ASME A112.6.4-2022/ CSA B79.4:22

National Standard of Canada
American National Standard

Roof, deck, and balcony drains

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ASME A112.6.4-2022/CSA B79.4:22
July 2022

Title: *Roof, deck, and balcony drains*

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ASME A112.6.4-2022/CSA B79.4:22
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Published in July 2022 by CSA Group
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ISBN 978-0-7918-7519-3

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Published in July 2022 by
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A not-for-profit private sector organization
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ISBN 978-1-4883-4099-4
ICS 91.140.80

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Preface

This is the first edition of ASME A112.6.4/CSA B79.4, *Roof, deck, and balcony drains*. It supersedes CSA B79,*Commercial and residential drains and cleanouts*, published in 2008, and the ASME A112.6.4, Roof, deck, and balcony drains Standards.

This Standard was prepared by the ASME/CSA Harmonization Task Group on Drains under the jurisdiction of the ASME A112 Standards Committee on Plumbing Materials and Equipment and the CSA Technical Committee on Drains and Interceptors. The ASME A112 Standards Committee operates under the jurisdiction of the ASME Board on Standardization and Testing and the CSA Technical Committee operates under the jurisdiction of the CSA Strategic Steering Committee on Construction and Civil Infrastructure.

This Standard is considered suitable for use for conformity assessment within the stated scope of the Standard.

This Standard was approved as an American National Standard by the American National Standards Institute on June 15, 2022.

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Roof, deck, and balcony drains

1 Scope

1.1 Inclusions

This Standard specifies design and performance requirements for roof drains. This Standard applies to the following types of roof drains:

a) general purpose;
b) gutter and cornice;
c) parapet and promenade;
d) balcony; and
e) deck.

1.2 Exclusions

This standard does not apply to siphonic roof drains covered under ASME A112.6.9/CSA B79.9.

1.3 Illustrations

Figures 1 through 7 describe and portray typical roof drains and are not intended to restrict design or to specify requirements.

1.4 Terminology

In this Standard, “shall” is used to express a requirement, i.e., a provision that the user is obliged to satisfy in order to comply with the standard; “should” is used to express a recommendation or that which is advised but not required; and “may” is used to express an option or that which is permissible within the limits of the Standard.

Notes accompanying clauses do not include requirements or alternative requirements; the purpose of a note accompanying a clause is to separate from the text explanatory or informative material.

Notes to tables and figures are considered part of the table or figure and may be written as requirements.

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The values given in either SI (metric) or U.S. Customary units of measure are equivalent in application; however, each measurement system is to be used independently of the other. In this Standard, U.S. Customary units are shown in parentheses. Combining values from the two measurement systems can result in non-conformance with this Standard.

1.6 Alternatives

The requirements of this Standard are not intended to prevent the use of alternative designs, materials, or methods of construction, provided such alternatives meet the intent and requirements of this Standard.