

# BOOSTER HEATER-CORROSION SOLUTION APPLICATIONS

CVCHS Series  
Starts at

- ✓ Non-Metallic (CPVC) Pipe Body
- ✓ 1.5 to 3 kW
- ✓ 120 and 240V, Single Phase
- ✓ General Purpose Terminal Enclosure
- ✓ INCOLOY Sheath Elements (75 W/in<sup>2</sup>)
- ✓ Integral Thermostat (60 to 190°F)
- ✓ Integral Automatic Cutout (Set at 195°F)

## APPLICATIONS

Used to heat clean and corrosive solutions. Ideal for side-arm heating, in-line circulation and engine pre-heaters.

## FEATURES

**Terminal Enclosure**—E1 General Purpose is standard.

**Elements**—INCOLOY sheath elements rated 75 W/in<sup>2</sup>.

**Flange**—Stainless steel flange for corrosion resistance.

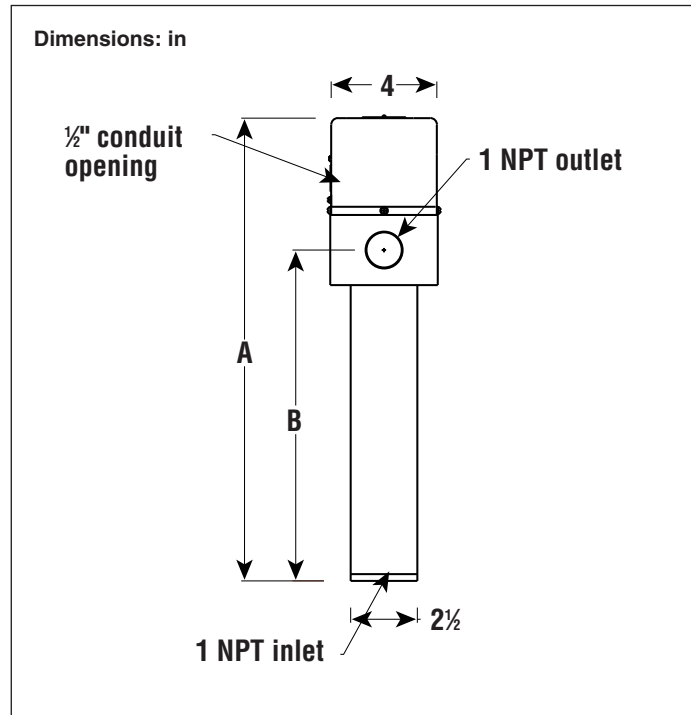
**Vessel**—CPVC pipe body material is resistant to many corrosive solutions and is ideal for water applications. Pipe body material provides good thermal insulation, reducing heat loss.

**Thermostat**—Integral thermostat with 60 to 190°F temperature range, located inside the terminal enclosure.

**High Limit Control**—Integral automatic cutout (overtemperature control) protects against fluid or element overhear (set to open at 195°F).

**Vibration Resistant**—Vibration resistant construction to withstand vibrations typically experienced on many types of operating equipment (i.e., engines).

**Easy to Install**—Minimal size and light weight, no supporting brackets are required.



**MOST POPULAR MODELS HIGHLIGHTED!**

### To Order (Specify Model Number)

kW	Volts	Ckt & Phase	Dimensions: in		Model No.		Wt. (lb)
			A	B			
150 lb CPVC Plastic Pipe Body—1 INCOLOY Element (75 W/in <sup>2</sup> )							
1.5	120	1-1	17 <sup>5</sup> / <sub>16</sub>	12 <sup>3</sup> / <sub>8</sub>	CVCHS-01-01P5-E1-120V		3
1.5	240	1-1	17 <sup>5</sup> / <sub>16</sub>	12 <sup>3</sup> / <sub>8</sub>	CVCHS-01-01P5-E1-240V		3
2	120	1-1	17 <sup>5</sup> / <sub>16</sub>	12 <sup>3</sup> / <sub>8</sub>	CVCHS-01-002P-E1-120V		3
2	240	1-1	17 <sup>5</sup> / <sub>16</sub>	12 <sup>3</sup> / <sub>8</sub>	CVCHS-01-002P-E1-240V		3
2.5	120	1-1	21 <sup>5</sup> / <sub>16</sub>	16 <sup>3</sup> / <sub>8</sub>	CVCHS-01-02P5-E1-120V		4
2.5	240	1-1	21 <sup>5</sup> / <sub>16</sub>	16 <sup>3</sup> / <sub>8</sub>	CVCHS-01-02P5-E1-240V		4
3	120	1-1	21 <sup>5</sup> / <sub>16</sub>	16 <sup>3</sup> / <sub>8</sub>	CVCHS-01-003P-E1-120V		4
3	240	1-1	21 <sup>5</sup> / <sub>16</sub>	16 <sup>3</sup> / <sub>8</sub>	CVCHS-01-003P-E1-240V		4

**Ordering Examples:** CVCHS-01-002P-E1-240V, 2 kW, 240V heater,  
CVCHS-01-003P-E1-120V, 3 kW, 120V heater,

### Ordering Information

To Order — Complete the Model Number using the Matrix provided.

Model	Corrosive Solution Booster Heater				
CVCHS	Corrosive Water Solution Circulation Heater				
	Code	Number of Elements			
	01	One			
		Code	kW		
		01P5	1.5	02P5	2.5
		002P	2	003P	3
			Code	Terminal Enclosure	
			E1	General Purpose	
CVCHS	01	01P5	E1	Typical Model Number	



## UNITED STATES

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1-800-TC-OMEGA

## GERMANY

[www.omega.de](http://www.omega.de)

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0800-8266342

## UNITED KINGDOM

[www.omega.co.uk](http://www.omega.co.uk)

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## FRANCE

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## CZECH REPUBLIC

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### • Flow and Level

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### • Heaters

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