



UL 1889

STANDARD FOR SAFETY

Commercial Filters for Cooking Oil

UL Standard for Safety for Commercial Filters for Cooking Oil, UL 1889

First Edition, Dated August 30, 1996

Summary of Topics

This revision of ANSI/UL 1889 is being issued to update the title page to reflect the most recent designation as a Reaffirmed American National Standard (ANS). No technical changes have been made.

Text that has been changed in any manner or impacted by UL's electronic publishing system is marked with a vertical line in the margin.

The requirements are substantially in accordance with Proposal(s) on this subject dated June 29, 2018.

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UL 1889

Standard for Commercial Filters for Cooking Oil

Prior to the first edition, the requirements for the products covered by this standard were included in the Standard for Commercial Electric Cooking Appliances, UL 197, the Standard for Motor-Operated Appliances, UL 73, and the Standard for Motor Operated Water Pumps, UL 778.

First Edition

August 30, 1996

This ANSI/UL Standard for Safety consists of the First Edition including revisions through September 4, 2018.

The most recent designation of ANSI/UL 1889 as a Reaffirmed American National Standard (ANS) occurred on September 4, 2018. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, and Title Page.

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CONTENTS

INTRODUCTION

1 Scope	5
2 General	5
2.1 Components	5
2.2 Units of measurement	6
2.3 Undated references	6
3 Glossary	6

CONSTRUCTION

4 Accessories	6A
5 Frames and Enclosures	7
5.1 General	7
5.2 Openings	9
6 Accessibility of Live Parts	14
6.1 General	14
6.2 Protection of service personnel	18A
7 Adhesives Used to Secure Parts	18B
8 Protection Against Corrosion	18B
9 Mechanical Assembly	18C
9.1 General	18C
9.2 Shipping	19
10 Supply Connections	19
10.1 Permanently-connected appliances	19
10.2 Cord-connected appliances	23
11 Grounding and Bonding	25
12 Polarization	27
13 Current-Carrying Parts	27
14 Attachment-Plug Receptacles	28
15 Internal Wiring	28
15.1 General	28
15.2 Insulation	29
15.3 Protection	29
15.4 Splices and connections	30
16 Heating Elements	30A
17 Electrical Insulation	31
18 Thermal Insulation	31
19 Motors	32
19.1 General	32
19.2 Motor protection	32
20 Limiting Controls	33
21 Short-Circuit and Ground-Fault Protection	33
22 Thermostats	34
23 Capacitors	35
24 Switches	36
25 Secondary Circuits	36A
25.1 General	36A
25.2 Limited-energy secondary circuits	37
26 Spacings	38

PROTECTION AGAINST INJURY TO PERSONS

27	Scope	41
28	General	41
29	Enclosures and Guards	42
30	Material	42
31	Hoses and Handles	42
32	Switches, Controls, and Interlocks	43
32.1	Switches and controls	43
32.2	Interlocks	44
32A	Oil Drain	44
33	Parts Subject to Pressure	44
33.1	General	44
33.2	Pressure tests	44
33.3	Pressure relief means	45
33.4	Pressure relief devices	46
33A	Oil Reservoir	46A
34	Stability	46A

PERFORMANCE

35	General	46A
36	Leakage Current Test	46B
37	Operation Test	48B
38	Power Input Test	48B
39	Average Current Input Test	49
40	Starting Current Test	49
41	Grounding and Bonding Test	50
41.1	Grounding	50
41.2	Bonding	50
42	Normal Temperature Test	51
42.1	General	51
42.2	Test equipment	51
42.3	Method	54
42.4	Procedure	55
42.5	Normal test conditions	56
42.6	Surface temperatures	57
43	Dielectric Voltage-Withstand Test	58
43.1	General	58
43.2	Secondary Circuits	58
43.3	Transformers	59
44	Insulation Resistance Test	60
45	Stability Test	60
46	Strain Relief Test	61
47	Deterioration of Parts	61
48	Abnormal Heating Test	61
48.1	General	61
48.2	Test procedure	62A
49	Abnormal Operation Test	63
50	Abnormal Operation Test, Electronic Components	64A
50.1	General	64A
50.2	Effect on temperature control systems	64A
51	Endurance Test	64B

51.1 Wiring .....	.64B
51.2 Temperature control .....	.64B
52 Enclosure Strength Test .....	.64B
53 Impact Test .....	.65
54 Motor Switch Test .....	.67
55 Transformer Burnout Test .....	.67
56 Aging/Impact of Handles .....	.68
57 Parts Subject to Contact With Oil or Other Liquids .....	.68A
58 Polymeric Motor Supports .....	.68B
59 Capacitor Enclosure Thickness .....	.69
60 Hydrostatic Pressure Test .....	.71
61 Pressure Controls Test .....	.71
62 Permanence of Marking Test .....	.72
63 Attachment Plug Test .....	.72

MANUFACTURING AND PRODUCTION TESTS

64 Dielectric Voltage-Withstand Test .....	.74
65 Grounding Continuity Test .....	.74
66 Pressure Vessels and Parts Subject to Pressure .....	.74A

RATINGS

67 Details75
------------------	-----

MARKINGS

67A General .....	.75
68 Visible After Installation .....	.76
69 Visible During Installation and Examination .....	.77
70 Cautionary Markings .....	.80
71 Manufacturer's Literature81

APPENDIX A

Standards for Components.....	A1
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INTRODUCTION

1 Scope

1.1 These requirements cover commercial filters for cooking oil rated 600 volts or less and intended for use in accordance with the National Electrical Code, NFPA 70. These requirements cover both portable filters and fixed filters intended to be used with a specific fryer or fryers or with any fryer or fryers.

1.2 These requirements cover oil filters used to filter cooking oil used in deep fat fryers usually found in commercial kitchens, restaurants, or other business establishments where food is dispensed. The filters consist of a pump motor to pump oil to and/or from a deep fat fryer and are capable of including an integral oil heater. The requirements are also applicable to filters built into a fryer.

1.3 When a filter is provided as part of a larger appliance, these requirements cover the filter and related components. The other portions of the appliance are to be evaluated in accordance with the requirements that normally apply to that type of equipment. However, consideration shall be given to the interaction between the two portions of the appliance; for example, to the possibility that the entire appliance is capable of being exposed to hot cooking oil.

1.4 *Deleted October 8, 2004*

2 General

2.1 Components

2.1.1 Except as indicated in 2.1.2, a component of a product covered by this standard shall comply with the requirements for that component. See Appendix A for a list of standards covering components used in the products covered by this standard.

2.1.2 A component is not required to comply with a specific requirement that:

- a) Involves a feature or characteristic not required in the application of the component in the product covered by this standard, or
- b) Is superseded by a requirement in this standard.

2.1.3 A component shall be used in accordance with its rating established for the intended conditions of use.

2.1.4 Specific components are incomplete in construction features or restricted in performance capabilities. Such components are intended for use only under limited conditions, such as certain temperatures not exceeding specified limits, and shall be used only under those specific conditions.