

# DESIGN SOLUTION

1 Smooth, subtle ridges around the burners allow for safe and easy burner navigation.

- cool to touch
- easily cleaned
- illuminate when burner is hot

2 Positioning the knob navigation to the side strategically prevents safety hazards for the visually impaired.

3 ALL burner information is communicated via multiple tactile and visual cues in the knob control panel.

- Knob height corresponds to heat level
- Knob size reflects burner size
- Intuitive layout indicates burner/knob correspondence
- Knob ridge illuminates red when burner is active

Push-in, pop-out knob mechanism activates burner, when turned off knob remains raised and descends as heat level lowers.



4 Subtle notches and clicks in the knob interaction give tactile and audio cues to the heat level.



[smaller burner is off, larger burner is off but still hot]

5 The ridged space provides better organization by providing a designated area for resting a utensil, a hot pot, or even an egg.

6 The design meets traditional stove dimensions and standards while still meeting the needs of those with or without visual impairment.

