MAKEUP AIR APPROACH

# HOOD SYSTEM BASICS



Smoke, Grease, & Heat Going Out

Roof

Makeup Air Unit

Exhaust Fan

Replacement Supply Air Going In

Grease Duct

Supply Duct

Kitchen

Hood

PSP

CORE Water Based Fire System

Control Package

System Controls

FANS ON    LIGHTS ON

Cooking Equipment
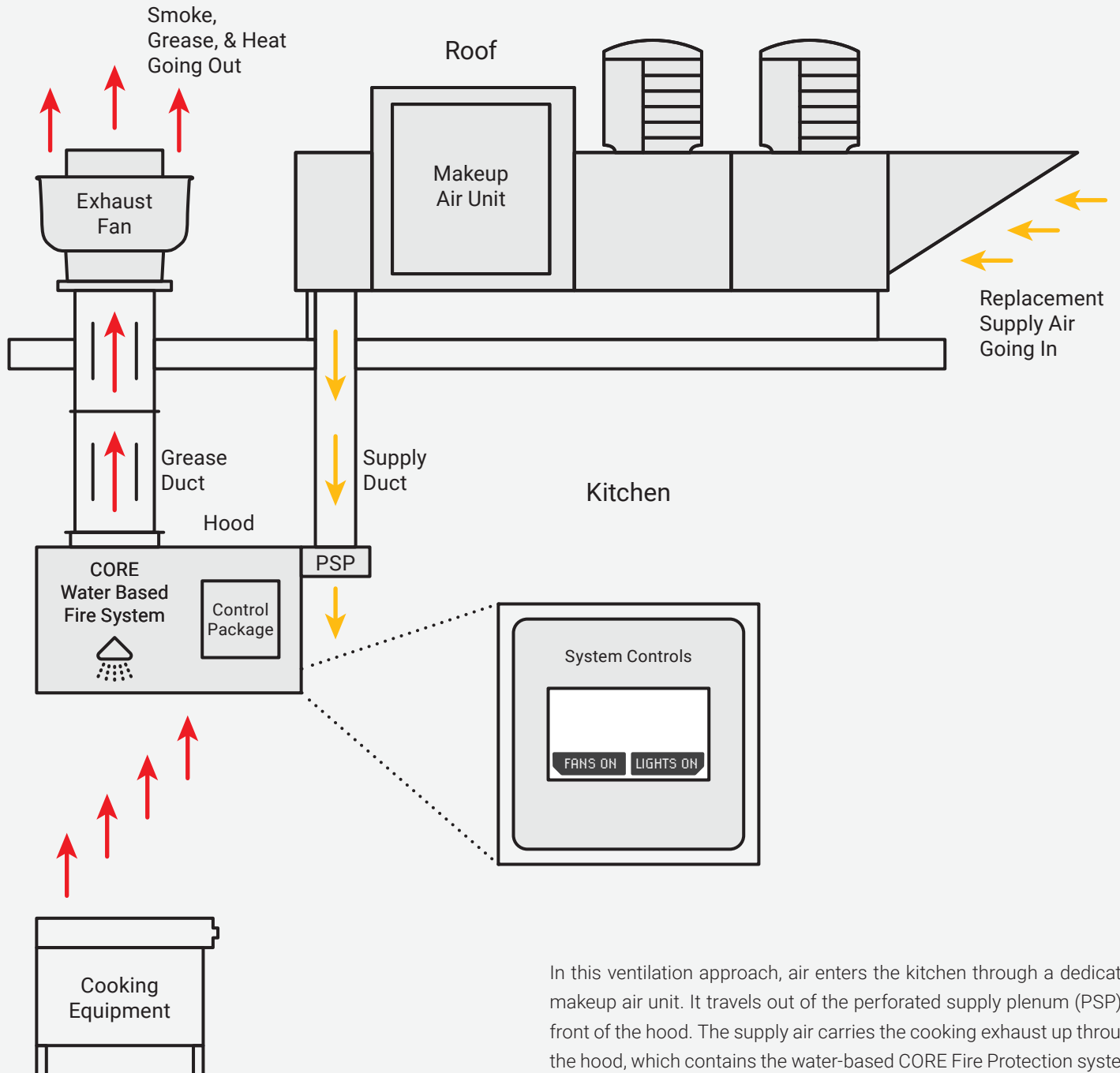
In this ventilation approach, air enters the kitchen through a dedicated makeup air unit. It travels out of the perforated supply plenum (PSP) in front of the hood. The supply air carries the cooking exhaust up through the hood, which contains the water-based CORE Fire Protection system, and exits out of the exhaust fan.