

CSA STANDARD F280-12 COMPLIANCE

NBC 2015: 9.33.5.1.; 9.36.3.2. & 9.36.5.15; NBC 2020: 9.33.5.1.; 9.36.3.2.; 9.36.5.15 (5); 9.36.8.9. (1);

CSA F280-12
Form Set Ver 24.10

These documents issued for the use of _____
and may not be used by any other persons without authorization. Documents for permit and/or construction are signed in red.

PROJECT #

BUILDING LOCATION

| | |
|------------------|--------------|
| Model: | Site: |
| Address: | Lot: |
| City & Province: | Postal Code: |

COMPLIANCE

(See page 2 for input summary and page 3 for room by room values)

Submittal is for: Whole house Room by Room Units: Imperial Metric

HEATING

Minimum Heating Capacity: btuh (total building heat loss as per 5.2.7)

- 5.3.1 The total heat output capacity of all heating systems installed in a building shall not be less than 100% of the total building heat loss as determined in Clause 5.2.7.
- 5.3.2 The combined heating delivery of the heating systems that serve a room or space shall not be less than 100% of the space heat loss, as determined in Clause 5.2.6.. (If room by room submittal, see page 2 for individual space heating requirements)

COOLING

Nominal Cooling Capacity: btuh (Nominal Cooling Capacity as per 6.3.1)

Minimum Cooling Capacity: btuh **Maximum Cooling Capacity:** btuh

- 6.3.2 Except as provided in Clause 6.3.3., the cooling system capacity shall not be less than 80% of the nominal cooling capacity for the building, as determined in Clause 6.3.1.. In no case shall it be less than the nominal cooling capacity of the building minus 1800 W (0.51 tons)
- 6.3.3 Where the cooling system is added to an existing heating system, it's capacity in Watts shall not exceed 18 times the capacity of the air-handling capacity of the existing system in L/s. (Cooling capacity in Tons not more than 1.0 per 400 CFM of air handling capacity)
- 6.3.4 Except for ground-source and water source heat pumps used for cooling, and as permitted in Clause 6.3.5, the installed cooling capacity shall not exceed 125% of the nominal cooling capacity for the building, as determined in Clause 6.3.1.
- 6.3.5 If the nominal cooling system capacity for the building, as determined in Clause 6.3.1. is less than 6,000 W (1.7 tons), the installed cooling system capacity may exceed the nominal cooling system capacity for the building by up to 1750 W (0.49 tons).

ATTACHED DOCUMENTS

Design Summary Room by Room Results Other: _____

Other: _____
Notes: _____

CALCULATIONS PERFORMED BY

| | | |
|---------------|---|--|
| Name: | Designers Signature, Stamp Imprint or other certification mark | I, _____ |
| Company: | | have reviewed and take responsibility for the design work described in this document & I am qualified in the appropriate categories. |
| Address: | | Accreditation Reference 1 |
| City & Prov.: | | Accreditation Reference 2 |
| Postal Code: | | Issued for: (date) |
| Phone: | | Issued for: (date) |
| Fax: | | |
| E-mail: | | Page: 1 of |

Area for Software vendors information, logo, contact info, version number etc

