VARI-PRIME®		Variable Speed Pump Control for Modulating Condensing Laars Boilers
		VARI-PRIME NeoTherm NeoTherm LC
	_	Field Install CA013600 CA009900
	Date:	Factory Install - KM004900
	Project #:	Submittal Data Heating Systems Company
	Engineer:	Project Name:
	Prepared By:	Location:
The VARI-PRIME Control Box for NeoTherm. Shown with a semi-transparent cover for visual effect.		
	Bid Date:	Contractor:

## Specifications:

• Delta T Settings:

15°F (8°C), 20°F (10°C), 25°F (13°C), 30°F (16°C), 35°F (18°C), 40°F (20°C)

- Output Types: 0-10VDC or 4-20mA
- Dimensions: 7 <sup>3</sup>⁄<sub>4</sub>" x 6 <sup>1</sup>⁄<sub>4</sub>" x 3 <sup>3</sup>⁄<sub>4</sub>"
- Power Voltage: 24 VAC
- Max Operating Temp: 150°F (65°C)

## Features:

- Maintains user chosen temperature rise between boiler inlet and outlet.
- Operates in degrees, Fahrenheit or Celsius, user selectable.
- User selectable Delta T settings.
- Protective enclosure.
- Proprietary Boiler System Algorithm: VARI-PRIME will operate the boiler pump at maximum flow during boiler startup to ensure stable operation is reached before introducing variable water flow. This key feature keeps the boiler's combustion and variable speed pump's flow in phase with each other, protecting the heat exchanger from potential low flow conditions.



 Customer Service and Product Support:
 800.900.9276 • Fax 800.559.1583

 Headquarters:
 20 Industrial Way, Rochester, NH 03867 • 603.335.6300 • Fax 603.335.3355

 1869 Sismet Road, Mississauga, Ontario, Canada L4W 1W8 • 905.238.0100 • Fax 905.366.0130

 www.Laars.com
 Litho in U.S.A. © Laars Heating Systems 1407
 Document 7032