



# Certificate of Compliance

**Certificate:** 2293770

**Master Contract:** 246217

**Project:** 2293770

**Date Issued:** October 20, 2010

**Issued to:** Pfannenberg, Inc.

86 Ward Road  
Lancaster, NY 14086  
USA  
Attention: William Baron

*The products listed below are eligible to bear the CSA Mark shown*



*David Genender*

**Issued by:** David Genender

## **PRODUCTS**

**CLASS 3211 37 - INDUSTRIAL CONTROL SUB-ASSEMBLIES - Components**

Filter fan assembly, motorized, for Industrial Control Panels –

Model Series PF followed by 11, 22, 32, 43, 65, 66, 67 followed by 000 with or without additional suffix; PF 65.000 SL, PF 67.000 SL. Model PF 42500 with or without additional suffix. 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.

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

Model Series PFA followed by 11, 22, 32, 43, 65, 66, 67 followed by 000 with or without additional suffix; and 42500. Contains no electrical components. Utilized to enclose filter element and industrial panel enclosure opening.

NOTES:



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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 and PFA filters have been evaluated and tested to Gasket Tests, CSA C22.2 No. 94-M91 (R2006), clause 6.2.5.

#### **APPLICABLE REQUIREMENTS**

CAN\CSA C22.2 No. 0 (R 2001) General Requirements -Canadian Electrical Code, Part II

CAN\CSA C22.2 No. 0.4-04 ( R 2004, Update 2) Bonding of Electrical Equipment

CAN\CSA C22.2 No 14-05, Update 3, April 2008 - Industrial Control Equipment

CAN\CSA C22.2 No. 113, (R2008), Fans and Ventilators (used as a guide)

#### **MARKINGS**

SEE DESCRIPTIVE REPORT