



# HIGH PERFORMANCE PRODUCTS

---

Race • Muscle • Hotrod • Sport Compact  
Diesel Performance • Custom Cooling Kits

**MUSCLE CAR**

# NOT ALL RADIATORS ARE CREATED EQUAL

A **billet aluminum filler neck** is manufactured to SAE specification for performance and safety. Includes correct overflow tube on all muscle car applications. Interior weld for professionally finished look

Northern Radiator uses a proven **OEM inspired inlet** along with a side channel system that allows **flex under pressure**

Most Northern Radiators are built with a **one-piece precision stamped tank** for appearance, fit, function and cooling

**High-capacity, efficient 7-plate aluminum oil coolers** dissipate more heat. Super flow styles available

Northern Radiator uses a proven **OEM inspired outlet** along with a side channel system that allows **flex under pressure**

2 rows of true 1" tubes

**➤ When determining which brand of aluminum radiator to buy, go with the company you can rely on, Northern Radiator!**

# MUSCLE CAR RADIATORS TOP SELLERS/MOST POPULAR



DODGE

Part#	Overall	Applications
205191	23 5/8" x 25 3/8" x 3 1/8"	'63-'64 330, 440, '70-'74 Challenger, '66-'78 Charger, '65-'76 Coronet, '78-'79 Magnum, '62-'64 Polara, '77-'78 Royal Monaco, '68-'75 Super Bee
205198	21 3/4" x 21 3/4" x 3 1/4"	'63-'76 Dart, '73-'76 Dart Sport, '70-'76 Demon, '61-'62 Lancer
<b>LIGHT TRUCK</b>		
205070	26 1/4" x 18 1/2" x 3 1/8"	'72-'93 D/W Series Pickup

FORD

Part#	Overall	Applications
205030	20 1/4" x 18 1/2" x 3 1/8"	'62-'68 Fairlane, '60-'67 Falcon, '64-'66 Mustang
205059	20 1/4" x 18 1/2" x 3 1/8"	'62-'69 Fairlane, '60-'67 Falcon, '64-'66 LTD, '64-'66 Mustang
205064	20 1/4" x 18 1/2" x 3 1/8"	'60-'70 Falcon, '74-'77 Maverick, '64-'66 Mustang
205132	19 7/8" x 25 1/2" x 3 1/8"	'68-'69 Fairlane, '67-'70 Mustang
<b>LIGHT TRUCK</b>		
205123	31 7/16" x 18 1/2" x 3 1/8"	'85-'96 Bronco, '85-'97 F-Series w/V8 Conversion
205138	21 5/8" x 15 7/8" x 3 1/8"	'82-'94 Ranger

CHEVY/GMC

Part#	Overall	Applications
205026	33" x 18 3/8" x 3 1/8"	'71-'74 Bel-Air, '71-'72 Biscayne, '68-'76 El Camino/Cabellero, '68-'77 Chevelle/Malibu, '71-'79, '81-'90 Impala/Caprice, '75-'76 Laguna, '70-'77 Monte Carlo
205027	30 5/8" x 18 5/8" x 3 1/8"	'70-'81 Camaro/Z-28, '78-'83 Chevelle/Malibu, '75-'87 El Camino/Cabellero, '80-'90 Impala/Caprice, '78-'89 Monte Carlo, '75-'79 Nova
205070	26 1/4" x 18 1/2" x 3 1/8"	'59-'70 Bel-Air, '60-'70 Biscayne, '66-'67 El Camino, '66-'70 Impala/Caprice
205072	25 7/8" x 18 7/8" x 3 1/8"	'67-'69 Camaro
205122	22 7/8" x 20 1/8" x 3 1/8"	'55-'57 Bel-Air, Impala/Caprice w/Inline 6 & V8 Engine
<b>LIGHT TRUCK</b>		
205027	30 5/8" x 18 5/8" x 3 1/8"	'73-'82 Blazer/Jimmy, C/K Series Pickup, '72-'84 G Series Van, '82-'78 '73-'76 Suburban
205067	30 3/4" x 15 7/8" x 3 1/8"	'82-'94 S10, S/T Series, S10 Blazer, P.U., S15 Jimmy
205179	32 3/4" x 18 3/8" x 3 1/8"	'66-'72 Blazer/Jimmy, '63-'72 C/K Series Pickup, '68-'72 Suburban

JEEP

Part#	Overall	Applications
205053	23 3/4" x 19 5/8" x 3 1/8"	'73-'86 CJ Series
205054	23 3/4" x 19 5/8" x 3 1/8"	'73-'86 CJ Series w/V8 Engine Conversion
205088	21" x 21" x 3 1/8"	'87-'06 Wrangler
205219	25 1/4" x 21 1/8" x 2"	'07-'18 Wrangler

- 75+ models covering hundreds of truck and passenger car applications
- From '32 Ford to late models

Don't forget your fan shroud page 16

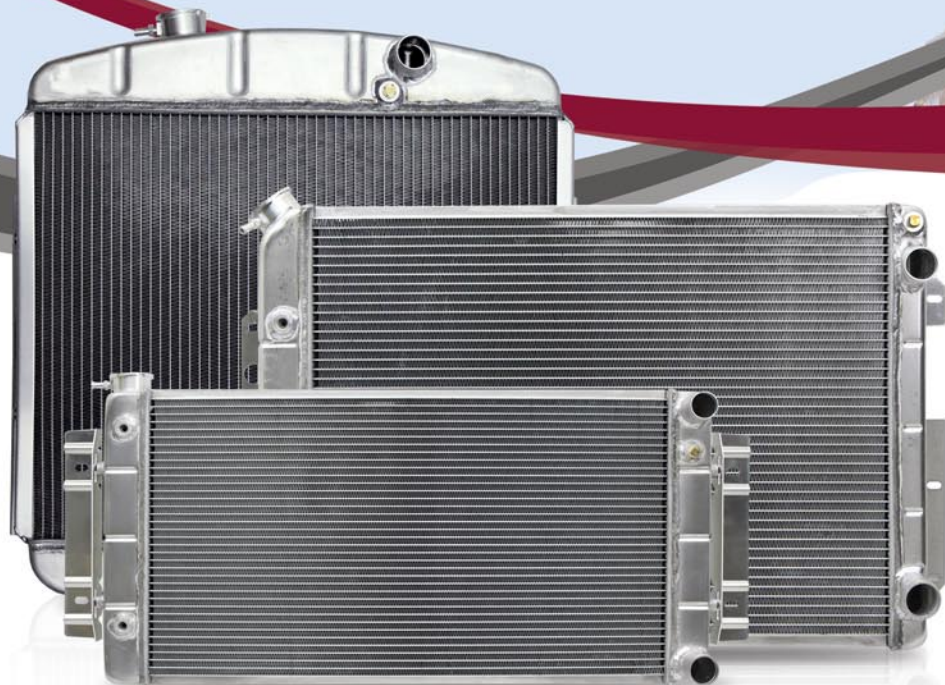


# MUSCLE CAR CONVERSION ➤ RADIATORS

## SWAPPING ENGINES?

Your customer's gonna need a better radiator too!  
See all of our conversion radiators online!

 [NorthernFactory.com](http://NorthernFactory.com)



Northern Radiator recognizes the need for more power; which also means needing more cooling. That's why we offer a variety of options when converting to a different engine.

- LS
- V8
- Jeep
- Tri-Five Chevy

# HOTROD ➤ RADIATORS

Never Say **"NO" AGAIN!** We have it.



Adjustable  
Mounting

**Universal by design and sold by dimension.** Choose the biggest radiator that will fit your application by its dimensions. All hotrod radiators are 3 1/8" thick overall with 1 1/2" inlets and 1 3/4" outlets in three different configurations. They come with universal side mounting brackets attached.

Hotrod radiators provide the same superior cooling efficiency as all our radiators and allow you to choose an exact fit and hose configuration you need for your project.

# INTERCHANGEABLE INLET ➤ RADIATORS

12 SKUs cover a multitude of applications including **NEW double pass options**. Enjoy having a very large coverage for both dirt and asphalt racing applications with minimal inventory requirements.

## FEATURES

- Interchangeable inlet fitting
- 4 double & 4 single pass
- 3 different inlet hose fittings  
1 1/2" hose, AN #16, AN #20
- 2 rows 1" tubes
- All-aluminum

Free up valuable shelf space by stocking our **Interchangeable Inlet Radiators!**



Part#	Applications	Core Dimensions	Overall Dimensions
204118	GM Double Pass w/Threaded Inlet	19 3/8" x 18 1/8" x 2 1/4"	24" x 19" x 3 1/8"
204121	GM w/Threaded Inlet	19 3/8" x 18 1/8" x 2 1/4"	24" x 19" x 3 1/8"
204119	GM Double Pass w/Threaded Inlet	20 3/4" x 18 1/8" x 2 1/4"	26" x 19" x 3 1/8"
204122	GM w/Threaded Inlet	20 3/4" x 18 1/8" x 2 1/4"	26" x 19" x 3 1/8"
204120	GM Double Pass w/Threaded Inlet	22 1/2" x 18 1/8" x 2 1/4"	28" x 19" x 3 1/8"
204123	GM w/Threaded Inlet	22 1/2" x 18 1/8" x 2 1/4"	28" x 19" x 3 1/8"
204124	GM Double Pass w/Threaded Inlet	26 1/4" x 18 1/8" x 2 1/4"	31" x 19" x 3 1/8"
204125	GM w/Threaded Inlet	26 1/4" x 18 1/8" x 2 1/4"	31" x 19" x 3 1/8"

# INTERCHANGEABLE INLET AND OUTLET RADIATORS



**NEW**



## NEW FOR 2021...

Expanding our line of interchangeable connection radiators, Northern Radiator now offers a double pass option with **BOTH** inlet and outlet as interchangeable. These radiators also include 1/8" NPT steam port and 7 plate aluminum cooler making them a great option for LS applications!

Part#	Applications	Core Dimensions	Overall Dimensions
204127	LS Double Pass Configuration w/Threaded Connections	19 1/8" x 18 1/8" x 2 1/4"	23 1/2" x 19 1/2" x 3 1/8"
204128	LS Double Pass Configuration w/Threaded Connections	20 3/4" x 18 1/8" x 2 1/4"	25 1/4" x 19 1/2" x 3 1/8"
204129	LS Double Pass Configuration w/Threaded Connections	22 1/2" x 18 1/8" x 2 1/4"	27" x 19 1/2" x 2 1/4"
204130	LS Double Pass Configuration w/Threaded Connections	26 1/4" x 18 1/8" x 2 1/4"	30 3/4" x 19 1/2" x 3 1/8"

## Choose your inlet and/or outlet:



- Z17546 Male Thread Hose Connection, 1 5/8" - 12UNJ to AN#16
- Z17547 Male Thread Hose Connection, 1 5/8" - 12UNJ to AN#20
- Z17548 Male Thread Hose Connection, 1 5/8" - 12UNJ to 1 1/2" Hose Bead
- Z17549 Male Thread Hose Connection, 1 5/8" - 12UNJ to 1 1/4" Hose Bead
- Z17553 Male Thread Hose Connection, 1 5/8" - 12UNJ to 1 3/4" Hose Bead
- Z17554 Male Thread Hose Connection, 1 5/8" - 12UNJ to 1 5/8" Weldable Bung





No matter what your racing needs are, Northern Radiator has you covered in high performance aluminum radiators.

# RACEPRO RADIATORS



## 19" Single Pass

- Up to 24% improvement in heat transfer over other brand's of racing radiators
- Louvered cooling fins exclusively designed for high performance heat dissipation
- 2 rows of 1" high capacity cooling tubes
- Machined billet aluminum, SAE compliant filler neck
- Inlet is 1 1/2" and the outlet is 1 3/4"

Part#	Model	Fit Area
209674	Chevy/GM	22" x 19"
209675	Chevy/GM	26" x 19"
209676	Chevy/GM	28" x 19"
209677	Chevy/GM	31" x 19"



## 19" Double Pass

- 2 rows of 1" high capacity cooling tubes
- Machined billet aluminum, SAE compliant filler neck
- Inlet is AN-16 and the outlet is 1 3/4"

Part#	Model	Fit Area
209635	GM	26" x 19"
209624	GM	28" x 19"
209626	GM	31" x 19"
209627	Ford/Mopar	31" x 19"



## 19" Triple Pass

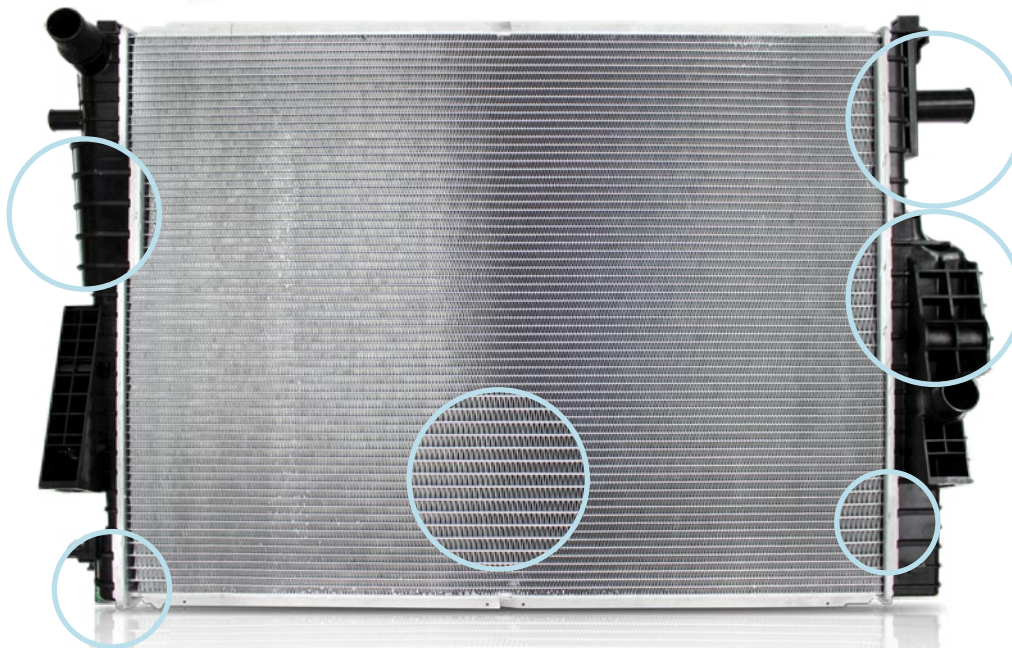
Triple-pass radiators pass coolant through the radiator 3 times before exiting and require a high performance water pump for maximum effect.

- 2 rows of 1" high capacity cooling tubes
- Inlet is 1 1/2" and the outlet is 1 3/4"

Part#	Model	Fit Area
209695	Ford/Mopar	26" x 19"
209690	Chevy/GM	26" x 19"
209692	Chevy/GM	31" x 19"
209697	Ford/Mopar	31" x 19"

# DIESEL PICKUP ➤ RADIATORS

If you're **"ramping up the horsepower"** or towing a trailer with your diesel pickup you'll need better cooling to help dissipate the additional heat.



- Added ribs in weak spots on the tank, with **fiber reinforcement**
- Internally **reinforced end tubes** with bridge clips
- The radiator core is the best in the business with **more fins per inch** and strong **heavy duty tubes**
- Extra strong **integrated mounting points**
- Tank to header attachment is **strengthened by a heavy gauge steel crimp strip** vs. aluminum on OEM

# DIESEL PICKUP ➤ BRUSHED FANS

Too much horsepower and not enough air?

Advertised CFM is relevant **ONLY** if there is **NO** resistance to the air flow. This is not the case with engine cooling.

In diesel applications you have a radiator, condenser, and charge air cooler to draw the air through. This means a lot of resistance to air flow. We've built our performance diesel line around quality and performance. We have selected SPAL fan products, which are specifically **designed to move enough air through these high-density applications**. With the quality of SPAL, you're sure to get the cooling your hardworking system demands.



Easy to Wire



Can run with a  
Simple Switch



Gain Horsepower  
Fuel Economy

# DIESEL PICKUP ➤ BRUSHLESS FANS



Have you ever said, “man, there’s just too much room under the hood”?

Didn’t think so.

With a brushless fan motor you have the peace of mind knowing you have more than **enough power to cool your engine** when needed, but you’ll **only use the energy required at that time**. The brushless fan motor only draws the electricity that is needed and will ramp up from zero AMPs to needed draw, thus eliminating damaging AMP spikes at startup. Additionally, there are no brushes to wear down. This extends the life of your fan.



Have you seen the power of these things?  
Check out the video from our friends @ the Diesel Motorsports Association.  
Visit - [bit.ly/brushlesspower](http://bit.ly/brushlesspower)



Long Lifespan



Easy on Electrical System



High Efficiency



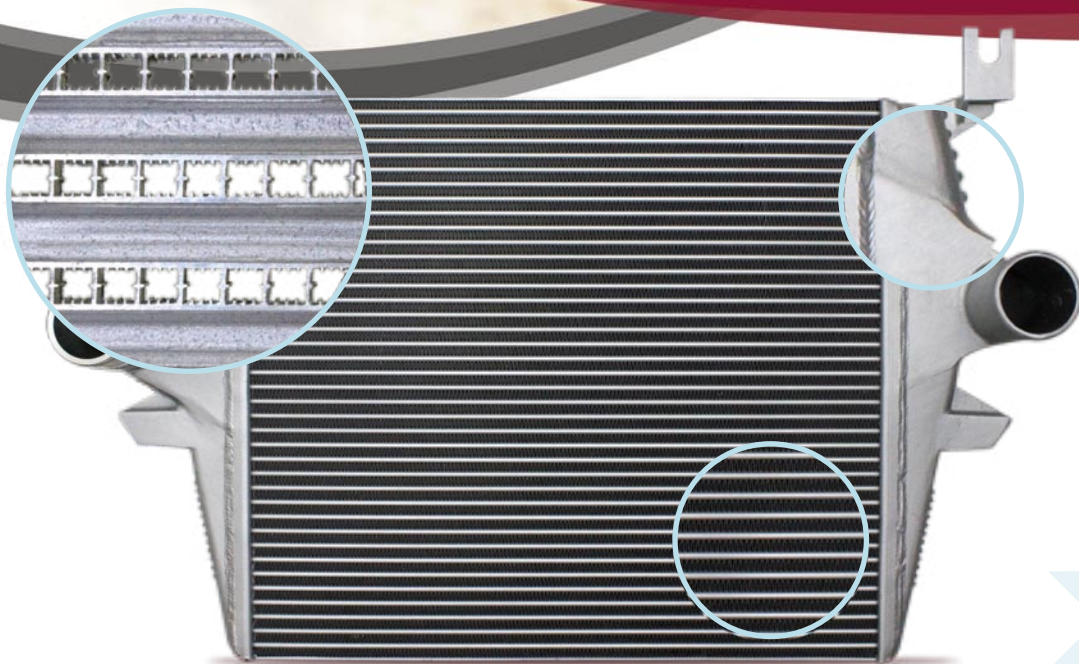
Low Maintenance

# DIESEL PICKUP

## ➤ CHARGE AIR COOLERS

Performance when you need it!

Performance charge air coolers (or intercoolers) compliment and work in conjunction with our diesel pickup radiators. Our diesel charge air coolers are **engineered and designed to handle up to 100 PSI and 500° F inlet temperature.**



- ⋮ **Extruded micro-fin tubes** help dissipate heat
- ⋮ Constructed with **heavy duty cast tanks**
- ⋮ Our tube technology adds needed additional strength throughout the core to **handle higher boost pressure**

➤ Ideal when racing, towing, competing on the dyno, sled pulling and looking good under the hood.

# DIESEL PICKUP ACCESSORIES

**DON'T  
FORGET**



## Silicone Boots

5mm wall thickness has 4 layers of aramid fibers, the inside is fluorosilicone lined for oil resistance. Rated to 500° F and 100 PSI.

Purchase separately as replacements for our non-OEM charge air cooler connections or they can be used on hot or cold sides in custom builds.

- Z71090** 3 1/8" to 3 1/4" with 58° Bend
- Z71091** 3" to 3 1/2" x 5 1/8" Straight
- Z71092** 2 3/4" to 3 1/4" x 5" Straight
- Z71093** 3" to 3 1/2" x 4" Straight
- Z71094** 3" to 3 1/2" x 4" Straight
- Z71095** 3" to 3 1/4" x 5 1/2" Straight
- Z71096** 3" to 3" x 3 1/4" Straight



## Silicone Clamps

Constant tension t-bolt clamps with stainless steel band, plated steel bolt and spring.

- Z72010** 2 3/4" Hose I.D.    **Z72012** 3 1/4" Hose I.D.
- Z72011** 3" Hose I.D.        **Z72014** 4" Hose I.D.
- Z72013** 3 1/2" Hose I.D.    **Z72015** 4 1/2" Hose I.D.



## Transmission Oil Coolers

- Application specific
- Includes all mounting brackets and hardware
- Fittings included for use of OEM oil lines
- Heavy duty construction
- Improved core for better cooling than OEM

- Z18060** Chevy / GMC '01-'05 Duramax HD
- Z18061** Chevy / GMC '06-'10 Duramax HD

**NEW**

- Z18062** Chevy / GMC '06-'10 Extreme Duramax HD

# SPRINTCAR RADIATORS

An all-aluminum, application specific, performance radiator for the sprint car market.

## FEATURES

- Fabricated all-aluminum
- Application specific
- Polished surface finish
- Machined billet aluminum filler neck
- High efficiency tubes



Part#	Applications	Core Dimensions	Overall Dimensions
204113	305, 360, 410 Class Engines, 2 Rows of $\frac{5}{8}$ " Tubes	16 $\frac{3}{4}$ " x 19" x 1 $\frac{1}{2}$ "	19 $\frac{7}{8}$ " x 19 $\frac{3}{4}$ " x 1 $\frac{7}{8}$ "
204114	305, 360, 410 Class Engines, 2 Rows of 1" Tubes	16 $\frac{3}{4}$ " x 19" x 2 $\frac{1}{4}$ "	19 $\frac{7}{8}$ " x 19 $\frac{3}{4}$ " x 2 $\frac{3}{4}$ "
209660	305, 360, 410 Class Engines, 1 Row 1 $\frac{5}{8}$ " High Efficiency Tubes	17 $\frac{7}{16}$ " x 16 $\frac{1}{16}$ " x 1 $\frac{5}{8}$ "	20 $\frac{1}{2}$ " x 16 $\frac{1}{4}$ " x 2 $\frac{1}{4}$ "
209649	305, 360, 410 Class Engines, 1 Row 1 $\frac{5}{8}$ " High Efficiency Tubes	18 $\frac{1}{8}$ " x 19" x 1 $\frac{5}{8}$ "	21 $\frac{3}{8}$ " x 19 $\frac{3}{4}$ " x 2 $\frac{1}{4}$ "

# SPORT COMPACT ➤ RADIATORS

Compact cars, big cooling! An all-aluminum, application specific, performance radiator for the sport compact market.

## FEATURES

- 22 SKUs
- Fabricated all-aluminum
- Application specific
- Polished surface finish
- Enhanced performance
- TIG welded fabrication
- Enhanced look under the hood
- OEM mounting points for easier installation
- Modified core for better cooling efficiency vs. OEM



## Covering more than 160 Sport Compact Applications

- Acura
- Mazda
- Subaru
- BMW
- Mitsubishi
- Toyota
- Honda
- Nissan



OEM  
Mounting

# CUSTOMKIT ➤ RADIATORS

Keep these in stock and get your customer on the road **tomorrow!**

## FEATURES

- Use as cross-flow or down-flow
- Radiators with cooler have an 8-plate, **10" aluminum hi-flow oil cooler** with  $\frac{3}{4}$ " NPT fittings on 8  $\frac{1}{2}$ " centers
- **2 rows of 1" tubes** for high performance cooling
- Machined **billet aluminum** SAE compliant filler neck
- These radiators have a  $\frac{1}{4}$ " **plugged NPT port**

**ONE RADIATOR 100s  
OF APPLICATIONS**



**NOTE:** These kits require aluminum welding and fabrication. Other fittings sold separately.

Each custom radiator kit Includes:

(1) Blank Radiator, (1)  $1\frac{1}{2}$ " Connection, (1)  $1\frac{3}{4}$ " Connection, (1) Billet Aluminum Filler Neck, (1) Overflow Tube, (1) Weld-on Bung, (1) Draincock

# FAN SHROUDS

## ENGINE DRIVEN AND ELECTRIC FAN SHROUDS



### DO YOU NEED ONE? **Yes!**

Whenever possible. Radiators require air movement to cool an engine. At idle or cruising speed you need the whole radiator working for you. When mounting an electric fan directly to the radiator core you reduce the effective cooling area to the diameter of the fan. A large percentage of the core is not receiving any benefits of the fan and is not doing any cooling. When you use a shroud, you use the entire core for cooling.

## STANDARD & HIGH CFM FANS

### WHY USE?

An electric fan and shroud will out-perform an engine driven fan at idle or stop and go in-town driving. This is when you need the fan to perform the most. **Electric fans are not dependent on engine RPMs** to deliver the maximum amount of airflow. Switching from engine to electric fans **gains horsepower and fuel economy.**

*The difference is in the fan blade design and the motor size or AMP draw.*



- For cross-flow or down-flow radiator mounting
- 3" trimable collar
- Adjustable collar, adjusts for 15"-20" fan diameters

- 
- **Standard Performance Fans** recommended for under 390 HP
  - **High CFM Fans** Recommended for over 390 HP



# HIGH PERFORMANCE ➤ BRUSHLESS FANS

## LIMITED SPACE WITH MORE COOLING!

Most builds today involve big engines which take up a lot of space and require a lot of air to keep cool. The traditional brushed high CFM fans are too big. Most high CFM fans with shrouds will run between 4 ½" to 5" thick or thicker. Our brushless fan and shroud will require only 3 ½" of clearance and **moves a tremendous amount of air.**

**NEW**



➤ 23 new brushless fan shroud options for 2021 that cover nearly every muscle car application from Northern Radiator

# HIGH PERFORMANCE BRUSHLESS FANS



## 12" Dual Fans

Part#	Overall Dimensions
Z40132	17 1/4" x 28" x 3 1/2"
<b>NEW</b> Z40141	17 3/8" x 27 1/4" x 4 1/8"
<b>NEW</b> Z40144	17 1/4" x 33 5/8" x 3 1/2"
<b>NEW</b> Z40145	16 3/4" x 24 3/4" x 3 1/2"
<b>NEW</b> Z40146	14 7/8" x 25 7/8" x 3 1/2"
<b>NEW</b> Z40147	14 5/8" x 22 3/4" x 3 1/2"
<b>NEW</b> Z40152	15" x 26" x 3 1/8"

## 14" Single Fans

Part#	Overall Dimensions
<b>NEW</b> Z40149	19 1/2" x 15 5/8" x 3 3/8"
<b>NEW</b> Z40150	14 7/8" x 22 1/8" x 3 3/8"
<b>NEW</b> Z40159	16 1/2" x 21 3/4" x 3 3/8"
<b>NEW</b> Z40161	15" x 20" x 3 3/8"
<b>NEW</b> Z40162	19 3/4" x 17" x 3 3/8"
<b>NEW</b> Z40163	22 7/8" x 16 1/2" x 3 3/8"
<b>NEW</b> Z40165	21 1/8" x 15" x 3 3/8"

## 16" Single Fans

Part#	Overall Dimensions
Z40133	18 1/8" x 26" x 3 1/2"
Z40134	24 1/4" x 17 5/8" x 3 1/2"
Z40135	18 1/8" x 22 3/8" x 3 1/2"
Z40136	17 3/8" x 25 3/4" x 3 1/2"
Z40137	17 3/8" x 20 1/2" x 3 1/2"
Z40138	17 5/8" x 21 3/4" x 3 1/2"

Part#	Overall Dimensions
Z40139	18" x 15 1/4" x 3 1/2"
Z40140	15 1/2" x 23 1/4" x 3 3/8"
<b>NEW</b> Z40142	17 5/8" x 23 5/8" x 3 1/2"
<b>NEW</b> Z40148	17 1/2" x 24" x 3 1/2"
<b>NEW</b> Z40151	18 1/8" x 20 3/4" x 3 1/2"
<b>NEW</b> Z40153	17 1/4" x 22 1/8" x 3 1/2"

Part#	Overall Dimensions
<b>NEW</b> Z40154	18 1/4" x 19" x 3 1/2"
<b>NEW</b> Z40156	21" x 16 7/8" x 3 1/2"
<b>NEW</b> Z40157	15 1/4" x 23 1/4" x 3 1/2"
<b>NEW</b> Z40158	19 7/8" x 21 3/4" x 3 1/2"
<b>NEW</b> Z40160	20 3/4" x 18 3/16" x 3 1/2"
<b>NEW</b> Z40164	18 1/8" x 22 1/8" x 3 1/2"

**THERE IS NOTHING TO WEAR OUT IN A BRUSHLESS FAN.**

Variable speed control. No damaging AMP spike with the brushless fan. Brushless fans only draw the power that is needed and will ramp up from zero to the required draw for cooling the current temperature of the engine. Long life span, high efficiency, less room required, no AMP spikes and more powerful motor, the brushless fan might be the answer to your cooling needs.



Long Lifespan



Needs Less Room



High Efficiency



Low Maintenance



# PULSEWIDTH MODULATOR

PWMs have been around for quite a while so why get so excited about the Z18350 from Northern Radiator? The answer is, when looking for a PWM you must research the features of the controller to be sure that it will not only function the way you want it to but be safe and reliable as well.

## FEATURES

- Made in U.S.A.
- 40A standard current capability
- Overload & Overheating protection
- Short circuit & rotor lock protection w/o damage to the controller
- Under/Over voltage shut down
- A/C override powers fan(s) at 50% speed when compressor clutch is activated
- Quiet operation
- 180 Degree temp. sensor
- Ability to turn the control off at key-off (optional)
- Hermetically sealed



NEW



**⚠ WARNING:** This product can expose you to chemicals including Ethylbenzene, Toluene, and Carbon Black, which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Our **NEW** PWM will bring your project car into the 21st century for the best in cooling efficiency.

# HIGH PERFORMANCE ACCESSORIES

KEEP  
THESE ON  
HAND



## Charge Air Cooler Test Kit RW0090-11

Plug the inlet and outlet, then pressurize the charge air cooler, close the valve and watch the gauge for leaks. For example, if Chevy/GMC pressure decay is less than 5 PSI in 15 seconds the CAC is ok. With this slim one-size-fits-all connections 2" - 6", it is not usually necessary to remove CAC from chassis.

### CHARGE AIR COOLER LEAK TESTING OEM RATE SPECIFICATIONS:

Caterpillar	5 PSI in 15 seconds @ 30 PSI	International	5 PSI in 15 seconds @ 30 PSI
Cummins (ISB, ISC, N14)	7 PSI in 15 seconds @ 30 PSI	Chevy/GMC	5 PSI in 15 seconds @ 30 PSI
Cummins (ISX, M11)	5 PSI in 15 seconds @ 30 PSI	Mack	5 PSI in 15 seconds @ 30 PSI
Detroit Diesel	5 PSI in 30 seconds @ 25 PSI	Mercedes	5 PSI in 15 seconds @ 25 PSI
Dodge	7 PSI in 15 seconds @ 30 PSI	Volvo	7 PSI in 15 seconds @ 30 PSI
Ford	1.5 PSI in 60 seconds @ 28 PSI		

Note: Charge air coolers are not designed to be 100% air tight or leak free.

## Exo-Coat Fuel Tank Sealer

Northern Exo-Coat is for external use on metal tanks. Can be used on fuel tanks, pontoon floats, floating docks and barges. Just brush it on and let it air dry. Light rust and pin holes are sealed. 1 pint covers 2 average fuel tanks. **RW0126**

**⚠ WARNING:** This product can expose you to chemicals including Ethylbenzene, Toluene, and Carbon Black, which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



## Fuel Tank Liner Kit

Northern Fuel Tank Liner is resistant to gasoline, diesel fuel, hydraulic fluids, alcohol blends, ethanol and other fuel additives. Its major use is to seal leaking fuel tanks. Complete Kit Includes Cleaner, Prep and Sealer!

Three easy steps, all in one box!  
**RW0125-9**



(Solvents such as methyl ethyl ketone, acetone, methyl chloride and propylene oxide will completely dissolve the polymer. Not recommended for use on water tanks.)



# HIGH PERFORMANCE ACCESSORIES

DON'T  
FORGET



## Transmission Oil Cooler Kit

The right cooling capacity for every truck! Adds huge cooling capacity and retains quick transmission warmup.

Kit Includes: Hardware and instructions for series mounting with your OEM radiator transmission cooler

**Z18028** 16" x 5 1/4" x 1 1/2" Kit

## High Efficiency Transmission Cooler Kit

High efficiency cooler for full size cars, SUVs, 1/2 ton pickups and high horsepower street rods.

Kit Includes: Cooler mounting hardware and transmission hose

**Z18027** 10" x 3 3/4" x 1 1/4" Kit



## Mounting Brackets

Kit includes 2 aluminum mounting brackets which may be welded to the radiator tanks to allow for flange mounting. Brackets have slotted mounting holes for easy mounting.

**Z12014** 2 Brackets



## Aluminum Mounts

Mounting kit made of aluminum. Kits include 2 upper and 2 lower mounts. Kit requires part number Z21230 mounting pads, sold separately.

**Z21260** Mount Kit



## Mounting Pads

Universal rubber mount pads for anywhere. It fits our Z21260/Z21265 aluminum mount kits, or Z21220 HD steel mount kit.

**Z21230** 2 Per Pack

# HIGH PERFORMANCE ACCESSORIES

KEEP  
THESE ON  
HAND



## Aluminum Connections

Radiator modification connections

**Z17617** 1 1/2" 90° Hose Connection

**Z17648** 1 3/4" 90° Hose Connection



## Connection Kit

Conversion connection kit unique to the GM LS1.

**Z17625** LS1 MOD Kit 1 1/2" & 1 3/8"



## Aluminum Filler Neck

Billet aluminum, SAE complaint, requires welding, high quality aluminum.

**Z17606** Filler Neck



## Machined Threaded Boss

1/4 - 20 Machined threaded boss

**Z17555** Boss, 4 Pk



## System Fill Kit

Cooling system hose fill kit is used in vehicles with radiators mounted lower than the engine. Features billet filler neck and beaded hose connection. Used in upper radiator hose.

**Z12006** 1 1/2" Filler Neck Tee

## Silicone Engine Coolant Plumbing Kit

Kit includes reinforced silicone connector hoses including straight, 90° and 45° hose angles, mandrel bent, corrosion resistant, beaded & aluminized steel tubes.

**Z71051** V8 Engine Plumbing Kit



## Weldable Pipe Thread Bungs

These fittings require aluminum welding (6061-T6 Aluminum)

**Z17550** 1/8", 1/4", 3/8", 1/2", 3/4" Assortment, 1 Each

**Z20400** 1/4" NPT Aluminum Bungs, 5 Pk

**Z17643** Single Pack 3/8" NPT, Single Pk

**Z17551** 1/4" NPT Aluminum Bungs, 2 Pk

**Z17552** 1" NPT Aluminum Bungs, 2 Pk



# AUXILIARY HEATERS

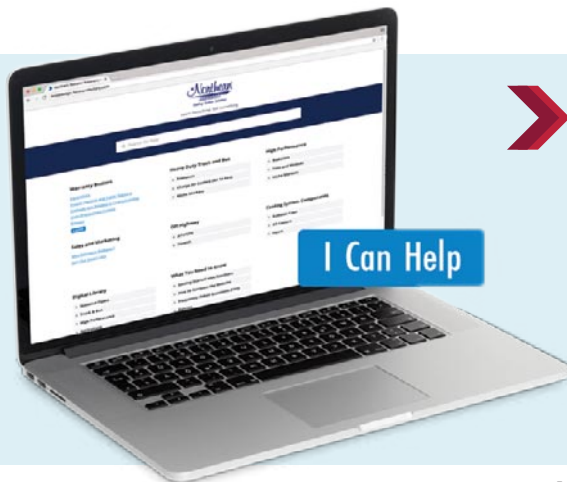
PART #	BTU	CASE SIZE	FAN	MOUNTING	NOTES
<b>STANDARD</b>					
AH464 - 12 Volt AH24464 - 24 Volt	16,000	6 3/8" x 6 3/4" x 7 1/2"	Single Fan 2-Speed	Through the floor hose connection	<ul style="list-style-type: none"> <li>• Compact</li> <li>• Great for rear van heat</li> </ul>
AH500 - 12 Volt	16,000	10" x 10" x 4"	Single Fan 2-Speed	Ideal for under seat heat	<ul style="list-style-type: none"> <li>• Compact</li> <li>• Great for vehicles where space is a factor</li> </ul>
AH454 - 12 Volt AH24454 - 24 Volt	20,000	9 1/2" x 6 1/2" x 7"	Single Fan 2-Speed	Sidewall exit hose connection for convenient wall mount	<ul style="list-style-type: none"> <li>• Compact</li> <li>• Adjustable louver to direct heat flow</li> </ul>
AH468 - 12 Volt AH24468 - 24 Volt	20,000	9 1/2" x 6 1/2" x 7"	Single Fan 2-Speed	Through the floor bolt down mounting case	<ul style="list-style-type: none"> <li>• Compact</li> <li>• Adjustable louver</li> <li>• Great for delivery vans</li> </ul>
AH474 - 12 Volt AH24474 - 24 Volt	20,000	9 1/2" x 6 1/2" x 7"	Single Fan 2-Speed	Convenient fan switch is mounted right in case	<ul style="list-style-type: none"> <li>• Compact</li> <li>• Adjustable louver</li> <li>• Fleet vehicles</li> </ul>
<b>HIGH-OUTPUT</b>					
AH530 - 12 Volt	16,000	6 1/2" x 6 3/4" x 8 7/8"	Squirrel Cage Fan	Through the floor 3-Speed	<ul style="list-style-type: none"> <li>• Great for rear passenger van heat</li> <li>• <b>High-Output Heat</b></li> </ul>
AH525 - 12 Volt	20,000	9 1/2" x 6 1/2" x 9"	Squirrel Cage Fan	Wall or Side Mount 3-Speed	<ul style="list-style-type: none"> <li>• Great for rear passenger van heat</li> <li>• <b>High-Output Heat</b></li> </ul>
AH535 - 12 Volt AH24535 - 24 Volt	30,000	16" x 6 1/2" x 9"	Dual Wheel Blower 3-Speed	Wall or Side Mount	<ul style="list-style-type: none"> <li>• Dual directional louvers</li> <li>• Installation kit included</li> <li>• <b>High-Output Heat</b></li> </ul>
AH545 - 12 Volt AH24545 - 24 Volt	30,000	16" x 6 1/2" x 9"	Dual Wheel Blower 3-Speed	Wall or Side Mount	<ul style="list-style-type: none"> <li>• 3 Ducts for heating/defrosting</li> <li>• Requires included hose &amp; louver installation kit</li> <li>• <b>High-Output Heat</b></li> </ul>
*AH545-1 - Hose/Louver Kit (Sold Separately/Recommended)					
AH550 - 12 Volt AH24550 - 24 Volt	30,000	16" x 6 1/2" x 9"	Dual Wheel Blower 3-Speed	Wall or Side Mount	<ul style="list-style-type: none"> <li>• Full front opening</li> <li>• Ideal for heating large areas</li> <li>• <b>High-Output Heat</b></li> </ul>

Having the **right tools** and **knowledge in your back pocket** can make the difference in winning or losing the sale. We continue to **create useful and relevant sales and marketing tools**. Use these outside your company as sales aids, to train staff on the details of quality cooling products, or perhaps to learn something new yourself.



➤ **Never Miss a Cooling Opportunity, SIGN UP FOR EMAILS**  
 Signing up is easy and the payoff is rewarding. Having the knowledge, tips, and news in your back pocket when your customer asks could mean winning or losing the sale.

You'll receive periodic emails with only the most relevant information. Unsubscribe at anytime and we'll never share your information.  
[www.NorthernRadiator.com/optin](http://www.NorthernRadiator.com/optin)



➤ **LEARN MORE. SELL MORE.**  
 We partner with you through education to deliver a full cooling system program.

**You may have noticed "I Can Help" on the lower corner of the website.**

This will provide you with a variety of resources without needing to leave the page you're on. Check it out!

➤ **FREE Point of Sale Materials**  
 Have a showroom? What about a pick up area? Make the most of your wall space by displaying what you have available, and most importantly, that it's quality Northern Radiator products!



Tag us  
 @NorthernRadiator



2701 4th Avenue SW • Willmar, MN 56201 • 1-800-328-8900  
[www.NorthernRadiator.com](http://www.NorthernRadiator.com)

**100%**  
EMPLOYEE-OWNED