



Model Code

EH B20 R 1 - HV V
 1 2 3 4 5 6

1 Pump Series

EH Electronic metering pump with external pulse control or manual speed control (adjustable to 240 strokes per minute) and manually adjustable stroke length. (Typical turndown ratio 100:1.)

2 Capacity/Pressure Rating (See Section 1.4 for detailed chart.)

3 Control Module

R For use on all EHB & EHC models, features external pulse control.
Y For use on all EHB & EHC models, features analog, pulse divide and multiply.
E For use on all EHE models, features analog, pulse divide and multiply.

4 Voltage

1 115 VAC, 50/60 Hz
2 230 VAC, 50/60 Hz

5 Liquid End HV

PVC	Head and fittings	PTFE	Diaphragm (bonded to EPDM)
CE	Valve ball	FKM	Valve seal
HC	316SS Valve spring	PTFE	Gasket
PCTFE	Valve seat		

CE	Alumina ceramic	PCTFE	Polychlorotrifluoroethylene
EPDM	Ethylene propylene diene monomer	PTFE	Polytetrafluoroethylene
FKM	Fluoroelastomer	PVC	Polyvinylchloride
HC	Hastelloy C276		

6 Options

V Standard NPT connection with back pressure/anti-syphon valve included.

BLANK No option

Specifications

Electrical	50/60 Hz, single phase		
EHB	115 VAC±10%	0.9 Amp max.	16 watt avg.
	230 VAC±10%	0.3 Amp max.	16 watt avg.
EHC	115 VAC±10%	1.4 Amp max.	24 watt avg.
	230 VAC±10%	0.5 Amp max.	24 watt avg.
EHE	115 VAC±10%	1.8 Amp max.	48 watt avg.
	230 VAC±10%	0.8 Amp max.	48 watt avg.

Operating Conditions

Ambient temperature	32°F to 122°F (0°C to 50°C)
Relative humidity	30% to 90% non-condensing
Liquid temperature	32°F to 104°F (0°C - 40°C)

Capacity/Pressure Rating

Size	Maximum Output Capacity		Output per Stroke (mL)		Maximum Pressure		Connection Size (in)
	(Gal/hr)	(mL/min)	Min.	Max.	PSI	MPa	
B20	1.0	65	0.11	0.26	50	0.35	½" NPT
C20	1.5	95	0.16	0.40	50	0.35	½" NPT
C30	2.0	126	0.21	0.52	50	0.35	½" NPT
E35	4.0	252	0.21	1.05	50	0.35	¾" NPT

Adjustment Range

Recommended stroke length adjustment range

EHB, EHC 40% to 100%

EHE 20% to 100%

Frequency adjustment range

0 to 240 strokes per minute