

Ron Davis **Racing Products** Custom Aluminum Radiators

2005

1955-2005 Corvette Type Radiator Catalog





THERE IS A DIFFERENCE.

Ron Davis Racing Products is proud to introduce our new Corvette catalog, packed with replacement style models as well as specialized radiators to compliment your Corvette.

Ron Davis has been cooling street and racing applications since 1976. Teams like Pratt & Miller, 3R Racing, Rocketsports and Powell Motorsports have used Ron Davis aluminum radiators to win races and championships like the 24 Hours of Le Mans, Sebring, SCCA, ALMS, and TRANS-AM. Racers can't afford to fail, and they know Ron Davis is the name they trust for the highest performance and reliability.

Street and show Corvette owners know that attention to quality and detail makes a radiator that both cools the best and looks the best. Every Ron Davis radiator is made specifically for each model using the same processes as our race radiators, with no generic fits and no approximate sizing. Each radiator has maximum sized cores with appropriate fin counts to assure maximum cooling in the small space 'Vettes were given. Custom designs are also available. Our sales techs can help you size and design a radiator for any custom application you can dream up.

Quality is more than a buzzword at Ron Davis Racing Products. Our feeling is that there are plenty of low - cost aluminum radiators out there, manufactured with inferior materials or methods geared to mass-production and high profitability. Ron Davis has always believed that there is a portion of the market that can't afford to fail. They appreciate the very best that technology has to offer, and this is the market we serve. CAD/CNC manufacturing assures repeatable fit within .020". High-density cores assure cooling in a small package, enabling the highest performance in a tight space. Fabricated tanks insure optimal fit and maximum strength, unlike stamped tanks with thinned walls from stretching material over a die. Welds are all TIG- no MIG welds or other mass-production methods. It's not the least expensive way to build a radiator- just the best way. From order to shipment, each step in the process is geared to add value to the customer- not to cheapen the cost of manufacturing.

Ron Davis achieves reasonable pricing by eliminating the defects in our processes that cause internal re-do's or customer returns. If it's done right the first time and never comes back, it costs less to build. The end result is perfect radiators every time to the customer and more efficient manufacturing that enables fast build times. On-hand stock insures that your radiator is ready to ship within a day in most cases. Quality is what achieves reasonable prices with the utmost in cooling, fit, durability and looks to the customer.

ALMS GTS Champions
2001, 2002, 2003, 2004



**24 Hours of Le Mans
GTS Winners**
2001, 2002, 2004

Pratt & Miller ALMS GTS Series C5 Corvette

Gentlemen,

Thanks for all of the technical assistance and cooling help Ron Davis Radiators has provided. Our oil and water temperatures were lowered significantly with the new radiators. Your customer service is exceptional! Ron Davis's ability to build a custom radiator and ship it for next day delivery saved our race weekend. Our team is deeply grateful for all of the help and service you have provided. We look forward to working with you in the future.

Kevin Chambers, #67
Speed World Challenge GT

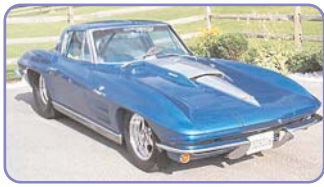


Gentlemen,

This is probably the best money I've ever spent on my car. Thanks to Ron Davis Radiators my car now runs at least 20 degrees cooler under any conditions. 199k miles and still running COOL!!

Dale Snyder
Glendale, Arizona





Fits 1955-1959

V8 All

Part No. 1-16CV5559

-Rated HP: 500*

-Manual transmission

Optional: To add automatic transmission cooler, order part number 1-16CV5559T. Specify transmission line type (NPT, O-ring, GM 5/16" or 3/8" inverted flare).



Fits Mid 1961-1962

V8 All

Part No. 1-16CV6162

-Rated HP: 500*

-Manual transmission

*Early 1960- mid 1961 V8 All Part No. 1-16CV6061 - Need Sample to build

Fits 1963-1972

V8

Part No. 1-16CV6372

-Rated HP: 550*

-Factory equipped smallblock manual transmission cars

Optional: Integrated 16 inch Spal fan, order radiator Part No. 11-16CV6372



Fits 1965 Only

V8 396

Part No. 1-16CV6530

-Rated HP: 600*

-Manual transmission



Tech Tip #1:

Install a fresh set of factory rubber mounting pads when installing a new aluminum radiator.

Caution: Polyurethane mounting pads are too stiff and cause vibration and shock damage to the radiator over time.



Fits 1966-1968

V8 (Exc. L-88)

Part No. 1-16CV6668T

-Rated HP: 700*

66-67 BB 427 CI (EXCLUDING L-88) W/ A/T AND 68 327 A/T ONLY.

-Automatic transmission (cooler fittings are GM 5/16" inverted flare),

Optional: For manual transmission, order Part No. 1-16CV6668



Fits 1969-1972

V8 350

Part No. 1-16CV6972T

-Rated HP: 800*

-Automatic transmission (cooler fittings are GM 5/16" inverted flare)

-Fits in 3 5/8" wide saddles.

Optional: For manual transmission, order Part No. 1-16CV6972



Fits 1969-1972

V8 427/454

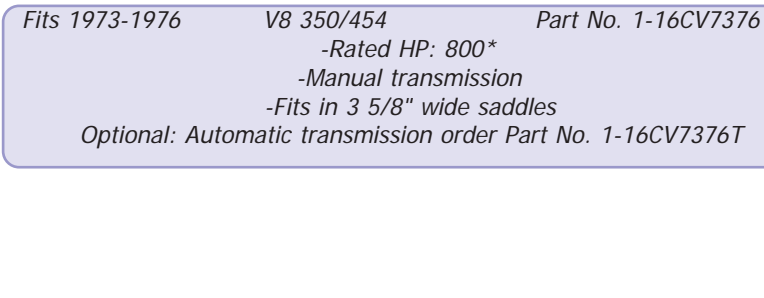
Part No. 1-16CV6973T

-Rated HP: 800*

-Automatic transmission (cooler fittings are GM 5/16" inverted flare)

Fits 27.25" core, w/ 3 5/8" saddles.

Optional: Manual transmission, order Part No. 1-16CV6973.



Fits 1973-1976

V8 350/454

Part No. 1-16CV7376

-Rated HP: 800*

-Manual transmission

-Fits in 3 5/8" wide saddles

Optional: Automatic transmission order Part No. 1-16CV7376T





Fits 1977-1979 V8 All Part No. 1-16CV7779T
 -Rated HP: 800*
 -Automatic transmission (cooler fittings are GM 5/16" inverted flare),
 -Fits in 3 5/8" wide saddles
 Optional: Manual transmission, order Part No. 1-16CV7779.

Fits 1977-1980 V8 All Part No. 1-16CV7780T
 -Rated HP: 800*
 -Automatic transmission (cooler fittings are GM 5/16" inverted flare),
 -Fits in 2 3/4" wide saddles.
 Optional: Manual transmission, order Part No. 1-16CV7780.



Fits 1980-1982 V8 All Part No. 1-16CV8082T
 -Rated HP: 800*
 -Automatic transmission (cooler fittings are GM 5/16" inverted flare),
 -1 3/8" top hose, 1 1/2" bottom hose
 -Fits in 2 3/4" saddles.
 Optional: Manual transmission, order Part No. 1-16CV8082.

Fits 1984-1989 C4 V8 All Part No. 1-16CV8389T
 -Rated HP: 800*
 -Automatic transmission (cooler fittings are GM 5/16" inverted flare),
 Optional: Manual transmission order Part No. 1-16CV8389



Tech Tip #2:

Electrolysis corrosion can be reduced by eliminating brass fittings or water with minerals in it. Distilled water with coolant mixed to the manufacturer's recommendations, or Water Wetter for racing applications is a must. You can test for electrolysis voltage by inserting a voltmeter lead into the inlet or filler neck and the other terminal to battery ground. If the voltage is greater than .03V, isolate electrical circuits by pulling fuses or turning off items. Bad grounds are often the cause. Remember to check the voltage while cranking the engine with the starter to verify good starter grounding.



Tech Tip #3:

Sealing your fan shroud to the radiator is critical to insure the fan pulls a vacuum behind the radiator to achieve good airflow. Mechanical water pump driven fans should be set halfway in the shroud for best performance.



Fits 1989-1996 C4

V8 All

Part No. 1-16CV8996

-Rated HP: 800*

-Manual transmission

-Core is thicker than factory unit, shroud must be trimmed.



Fits 1990-1996 C4

V8 All

Part No. 1-16CV9096

-Rated HP: 800*

-Automatic transmission (cooler fittings are GM 5/16" inverted flare)

-Core is thicker than factory unit, shroud must be trimmed.



Fits 1990-1996 C4

V8 All

Part No. 11-16CV8996E

-Rated HP: 800*

-Manual transmission

-Engine oil cooler with -10 fittings

Core is thicker than factory unit, shroud must be trimmed.



Fits 1997-2004 C5/Z06

V8 All

Part No. 1-16CV9799

-Rated HP: 800*

-Manual transmission

Optional: Engine oil cooler with -10 fittings order Part No. 11-16CV9709





Fits 1997-2004 C5/Z06

V8 All

Part No. 1-16CV9700

-Rated HP: 800*
-Automatic transmission.

Fits 1997-2004 C5/Z06

V8 All

Part No. 11-16CV9709

-Rated HP: 800*

-Manual transmission.

-Engine oil cooler with -10 fittings

Optional: Power Steering cooler & Engine oil cooler with -10 fittings
order Part No. 11-16CV9710.



Fits 2005 C6/Z06

V8 All

Part No. 11-16CV0506

-Rated HP: 800*

-Manual Transmission

-Engine oil cooler with -10 fittings

-Shroud must be trimmed to fit.

Optional: Manual transmission use Part Number 1-16CV0500



Fits 1963-1972

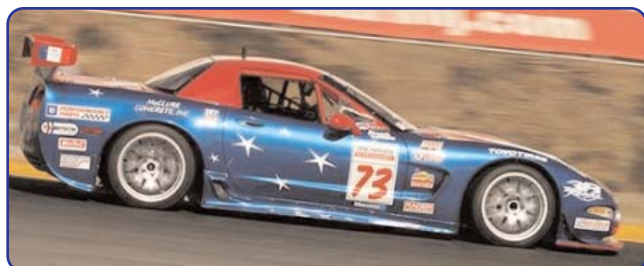
V8

Part No. 11-16CV6372

-Rated HP: 550*

-Factory equipped smallblock manual transmission

-16" Spal fan and bracket assembly

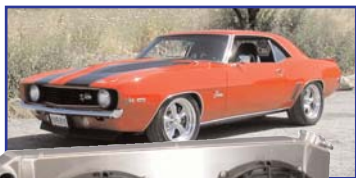


*Rated HP is an estimate for naturally aspirated engines with properly functioning cooling system components. For turbocharged or supercharged applications, please call for a quote.



RADIATORS TO FIT ALL APPLICATIONS

MUSCLE CARS



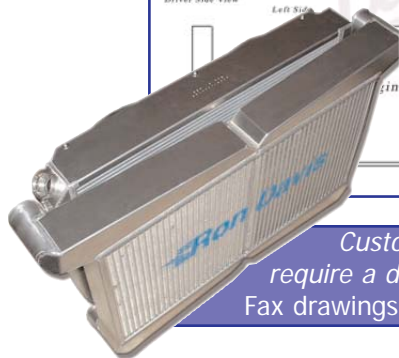
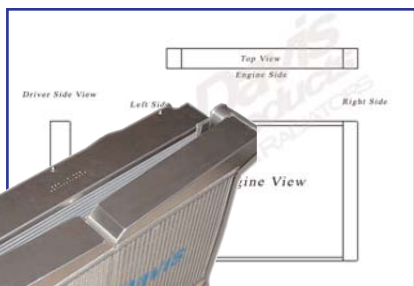
OFF-ROAD



DRAG RACE



CUSTOM BUILT



Custom built radiators
require a drawing or a sample.
Fax drawings to 623-877-5001



7334 NORTH 108TH AVENUE
GLENDALE, AZ. 85307

CLASSIC



STREET RODS



-ALMS
-SCCA
-NASCAR
-USAC
-NHRA
-IHRA
-SCORE
-SPEED
-CORR
-BITD
-IRL
-TRANS-AM

Ron Davis
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Custom Aluminum Radiators

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