

R12 → R134a

Charge Conversion Table

Original R12 Charge	R134a Charge (80%)	R134a Range (75–90%)
16 oz R12	12.8 oz R134a	12–14.4 oz
18 oz R12	14.4 oz R134a	13.5–16.2 oz
20 oz R12	16 oz R134a	15–18 oz
24 oz R12	19.2 oz R134a	18–21.6 oz
28 oz R12	22.4 oz R134a	21–25.2 oz
32 oz R12	25.6 oz R134a	24–28.8 oz
36 oz R12	28.8 oz R134a	27–32.4 oz
40 oz R12	32 oz R134a	30–36 oz
48 oz R12	38.4 oz R134a	36–43.2 oz
64 oz R12	51.2 oz R134a	48–57.6 oz

Temperature & Pressure Comparison (General Behavior)

Condition	R12 (PSI)	R134a (PSI)
Low-side (running)	25–35 psi	28–40 psi
High-side (running)	150–250 psi	175–300 psi