

Band Heaters

HV Nozzle

Mica high-volume (HV) nozzle heaters are economically priced with the quality you expect from Watlow. Many common sized HV nozzle heaters are stocked and can be shipped the same day. Stocked and custom heaters are made with either metal braid ("A" leads) or fiberglass ("L" leads) and can stand sheath temperatures up to 482°C (900°F)

HV Nozzle with "A" and "L" Leads Features and Benefits

- **Low profile clamping** is perfect for limited-space applications because it requires only a $\frac{3}{8}$ inch (9.5 mm) clearance.
- **Same day shipment on stock** assures you get your product fast.
- **Two lead options to chose from** includes metal braid "A" leads and fiberglass "L" leads.
- **UL® certified available up to 240V**
- **Patented clamping strap**

HV Nozzle with Wedge-Lok Clamp Features and Benefits

- **Clamping available** where mounting space is limited.
- **Directional sliding mechanism** results in easy installation.
- **Permanently attached band** results in no bolts, nuts, flanges, screw drivers or wrenches required at installation.
- **UL® certified available up to 240V**

Applications

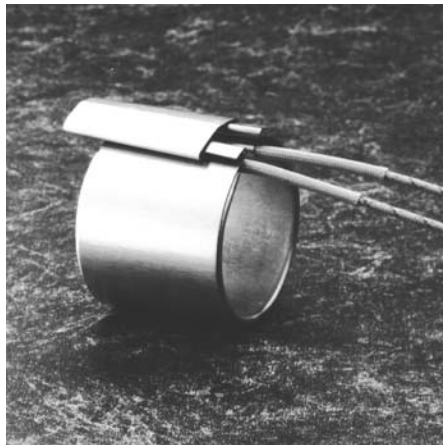
- Plastics processing
- Weather instrumentation
- Laboratory testing equipment



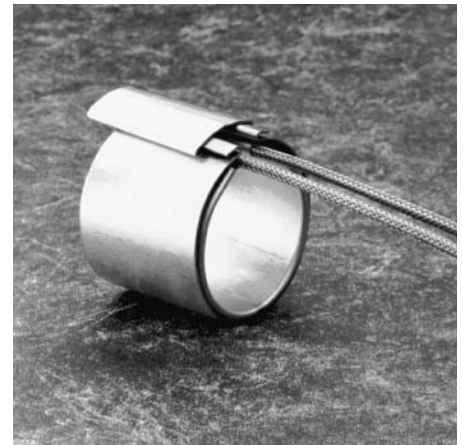
HV Nozzle with A Lead



HV Nozzle with L Lead



HV Nozzle with Wedge-Lok Clamp and L Lead



HV Nozzle with Wedge-Lok Clamp and A Lead

Band Heaters

HV Nozzle with “A” and “L” Leads

I.D.		Width		Volts	Watts	Code Number	Code Number
in.	(mm)	in.	(mm)			“A” Lead	“L” Lead
1	(25.4)	1	(25.4)	120	100	SHV1A1A1-A10	SHV1A1A1-L10
1	(25.4)	1	(25.4)	240	100	SHV1A1A2-A10	SHV1A1A2-L10
1	(25.4)	1	(25.4)	120	125	SHV1A1A4-A10	SHV1A1A4-L10
1	(25.4)	1	(25.4)	240	125	SHV1A1A3-A10	SHV1A1A3-L10
1	(25.4)	1 ½	(38.1)	120	150	—	SHV1A1J1-L10
1	(25.4)	1 ½	(38.1)	240	150	—	SHV1A1J5-L10
1	(25.4)	1 ½	(38.1)	240	200	SHV1A1J4-A10	SHV1A1J4-L10
1	(25.4)	2	(50.8)	240	200	SHV1A2A2-A10	SHV1A2A2-L10
1	(25.4)	3	(76.2)	240	300	SHV1A3A1-A10	SHV1A3A1-L10
1 ¼	(31.8)	1	(25.4)	120	125	SHV1E1A4-A10	SHV1E1A4-L10
1 ¼	(31.8)	1	(25.4)	240	125	SHV1E1A1-A10	SHV1E1A1-L10
1 ¼	(31.8)	1 ½	(38.1)	120	200	SHV1E1J4-A10	SHV1E1J4-L10
1 ¼	(31.8)	1 ½	(38.1)	240	200	SHV1E1J2-A10	SHV1E1J2-L10
1 ½	(38.1)	1	(25.4)	240	200	SHV1J1A1-A10	SHV1J1A1-L10
1 ½	(38.1)	1 ½	(38.1)	120	275	SHV1J1J1-A10	SHV1J1J1-L10
1 ½	(38.1)	1 ½	(38.1)	240	275	SHV1J1J2-A10	SHV1J1J2-L10
1 ½	(38.1)	1 ½	(38.1)	240	300	SHV1J1J4-A10	SHV1J1J4-L10
1 ½	(38.1)	1 ½	(38.1)	240	250	SHV1J1J5-A10	SHV1J1J5-L10
1 ½	(38.1)	2	(50.8)	120	300	SHV1J2A2-A10	SHV1J2A2-L10
1 ½	(38.1)	2	(50.8)	240	300	SHV1J2A3-A10	SHV1J2A3-L10
1 ½	(38.1)	2 ½	(63.5)	240	400	SHV1J2J2-A10	SHV1J2J2-L10
1 ½	(38.1)	3	(76.2)	120	400	SHV1J3A1-A10	SHV1J3A1-L10
1 ½	(38.1)	3	(76.2)	240	400	SHV1J3A2-A10	SHV1J3A2-L10
1 ½	(38.1)	3	(76.2)	120	450	—	SHV1J3A3-L10
1 ½	(38.1)	3	(76.2)	240	450	SHV1J3A8-A10	SHV1J3A8-L10
1 ½	(38.1)	4	(101.6)	120	600	SHV1J4A1-A10	SHV1J4A1-L10
1 ½	(38.1)	4	(101.6)	120	550	SHV1J4A3-A10	SHV1J4A3-L10
1 ½	(38.1)	4	(101.6)	240	550	SHV1J4A4-A10	SHV1J4A4-L10
1 ¾	(44.5)	1 ½	(38.1)	240	300	—	SHV1N1J1-L10
2	(50.8)	1 ½	(38.1)	240	300	SHV2A1J1-A10	SHV2A1J1-L10

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HV Nozzle with Wedge-Lok Clamp

I.D.		Width		Volts	Watts	Code Number "A" Lead	Code Number "L" Lead
in.	(mm)	in.	(mm)				
1	(25.4)	1	(25.4)	120	100	SHV1A1A1-A10W	SHV1A1A1-L10W
1	(25.4)	1	(25.4)	240	100	SHV1A1A2-A10W	SHV1A1A2-L10W
1	(25.4)	1	(25.4)	120	125	SHV1A1A4-A10W	SHV1A1A4-L10W
1	(25.4)	1	(25.4)	240	125	SHV1A1A3-A10W	SHV1A1A3-L10W
1	(25.4)	1 ½	(38.1)	120	150	—	SHV1A1J1-L10W
1	(25.4)	1 ½	(38.1)	240	150	—	SHV1A1J5-L10W
1	(25.4)	1 ½	(38.1)	240	200	SHV1A1J4-A10W	SHV1A1J4-L10W
1	(25.4)	2	(50.8)	240	200	SHV1A2A2-A10W	SHV1A2A2-L10W
1 ½	(38.1)	1	(25.4)	240	200	SHV1J1A1-A10W	SHV1J1A1-L10W
1 ½	(38.1)	1 ½	(38.1)	120	275	SHV1J1J1-A10W	SHV1J1J1-L10W
1 ½	(38.1)	1 ½	(38.1)	240	275	SHV1J1J2-A10W	SHV1J1J2-L10W
1 ½	(38.1)	1 ½	(38.1)	240	300	SHV1J1J4-A10W	SHV1J1J4-L10W
1 ½	(38.1)	2	(50.8)	120	300	SHV1J2A2-A10W	SHV1J2A2-L10W
1 ½	(38.1)	2	(50.8)	240	300	SHV1J2A3-A10W	SHV1J2A3-L10W
1 ½	(38.1)	2 ½	(63.5)	240	400	SHV1J2J2-A10W	SHV1J2J2-L10W
1 ½	(38.1)	3	(76.2)	120	450	—	SHV1J3A3-L10W
1 ½	(38.1)	3	(76.2)	240	450	SHV1J3A8-A10W	SHV1J3A8-L10W
1 ½	(38.1)	4	(101.6)	120	550	SHV1J4A3-A10W	—
1 ½	(38.1)	4	(101.6)	240	550	SHV1J4A4-A10W	SHV1J4A4-L10W
1 ¼	(44.5)	1 ½	(38.1)	240	300	—	SHV1N1J1-L10W
2	(50.8)	1 ½	(38.1)	240	300	SHV2A1J1-A10W	SHV2A1J1-L10W