

Performance Specifications

FS-3850



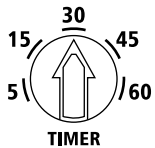
Fan Control

FS-3875



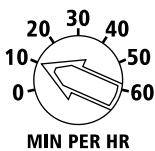
Fan and Light Control

This timer is designed to give you all the options, all the control you need, to make sure your bathroom, laundry room, sun room, or spa room gets all the ventilation it should have. It's really two timers in one: A countdown timer and a fresh home / Minutes Per Hour (MPH) timer — and, best of all, the two timers work together. The countdown timer can be set anywhere from 5 to 60 minutes, and it activates any time you manually turn the fan on. The MPH timer can be set to anywhere from 0 to 60 minutes, and it runs your fan for a set time every hour to expel stale air and help you maintain good indoor air quality (just the thing for complying with local indoor air quality standards, such as ASHRAE 62.2). The MPH timer also sees when you've used the countdown timer and knows not to run the fan for a while if you've already done it. If you want to manually shut the fan off when the MPH timer is running, you can do that too, just by pressing the fan on/off button.



Countdown Timer

Pressing "Fan ON/OFF" switches the fan (and the blue LED light) ON and OFF. When the fan is turned ON manually, the countdown timer will run your fan for your selected period of time, then shut your fan OFF for you. For optimal use, we recommend adding together the time it takes you to shower with the time it takes your bathroom to dry off after you shower, then using that total as your setting for this timer.



Minutes Per Hour (MPH) Timer

This timer runs your fan for a selected amount of time every hour, to help ensure good indoor air quality (it's also designed to help you more easily comply with indoor air quality standards). For example, set to "0", the MPH timer will never turn on. Set to "10", the MPH timer will turn your fan on 10 minutes every hour. Set to "60", the MPH timer will run your fan all the time.

Specification	FS-3850
Color Options	White or Light Almond
Electrical Input	120 volts AC @ 60Hz
Dry Contact Switching	24 volts AC input/output
Maximum Fan Load	6 Amps
Connections (4-Wire)	#14 or #12 copper wire

Specification	FS-3875
Color Options	White or Light Almond
Electrical Input	120 volts @ 60Hz
Maximum Fan Load	6 Amps
Connections (5-Wire)	#14 or #12 copper wire
Max. Fluorescent Light Load	400 watt
Max. Incandescent Light Load	600 watt
Max. LED/CFL Load	150 watt



Performance Specifications

How Both Timers Work Together

Credits: The MPH timer is also programmed to give you "credits" for manual use. For example, if you manually run the fan for 10 minutes, and the MPH timer is set to 20 MPH, then the MPH timer will only run your fan for 10 minutes over the next hour, because you've already taken care of the rest. And this works within a rolling 3 hour window of time. For example, if the MPH timer is set to run your fan for 10 minutes per hour, and you run your fan manually for 40 minutes, the MPH timer will take 30 of the 40 minutes (discarding the extra 10 minutes) and recognize that it doesn't need to run the fan for the next three hours. And, if you run your fan for 40 minutes again sometime within the next 3 hours, the MPH timer will roll that forward and again not run your fan for the next 3 hours, starting from this latest manual use.

Manual ON: If the MPH timer has your fan ON when you want to use the countdown timer for a shower or bath, pressing the "Fan ON/OFF" button twice will cancel the MPH timer and start the countdown timer in it's place.

Manual OFF: If the MPH timer has your fan ON, and you manually turn it OFF, that cancels out the MPH timer for the hour (the MPH timer will resume normal function after one hour).

Multi Timer Fan Control

GTR Technologies has developed a better timer control. The Multi Timer has two adjustable timer settings. The first is a countdown timer for manual use — when it's manually turned ON, this timer will run the fan for an owner-selected time-period (from 1 minute to 60 minutes). The second timer is a minutes per hour timer — set this timer to have the fan or ventilation system come ON for a set amount of time every hour. This will provide constant and controlled ventilation every hour, while still allowing manual timer use.

Multi Timer helps meet ASHRAE 62.2

Stale air and poor indoor air quality have long been an issue in commercial buildings, as well as in many air-tight home environments. The new ASHRAE 62.2 standard addresses this problem by requiring as much as 24/7 fan operation. ReVent's new Multi Timer is perfect for this because it allows any CFM ventilation fan to be used to meet the ASHRAE standard. For example, using an 80 CFM fan and setting the Multi Timer to run 30 minutes per hour will instantly make it equivalent to a 40 CFM fan running 24/7. The Multi Timer will also credit any manual use time to the next hour's operation (up to 3 hours ahead). This credit for manual use will save energy by conserving heated or cooled air.