

Ceiling Fan Control

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Original pull string control provides poor feed forward since it is hard to distinguish between the control for light and the one for fan. Additionally, the pull string does not indicate its current state (Off, Medium, High), which leads to poor feed-forward and feedback.



The ceiling fan control redesign replaces the original pull string mechanism with wall control. The new control resembles the shape of the ceiling fan, with a push button in the center to turn on/off the light and a rotary switch with three 'fan blades'. Both controls provides clear feed forward by their shape. The rotary switch has an arrow that can point to three different modes (labeled by 'Off', 'Medium' and 'High'). Therefore, even though sometimes it's hard to tell the mode by observing speed of the fan, the switch can always serve as a indication of the current mode, providing both feed forward and feedback to the user.