



Certificate of Compliance

Certificate: 2293770

Master Contract: 246217

Project: 80075748

Date Issued: 2021-10-04

Issued To: Pfannenberg, Inc.
68 Ward Road
Lancaster, New York, 14086
United States

The products listed below are eligible to bear the CSA Mark shown with adjacent indicator ▲

Issued by: Carlos Frazao
Carlos Frazao



PRODUCTS

CLASS - C321137 - INDUSTRIAL CONTROL EQUIPMENT - Sub-Assemblies Components

Filter fan assembly, motorized, Open type, for Industrial Control Panels –

- Model Series PF followed by 11, 22, 32, 43, 65, 66, 67 followed by 000 with or without additional suffix, except for additional suffix R is for Environmental Rating type 3R.
- Model Series DPF followed by 22, 33, 43, 65, 66, 67 may be preceded by “followed by 000 followed by SL
- Model Series E-FAN followed by 1, 2, 3, 5 with or without additional suffixes.
- Model Series EF followed by 100, 200, 220, 250, 300, 500, 600, or 700.
- Model Series EFE followed by 200, 220, 250, 300, 500, 600, or 700.
- Model Series EFP followed by 200, 220, 250, 300, 500, 600, or 700
- Model PF 65.000 SL, PF 67.000 SL.
- Model PF 42500 with or without additional suffix.
- Model Series E-FAN4 with or without additional suffixes.

Terminal block or open lead power source wiring connections.

May be folded paper or foam type filter element.

Ratings: AC Voltage Fans: 24, 115, 230 VAC, 50/60 HZ, maximum power 200W.

DC Voltage Fans: 12, 24, 48 VDC, maximum power 17W.

Environmental Rating for Model Series PF with suffix R is for type 3R.



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Filter frames and elements, passive, non-motorized, Open type, for Industrial Control Panels –

- Model Series PFA followed by 10, 20, 30, 40, 60, followed by 000 with or without additional suffix, except for additional suffix R is for Environmental Rating type 3R
- Model Series DPFA followed by 20, 30, 40, 60 may followed by 000.
- Model Series EX-FILT followed by 1, 2, 3, 4 with or without additional suffixes.
- Model Series EFA followed by 100, 200, 220, 250, or 500.
- Model Series EFAE followed by 200, 220, 250, or 500.
- Model Series EFAP followed by 200, 220, 250, or 500.

Contains no electrical components. Utilized to enclose filter element and industrial panel enclosure opening.

Environmental Rating for Model Series PFA with suffix R is for type 3R

NOTES:

- 1.) This equipment is Certified as a component for use in other equipment, where suitability is determined in the end use by CSA.
- 2.) All models mentioned within this report are for vertical mounting only.
Top mounting on enclosures is prohibited due to risk from dirt falling into airflow.
- 3.) The devices shall be mounted in enclosures having adequate strength and thickness in accordance with CSA C22.2 No. 14 in the intended manner and with acceptable air spacings to live parts mounted within the panel.
- 4.) Proximity of live or arcing parts to the vent openings including foamed filter material shall be evaluated in the end product. Due to the highly existing flammability of the filter material, min 305 mm is required between vent openings and an arcing part, or a barrier of metal or suitable material shall be interposed. If a barrier is provided, it shall be of such dimensions and so located that any straight line drawn from any arcing part past the edge of the barrier intersects a point in the vent opening plane that is at least 6.4 mm outside of the edge of the vent opening. See also Marking section in the installation manual.
- 5.) The Panel Enclosure Flange foam gasket of the PF fans / E-FAN / EF / EFE / EFP and PFA / EX-FILT / EFA / EFAE / EFAP filters have been evaluated and tested to Gasket Tests

APPLICABLE REQUIREMENTS

CAN\CSA C22.2 No. 14-13 - Industrial Control Equipment



Supplement to Certificate of Compliance

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The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
80075748	2021-10-04	Update to Report 2293770 to resolve FIR findings at FC 246233 on March 11, 2021, add new alternate plastic Material (FR3010 Polycarbonate Covestro Deutschland AG E41613) and administrative Corrections on the description report (dimensions, typos) add alternate fan assembly, optional model designation Prefixes DPF and DPFA and of the R suffix.
80051049	2020-09-04	FIR Follow-up, Pfannenberg Inc., FC# 246233, FIR dated May 14, 2020, Report 2293770 add alternate fan Assembly.
000070088083	2016-08-16	Update report to add alternate foam gasket material.
000070064790	2016-03-11	Update report to add alternate material AF312A (ABS) by LG Chemical.
000070063678	2016-02-05	Update report to add alternate filter fan assembly Model Series EF followed by 100, 200, 220, 250, 300, 500, 600, or 700, Model Series EFE followed by 200, 220, 250, 300, 500, 600, or 700, Model Series EFP followed by 200, 220, 250, 300, 500, 600, or 700 and add alternate filter frames Model Series EFA followed by 100, 200, 220, 250, or 500, Model Series EFAE followed by 200, 220, 250, or 500, and Model Series EFAP followed by 200, 220, 250, or 500.
000070042805	2015-12-07	Addition of alternate models E-Fan Series and EX-FILT Series. Update report to C22.2 No. 14-13 per Industrial Control Equipment Informs No. 36 and C22.2 No. 113-15 per Fans and Ventilators Notice Nos. 10 and 24.
0002392923	2011-01-31	Add factories F1 and F2. Report typo corrections: Change Models PFA 11, 22, 32, 43, 65, 66, 67 to PFA 10, 20, 30, 40, 60. In accordance with CSA C22.2 No. 14-10, Edition 11, Update 1. Cleveland Lab.
0002293770	2010-10-20	Initial certification of PF and PFA series fans and filters. In accordance with C22.2 No. 14-05. Cleveland Lab.