

$$\begin{aligned}
 \text{Leak rate} &= \frac{\text{pounds of refrigerant added}}{\text{pounds of refrigerant}} \times \frac{365 \text{ days/year}}{\text{shorter of: \# days since}} \times 100\% \\
 (\% \text{ per year}) & \qquad \qquad \qquad \text{in full charge} \qquad \qquad \qquad \text{refrigerant last added or 365 days}
 \end{aligned}$$