



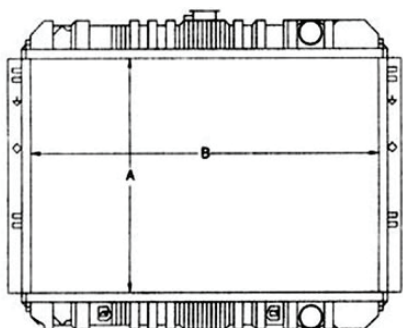
**MAAS RADIATOR, INC.**

*Complete Cooling System Sales & Service*

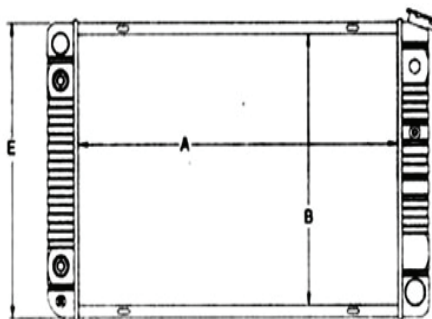
**(877) 348-3888**

## ***MEASURING A SOLDER UP RADIATOR CORE***

### Radiator Types & Configurations



The downflow radiator is designed so coolant flows from the top tank to the bottom tank. Tubes are mounted vertically.



The crossflow radiator is designed so coolant flows horizontally from one tank to the other. The tubes are mounted horizontally and the tanks



Radiator Thickness

Three specific measurements are needed to ensure the right size radiator. They are height, width and thickness, no matter what type of radiator.

The height measurement is always between the two tanks from header to header along the length of the tubes. (A)

The core width is measured between the side plates, or across the tubes and does not include the side plates. (B)

The depth is the measurement in thickness of the radiator core depending on how many rows the radiator has. An easy way to measure thickness is by inserting a wire through the fins until flush with the core. Mark the other end of the wire and measure the wire.