



# Certificate of Compliance

Certificate: 70044987

Master Contract: 246217

Project: 70044987

Date Issued: 2016-01-08

Issued to: **Pfannenbergl, Inc.**  
86 Ward Road  
Lancaster, New York 14086  
USA

Attention: Joe Mazurkiewicz

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*



Issued by: *William Kinas*  
William Kinas

## **PRODUCTS**

CLASS - C284101 - HEATERS-Industrial and Laboratory

CLASS - C284181 - HEATERS-Industrial and Laboratory - Certified to US Standards

CLASS - C284181 - HEATERS-Industrial and Laboratory - Certified to US Standards

Industrial Air Heaters, component

Model	Rated Voltage	Frequency, Hz	Heating Performance (W)	Dimensions (H x W x D)
PFH 200	115 or 230	50/60	200	142 x 88 x 133mm
PFH 300			300	
PFH 400			400	
PFH 500			500	
PFH 650			650	
PFH 800			800	
PFH 1000			1000	
PFH 1200	230		1200	

Surrounding Air Temperature 40°C

PFH optionally followed by T, describes Air Heater provided with thermostat controller -20 to 40°C



**Certificate:** 70044987

**Master Contract:** 246217

**Project:** 70044987

**Date Issued:** 2016-01-08

---

**Notes:**

This equipment is certified as a component for use in other equipment, where the suitability is determined in the end use by CSA. Some of the features which should be considered in determining the acceptability of this heater in the specific applications are indicated below:

- 1) The heater is intended for use within an enclosure in accordance with UL 508A, the standard for Industrial Control Panels.
- 2) The terminal block for the supply connections has not been evaluated for field wiring. It is suitable for 16-12 AWG.
- 3) Based on installation, the need for additional housing, guards (or the like) or (cautionary) marking shall be evaluated in the end-use.
- 4) The suitable mounting of the product shall be evaluated in the end use.
- 5) Grounding needs to be provided in the end-use.
- 6) The suitability of the fan is evaluated for max 40°C ambient. If used in a panel above 40°C consideration to environmental conditioning should be given.

**APPLICABLE REQUIREMENTS**

C22.2 No. 88-1958 (R2013) - Construction and Test of Industrial Heating Equipment  
UL 499 14<sup>th</sup> Edition – Electric Heating Appliances



## *Supplement to Certificate of Compliance*

**Certificate:** 70044987

**Master Contract:** 246217

*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>
70044987	2016-01-08	Original Certification of Industrial Air Heater Models PFH 200, PFH 300, PFH 400, PFH 500, PFH 650, PFH 800, PFH 1000, and PFH 1200, with PFH optionally followed by T.