions Manufacturing Aluminum Heavy Duty Products

DALLAS, TX. Plant Capabilities 2017

3051 W. Commerce Dallas, TX. 75212 Phone: 1-800-776-9605 Fax: 214-638-1445

Thermal Solutions Manufacturing's Dallas facility now provides custom Aluminum Manufacturing of Radiator cores, Charge Air Coolers, Oil Coolers and custom Aluminum completes.

Featuring the Thermal Square bump fin tm



Aluminum Radiators

- .310" Tall Non Louvered Fins
- Core Thicknesses – 2 ¼", 2 5/8", 3", 3 1/2", 4", 4 ½", 5 ½" & 6 1/4"
- Fins Per Inch – 6, 7 1/2, 9, 10 & 11
- Headers – .125" Thick Flange



- Tubes Air, Water or Low Pressure Oil



- T-Bar



- Tubes – Air, Water, Steam or High Pressure Oil up to estimated @ a Continuous 400 lbs PSI



Aluminum CAC's and Oil Coolers

- Maximum Single Core Size Flanged * – 53" x 48"
- Maximum Single Core Size TBar * – 52" x 48"
- * Larger units can be made by welding multiple cores together with customers approval.
- Core Thicknesses – 2 ¼", 2 5/8", 3", 3 1/2", 4", 4 ½", 5 ½" & 6 1/4"
- Fins per Inch – 6, 7 1/2, 9, 10 & 11
- Header Gauges – .125" Flange

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Aluminum Charge Air Cooler		
CORE DEPTH	1 PC MAX CORE SIZE	HEADER 1/8" FLANGE & TBAR TYPES
2 1/4"		1/8" FLANGED HEADERS MUST BE 1/2" WIDER (inside dimensions)
2 5/8"		
3		
3 1/2"		
4"		
4 1/2"		
5 1/2"		5 1/2 only available with flange header
6 1/4"		
CORES OVER 53" TALL and or 48" WIDE WILL BE TWO PIECE FPI 6, 7.5, 9, 10 & 11		

Aluminum Radiator		
CORE DEPTH	MAX CORE SIZE	HEADER 1/8" FLANGE & TBAR TYPES
2 1/4"		1/8" FLANGED HEADERS MUST BE 1/2" WIDER (inside dimensions)
2 5/8"		
3		
3 1/2"		
4"		
4 1/2"		
5 1/2"		5 1/2 only available with flange header
6 1/4"		
CORES OVER 53" TALL and or 48" WIDE WILL BE TWO PIECE FPI 6, 7.5, 9, 10 & 11		

Aluminum Oil Cooler, High & Low Pressure		
CORE DEPTH	MAX CORE SIZE	HEADER 1/8" FLANGE & TBAR TYPES
2 1/4"		1/8" FLANGED HEADERS MUST BE 1/2" WIDER (inside dimensions)
2 5/8"		
3		
3 1/2"		
4"		
4 1/2"		
5 1/2"		High Pressure tubes rated @ a Continuous 400 lbs psi
6 1/4"		5 1/2 only available with flange header
CORES OVER 53" TALL and or 48" WIDE WILL BE TWO PIECE FPI 6, 7.5, 9, 10 & 11		

