American National Standar

for Outdoor Power Equipment –
Internal Combustion Engine-Powered
Handheld and Backpack Blowers
and Blower-Vacuums –
Safety Requirements and
Performance Testing Procedures



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ANSI/OPEI B175.2-2012

Revision and redesignation of ANSI B175.2-2000 (R2005)

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Sponsor

Outdoor Power Equipment Institute

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Foreword (This foreword is not part of American National Standard ANSI/OPEI B175.2-2012.)

This standard is a revision of *American National Standard for Power Tools - Hand-Held and Backpack, Gasoline-Engine-Powered Blowers,* ANSI B175.2-2004. The first edition of this standard was developed under the auspices of the Portable Power Equipment Manufacturers Association (PPEMA) and published in 1990.

In 2002, PPMEA discontinued operations and the Outdoor Power Equipment Institute (OPEI) became the secretariat. The present revision of this standard was prepared by the ANSI B175.2 Committee on Gasoline-Powered Backpack and Handheld Blowers.

A summary of the principal changes included in this revision are as follows:

- The scope has been revised (expanded) to establish manufacturer requirements to reduce the risk of injury associated with the use of handheld and backpack, gasoline-powered blowers
- The Definition, Labeling, Operator's Manual and Sound sections have been expanded
- Sections on handles, harnesses, vibration, and performance have been added.

This standard contains four normative annexes, which are considered part of the standard.

Suggestions for improvements to this standard are welcome. They should be sent to the Outdoor Power Equipment Institute, 341 South Patrick Street, Alexandria, VA 22314.

The following organizations recognized as having an interest in the standardization of safety requirements for gasoline-powered blowers were contacted prior to the approval of this revised standard. Inclusion in the list does not necessarily imply that the organization concurred with the submittal of the proposal to ANSI.

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ANSI/OPEI B175.2-2012

American National Standard for Outdoor Power Equipment –

Internal Combustion Engine-Powered Handheld and Backpack Blowers and Blower-Vacuums – Safety Requirements and Performance Testing Procedures

1 Scope and Purpose

1.1 Scope

The requirements of this standard apply to handheld and backpack internal combustion engine-powered blowers and blower-vacuums.

This standard does not apply to ride-on, towed, or walk-behind units. This standard does not apply to electrically powered units.

This standard shall become effective one year after it is published.

NOTE – The units in this standard are given in metric. English units are included in parenthesis for information only.

1.2 Purpose

The purpose of this standard is to establish manufacturer requirements to reduce the risk of injury associated with the use of handheld and backpack internal combustion engine-powered blowers and blower-vacuums. This standard may also be used to measure bystander sound pressure levels at 15 meters (50 feet).

2 Normative References

The following standards contain provisions which, through reference in this text, constitute provisions of this American National Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this American National Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below.

ANSI/ASSE Z87.1-2003, Practice for Occupational and Educational Personal Eye and Face Protection Devices