



Setting the Standards for Home Energy Efficiency

**Interpretation:** Natatorium Rooms CSV and CFA

**Designation** IR 301-2019-024

**Approved:** May 28, 2022, by RESNET SDC 300

**Effective Date:** June 27, 2022

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**Reference:** This request for interpretation refers to the requirements presented in Standard: ANSI 301-2019

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Relating to: Definition of Conditioned Space Volume and Conditioned Floor Area



**Background:** *Provided by person requesting the interpretation.*

Natatoriums (indoor pools) are not specifically excluded from the definition of Conditioned Space Volume or Conditioned Floor Area. These spaces may technically be able to meet the setpoints established in the definition, however Natatoriums are designed for an 84 degree set point with most of the heating coming from the water itself. Often, the space conditioning units serving such spaces are mostly dehumidification and economizer. They don't typically generate enough heat to meet setpoint on their own.

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**Interpretation** *Provided by person requesting the interpretation.*

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Because the existing calculations do not take the contributions of the water into account for maintaining setpoint, these spaces should not be included in CSV or CSA.

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**Question:** Is this Interpretation correct?

**SDC Answer:** No

**SDC Comments:**

Where the natatorium is located within the dwelling unit, the CFA and CSV of the natatorium shall be included in the CFA and CSV of the rated home. The pool itself is not a minimum rated feature therefore the equipment associated with the pool (e.g., heating system, pumps, dehumidifier) are not required to be included in the energy rating. The floor area occupied by the pool should be modeled as a slab.

The SDC300 will consider a revision to the CSV definition in the future to make the intent more clear.