

# VIKING PUMP

A Unit of IDEX Corporation

NEW Viking® Electric Heat Option

## Electric Heat Option for Asphalt Pumps

Electric heat, now available on Viking Universal Seal series, can be used as an alternative to heating with hot oil or steam.

### How Does it Work?

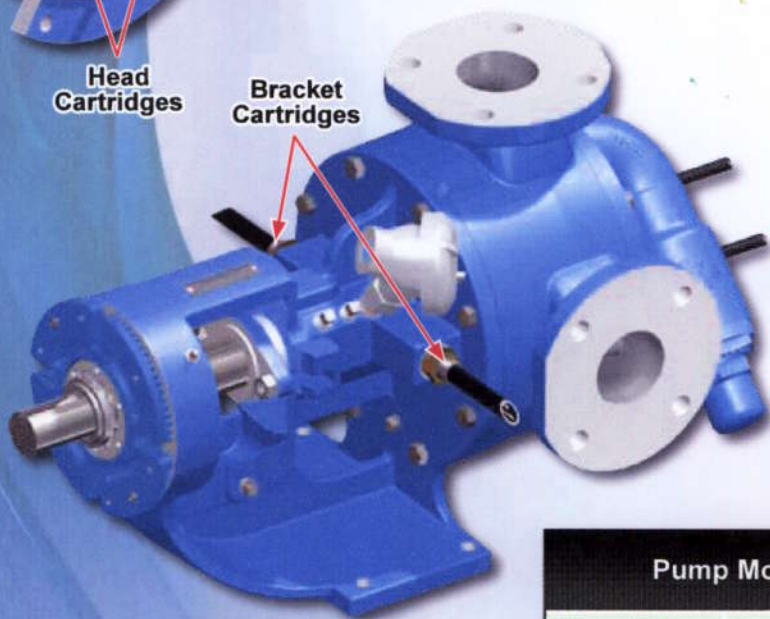
#### Pump is heated by electric heat cartridges vs. heating jackets

- Two heat cartridges located on bracket flange **heat area behind the rotor**, to ensure sufficient heating in the shaft bushing and stuffing box.
- Patent pending design uses heat cartridges **installed in the crescent** to quickly melt asphalt throughout the casing.



Head Cartridges

Bracket Cartridges

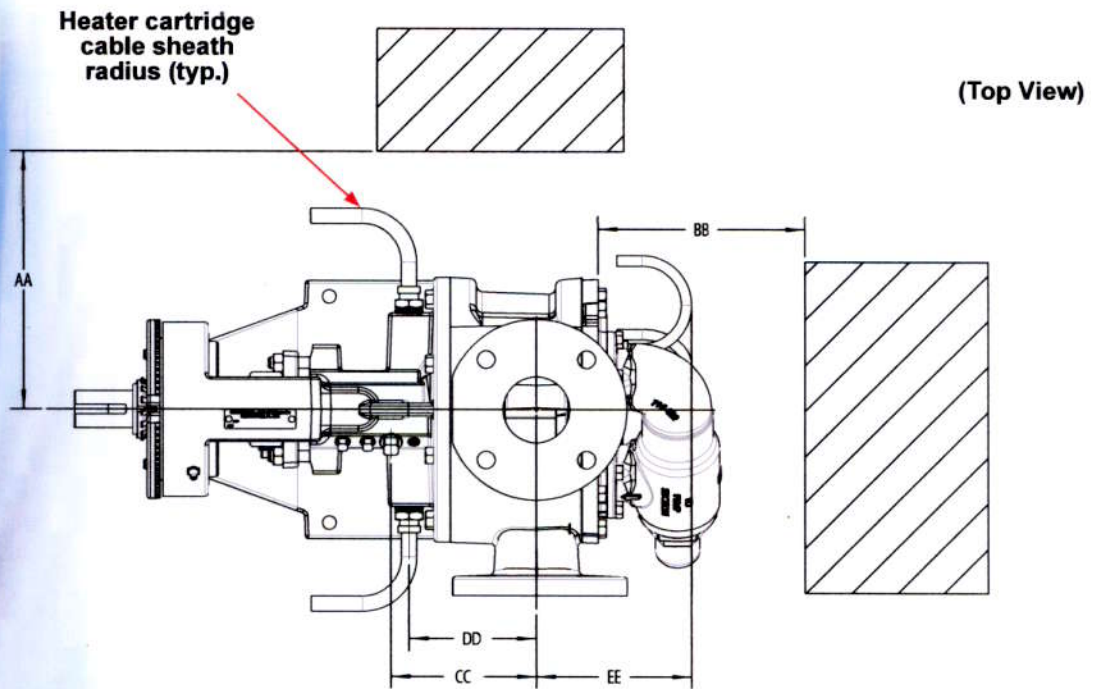


### Features & Benefits:

- **Lower installation costs** in remote locations when steam or hot oil is not available or requires long piping runs.
- **Reduced energy costs** with heat source in pump vs. external heat tracing.
- **Reduced environmental costs** by elimination of hot oil to heat pump.
- **Improve safety** by eliminating hot oil or steam piping.
- **Simplified service** due to lack of hot oil or steam connections.

Pump Model		Head Cartridges	Bracket Cartridges
K124E	K124EH	3	2
KK124E	KK124EH	3	2
L/LQ124E	L/LQ124EH	2	2
LL124E	—	2	2
LS124E	LS124EH	2	2
Q124E	—	3	2
QS124E	—	3	2

# Dimensions



Model	Bracket Heater to Port Center Line (DD)		Temp Probe to Port Center Line (CC)		Head Heater to Port Center Line (EE)		Bracket Heater Clearance to Allow Removal (AA)		Head Heater Clearance to Allow Removal (BB)	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
K124E	4.14	105.16	4.88	123.95	5.66	143.76	8.13	206.50	7.75	196.85
KK124E	4.14	105.16	4.88	123.95	5.66	143.76	8.13	206.50	7.75	196.85
L124E	4.92	124.97	5.62	142.75	5.71	145.03	7.00	177.80	6.25	158.75
LQ124E	4.92	124.97	5.62	142.75	5.75	146.05	7.00	177.80	6.25	158.75
LL124E	4.92	124.97	5.62	142.75	6.25	158.75	7.00	177.80	6.75	171.45
LS124E	6.09	154.69	6.25	158.75	6.44	163.58	7.00	177.80	6.50	165.10
Q124E	5.83	148.08	7.33	186.18	8.25	209.55	9.25	234.95	7.75	196.85
QS124E	6.33	160.78	7.83	198.88	9.25	234.95	9.25	234.95	7.75	196.85

For more information, contact your local Authorized Viking Pump Distributor or contact Viking at:

## VIKING PUMP, INC.

A Unit of IDEX Corporation  
 406 State Street  
 Cedar Falls, Iowa 50613-0008 U.S.A.  
 Telephone: (319) 266-1741  
 Fax: (319) 273-8157  
 E-mail: [info.viking@idexcorp.com](mailto:info.viking@idexcorp.com)  
 Web site: [www.vikingpump.com](http://www.vikingpump.com)

### CANADA

Windsor, Ontario  
 Phone: (519) 256-5438  
 Fax: (519) 256-5070  
[www.vikingpumpcanada.com](http://www.vikingpumpcanada.com)

### EUROPE

Shannon, Ireland  
 Phone: +353 (61) 471933  
 Fax: +353 (61) 475046  
[www.vikingpump.com](http://www.vikingpump.com)

### LATIN AMERICA

Mexico D.F., C.P.  
 Phone: +52 (55) 5255-1357  
 Fax: +52 (55) 5255-1356  
 Brazil - Sao Paulo  
 Phone: +55 (19) 3871-3500  
 Fax: +55 (19) 3871-6400

### ASIA-PACIFIC GROUP

Singapore  
 Phone: +65-6763-8633  
 Fax: +65-6764-4020  
[www.idexfmt-asia.com](http://www.idexfmt-asia.com)

### China - Shanghai

Phone: +86-21-5241-5599  
 Fax: +86-21-5241-8339  
[www.idexfmt-asia.com](http://www.idexfmt-asia.com)

### China - Beijing

Phone: +86-10-6566-9090  
 Fax: +86-10-6567-5152  
[www.idexfmt-asia.com](http://www.idexfmt-asia.com)

### China - Guangzhou

Phone: +86-20-3886-6156  
 Fax: +86-20-3886-2776  
[www.idexfmt-asia.com](http://www.idexfmt-asia.com)

### India - Mumbai

Phone: +91-22-66780049/53  
 Fax: +91-9820334270  
[www.idexfmt-asia.com](http://www.idexfmt-asia.com)

### ASIA-PACIFIC GROUP

China - Chengdu  
 Phone: +86-28-86767458  
 Fax: +86-28-86767468  
[www.idexfmt-asia.com](http://www.idexfmt-asia.com)

### China - Suzhou

Phone: +86-512-62833000  
 Fax: +86-512-62833010  
[www.idexfmt-asia.com](http://www.idexfmt-asia.com)

### Korea - Seoul

Phone: +82-19-9134-1110  
 Fax: +82-2-556-0788  
[www.idexfmt-asia.com](http://www.idexfmt-asia.com)

### Australia & New Zealand

Phone: +61 0 4577 4534  
 Fax: +61 0 448 480 640  
[www.idexfmt-asia.com](http://www.idexfmt-asia.com)

### MIDDLE EAST

IDEX Middle East FZE  
 Dubai, UAE  
 Phone: +971-4-299-1095/1097  
 Fax: +971-4-299-1069  
[www.idexfmt-asia.com](http://www.idexfmt-asia.com)