



WE'LL GET YOU THERE™



Evans Cooling Systems

Corporate / R&D / Engineering

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F 860.364.0888

Sales & Marketing

1 Mountain Road
Suffield, CT 06078

T 860.668.1114
F 860.668.2757

Distribution & High Perf. Sales

P.O. Box 434
Parkerford, PA 19457

T 610.323.3114
F 610.970.0286

Order Information

Orders are accepted by Phone, Online and Mail.

ORDER BY PHONE

call **888-990-COOL** (2665)

Sales staff are available from 9 am to 5 pm Monday through Friday. Evans Cooling is closed on all bank holidays.

ORDER ONLINE

www.EvansCooling.com

ORDER BY MAIL

Evans Cooling Systems
P.O. Box 434
Parkerford, PA 19457

Shipping: All orders are shipped by UPS Ground and can take 5 to 7 business days to be delivered. Orders received before 11 am Eastern Time will ship the same day. Orders received after 11 am will ship the following business day. UPS shipping charges are determined by weight of product shipped and distance from shipping warehouse. Expedited shipping is available at the customer's request and expense.

PAYMENT INFORMATION:

Evans accepts Visa, Master Card, American Express, Discover, Money Order and Check. All payments must clear prior to shipping.

RETURN POLICY:

Any standard Evans Cooling System Inc. product may be returned by the original purchaser within 30 days of the purchase date for a full purchase price refund if the item is returned in the original unaltered condition. The customer must call to obtain authorization for the return prior to returning the products. The customer is responsible for any return shipping charges. A copy of the invoice and a letter of explanation, including name, address and phone number must be enclosed with the returned product. After a return is received and inspected at Evans Cooling Systems, Inc. a credit or refund will be issued. Any products which have been modified or damaged by the customer will not be accepted for the return. There are no returns on specialty orders or on custom items. Items returned after 30 days are subject to a 20 % restocking charge.

EVANS COOLING SYSTEMS, Inc.

WARRANTY:

Evans Cooling Systems, Inc. warrants each of its Evans Cooling Systems products to be free from defects in material and workmanship under normal use and when properly installed for a period of one year from the date of purchase. If found to be defective as mentioned above, the defective part will be replaced or repaired if returned prepaid along with proof of purchase. This shall constitute the purchaser's sole remedy and the sole liability of Evans Cooling Systems, Inc to the extent permitted by law. The foregoing is excessive and in lieu of all other warranties or representations whether expressed or implied including an implied warranty of merchantability or fitness. In no event shall Evans Cooling Systems, Inc. be liable for special or consequential damages.

New Products

HDTC (*Heavy Duty Thermal Coolant*)

Evans HDTC is the waterless cooling solution for heavy duty diesel applications. It features a huge separation between the operating temperature of the coolant and its boiling point. HDTC can control metal temperatures at coolant temperatures that are well above the boiling point of water. With engine metals protected at higher coolant temperatures, fan turn-on temperatures can be safely increased. Released from the burden of avoiding the boiling point of water, HDTC waterless coolant enables the safe use of higher coolant temperatures and sharply reduced fan usage. Thousands of dollars in fuel savings annually result from that technique.

BOILS: 375° F @ 0 psi

PROTECTS TO: -40° F

VISCOSITY: 2.3 cp @ 212° F

SURFACE TENSION: 44 dyn / cm

- ▶ Specially formulated for Heavy Duty Engines.
- ▶ Stop cylinder liner cavitation and erosion.
- ▶ Lasts the lifetime of the engine.
- ▶ Increase Efficiency 3% - 7%.
- ▶ End after-boil
- ▶ Reduced toxicity



Coolant Filters

Converting to Evans HDTC requires changing to a blank coolant filter.

Thermostats

To achieve increased fuel economy Evans suggests installing a higher temperature thermostat.

Call to check the availability of coolant filters and thermostats for your heavy duty application.



Waterless Technology Coolants

Evans Waterless Technology Coolants are chemically blended coolants that result in more efficient engine cooling. Lack of coolant vaporization results in better metal temperature control. The increased coolant boiling point eliminates boil over, cavitation and detonation. Evans Waterless Technology eliminates electrolysis and corrosion in the cooling system. All Evans Waterless Technology Coolants require the entire cooling system to be drained and refilled 100% with one of the Evans Waterless Coolants.

NPG+ 1 gallon, 55 gallon, industrial tote

Evans NPG+ Waterless Coolant is the most popular Evans Waterless Coolant. NPG+ is the recommended coolant for all gasoline and light duty diesel engines. NPG+ is a year-round lifetime coolant. No other cooling system modifications are required for a stock vehicle to run NPG+. Simply drain the entire cooling system and fill with NPG+. NPG+ is safe for stored vehicles and vehicles operated in extreme cold conditions. Motorcycles and small engines are suggested to use Evans Prep Fluid as a flush prior to installing NPG+. NPG+ meets modified ASTM D 1384 corrosion testing.

Boils: 375 °F @ 0 psi

PROTECTS TO: -40° F

Viscosity: 2.3 cp @ 121° F

SURFACE TENSION: 44 dyn / cm



NPGR 1/2 gallon, 1 gallon, 55 gallon

Evans NPGR Waterless Coolant is designed to tolerate the intense heat created while racing. NPGR has maximum heat absorption capabilities. NPGR is NOT recommended for cold weather operation. Motorcycles and small engines are suggested to use Evans Prep Fluid as a flush prior to installing NPGR. Suggested for off road, motorcycles, ATVs and high performance cars with copper brass radiators.

Boils: 400° F @ 7 psi

PROTECTS TO: -10° F

Viscosity: 2.0 cp @ 121° F

SURFACE TENSION: 46 dyn / cm



Waterless Technology Coolants

- ▶ Increases Power
- ▶ Extends cooling performance
- ▶ Protects from boil-over
- ▶ Permits increased compression without detonation
- ▶ Eliminates system scaling
- ▶ Reduces corrosion
- ▶ Eliminates pump cavitation
- ▶ Reduces maintenance
- ▶ Increase engine durability
- ▶ Essentially non-toxic
- ▶ Permits more spark advance without detonation

NPG 1 quart, 1/2 gallon

Evans NPG is the Original Waterless Coolant. NPG is recommended for racing engines that run on tracks or in series where there is a “NO Ethylene Glycol” rule. NPG is NOT recommended for daily drivers or cold weather operation, and may require system modifications to ensure a successful conversion.

BOILS: 369° F @ 0 psi

PROTECT TO: -79° F

VISCOSITY: 2.8 cp @ 212° F

SURFACE TENSION: 36 dyn / cm

1/2 gallon size



PREP FLUID 1 gallon

Evans Prep Fluid is a waterless cooling system flush. It is designed to seek out the remaining water in a cooling system after draining for conversion to NPG+ or NPGR. Prep Fluid should be used when block drains are unavailable or cannot be removed. It is not a substitute for thoroughly draining the cooling system and related components. A minimum of 1 gallon of Prep Fluid is recommended for all motorcycles converting to NPG+ or NPGR. Prep Fluid is NOT intended to be a stand alone coolant. It is designed as a flush only.

Refractometer E2190

Evans recommends testing all waterless coolant conversions using a refractometer. Evans Brix scale conversion provided.



Evans Designed Coolant Pumps

WHAT MAKES AN EVANS COOLANT PUMP DIFFERENT? INCREASED COOLANT FLOW.

All Evans coolant pumps use either an Evans designed casting or an OEM housing specially engineered by Evans to include ball-roller bearing, ceramic seals, plugged weep-holes, air bleeds and plugged bypasses.

The Evans EP Performance Series coolant pumps are designed for serious competition and high performance engines using either an Evans Waterless Coolant or water-based antifreeze. All Evans EP series pumps feature Evans designed 8-vane aluminum impeller for maintaining maximum flow rates while using minimum horsepower.

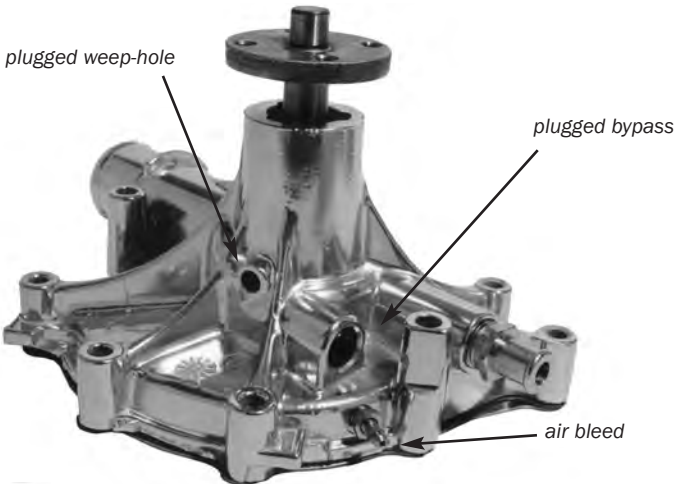
Evans 8 vane scroll design impeller



OEM SBC Housing



The Evans EP Performance Series coolant pumps are the highest volume coolant pumps available in the industry. An Evans coolant pump is capable of up to 10,000 rpm. All EP series pumps have Zinc Chromate backing plates and are available with ceramic coating for the ultimate corrosion protection and chrome-like appearance. Custom powder coating is also available.



LS1 Products

Coolant Pumps

EP30913 LS1 aluminum pump housing. 3.8" O.D. aluminum impeller, 3/4" roller bearing, and ceramic shaft seal.

EP30913-C ceramic coated EP30913

EP30914 Gen III Truck pump with black hard coated Billet aluminum pulley, 3.8" O.D. aluminum impeller, 3/4" roller bearing, and ceramic shaft seal, shorter serpentine belt required.

EP30914-C ceramic coated EP30194, shorter serpentine belt required.



Thermostats

E3022 160° GM LS1 & Gen III

E3022-C Ceramic coated E3022

E3023 180° GM LS1 & Gen III

E3023-C Ceramic coated E3023



Pulleys

E3911 Small bull nose radius pump pulley

E3914 Small can style pump pulley, suggested for use with optional accessory drive

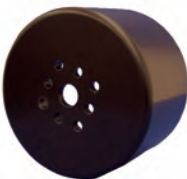
E3916 Large bull nose radius pump pulley

E3918 Large can style pump pulley suggested for use with optional accessory drive



E3911

E3914



E3916

E3918



Heater Shut Off Valve

E2004 LS1 Corvette, Camaro, Firebird, 4-1/4" long, 5/8" long, 5/8" chrome plated.

Evans Designed Chevy Coolant Pumps

Small block and big block Chevy racing pumps are manufactured by Evans. They feature 356-T6 aluminum heat treated housings and Evans CAD CAM designed 8-vane 4.4" O.D. high efficiency impeller, which is capable of the highest gallon per minute flow rate in the industry. The pump eye and inlet cross section have been increased by 20% for decreased draw restriction. Extra material is added for external lines and the housing has been machined to accept a Viton O-ring for a positive seal with the back cover.

EP20111 SBC short aluminum housing, 4.4" O.D. aluminum impeller, standard hub height 5.625". Viton O-ring back plate seal.

EP20111-2 same as EP20111 with 5.795" hub height.

EP20111R EP20111 with impeller for reverse rotation drive systems, standard hub height 5.625".

EP20111R-2 same as EP20111 with impeller for reverse rotation drive systems and 5.795" hub height.

EP20211 BBC short aluminum housing, 4.4" O.D. aluminum impeller, Viton O-ring back plate seal, 5.750" hub height, 3/4" fan pilot.

EP20211R EP20211 with impeller for reverse rotation drive systems



Ford Coolant Pumps



EP30313 SBF for 1994-95 5.0L Mustang, aluminum housing, 4.0" impeller, 4.105" hub height, 3/4" fan pilot

EP30313-C EP30313 ceramic coated

EP30513R 1996-2002 4.6L Mustang, 4.0" O.D. aluminum impeller, Ford fan hub

EP30514 2001-2004 4.6L Mustang and supercharged Mustang Cobra, 4.0" O.D. impeller 2.578 hub height

Pontiac Coolant Pump

EP310224 1969-77 Pontiac 455, iron housing



Cooling Components

Pump Pulleys

E4015A Street rod 5.0" aluminum pump pulley, double groove, 2.75" back spacing, machine finish.

E4016A Street rod 5.0" aluminum pump pulley, single groove, 2.75" back spacing, machine finish

E4155 1996-2002 Ford 4.6L Mustang aluminum pump pulley, black hard-coat finish.



E4015A



E4016A



E4155



E4315



E4316

Pulley Sets

E4315 SB & BB Chevy Billet aluminum double groove, overdrive street rod pulley set, 2.75" back space, 5.0" pump pulley, 7.5" crank pulley. (BB requires shims.)

E4316 SB & BB Chevy Billet aluminum single groove, overdrive street rod pulley set, 2.75" back space, 5.0" pump pulley, 7.5" crank pulley. (BB requires shims.)

Crankshaft Pulleys

E4215A Street rod 7.5" diameter aluminum crankshaft pulley, double groove, machine finish (1969-71 Corvette)

E4216A Street rod 7.5" diameter aluminum crankshaft pulley, single groove, machine finish (1969-71 Corvette)



E4215A



E4216A

Shim Kits *(not shown)*

E4400 Pump pulley shim kit: set of 3 (1/16", 3/32", 1/8")

Cooling Components

Thermostats

All Evans thermostats are modified to maximize the flow of the coolant.

Chevy / Ford



- E3000** 180°
- E3010** 160°
- E3015** 195°
- E3020** 205°

Chrysler



- E3001** 180°
- E3011** 160°
- E3016** 195°

Specialty thermostats

- E3002** 180° Ford Cleveland
- E3017** 195° Ford Cleveland

Heater Shut Off Valves

- E2005** 5/8" x 5/8" zinc plated
- E2006** 3/4" x 3/4" zinc plated

Radiator Caps



- E2002** Zero pressure cap
- E2007** 7 lb. pressure cap
- E2003** 13 lb. pressure cap

Evans recommends using a 7 pound pressure cap in high performance vehicles when running Evans coolants, if applicable. Low pressure caps are not needed for stock applications. Evans radiator caps are for coolant recovery systems and fit a 3/4" deep neck. Some systems will require a 13 pound pressure cap.

Expansion Tanks



ETSM 1.3 quart expansion tank, dimensions are 6-1/2" wide, 4" high and 3" deep with

(2) 1/4" and (1) 1/2" npt female bungs and mounting tabs.



ETLG 2 quart expansion tank, dimensions are 6-1/2" wide, 6" high and 3" deep with 1/4" and 1/2"

female bungs and mounting tabs.



Custom Fan Mounts

Evans only uses the highest quality CFM rated fans in our custom radiator and fan combinations. Fans are imported from Italy. Custom single and dual fan mounts and shrouds are available.



WE'LL GET YOU THERE™

EVANS

Custom Aluminum Radiators

Place a custom radiator order. Call an Evans Technician.
888-990-COOL₍₂₆₆₅₎

Evans custom builds aluminum radiators. All custom built aluminum radiators use parts and core manufactured in the USA. Evans uses custom built all aluminum reinforced uni-brazed side panel cores. Cores are application specific, depending on the configuration needed to fit into the restricted radiator locations and designed to control the heat generated by high horsepower engines.

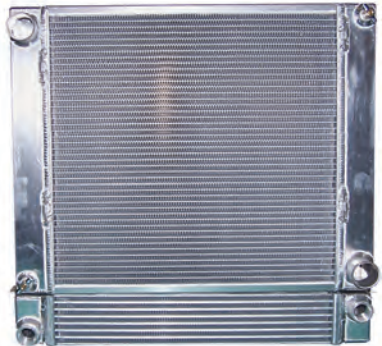
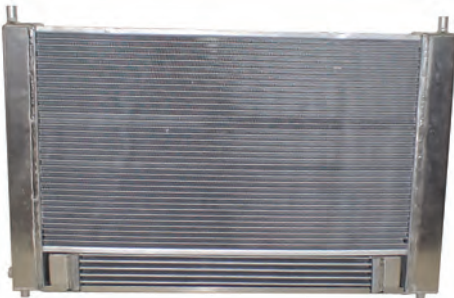


All custom radiators are done by quote and can take 3 to 5 weeks from the approved drawing to shipping. Payment terms are determined from the initial quote. There is a 50% deposit due at order placement. Balance of payment is due at time of shipping.

Evans Custom Designed Radiators

Dirt Modified radiator with oil cooler

2003-04 Ford Cobra Mustang radiator with oil cooler



OEM Replacement Radiators

Information Needed to Order OEM Aluminum Replacement Radiator:

- ▶ Make, model and year of vehicle
- ▶ Engine and horsepower
- ▶ Location of outlets
- ▶ Air conditioning
- ▶ Manual or automatic transmission





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