

# PANDEMIC-AWARE HOME DESIGN

The next generation of resilient home will need to address new threats such as Pandemics, power outages and food insecurity.
We'll cover these in more detail on page 30. Here's a quick checklist:

## **SMARTER BATHROOMS**

From UVC virus-killing lights to self-closing toilet lids, next generation bathrooms allow homeowner to reduce the risk of family transmission of disease.

# **ISOLATION ROOMS**

When one family member is sick, many HVAC systems could quickly spread contagions throughout the home. Zoning the home with smart dampers or choosing individual heating modules such as heat pumps can minimize the risk of spread.

#### FOOD SECURITY

During long periods of quarantine or "social isolation," the quantity and quality of food becomes a priority concern. Homes may require additional refrigeration, storage space for supplies and generator or batter backups to keep systems operating in a prolonged power outage.

# WATER ACCESS AND PURIFICATION

Fresh drinking water is even more important than food during a long quarantine. Resilient homes include water filtration, and, if possible, a backup method of acquiring water, such as a well or rainwater collection.

## HOME SECURITY

As much to reduce anxiety as to head off real threats, home security systems can deter looters, alert residents to trespassers and alert local authorities if a real breach happens. New systems include camera surveillance and allow for remote monitoring and interaction with mail carriers and visitors as well.

# **ENERGY EFFICIENCY**

A home that requires less energy to heat, cool and power is simply a safer place to be when the world is in chaos. If resources become tight, there will be less belt tightening necessary to survive and stay safe