

# Bathroom Fan Ratings - Code Compliance Brief

## Overview:

If the bathroom fan is part of the whole-house mechanical ventilation system (WHMV), there are code provisions that should be verified during plan review and field inspection depending upon codes enforced in your jurisdiction.

## Plan Review:

- Review fan specifications meet cfm and cfm/W (efficacy/energy efficiency)

2012 IECC, Table 403.5.1

Fan Location	Airflow Rate	Minimum Efficacy	Airflow Rate
	Minimum (cfm)	(cfm/W)	Maximum (cfm)
Bathroom, utility room	10	1.4	<90
Bathroom, utility room	90	2.8	Any

- Verify all fans that are part of the WHMV meet efficacy requirements

## Field Inspection:

- Confirm fan(s) meet the approved efficacy (matches what was plan reviewed)

Note: the cfm/W might not be shown on the fan (label), refer to technical specifications.

## Technical Validation(s):

Building Energy Codes Program -

Code Note - Residential Fan Efficiency

[http://www.energycodes.gov/sites/default/files/documents/cn\\_residential\\_...](http://www.energycodes.gov/sites/default/files/documents/cn_residential_...) [1]