

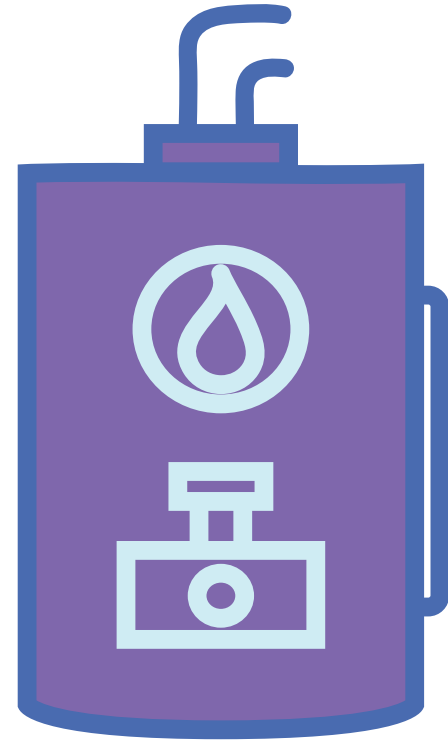
# Air District Appliance Rules – FURNACES AND WATER HEATERS

Amendments to two Air District rules will support improvements to regional air quality and public health –

**Regulation 9, Rule 4:**  
**Nitrogen Oxides from Fan Type Residential Central Furnaces**



**Regulation 9, Rule 6:**  
**Nitrogen Oxides Emissions from Natural Gas-Fired Boilers and Water Heaters.**

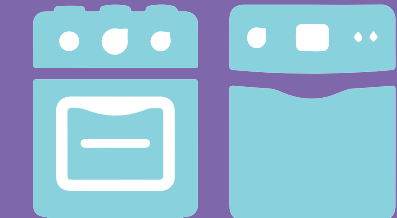


These rule amendments will apply only to newly installed appliances (i.e. new construction or replacements), and DO NOT mandate retrofitting of existing appliances before the end of their useful life. Non-compliant appliances are not to be made available for purchase and/or installation.

Currently, the only zero NO<sub>x</sub> appliances available to meet these standards are electric.



The rule changes WILL NOT apply to other common gas appliances, such as those used for cooking and laundry drying.



## COMPLIANCE TIMELINE

Only zero NO<sub>x</sub> appliances to be sold or installed in the Bay Area

2027

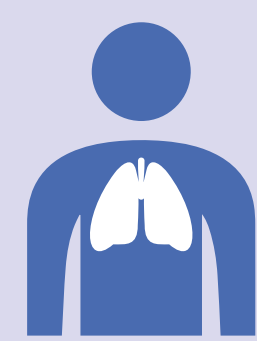
**Water Heaters**  
 (<75kBtu/hr)  
 Generally units with a 75 gal tank or less, i.e. residential

2029

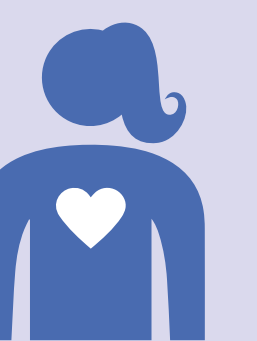
**Furnaces**  
 All common types and sizes

2031

**Water heaters**  
 (75kBtu/hr to 2 million BTU/hr)  
 Generally multifamily and commercial boilers

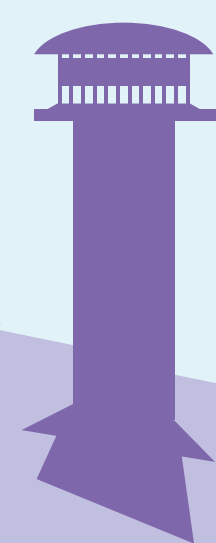


## PUBLIC HEALTH BENEFITS



The amended rules will affect Bay Area households that use natural gas appliances – roughly 2/3 of all households currently – and will:

## IMPROVE OVERALL REGIONAL AIR QUALITY



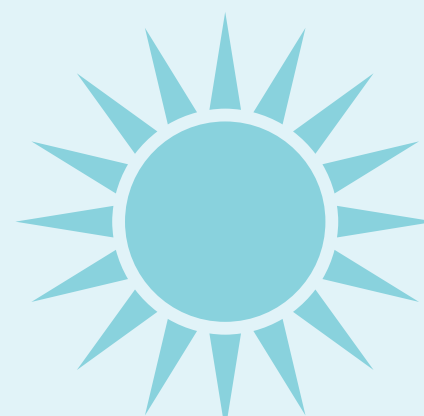
FROM THE OUTDOOR VENTING OF THESE APPLIANCES

## PREVENT

UP TO **85** PREMATURE DEATHS PER YEAR



For more information:  
[baaqmd.gov/building-appliances](http://baaqmd.gov/building-appliances)



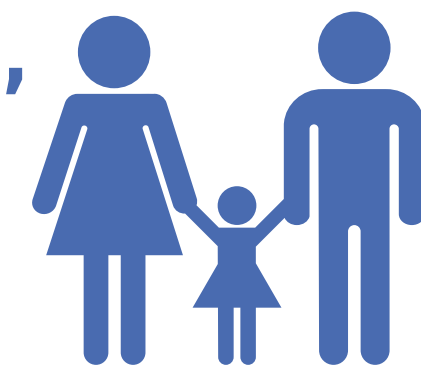
BAY AREA AIR QUALITY MANAGEMENT DISTRICT

BAAQMD.gov

## LOWER FINE PARTICULATE MATTER

**PM<sub>2.5</sub>**

EXPOSURE, PARTICULARLY IN COMMUNITIES OF COLOR



## AVOID UP TO

**\$890M** PER YEAR IN HEALTH IMPACTS DUE TO AIR POLLUTION EXPOSURE

## What resources or support do local jurisdictions need given the upcoming rules?

For hard cases, offer a \$999.00 permit to pollute. Use funds to support low income installs.

Ways CCAs can help local communities make this transition?

Communications toolkit  
 Complementary policies - how can cities adapt  
 info on what stakeholders in our city have been engaged to jumpstart or lead outreach

Having educational materials about new regulations part of permitting process

Considerations for "black market" for gas water heaters?