



**BSR/ASHRAE Addendum I to
ANSI/ASHRAE Standard 30-2019**

Public Review Draft

Proposed Addendum I to Standard 30-2019, Method of Testing Liquid Chillers

**First Public Review (October 2024)
(Draft shows Proposed Changes to Current Standard)**

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FOREWORD

Insert here...

Addendum X to ANSI/ASHRAE Standard 30-2019

Revise Sections 1 and 2 as shown below.

1. Purpose:

1.1 The purpose of this standard is to prescribe methods of testing to measure the thermal capacity, energy efficiency, and ~~water~~ liquid pressure drop of packaged liquid chiller equipment using a refrigerant vapor compression cycle.

1.2 This standard does not specify methods of establishing published ratings or performance tolerances.

2. Scope:

~~2.1 This standard applies to liquid chilling or liquid heating packaged equipment using any type of compressor, and using the following methods of heat rejection during the cooling cycle:~~

~~(a) air cooled~~

~~(b) evaporatively cooled~~

~~(c) water cooled~~

2.1 This standard applies to the following packaged equipment using any type of compressor:

a. liquid chilling

b. liquid heating

c. simultaneous liquid chilling and liquid heating

2.1.1 Using the following methods of heat rejection during the cooling cycle or heat absorption during the heating cycle:

a. air cooled

b. adiabatically cooled

c. evaporatively cooled

d. liquid cooled

2.2 This standard includes packaged equipment provided in more than one assembly if the separated or remote assemblies are designed to be used together and are connected together during the test.

2.3 This standard does not include the following types of equipment:

(a) self-contained, mechanically refrigerated drinking-water coolers within the scope of ASHRAE Standard 18

(b) unitary water-to-air heat pump equipment within the scope of ASHRAE Standard 37

(c) absorption water chilling packages included within the scope of ASHRAE Standard 182

2.4 This standard does not include testing of chillers in field installations.

- 2.5** This standard does not specify the test operating conditions.
- 2.6** This standard does not specify methods of performance ratings certification.