

**(Effective until March 15, 2024)**

**WAC 51-11R-40351 Table R403.6.1—Mechanical ventilation system fan efficacy.**

**TABLE R403.6.1  
MECHANICAL VENTILATION SYSTEM FAN EFFICACY<sup>a</sup>**

Fan Location	Air Flow Rate Minimum (cfm)	Minimum Efficacy (cfm/watt)	Air Flow Rate Maximum (cfm)
HRV or ERV	Any	1.2 cfm/watt	Any
Range hoods	Any	2.8	Any
In-line fan	Any	2.8	Any
Bathroom, utility room	10	1.4	< 90
Bathroom, utility room	90	2.8	Any

For SI: 1 cfm = 28.3 L/min.  
a. When tested in accordance with HVI Standard 916.

[Statutory Authority: RCW 19.27A.045 and chapter 19.27A RCW. WSR 20-21-081, § 51-11R-40351, filed 10/19/20, effective 2/1/21. Statutory Authority: RCW 19.27A.020, 19.27A.045, 19.27A.160 and chapter 19.27 RCW. WSR 20-01-047, § 51-11R-40351, filed 12/9/19, effective 7/1/20. Statutory Authority: RCW 19.27A.020, 19.27A.045, 19.27A.160, and 19.27.074. WSR 16-02-127, § 51-11R-40351, filed 1/6/16, effective 7/1/16. Statutory Authority: RCW 19.27A.020, 19.27A.045 and chapters 19.27 and 34.05 RCW. WSR 13-04-055, § 51-11R-40351, filed 2/1/13, effective 7/1/13.]

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**WAC 51-11R-40351 Table R403.6.1—Mechanical ventilation system fan efficacy.**

**TABLE R403.6.1  
WHOLE HOUSE MECHANICAL VENTILATION SYSTEM FAN EFFICACY<sup>a</sup>**

System Type	Air Flow Rate (cfm)	Minimum Efficacy (cfm/watt)
HRV, ERV or balanced	Any	1.2
Range hoods	Any	2.8
In-line supply or exhaust fan	Any	3.8
Other exhaust fan	<90	2.8
Other exhaust fan	≥90	3.5

For SI: 1 cfm = 28.3 L/min.  
a. Design outdoor or exhausted airflow rates/watt of fan used.

[Statutory Authority: RCW 19.27A.020, 19.27A.045, 19.27A.160, and chapter 19.27A RCW. WSR 23-02-060, 23-12-102, and 23-20-022, § 51-11R-40351, filed 1/3/23, 6/7/23, and 9/25/23, effective 3/15/24. Statutory Authority: RCW 19.27A.045 and chapter 19.27A RCW. WSR 20-21-081, § 51-11R-40351, filed 10/19/20, effective 2/1/21. Statutory Authority: RCW 19.27A.020, 19.27A.045, 19.27A.160 and chapter 19.27 RCW. WSR 20-01-047, § 51-11R-40351, filed 12/9/19, effective 7/1/20. Statutory Authority: RCW 19.27A.020, 19.27A.045, 19.27A.160, and 19.27.074. WSR 16-02-127, § 51-11R-40351, filed 1/6/16, effective

7/1/16. Statutory Authority: RCW 19.27A.020, 19.27A.045 and chapters 19.27 and 34.05 RCW. WSR 13-04-055, § 51-11R-40351, filed 2/1/13, effective 7/1/13.]