



2015 Mechanical & Energy Code

Ventilation, Make-up, and Combustion Air Calculations

Please submit at time of application of a mechanical permit for new construction.

This form must be posted at the job site at the time of the rough-in inspection.

Site Address _____ Date _____

Contractor _____ By _____

A. Ventilation Quantity *Determine quantity by using Table R403.5.2 or Equation R403.5.2, 2015 Minnesota Energy Code.*

Square Feet _____ Total Required Ventilation _____
(conditioned area including basement, finished or unfinished)

Number of Bedrooms _____ Continuous Ventilation _____

B. Ventilation Method *Choose either balanced or exhaust only.*

Balanced, HRV *Heat Recovery Ventilator/ERV Energy Recovery Ventilator*

Low cfm _____ High cfm _____
Unit cfm cannot exceed continuous ventilation rating by more than 100%.

Balanced powered intake and exhaust

Continuous fan rating in cfm _____
Capacity cannot exceed continuous ventilation rating by more than 100%.

C. Ventilation Fan Schedule

Description	Location	Continuous	Total Ventilation
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

D. Controls *Describe operation and control of the continuous ventilation.*

E. Make-up air for exhaust appliances in dwelling units *Determined from MN Mechanical Code, Table 501.4.2*

Passive Powered Interlocked with exhaust device Other, describe _____

Location of duct or system ventilation make-up air _____
Determined from make-up air opening table. Make-up air requirements of 175 cfm and greater must meet requirements of MMC 2015, Section 501.4.2.3.

Unit cfm _____ Size and type (round, rectangular, flex, or rigid) _____

F. Make-up air for combustion

Not required per mechanical code *No atmospheric or power vented appliances.* Passive *(see IFGC Appendix E, Worksheet E-1)* Other, describe:
Size and Type _____