



V SERIES, VARIPOWER HEATERS							
WATTS	VOLTS	HOT ZONE		NO. OF ELEMENTS	316 SS	FLUOROPOLYMER (PFA)	SHIP WGT. Lbs./ (kg)
		In./ (mm)	In./ (mm)				
100	120	4	7	1	VS.1107	VX.1107	1
	240	(102)	(178)	1	VS.1207	VX.1207	(.45)
300	120	6	9	2	VS.3111	VX.3111	1
	240	(152)	(229)	2	VS.3211	VX.3211	(.45)
500	120	6	11	3	VS.5111	VX.5111	2
	240	(152)	(279)	3	VS.5211	VX.5211	(.9)
1000	120	6	11	6	VS1111	VX1111	3
	240	(152)	(279)	6	VS1211	VX1211	(1.4)

Designed for vertical installation. Patented self-regulating design protects against overheating and fires.

## V Series Heater Features and Benefits

### SUPERIOR CHEMICAL RESISTANCE:

- Materials available for use in most aqueous plating solutions.

Fluoropolymer (PFA) models are inert to most aqueous acid, alkaline, anodizing, and pickling solutions up to 212°F (100°C).

316 stainless steel models are suitable for less corrosive applications.

Check solution recommendation chart or with your chemical supplier for proper sheath material selection.

### RUGGED CONSTRUCTION:

- 316 stainless steel or fluoropolymer (PFA) covered. Heavy wall fluoropolymer (PFA) covered stainless steel element reduces permeation and reduces the need for gas purge systems. Guaranteed 100% pinhole free.

### OUTSTANDING PERFORMANCE:

- Low watt density design (20 watts/square inch, 3 w/cm<sup>2</sup>) for long service life. Auto stabilizing solid state element prevents hot spots and ensures uniform heating.

### CORROSION RESISTANT HEAD:

- Vapor resistant, flame retardant polypropylene terminal enclosure (do not immerse).
- 4-foot (1.2m) cord with a rubber cap standard on single tube heater.
- 3-foot (.9m) flexible PVC liquid tight conduit for 300 watt and larger multi-tube units.
- Plug included with 100 watt, 120-volt heaters only.

### SAFETY FEATURES:

- Patented self-regulating design protects against overheating. Additional thermal protection not required.
- Grounded internal metal element.
- Non-floating construction.

### CERTIFICATIONS: CE.

**SIZES:** 100 watts to 1,000 watts.

### VOLTAGES:

- 120 or 240 volts. 208 volts available.

### OPTIONS AVAILABLE (consult factory):

- Special configurations and lengths.
- Threaded 1/2" MNPT PVDF compression fittings for through tank wall installations (100 watt single element versions only).
- Longer cord lengths or wire and conduit lengths.
- Titanium sheaths.
- Prewired plug-in connectors.
- Temperature and level controls sized to match the heater.

**NOTE:** Do not immerse terminal enclosure or complete element.

