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ULC/ORD-C378-75 (R2018)

GUIDE FOR THE INVESTIGATION OF DRAFT EQUIPMENT

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FOREWORD

Certification organizations are periodically requested to promptly provide certification services for devices, constructions, materials and systems where Canadian recognized Standards do not currently exist or are not entirely applicable. Accordingly, the certification organization utilizes its experience, existing specifications and requirements in related areas, together with assistance from its advisory councils to develop and prepare Other Recognized Documents (ORDs) for use in conducting the necessary tests and evaluation investigation.

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Comments on the content of this ORD should be directed to the Head Office of Underwriters Laboratories of Canada, 7 Underwriters Road, Toronto, Ontario, Canada, M1R 3A9.

NOTE: These Other Recognized Documents are accepted under the National Standards System of Canada. Reference may be made to the Document ″Guidelines for the Development and Maintenance of Other Recognized Documents (ORDs)″, published by the Standards Council of Canada located at 55 Metcalfe Street, Suite 600, Ottawa, Ontario, Canada, K1P 6L5.

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GUIDE FOR THE INVESTIGATION OF DRAFT EQUIPMENT

PREFACE

This is the First Edition of the Other Recognized Document for Guide For The Investigation Of Draft Equipment, ULC/ORD-C378-75 (R2018).

Only metric SI units of measurement are used in this ORD. If a value for measurement is followed by a value in other units in parentheses, the second value may be approximate. The first stated value is the requirement.

In Canada, there are two official languages, English and French. All safety warnings must be in French and English. Attention is drawn to the possibility that some Canadian authorities may require additional markings and/or installation instructions to be in both official languages.

This First Edition ORD has now been Reaffirmed.

Attention is drawn to the possibility that some of the elements of this ORD may be the subject of patent rights. Neither Underwriters Laboratories of Canada, nor ULC Standards, shall be held responsible for identifying any or all such patent rights.

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This ORD is intended to be used for conformity assessment.

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In Replying Please Refer to ULC Subject C378-1975

GUIDE

FOR

THE INVESTIGATION

OF

DRAFT EQUIPMENT

GENERAL

1. Scope

1.1 These requirements apply to the design and construction of draft equipment intended to assist in maintaining the desired combustion chamber draft in heating appliances. Draft equipment classifications include draft regulators, automatic damper controls, and draft fans for inducing draft.

1.2 Draft regulators are intended for installation in the breeching or flue pipe of heating appliances where a constant draft is desired, but function to regulate draft only when the draft in the chimney is greater than the draft for which the automatic damper is adjusted.

1.3 Draft regulators intended for use with liquid, combination gas-liquid, or solid fuel-burning equipment, which provide means for the relief of positive pressures in the flue pipe into the adjoining space, provide arrangements for the installer to interlock the assembly with automatic fuel-burning equipment in a manner which will prevent the continued operation of the fuel-burning equipment for more than a brief period of time under conditions of sustained positive draft.

1.4 Draft regulators which provide means for the relief of positive pressures in the flue pipe into the adjoining space and which do not provide means for interlock as described above are intended for use only with commercial-industrial gas-burning equipment not ordinarily equipped with a draft hood.

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