



# Certificate of Compliance

**Certificate:** 2293770      **Master Contract:** 246217  
**Project:** 80245290      **Date Issued:** 2025-03-27  
**Issued to:** Pfannenberg Manufacturing      **Issued by:** Doug Bramwell  
LLC      Doug Bramwell, C.E.T.  
68 Ward Road  
Lancaster, New York 14086  
United States

**Attention:** Joseph Seiser III

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



## PRODUCTS

Class 3211 37 INDUSTRIAL CONTROL EQUIPMENT - Sub-Assemblies - Components

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

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



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PF followed by a blank, followed by 33, 65, 67, may be followed by “.”, followed by 000, followed by SL.
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PF 42 may be followed by “.”, followed by 500 with or without additional suffix, may be followed by R
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E-FAN4 with or without additional suffixes.
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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.

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

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



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**APPLICABLE REQUIREMENTS**

CSA C22.2 No. 14-18 - Thirteenth Edition - Including Update No. 1: June 2022 - Industrial control equipment



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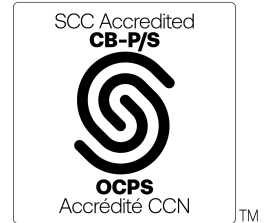
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Notes:

Products certified under Class(es) C321137 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). [www.scc.ca](http://www.scc.ca)





## *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**

<b>Project</b>	<b>Date</b>	<b>Description</b>
80245290	2025-03-27	FIR follow-up, update to Report 2293770 to address (FC# 246233) FIR dated September 10, 2024, alternate component. Includes addition of new filter fan assembly model PF 33.000 SL, addition of alternate component fans for existing models, minor changes to model number nomenclature, and update to CSA C22.2 No 14-18 per Notice Industrial Control Equipment No. 60 and Informs Industrial Control Equipment No. 78.
80139887	2022-10-04	Update of report 246217-2293770 to add an alternate Plastic Material, add alternate label material generalized description, and address FIR noncompliances (FIRs: 246233-20210921, 246233-20220328 and 246233-20220622) regarding bonding conductor typo error.
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, Pfannenberger Inc., FC# 246233, FIR dated May 14, 2020, Report 2293770 add alternate fan Assembly.
70088083	2016-08-16	Update report to add alternate foam gasket material.
70064790	2016-03-11	Update report to add alternate material AF312A (ABS) by LG Chemical.
70063678	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.



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70042805	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.
2392923	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.
2293770	2010-10-20	Initial certification of PF and PFA series fans and filters. In accordance with C22.2 No. 14-05. Cleveland Lab.