



# NESCAUM BUILDINGS TASK FORCE

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September 8, 2022



# Carrier's Environmental Commitment

## Healthy Buildings



## Smart Cold Chain



REDUCE OUR CUSTOMERS' CARBON FOOTPRINT BY MORE THAN  
**1 GIGATON.**

### ENVIRONMENTAL



**~68M**  
metric tons of GREENHOUSE  
GAS EMISSIONS AVOIDED from  
products sold and avoided food  
waste in 2020



**17%**  
REDUCTION IN GREENHOUSE  
GAS EMISSIONS since 2015



**44%**  
REDUCTION IN WATER  
CONSUMPTION since 2015



**23%**  
REDUCTION IN HAZARDOUS  
WASTE GENERATION since 2015



**94%**  
Nonhazardous  
WASTE RECYCLED in 2020



# Market Segments

## Residential Products



## Light CML Equipment



## Applied Equipment



# Demand increasing but challenges exists

## Building Owner Replacement Cost



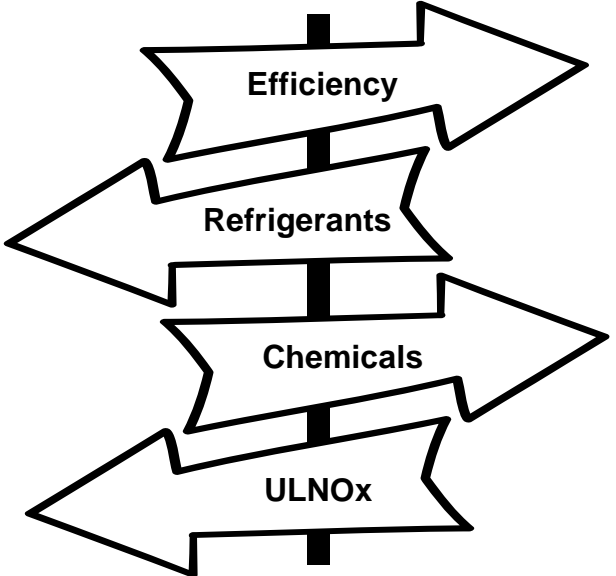
## Contractor Point of Sale



## Technician Availability



## Manufacturer Regulatory Demands



## R&D and Manufacturing Capacity

# Ultra Low NOx Regulations

Major R&D program for OEMs

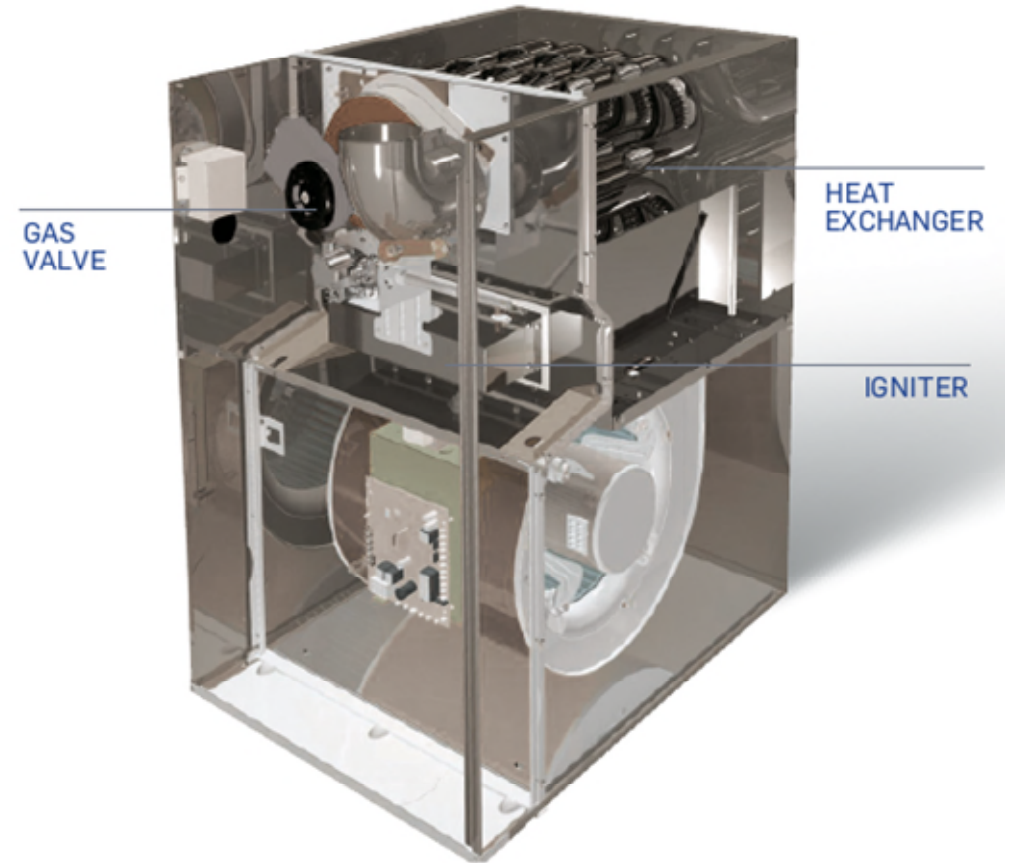
Complete redesign of furnace

Less furnace models available

Significant cost increase

Proper installation more critical

Expansion of regulatory requirements negatively impacts electrification goals



# Policy Considerations

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**Key Output:** Predictable policies that support achievable demand curve

**Actions to consider:**

- Align regulatory objectives
- Set compliance dates that account for capacity ramp up lead times
- Financial support for contractor training and recruitment
- Financial support for building owners to offset increase replacement cost



THANK YOU