

October 14, 2013

1

UL 762

POWER ROOF VENTILATORS FOR RESTAURANT EXHAUST APPLIANCES

ISSUE NO: 7

OCTOBER 14, 2013

***Summary of Topics:***

***This revision of Subject 762 is being issued to in order to cover the duct fans of the straight-through type.***

The UL Foreword is no longer located within the UL Outline of Investigation. For information concerning the use and application of the requirements contained in this Outline of Investigation, the current version of the UL Foreword is located on ULStandardsInfoNet at: <http://ulstandardsinfo.net.ul.com/ulforeword.html>

This issue becomes effective October 14, 2013.

COPYRIGHT © 2013 UNDERWRITERS LABORATORIES INC.

No Text on This Page

## CONTENTS

### INTRODUCTION

1 Scope .....	4
2 General .....	4
3 Undated References .....	4

### CONSTRUCTION

4 Assembly .....	4
5 Guarding of Moving Parts .....	5
6 Operation .....	5
7 Duct Connection .....	6

### PERFORMANCE

8 Test Installation for Test No. 1 – Normal Temperature Test .....	6
9 Temperature Measurement and Flue-Gas Generator for Test No. 1 – Normal Temperature Test ..	7
10 Test No. 1 – Normal Temperature Test .....	8
10.1 Method .....	8
10.2 Requirements .....	9
11 Test Installation for Test No. 2 – Abnormal Flare Up Test .....	12
12 Temperature Measurement for Test No. 2 – Abnormal Flare Up Test .....	13
13 Test No. 2 – Abnormal Flare Up Test .....	13
13.1 Method .....	13
13.2 Requirements .....	13
14 Test No. 3 – Accelerated Air-Oven Aging Test .....	13
14.1 General .....	13
14.2 Apparatus .....	14
14.3 Method .....	14
15 Test No. 4 – Immersion Tests of Gaskets and Seals .....	15
15.1 General .....	15
15.2 Apparatus .....	16
15.3 Method .....	16

### INSTRUCTIONS

16 Installation Instructions .....	17
------------------------------------	----

## INTRODUCTION

### 1 Scope

1.1 These requirements cover roof or wall-mounted ventilators and duct fans of the straight-through type for restaurant exhaust appliances.

1.2 Power ventilators for restaurant exhaust appliances covered by these requirements are intended for installation in accordance with the Standard of the National Fire Protection Association for the Installation of Equipment for the Removal of Smoke and Grease-Laden Vapors from Commercial Cooking Equipment, NFPA 96.

1.3 Power ventilators for restaurant appliances shall comply with the Standard for Power Ventilators, UL 705, modified in that wiring system shall not be located in the path of travel of exhaust products.

### 2 General

2.1 A component of a power ventilator shall comply with the requirements for that component, except that such requirements may be modified if appropriate for the particular application.

2.2 Values stated without parentheses are the requirement. Values in parentheses are explanatory or approximate information.

### 3 Undated References

3.1 Any undated reference to a code or standard appearing in the requirements of this outline shall be interpreted as referring to the latest edition of that code or standard.

## CONSTRUCTION

### 4 Assembly

4.1 A power ventilator shall include all the essential parts necessary for its normal function when installed as intended. The equipment may be shipped as subassemblies.

4.2 All parts, controls, and safety devices requiring normal care shall be accessible. Parts in the assembly which are intended to be removed for normal care shall be of such design that their restoration, following removal, will not necessitate their realignment to secure their proper relationship with other parts of the assembly. Special tools or equipment required for normal maintenance by the operator shall accompany the equipment to the user.

4.3 The exhaust shall terminate a minimum of 40 inches (101.6 cm) above the roof line for roof mounted units. A means shall be provided so that all interior surfaces of the ventilator exposed to the exhaust products can be reached and cleaned by hand without use of specialized tools.