

## SUPERIOR INDIRECT HEATING

The SHB/SHC, a low wattage inline chemical/solvent heater, delivers superior indirect heating with temperature stability. Using multiple temperature sensors and self-limiting technology, this heater ensures safe operation during low or no-flow conditions.



SHB/SHC

### FEATURES

#### Engineered for Safety






- Optimized to safely heat chemicals and flammable solvents through indirect contact
- Redundant temperature sensors ensure safe operation
- PTC (self-limiting) heating technology standard

#### Advanced Cleanliness

- O-ring free and crevice free design eliminates source for contamination
- SHB series: Electropolished 316SS for solvents
- SHC series: PTFE & PFA wetted surfaces for acids and solvents

#### Designed for performance

- Allows for precise and stable temperature control
- Low watt density design for lower surface temperatures

 Watts: 250W to 2000W	 Pressure: Up to 1379 kPa (200 PSI)			
 120 to 480 volts, Single phase	 CE, ETL (tested to UL823 compliant, UL499 compliant and CSA C22.2)			
 Compatibility				
<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
acids	water	bases	solvents	gases

### APPLICATIONS

- Semiconductor Wafer Cleaning
- Etching
- Inline Chemical Heating

# SHB/SHC Chemical and Solvent Heater

## SPECIFICATIONS

Wattages	250W to 2000W
Voltages	120 volts to 480 volts, single phase
Pressure	1379kPa (200 PSI)
Fluid Connections	3mm, 6mm, 9mm or 12mm. Custom connections available.

## MODEL NUMBER BREAKDOWN

SH	C	.875	1	1	V
Series	Wetted Material	Wattage	Voltage	Phase	Inlet Plumbing Connections
SH = Solvent	B = 316SS (EP) C = Fluoropolymer	.25 = 250	1 = 208V	1 = single phase	O = 5/16" Tube Stub (SHB Only)
		.4 = 400	2 = 240V		Q = 1/8" Super 300 Pillar
		.5 = 500	3 = 380V		R = 1/4" Super 300 Pillar
		.75 = 750	4 = 400V		T = 3/8" Super 300 Pillar
		.8 = 800	5 = 415V		V = 1/2" Super 300 Pillar
		.875 = 875	6 = 480V		
		1 = 1000	7 = 440V		
		1.2 = 1200	8 = 575V		
		1.25 = 1250	9 = 220V		
		1.4 = 1400	10 = 200V		
		1.6 = 1600	11 = skip		
		2 = 2000	12 = 120V		
			13 = skip		
			14 = 600V		

## DIMENSIONS

Wattage*	L - Length	
	Inch	mm
250	7.38	187
500	10.13	257
750	13.12	333
1000	16.12	409
1250	19.12	486

