The Anatomy of a Griffin Aluminum Radiator

1 TUBES

The Tubes are the part of the radiator that the water flows through

"Commonly referred to as cores"

Available sizes:
1.00", 1.25", & 1.50"

2 FINS

The Fins are the part of the radiator that the air flows through

Available in both louvered and dimpled designs.

3 BILLET FILLER NECK

The Filler Neck is used to add coolant to the radiator "inline Fillers" & "Gambler Necks" are also available.

4 HEADER

The Header is used to hold the tubes in place and provide a surface for the tank to be mounted

Available stamped or CNC'd

13 SIDEBAND

The side band contains the core components during brazing and allows for brackets to be mounted to the sides of the finished product

5 TOP TANK

The Top Tank receives the coolant from the motor and disperses it amongst the tubes

Tanks are stamped for an original look or formed for a modern look.

12 MOUNTING BRACKET

The Mounting Bracket is used to attach the radiator to the vehicle

Direct fit brackets are available for easy installation.

6 INLET

The Inlet is where the coolant enters the radiator after exiting the engine

Inlets are available in several sizes, locations, & fitting styles

11 THERMOSTAT FITTING

The Thermostat Fitting is a threaded bung in which the temperature sensor screws into

Several other options are available including "steamlines" & "draincocks".

7 CORE

The Core consists of the tubes, fin, and headers

Cores are available in several different shapes / sizes / thicknesses.

Complete Customs are available

10 BOTTOM TANK

The Bottom Tank collects all of the coolant from the tubes

Tanks are either stamped for an original look or formed for a modern look.

9 TRANSMISSION COOLERS

The Transmission Cooler is an added option to cool automatic vehicles

Several other options are available

8 OUTLET

The Outlet is where the coolant exits the radiator and heads to the engine

Inlets are available in several sizes, locations, & fitting styles

Griffin Thermal provides the best in performance engine cooling equipment.