

Smarter Bathroom Ventilation Beyond The Basic Exhaust Fan



Category	Description	Examples	Benefits
Standard Exhaust Fans	Traditional, manually operated fans with fixed-speed functionality, often dependent on consistent user behavior.	Basic on/off exhaust fans	Cost-effective, straightforward installation
Smart Switches	Wall controls equipped with humidity-sensing and occupancy-detection capabilities to automate fan operation.	Lutron Maestro, humidity-sensing switches	Energy efficient, reduces mold risks, and automates moisture management
Integrated Smart Fans	Fans with built-in sensor arrays for humidity, temperature, and airflow adjustments.	Panasonic WhisperChoice, pick-a-flow ventilation units	Accurate moisture control, multi-speed operation, quiet performance
Occupancy-Based Ventilation	Systems that automatically activate based on motion or presence detection, with programmable run times.	Combined occupancy and humidity sensors	Ensures consistent operation, ideal for high-traffic and aging-in-place scenarios
All-In-One Smart Units	Bath fans combining features like LED lighting, heaters, speakers, and smart home integration.	Broan-NuTone multifunction fans	Advanced automation, added comfort, integrated smart home functionality
Whole-House Ventilation Systems	Centralized HRV or ERV systems for balanced home-wide air quality management.	Heat Recovery Ventilators, Energy Recovery Ventilators	Energy efficient, comprehensive air quality control, heat recovery reduces HVAC loads