

Replacement Brass/Copper & Performance Aluminum Radiator Application Chart

Look up your engine size then year and cooling requirements in this table, then look up the order # in the table to right for pricing and specifications.
All our radiators are configured to match your original as closely as possible in dimensions and mounting*.

| Year | Application | Ready Rad | Super H.E. | Super H.E. | Max Core | | Champion Cooling | Champion Cooling | Champion Cooling | Cold Case | Cold Case |
|-------|----------------------|-----------|------------|------------|-----------------|--|------------------|------------------|------------------|------------|-----------|
| | | Std cool | Std cool | Super cool | High Efficiency | | 2 row | 3 row | 4 row | Auto Trans | Man Trans |
| 65-66 | 170, 200 | - | | 8005-1BH | 8005-1BE | | - | - | - | - | - |
| 67-70 | 200 | 8005-1D | | - | - | | - | - | - | - | - |
| 69-70 | 250 | 8005-1H | | 8005-1HH | 8005-1HE | | 8005-1HC2 | 8005-1HC3 | 8005-1HC4 | 8005-3HA | 8005-3HM |
| 71-72 | 250 | - | 8005-1J | 8005-1JH | - | | - | - | - | - | - |
| 73 | 250 | - | 8005-1R | 8005-1RH | - | | 8005-1KC2 | 8005-1KC3 | 8005-1KC4 | 8005-3KA | 8005-3KM |
| 65-66 | 5.0L/5.8L conversion | - | - | 8005-2AH | 8005-2AE | | 8005-2AC2 | 8005-2AC3 | 8005-2AC4 | 8005-3AA | 8005-3AM |
| 65-66 | 289 | - | | 8005-1AH | 8005-1AE | | 8005-1AC2 | 8005-1AC3 | 8005-1AC4 | 8005-3CA | 8005-3CM |
| 67-68 | 289, 20" | 8005-1E | | 8005-1EH | 8005-1EE | | 8005-1EC2 | 8005-1EC3 | 8005-1EC4 | 8005-3EA | 8005-3EM |
| 67-68 | 289, 302, 24" | - | 8005-1F | 8005-1FH | 8005-1FE | | 8005-1FC2 | 8005-1FC3 | 8005-1FC4 | 8005-3FA | 8005-3FM |
| 69 | 302 RH outlet, 20" | 8005-1E | | 8005-1EH | 8005-1EE | | 8005-1EC2 | 8005-1EC3 | 8005-1EC4 | 8005-3EA | 8005-3EM |
| 69 | 302 RH outlet, 24" | - | 8005-1F | 8005-1FH | 8005-1FE | | 8005-1FC2 | 8005-1FC3 | 8005-1FC4 | 8005-3FA | 8005-3FM |
| 69-70 | 302 LH outlet, 20" | 8005-1H | | 8005-1HH | 8005-1HE | | 8005-1HC2 | 8005-1HC3 | 8005-1HC4 | 8005-3HA | 8005-3HM |
| 69-70 | 302 LH outlet, 24" | - | 8005-1G | 8005-1GH | 8005-1GE | | 8005-1GC2 | 8005-1GC3 | 8005-1GC4 | 8005-3GA | 8005-3GM |
| 71 | 302 3 row original | 8005-1K | | 8005-1KH | 8005-1KE | | 8005-1KC2 | 8005-1KC3 | 8005-1KC4 | 8005-3KA | 8005-3KM |
| 72-73 | 302 2 row original | - | 8005-1R | 8005-1RH | - | | 8005-1KC2 | 8005-1KC3 | 8005-1KC4 | 8005-3KA | 8005-3KM |
| 69 | 351W, RH outlet, 20" | 8005-1E | | 8005-1EH | 8005-1EE | | 8005-1EC2 | 8005-1EC3 | 8005-1EC4 | 8005-3EA | 8005-3EM |
| 69 | 351W, RH outlet, 24" | - | 8005-1F | 8005-1FH | 8005-1FE | | 8005-1FC2 | 8005-1FC3 | 8005-1FC4 | 8005-3FA | 8005-3FM |
| 70 | 351C, LH outlet, 24" | - | 8005-1G | 8005-1GH | 8005-1GE | | 8005-1GC2 | 8005-1GC3 | 8005-1GC4 | 8005-3GA | 8005-3GM |
| 71-73 | 351C, 3 row original | 8005-1K | | 8005-1KH | 8005-1KE | | 8005-1KC2 | 8005-1KC3 | 8005-1KC4 | 8005-3KA | 8005-3KM |
| 72-73 | 351C, 2 row original | - | 8005-1R | 8005-1RH | - | | 8005-1KC2 | 8005-1KC3 | 8005-1KC4 | 8005-3KA | 8005-3KM |
| 67-70 | 390, 428 | - | 8005-1G | 8005-1GH | 8005-1GE | | 8005-1GC2 | 8005-1GC3 | 8005-1GC4 | 8005-3GA | 8005-3GM |
| 71 | 429 | 8005-1K | | 8005-1KH | 8005-1KE | | 8005-1KC2 | 8005-1KC3 | 8005-1KC4 | 8005-3KA | 8005-3KM |

Radiator Price and Dimensions Table

| ORDER# | Row | Tube size | Core ct | Fin ct | Core W | Core H | Core D | Inlet Dia/side | Outlet Dia/side | Trans Cooler | Mount | Fan Shr'd |
|-----------|-----|-----------|---------|--------|---------|---------|--------|----------------|-----------------|--------------|--------|-----------|
| 8005-1AC2 | 2 | 3/4" | 84 | 14 | 17 1/4" | 16 1/2" | 1 3/4" | 1 1/2" RH | 1 3/4" RH | 6" | Front | -1 |
| 8005-1AC3 | 3 | 5/8" | 126 | 14 | 17 1/4" | 16 1/2" | 2 3/8" | 1 1/2" RH | 1 3/4" RH | 6" | Front | -1 |
| 8005-1AC4 | 4 | 5/8" | 168 | 14 | 17 1/4" | 16 1/2" | 2 3/4" | 1 1/2" RH | 1 3/4" RH | 6" | Front | -1 |
| 8005-1AE | 3 | 1/2" | 121 | 14 | 16 7/8" | 16 3/8" | 1 7/8" | 1 1/2" RH | 1 3/4" RH | 6" | Front | -1 |
| 8005-1AH | 3 | 1/2" | 121 | 14 | 16 7/8" | 16 3/8" | 1 7/8" | 1 1/2" RH | 1 3/4" RH | 6" | Front | -1 |
| 8005-1BE | 3 | 1/2" | 99 | 14 | 16 7/8" | 16 3/8" | 2" | 1 1/4" RH | 1 1/4" LH | 6" | Front | -1 |
| 8005-1BH | 3 | 1/2" | 123 | 14 | 16 7/8" | 16 3/8" | 1 7/8" | 1 1/4" RH | 1 1/4" LH | 6" | Front | -1 |
| 8005-1D | 2 | 1/2" | 62 | 12 | 20 1/4" | 16 1/2" | 1 1/4" | 1 1/4" RH | 1 1/4" LH | 6" | Front | NA |
| 8005-1E@ | 3 | 3/8" | 147 | 16 | 20 1/4" | 16 1/2" | 1 1/2" | 1 1/2" RH | 1 3/4" RH | 6" | Front | -4 |
| 8005-1EC2 | 2 | 3/4" | 98 | 14 | 19 1/2" | 16 1/2" | 1 3/4" | 1 1/2" RH | 1 3/4" RH | 6" | Front | -4 |
| 8005-1EC3 | 3 | 5/8" | 147 | 14 | 19 1/2" | 16 1/2" | 2 1/2" | 1 1/2" RH | 1 3/4" RH | 6" | Front | -4 |
| 8005-1EC4 | 4 | 5/8" | 196 | 14 | 19 1/2" | 16 1/2" | 2 3/4" | 1 1/2" RH | 1 3/4" RH | 6" | Front | -4 |
| 8005-1EE | 3 | 1/2" | 132 | 13 | 19 7/8" | 16 3/8" | 1 7/8" | 1 1/2" RH | 1 3/4" RH | 6" | Front | -4 |
| 8005-1EH | 3 | 1/2" | 144 | 11 | 19 7/8" | 16 3/8" | 2" | 1 1/2" RH | 1 3/4" RH | 6" | Front | -4 |
| 8005-1F@ | 3 | 1/2" | 126 | 11 | 24 1/4" | 16" | 2" | 1 1/2" RH | 1 3/4" RH | 8" | Saddle | -3 |
| 8005-1FC2 | 2 | 3/4" | 120 | 14 | 24 1/4" | 16 1/2" | 1 3/4" | 1 1/2" RH | 1 3/4" RH | 8" | Saddle | -3 |
| 8005-1FC3 | 3 | 5/8" | 180 | 14 | 24 1/4" | 16 1/2" | 2 1/4" | 1 1/2" RH | 1 3/4" RH | 8" | Saddle | -3 |
| 8005-1FC4 | 4 | 5/8" | 240 | 14 | 24 1/4" | 16 1/2" | 2 3/4" | 1 1/2" RH | 1 3/4" RH | 8" | Saddle | -3 |
| 8005-1FE | 3 | 1/2" | 159 | 13 | 24 1/4" | 16" | 1 3/4" | 1 1/2" RH | 1 3/4" RH | 6" | Saddle | -3 |
| 8005-1FH | 3 | 1/2" | 171 | 15 | 24 1/4" | 16" | 2" | 1 1/2" RH | 1 3/4" RH | 6" | Saddle | -3 |
| 8005-1G | 3 | 1/2" | 126 | 11 | 24 1/4" | 16" | 2" | 1 1/2" RH | 1 3/4" LH | 8" | Saddle | -5 |
| 8005-1GC2 | 2 | 3/4" | 120 | 14 | 24 1/4" | 16 1/2" | 1 3/4" | 1 1/2" RH | 1 3/4" LH | 8" | Saddle | -5 |
| 8005-1GC3 | 3 | 5/8" | 180 | 14 | 24 1/4" | 16 1/2" | 2 1/4" | 1 1/2" RH | 1 3/4" LH | 8" | Saddle | -5 |
| 8005-1GC4 | 4 | 5/8" | 240 | 14 | 24 1/4" | 16 1/2" | 2 3/4" | 1 1/2" RH | 1 3/4" LH | 8" | Saddle | -5 |
| 8005-1GE | 3 | 1/2" | 159 | 14 | 24 1/4" | 16" | 1 3/4" | 1 1/2" RH | 1 3/4" LH | 8" | Saddle | -5 |
| 8005-1GH@ | 3 | 1/2" | 141 | 14 | 24 1/4" | 16" | 2" | 1 1/2" RH | 1 3/4" LH | 6" | Saddle | -5 |
| 8005-1H | 2 | 1/2" | 62 | 12 | 20 1/4" | 16 3/8" | 1 1/4" | 1 1/2" RH | 1 1/2" LH | 6" | Front | -6 |
| 8005-1HE | 3 | 1/2" | 117 | 15 | 20 1/4" | 16 3/8" | 2" | 1 3/4" RH | 1 1/2" LH | 6" | Front | -6 |
| 8005-1HH | 3 | 1/2" | 144 | 14 | 20 1/4" | 16 3/8" | 1 3/4" | 1 3/4" RH | 1 1/2" LH | 6" | Front | -6 |
| 8005-1HC2 | 2 | 3/4" | 98 | 14 | 19 1/2" | 16 1/2" | 1 3/4" | 1 1/2" RH | 1 1/2" LH | 6" | Front | -6 |
| 8005-1HC3 | 3 | 5/8" | 147 | 14 | 19 1/2" | 16 1/2" | 2 1/4" | 1 1/2" RH | 1 1/2" LH | 6" | Front | -6 |
| 8005-1HC4 | 4 | 5/8" | 196 | 14 | 19 1/2" | 16 1/2" | 2 3/4" | 1 1/2" RH | 1 1/2" LH | 6" | Front | -6 |
| 8005-1J | 3 | 1/2" | 96 | 12 | 21 3/4" | 17 3/4" | 2" | 1 1/2" RH | 1 1/2" LH | 6" | Saddle | NA |
| 8005-1JH | 3 | 1/2" | 129 | 14 | 21 3/4" | 18" | 2" | 1 1/2" RH | 1 1/2" LH | 6" | Saddle | NA |
| 8005-1K | 3 | 1/2" | 90 | 12 | 26" | 17 3/4" | 2" | 1 1/2" RH | 1 1/2" LH | 6" | Saddle | -10A |
| 8005-1KC2 | 2 | 3/4" | 82 | 14 | 25 7/8" | 16 1/2" | 1 3/4" | 1 1/2" RH | 1 1/2" LH | 8" | Saddle | -10A |
| 8005-1KC3 | 3 | 5/8" | 123 | 14 | 25 7/8" | 16 1/2" | 2 1/4" | 1 1/2" RH | 1 1/2" LH | 8" | Saddle | -10A |
| 8005-1KC4 | 4 | 5/8" | 164 | 14 | 25 7/8" | 16 1/2" | 2 3/8" | 1 1/2" RH | 1 1/2" LH | 8" | Saddle | -10A |
| 8005-1KE | 3 | 1/2" | 120 | 14 | 26" | 17 3/4" | 1 3/4" | 1 1/2" RH | 1 1/2" LH | 6" | Saddle | -10A |
| 8005-1KH | 4 | 1/2" | 168 | 12 | 26" | 17 1/2" | 2 5/8" | 1 1/2" RH | 1 1/2" LH | 6" | Saddle | -10A |
| 8005-1R | 3 | 1/2" | 96 | 11 | 26" | 17 3/4" | 2" | 1 1/2" RH | 1 1/2" LH | 6" | Saddle | -10A |
| 8005-1RH | 3 | 1/2" | 126 | 15 | 26" | 17 1/2" | 2" | 1 1/2" RH | 1 1/2" LH | 6" | Saddle | -10A |
| 8005-2AC2 | 2 | 3/4" | 84 | 14 | 17 1/4" | 16 1/2" | 1 3/4" | 1 1/2" RH | 1 3/4" LH | 6" | Front | -1 |
| 8005-2AC3 | 3 | 5/8" | 126 | 14 | 17 1/4" | 16 1/2" | 2 1/2" | 1 1/2" RH | 1 3/4" LH | 6" | Front | -1 |
| 8005-2AC4 | 4 | 5/8" | 168 | 14 | 17 1/4" | 16 1/2" | 2 3/4" | 1 1/2" RH | 1 3/4" LH | 6" | Front | -1 |
| 8005-2AE | 3 | 1/2" | 87 | 13 | 16 7/8" | 16 3/8" | 2" | 1 1/2" RH | 1 3/4" LH | 6" | Front | -1 |
| 8005-2AH | 3 | 1/2" | 123 | 13 | 16 7/8" | 16 3/8" | 2" | 1 1/2" RH | 1 3/4" LH | 6" | Front | -1 |
| 8005-3AA | 2 | 1 1/4" | 82 | 16 | 16 1/4" | 16 1/2" | 2 1/2" | 1 1/2" RH | 1 3/4" LH | 6" | Front | -1 |
| 8005-3AM | 2 | 1 1/4" | 82 | 16 | 16 1/4" | 16 1/2" | 2 1/2" | 1 1/2" RH | 1 3/4" LH | - | Front | -1 |
| 8005-3CA | 2 | 1 1/4" | 82 | 16 | 16 1/4" | 16 1/2" | 2 1/2" | 1 1/2" RH | 1 3/4" RH | 6" | Front | -1 |
| 8005-3CM | 2 | 1 1/4" | 82 | 16 | 16 1/4" | 16 1/2" | 2 1/2" | 1 1/2" RH | 1 3/4" RH | - | Front | -1 |
| 8005-3EA | 2 | 1 1/4" | 82 | 16 | 19 5/8" | 16 1/2" | 2 1/4" | 1 1/2" RH | 1 3/4" RH | 6" | Front | -4 |
| 8005-3EM | 2 | 1 1/4" | 82 | 16 | 19 5/8" | 16 1/2" | 2 1/4" | 1 1/2" RH | 1 3/4" RH | - | Front | -4 |
| 8005-3FA | 2 | 1" | 116 | 16 | 24" | 17 1/2" | 2 1/4" | 1 1/2" RH | 1 3/4" RH | 6" | Saddle | -3 |
| 8005-3FM | 2 | 1" | 116 | 16 | 24" | 17 1/2" | 2 1/4" | 1 1/2" RH | 1 3/4" RH | - | Saddle | -3 |
| 8005-3GA | 2 | 1" | 116 | 16 | 24" | 17 1/2" | 2 1/4" | 1 1/2" RH | 1 3/4" LH | 6" | Saddle | -5 |
| 8005-3GM | 2 | 1" | 116 | 16 | 24" | 17 1/2" | 2 1/4" | 1 1/2" RH | 1 3/4" LH | - | Saddle | -5 |
| 8005-3HA | 2 | 1 1/4" | 82 | 16 | 19 5/8" | 16 1/2" | 2 1/4" | 1 3/4" RH | 1 1/2" LH | 6" | Front | -6 |
| 8005-3HM | 2 | 1 1/4" | 82 | 16 | 19 5/8" | 16 1/2" | 2 1/4" | 1 3/4" RH | 1 1/2" LH | - | Front | -6 |
| 8005-3KA | 2 | 1 1/4" | 82 | 16 | 26" | 16 1/2" | 2 1/4" | 1 1/2" RH | 1 1/2" LH | 6" | Saddle | -10A |
| 8005-3KM | 2 | 1 1/4" | 82 | 16 | 26" | 16 1/2" | 2 1/4" | 1 1/2" RH | 1 1/2" LH | - | Saddle | -10A |
| 8005-4AA | 2 | 1 1/4" | 82 | 16 | 17" | 16 1/2" | 2 5/8" | 1 1/2" RH | 1 3/4" RH | 6" | Front | -1 |
| 8005-4CA | 2 | 1 1/4" | 82 | 16 | 17" | 16 1/2" | 2 5/8" | 1 1/2" RH | 1 3/4" RH | 6" | Front | -1 |

*Note: Thicker than original radiators may require a shorter fan spacer. Check for a minimum of 1/2" clearance (1" preferred) between the fan and radiator core BEFORE you start your engine! The use of a different length of fan spacer can easily remedy this. Thicker than original radiators may also need modifications to the saddle mounts to fit the thicker tanks and for the location of the drain cocks. 67's using 24" extra cooling radiators, brass or aluminum, will require the use of 68-70 lower mounts (8052-1A, 1B, 1C) for a proper mounting.

Aluminum radiators and heater cores require 50/50 mix coolant replacement at least every 24 months or 30,000 miles to maintain the necessary silicate levels that prevent corrosion in aluminum.

Core ct= # of core columns, Fin Ct=# fins/inch (estimated). @\$60 fixed shipping charge due to package size and weight.

^ Sleeve included to adapt to 1 3/4" inlet pipe. The sleeve is hidden inside the expanded foam packing material.



RADIATOR, Aluminum

By Champion Cooling

High density core, all aluminum, higher fin count, 100% tig welded-no epoxy, limited lifetime manufacturer warranty. Modification to 67-70 saddle mounts may be required to properly secure radiator. 67-70 3 & 4 row radiators may require modification to the saddle mounts or insulators for a correct fit. Heavy duty welded tanks for strength and a smooth custom look. Polish up them for a real eye catching appearance!

Cold Case by Max Performance

High efficiency. Stamped and polished tanks with OE look on 67-70 24" tanks. OE mounting. 100% TIG welded no epoxy used anywhere. Lifetime manufacturers warranty. The oversize tube design of these radiators gives them a 10% cooling advantage over other 4 row options and 20% over other 3 row options. Drain cock is included and a factory fan shroud for the same application will fit. All radiators specified as automatic trans will fit cars with manual transmissions. See also Cold-Case Fan kits with shrouds, wiring and electric fans in one custom engineered unit.



Ready-Rad®

Ready-Rad by Vista-Pro is the new entity that used to be known as Proliance and Modine. The highest quality replacement radiators with a history rooted in being the original supplier to Ford in the 1960's and 70's.

U.S. Radiator -Super H.E.

Super High Efficiency radiators by U.S. Radiator feature OE style tanks with a copper & brass 3 row core. Cores utilize oversize tubes and high fin counts to provide a 20% increase in efficiency over the standard cores in a compact 3 row package with OEM styled tanks and top quality materials. Made in the USA!

Imported replacement radiators

These are copper/brass constructed with tanks and brackets that look similar to the originals although they are not to be considered as concours correct. The designs are modified for optimal performance with larger tubes and a higher fin counts than the originals. Durability is also improved with a 98% minimum copper purity standard to ensure strength.