

HEP1 | ELECTRIC DRIVEN TWO STAGE COMPACT PUMPS

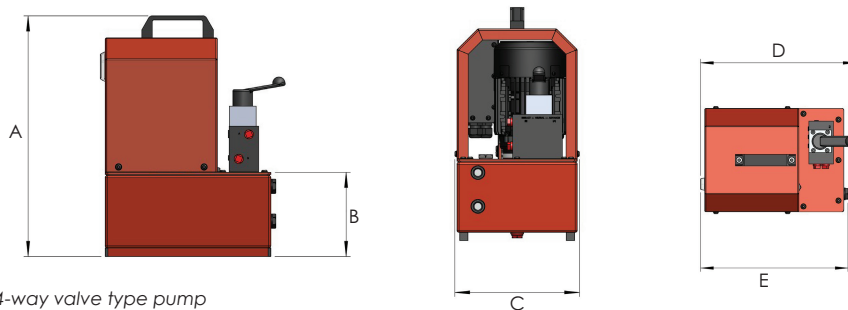


Working pressure 10000 psi

Two stage operation

Choice of valve options

- ▶ Usable oil reservoir capacity 1.06 gallons
- ▶ Two-stage pump design with maximum flow rates of 158.66 inch³/minute (1st stage) and 21.97 inch³/minute (2nd stage)
- ▶ Choice of 110V 50 Hz, 120V 60 Hz, 230V 50 Hz, and 220V 60 Hz single-phase electric motors
- ▶ Choice of 3-way dual-purpose valve (advance/auto retract for crimping and cutting and advance/hold/retract for lifting) and 4-way manual valve with load holding
- ▶ 3-way and 4-way valves are available with or without externally adjustable pressure relief valve and pressure gauge
- ▶ Pumps with suffix 'R' in the model number are fitted with an externally adjustable relief valve and glycerin filled pressure gauge
- ▶ Internal pressure relief valve set at 10000 psi
- ▶ Remote hand pendant controller with 10 feet control cable
- ▶ Ingress protection tested and IP55 rated



Drawing shows a 4-way valve type pump

Model number	Valve type	*Usable oil capacity (gallons)	Maximum flow rate (inch ³ /minute)		Motor voltage	Model number (60 Hz motor)	**Weight (lbs)	Dimensions (in)				
			1 st stage	2 nd stage				A	B	C	D	E
HEP1341	3-way	1.06	158.66	21.97	110V 50 Hz-1Ph	HEP1341H	54.0	17.73	6.3	9.46	13	13
HEP1341R	3-way	1.06	158.66	21.97	110V 50 Hz-1Ph	HEP1341HR	56.2	17.73	6.3	9.46	13	13
HEP1342	3-way	1.06	158.66	21.97	230V 50 Hz-1Ph	HEP1342H	5.04	17.73	6.3	9.46	13	13
HEP1342R	3-way	1.06	158.66	21.97	230V 50 Hz-1Ph	HEP1342HR	56.2	17.73	6.3	9.46	13	13
HEP1441	4-way	1.06	158.66	21.97	110V 50 Hz-1Ph	HEP1441H	55.1	17.73	6.3	9.46	13.79	13
HEP1441R	4-way	1.06	158.66	21.97	110V 50 Hz-1Ph	HEP1441HR	57.3	17.73	6.3	9.46	13.79	13
HEP1442	4-way	1.06	158.66	21.97	230V 50 Hz-1Ph	HEP1442H	55.1	17.73	6.3	9.46	13.79	13
HEP1442R	4-way	1.06	158.66	21.97	230V 50 Hz-1Ph	HEP1442HR	57.3	17.73	6.3	9.46	13.79	13

*Total oil reservoir capacity 1.85 gallons (approx.)

**Weight including oil filled to maximum level

Note: All 110V and 230V models are supplied to run at 50 Hz as standard, refer to the table for pumps with 60 Hz motor. 60 Hz models operate at 120V and 220V and deliver approximately 15-20% higher flow rate.