

Original figure 175 gallons/hour

"Unity fraction" $\frac{3.7854 \text{ liters}}{1 \text{ gallon}}$

"Unity fraction" $\frac{24 \text{ hours}}{1 \text{ day}}$

... cancelling units ...

$\frac{175 \cancel{\text{ gallons}}}{1 \cancel{\text{ hour}}}$ $\frac{3.7854 \text{ liters}}{1 \cancel{\text{ gallon}}}$ $\frac{24 \cancel{\text{ hours}}}{1 \text{ day}}$

Converted figure 15,898.68 liters/day