

BENEFITS

- **Convenience**—automatically turn off a bathroom fan that was left running
- **Economic**—save energy by turning off fans automatically without having to depend on remembering to turn them off later
- **Comfort**—control bathroom steam without wasting energy or making extra trips to the fan switch
- **Easily installed using:**
 - 1 SW-711
 - 1 TIM-01
 - 1 Multi-button controller



WHAT IS A KILLER APPLLET?

"Killer App" is industry jargon for an application that persuades users to buy the system it runs on.

There is no single killer app for home control, but there are many Killer Applets — UPB-based applications that can satisfy your individual needs.

Take a look at our collection of Killer Applets and we think you'll agree: home automation using UPB is the right choice to enhance the safety, security, and comfort of your home.

For UPB product information email us at:

info@webmtn.com.

For immediate attention call: **720-207-9174**.

Turn off a bathroom fan automatically

BASIC BATHROOM FAN control involves starting a countdown timer as soon as the bathroom fan is turned on, then automatically turning it off after a pre-determined delay time has elapsed (see the Killer Applet titled "Bathroom Fan Control"). A more elegant approach is to start the delay timer when the user hits the fan switch to turn it off. Instead of actually turning the fan off when that happens, start a delay timer that will turn the switch off a few minutes after the user has indicated that he is done with the bathroom.

Install an SW-711 wall switch in place of the wall switch that now controls your bathroom fan. It's very important that you use UPStart to program this switch for simple on/off operation. This switch is not intended to be used as a variable speed controller for any type of fan, so failure to do this will put your equipment at risk and void your warranties on the switch and the fan. **YOU MUST DISABLE THE DIMMER CAPABILITY OF THIS SWITCH.**

Now use UPStart to have the switch send links externally. Do not use use Link241 for this purpose. Change the switch settings so the top rocker sends a Linkxxx Activate (other than 241) and the bottom rocker sends a Linkyyy Deactivate. In addition, remove the Link241 from the receive table, and add Linkxxx and Linkzzz to the receive table. On an Activate of either of those Links, have the load snap to 100%.

Now set up a trigger on your TIM-01 timer to set a countdown timer in action anytime a Linkyyy Deactivate is seen on the powerline. Set up your preferred delay time, then have the trigger function issue a Linkzzz Deactivate after that delay time is up.

As a final touch, you could set up the SW-711 so when a user double-tapped the bottom rocker it would send a Linkyyy Activate. Now setup another trigger on the TIM-01 timer that looks for a Linkyyy Activate and sends out a Linkzzz Deactivate without any delay. Now the user has the option of turning off the fan immediately by double-tapping the bottom rocker.

You can optionally control the fan from anywhere in the house with a multi-button controller.

