AHRI Standard 300-2025 (SI/I-P)

Sound Rating and Sound Transmission Loss of Packaged Terminal Air-conditioners and Heat Pumps

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Full document details: AHRI Standard 300-2025 - Sound Rating and Sound Transmission Loss of Packaged Terminal Airconditioners and Heat Pumps

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IMPORTANT

SAFETY DISCLAIMER

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AHRI uses its best efforts to develop standards/guidelines employing state-of-the-art and accepted industry practices. AHRI does not certify or guarantee that any tests conducted under its standards/guidelines will be non-hazardous or free from risk.

ICS Code: 17.140.01

Note:

This standard supersedes AHRI Standard 300-2015 (R2021).

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Intent

This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors, and users.

Review and Amendment

This standard is subject to review and amendment as technology advances.

2025 Edition

This edition of AHRI Standard 300*, Sound Rating and Sound Transmission Loss of Packaged Terminal Air-conditioners and Heat Pumps*, was prepared by the 300 Standards Work Group and the Airside Standards Technical Committee. The standard was approved by the Standards Committee on 27 February 2025.

Origin and Development of AHRI Standard 300

The initial publication was ARI Standard 300-1988, *Sound Rating and Transmission Loss of Packaged Terminal Equipment*. Subsequent revisions were:

- ARI Standard 300-2000, *Sound Rating and Transmission Loss of Packaged Terminal Equipment*
- ANSI/AHRI Standard 300-2008, *Sound Rating and Transmission Loss of Packaged Terminal Equipment*
- ANSI/AHRI Standard 300-2015, *Sound Rating and Transmission Loss of Packaged Terminal Equipment*
- AHRI Standard 300-2015 (R2021), *Sound Rating and Transmission Loss of Packaged Terminal Equipment*

Summary of Changes

AHRI Standard 300-2025 (SI/I-P) contains the following updates to the previous edition:

- Updated defined terms to harmonize with industry language, including the title of the standard.
- Removed the references to AHRI 1140 and update other references to the new version where necessary.
- Updates to Section 4.2:
    1. Allow for tests to be conducted with both the damper open and or closed
    2. Updated the filler wall requirements

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Committee Personnel

300 Standards Work Group

Participant	Interest Category Classification	Voting Member Role	State or Province/ Country
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Dan Int-Hout Nailor Industries	Product Manufacturer	Primary	TX, USA
Jim Kline Intertek	Testing Laboratory	Primary	NY, USA
Stephen Lind Lind Acoustics LLC	Product Manufacturer	Primary	WI, USA
Greg Meeuwsen Trane U.S. Inc.	Product Manufacturer	Primary	WI, USA
Kim Osborn Nortek Air Solutions, LLC	Product Manufacturer	Primary	MO, USA
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Maria Woodbury	AHRI Staff Liaison		

300 Standards Work Group Scope:

The 300 SWG is responsible for the revision of AHRI 300-2015 (R2022) with minor modifications to keep the standard current in accordance with ANSI requirements.

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