Learning Activity

Products of Incomplete Combustion



Match the propane combustion ratio to its correct description. Check your work on page 251.

ANSWER

LEAN BURN

support combustion. This ratio will cause appliances to operate inefficiently and The leanest gas-air mixture that will eventually stop burning.

IDEAL BURN

ratio of 1 part propane to 24 parts air plus carbon dioxide, which are produced by a The ideal gas-air mixture for efficient combustion include water vapor and combustion. Products of complete an ignition temperature of 920°F.

RICH BURN

The most dangerous gas-air mixture to excessive water vapor, aldehydes, and incomplete combustion include soot, carbon monoxide, a highly toxic gas. support combustion. Products of







2.15% PROPANE