VIKING PUMP®

124E SERIES™, 324E SERIES™

*CAST IRON CONSTRUCTION | ELECTRICALLY HEATED ASPHALT PUMP*

ELECTRIC HEATING

Electrically heated pumps can be used as an alternative to jacketed pumps that require liquid or steam for heating. Electric heat cartridges on the bracket and head ensure the asphalt is in a liquid state prior to startup. Viking's temperature control system uses a thermocouple to monitor pump temperature and send a signal back to a controller with adjustable set point. When the pump reaches temperature, the asphalt is liquid and the controller stops heating. Relays can be used to alert the operator or allow the motor to safely begin operation.

FEATURES & BENEFITS

❚ Rugged design provides superior performance in asphalt applications

❚ Lower installation costs in remote locations when steam or hot oil is not available

❚ Reduced energy costs through elimination of heat loss through steam or hot oil piping

Controller

Bracket Cartridges

Head Cartridges

Thermocouple with Thermowell
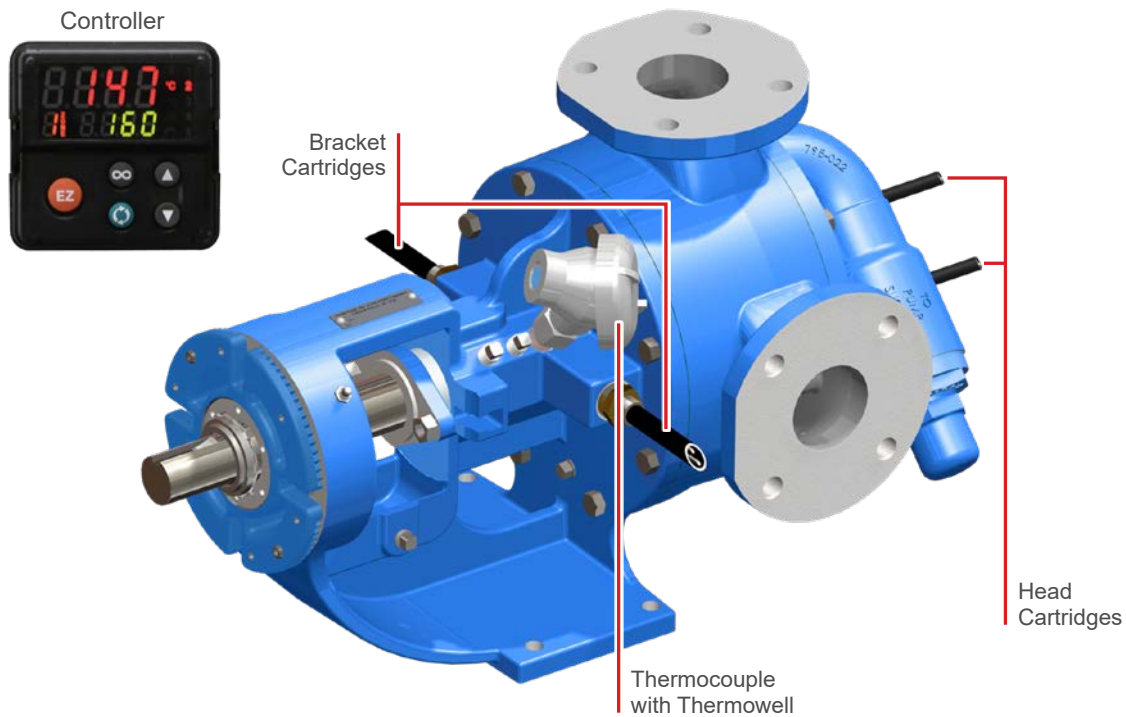
CAPACITY	PRESSURE	VISCOSITY	TEMPERATURE
to 685 GPM (155 m³/h)	to 200 PSI (14 BAR)	to 2,000,000 SSU (to 440,000 cSt)	-60°F to +450°F (-50°C to +230°C)

PERFORMANCE

MODELS	SPECIFICATIONS				
Packed Gland, Electric Heat	Nominal Pump Rating (750 SSU & Below)			Standard Ports	
	Max Speed, RPM	GPM	m³/h	Size, Inches	Type
H124E	1750	15	3.4	1.5	NPT
HL124E	2900	50	11	1.5	NPT
K124E	950	90	20	2	NPT
KK124E	950	120	27	2	NPT
L124E	950	210	48	2	NPT
LQ124E	950	210	48	2.5	Flange
LL124E	520	140	32	3	Flange
LS124E	720	230	52	3	Flange
Q124E	520	300	68	4	Flange
QS124E	520	500	114	6	Flange
N324E	420	685	155	6	Flange

Note: Max speeds shown for sizes HL, K, KK, L/LQ, LS & N are for clean asphalt only.

Consult catalog section 1465 for full performance specifications.

CURVES

NPT PORTS

FLANGE PORTS
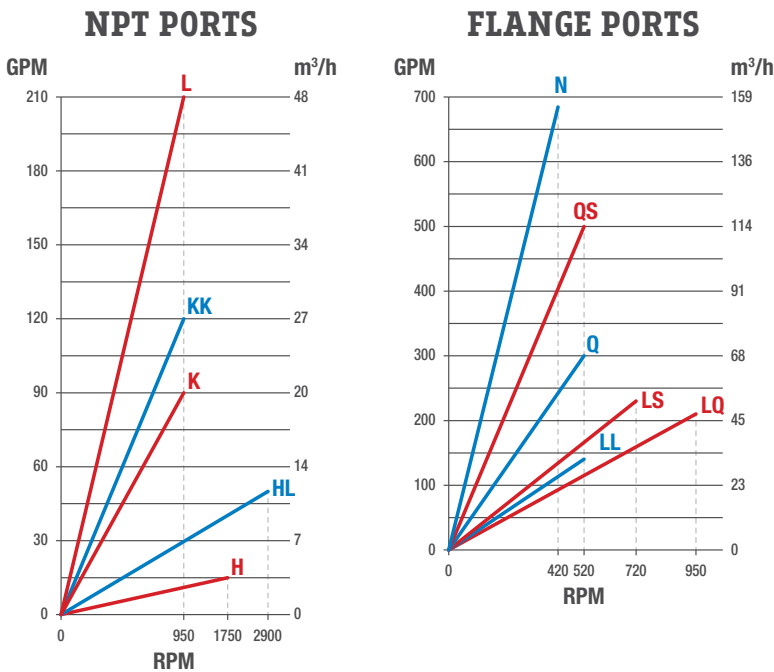
PORTING

▌ Right Angle (90°) (Rotatable Casing), H-Q

▌ Opposite (180°), QS & N

▌ NPT

▌ Flanged (ANSI)

SEALING

▌ Packing

MOUNTING

▌ Foot Mount

DRIVES

Ⓡ Offset Gear Reducer Drive

Ⓟ Purchased Gear Reducer Drive

Ⓓ Direct-Mounted Drive, H-AL

Ⓥ V-Belt Drive

TYPICAL APPLICATIONS

▌ Polymer Modified Asphalts (PMA)

▌ Cutback Asphalt

▌ Flux

▌ Blown Asphalt

▌ Asphalt Emulsion

▌ Pitch

▌ Tar

CONTACT YOUR STOCKING DISTRIBUTOR TODAY

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IDEX