



NSAI
Standards

Irish Standard
I.S. EN 13278:2013

Open fronted gas-fired independent space heaters

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I.S. EN 13278:2013

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Údarás um Chaighdeáin Náisiúnta na hÉireann

English Version

Open fronted gas-fired independent space heaters

Appareils de chauffage indépendants à foyer ouvert
utilisant les combustibles gazeux

Konvektions-Raumheizer für gasförmige Brennstoffe mit
offener Verbrennungskammer

This European Standard was approved by CEN on 8 August 2013.

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Foreword

This document (EN 13278:2013) has been prepared by Technical Committee CEN/TC 62 "Independent gas-fired space heaters", the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2014, and conflicting national standards shall be withdrawn at the latest by April 2014.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 13278:2003.

Annex K provides details of significant technical changes between this European Standard and EN 13278:2003.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

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1 Scope

This European Standard specifies the requirements and test methods for the construction, safety, marking and rational use of energy of open fronted gas-fired independent space heaters with and without a fan to assist with the transportation of flue gases, hereafter referred to as appliances. Although the fan may be mounted outdoors, this standard only covers appliances where the body of the appliance is indoors.

This standard applies to types B_{11AS}, B_{11BS}, B_{14AS}, and B_{14BS} (commonly referred to in this standard as type B₁ appliances) open fronted gas-fired independent space heating appliances:

- that incorporate an atmospheric burner;
- that are connected directly to an open flue (see Figure 1), or to a device to evacuate the products of combustion (open-flued appliances);
- that have a nominal heat input not exceeding 20 kW (based on the net calorific value);
- that are delivered with the gas-carrying components, burner(s), combustion chamber and heat exchanger fully assembled.

It does not apply to:

- closed-fronted appliances;
- decorative fuel effect appliances as specified in EN 509;
- catalytic combustion appliances;
- ducted-air appliances;
- appliances installed by means of a closure plate (see 3.3.3.3).

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