



ADDENDA

**ANSI/ASHRAE Addendum f to
ANSI/ASHRAE Standard 30-2019**

Method of Testing Liquid Chillers

Approved by ASHRAE and the American National Standards Institute on January 31, 2023.

This addendum was approved by a Standing Standard Project Committee (SSPC) for which the Standards Committee has established a documented program for regular publication of addenda or revisions, including procedures for timely, documented, consensus action on requests for change to any part of the standard. Instructions for how to submit a change can be found on the ASHRAE® website (www.ashrae.org/continuous-maintenance).

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ASHRAE Standing Standard Project Committee 30

Cognizant TCs: 8.2 (Lead), Centrifugal Machines, and 8.5, Liquid-to-Refrigerant Heat Exchangers

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FOREWORD

Addendum f adds a new Informative Appendix C with link to and description of a new Microsoft Excel workbook to facilitate calculations in accordance with Section 8.4.

Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and ~~striketrough~~ (for deletions) unless the instructions specifically mention some other means of indicating the changes.

Addendum f to Standard 30-2019

Add new Informative Appendix C as shown. Reletter existing Normative Appendix C and as Normative Appendix D.

(This appendix is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

INFORMATIVE APPENDIX C WATER PRESSURE DROP ADJUSTMENT WORKSHEET

This appendix provides guidance on the calculations required to determine the additional liquid static pressure drop due to external piping as required in Section 8.4.

Equations included in the worksheet apply only to water, but the structure allows users to easily understand the required inputs for other liquids.

The workbook can be downloaded from ASHRAE at www.ashrae.org/XXXX.

POLICY STATEMENT DEFINING ASHRAE'S CONCERN FOR THE ENVIRONMENTAL IMPACT OF ITS ACTIVITIES

ASHRAE is concerned with the impact of its members' activities on both the indoor and outdoor environment. ASHRAE's members will strive to minimize any possible deleterious effect on the indoor and outdoor environment of the systems and components in their responsibility while maximizing the beneficial effects these systems provide, consistent with accepted Standards and the practical state of the art.

ASHRAE's short-range goal is to ensure that the systems and components within its scope do not impact the indoor and outdoor environment to a greater extent than specified by the Standards and Guidelines as established by itself and other responsible bodies.

As an ongoing goal, ASHRAE will, through its Standards Committee and extensive Technical Committee structure, continue to generate up-to-date Standards and Guidelines where appropriate and adopt, recommend, and promote those new and revised Standards developed by other responsible organizations.

Through its *Handbook*, appropriate chapters will contain up-to-date Standards and design considerations as the material is systematically revised.

ASHRAE will take the lead with respect to dissemination of environmental information of its primary interest and will seek out and disseminate information from other responsible organizations that is pertinent, as guides to updating Standards and Guidelines.

The effects of the design and selection of equipment and systems will be considered within the scope of the system's intended use and expected misuse. The disposal of hazardous materials, if any, will also be considered.

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