



**BSR/ASHRAE Addendum s  
to ANSI/ASHRAE Standard 15-2024**

**First Public Review Draft**  
**Proposed Addendum s to  
Standard 15-2024, Safety Standard  
for Refrigeration Systems**

**First Public Review (December 2025)  
(Draft shows Proposed Changes to Current Standard)**

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(This foreword 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.)

## FOREWORD

*This proposed Addendum revises ANSI/ASHRAE Standard 15-2024 to clarify requirements for application of joints for copper linesets, and expands welded joints to copper tube. ANSI/ASHRAE Standard 15 lists copper lineset as acceptable piping material in Table 9-8, but does not list any acceptable joining methods for copper linesets in Table 9-11. The advancement of and use of orbital arc welding equipment makes welding acceptable for copper tube.*

**Note:** This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~striking through~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.

### Addendum s to Standard 15-2024

***Modify Section 9 as follows. The remainder of Section 9 remains unchanged.***

## 9. DESIGN AND CONSTRUCTION OF REFRIGERATION EQUIPMENT AND SYSTEMS

[ ... ]

**Table 9-11 Allowable Joints**

	Brazed	Mechanical	Flared	Press-Connect	Soldered	Threaded	Welded
Applicable Section	9.11.4.1	9.11.4.2	9.11.4.2.1	9.11.4.2.2	9.11.4.3	9.11.4.4	9.11.4.5
Material							
Aluminum tube	•	•		•			•
Brass pipe	•	•		•		•	•
Copper pipe	•	•		•	•	•	•
Copper tube	•	•	•	•	•		<u>•</u>
<u>Copper lineset</u>	<u>•</u>	<u>•</u>	<u>•</u>	<u>•</u>	<u>•</u>		<u>•</u>
Stainless steel pipe	•	•		•		•	•
Stainless steel tube	•	•	•	•			•
Steel pipe	•	•		•		•	•
Steel tube	•	•	•	•			•