



## Residential Mechanical Ventilation System Installation Data – CSA Standard CAN / CSA-F326

Copies to:

- Purchaser
- Authority Having Jurisdiction
- Manufacturer
- Installing Contractor

Location of Installation:	Installing Contractor:
Name _____	Name _____
Address _____	Address _____ Permit No. _____
City & Province _____	City & Province _____
Phone No. _____	Phone No. _____ Date _____

**The following items 1.0 through to 1.4 must be completed for Building Permit Application. (Items 1.5 through to 3.6 must be completed and signed for Final Inspection)**

**1.0 Ventilation Characteristics**

1.1 Volume of habitable space including basement \_\_\_\_\_ m<sup>3</sup> (A)

1.2 Required Ventilation

Either – Master bedroom \_\_\_\_\_ 10L/s

- Other bedrooms,  
Kitchen, dining room \_\_\_ rooms at 5 L/s \_\_\_\_\_

Family, recreation room  
- Basement – at 10 L/s and / or \_\_\_\_\_ L/s  
\_\_\_\_\_ Rooms at 5 L/s \_\_\_\_\_ L/s

Total \_\_\_\_\_ L/s (B)

Or Habitable Space (A) ÷ 12 \_\_\_\_\_ L/s (C)

(letters in brackets refer to values in the right hand column)

1.3 Designed ventilation rate \_\_\_\_\_ L/s

(Use the higher number calculated under the two methods of line item 1.2 (B and C))

1.4 Controls

The ventilation system shall be equipped with a means to adjust the Design ventilation rate with at least one setting which is less than 60% and not less than 40% of the Design ventilation rate (line item 1.3). The ventilation system shall also enable the occupant to shut off the system (if desired) and be clearly labelled in a readily accessible location. Confirm reduced setting ventilation rate chosen- \_\_\_\_\_ L/s

**The following items 1.5 through to 3.6 must be completed and signed for Final Inspection.**

1.5 Actual measurement of total outdoor air supply \_\_\_\_\_ L/s (D)  
House ventilation capacity: exhaust \_\_\_\_\_ L/s (E)

[Note that not all systems require both a centralized supply and an exhaust. Either supply or exhaust must be measured. If only one is measured, the other must be determined by design for completion of 3.5.1(c)]

Method used for airflow measurement \_\_\_\_\_

**2.0 Ventilation Check**

- 2.1 To comply with the Standard, Item (D) or (E) should be equal to or greater than the larger of Item (B) or (C)
- 2.2 If the system includes a heat recovery ventilator, the lesser of Item (D) or (E) shall be 90% or more of the greater of Item (D) or (E), or shall comply with the value recommended by the manufacturer [see Clause 8.13.3(d)]
- 2.3 Air supply and / or exhaust from all rooms
- 2.4 Air exhaust from kitchen and bathrooms directly to outside operating
- 2.5 Controls operating and adjustable for all modes of operation
- 2.6 Noise and vibration within reasonable limits
- 2.7 Supply air inlet(s) located to minimize possibility of admitting contaminated air

**3.0 Pressure Check**

- 3.1 Depressurization
  - Classification of combustion system (if installed):
    - 5Pa (e.g., open fireplace, standard gas DHW)
    - OR** \_\_\_ Pa manufacturer's rated listing
    - If ventilation system is balanced go to Clause 3.3
    - If not balanced go to next section.
- 3.2 With ventilation system operating:
  - Compliance with depressurization limit determined by
    - i) Design  or ii) Test  (Check one)
- 3.3 With ventilation system operating plus dryer plus one exhaust fan:
  - Compliance with depressurization limit determined by
    - i) Design  or ii) Test  (Check one)
- 3.4 Make-up air not required 
  - OR** required, properly sized and installed



3.5 Pressurization

- 3.5.1 Allowable excess of outdoor air intake  
 (a) Interior surface area of dwelling unit \_\_\_\_\_ m<sup>2</sup> (F)  
 (b) Maximum allowable excess of outdoor air intake: (F) x 0.12 \_\_\_\_\_ L/s (G)  
 (c) Actual excess of outdoor air intakes: (D) – (E) \_\_\_\_\_ L/s (H)  
 (d) System complies with allowable excess of outdoor air intake: [(H) not greater than (G)] \_\_\_\_\_

3.5.2. Pressure increase [Clause 6.1(b)]

System does not pressurize house beyond 10 Pa

and / or beyond specified limit for vented combustion appliance

Compliance with pressurization limits determined by

i) Design  or ii) Test  (Check one)

3.6 Relief Air Not Required

or required, properly sized and installed

Purchaser has:

Received instruction on the operation of the equipment

Received warranty data

Received operation and maintenance manuals

Received advice and caution regarding combustion air, if applicable.

Purchaser Signature \_\_\_\_\_ Date \_\_\_\_\_

Installation Contractor Start-up Certification

I hereby certify that this ventilation system was installed in accordance with CSA Standard CAN/CSA-F326, *Residential Mechanical Ventilation System*

Contractor Signature \_\_\_\_\_ Date \_\_\_\_\_