1.3 Specifications

EH	E35	E	1	-	PC	V
1	2	3	4		5	6

1 Pump Series

EHE Electronic metering pump with external pulse control or manual speed control (adjustable to 360 strokes per minute) and manually adjustable stroke length. (Typical turndown ratio 1800:1.)

2 Capacity/Pressure Rating

Size	Output Capacity (GPH) min	Output Capacity (GPH) max	Output Capacity (mL/min) min	Output Capacity (mL/min) max	Output per stroke (mL) min	Output per stroke (mL) max	Maximum Pressure (PSI)	Maximum Pressure (MPa)	Conn. Size (in) Tubing O.D.
E30	0.0031	5.5	0.189	340	0.189	0.94	150	1.0	½
E35	0.0047	8.5	0.289	520	0.289	1.44	105	0.7	½
E45	0.0067	12.0	0.417	750	0.417	2.08	60	0.4	½
E55	0.0111	20.0	0.694	1250	0.694	3.47	30	0.2	½

3 Control Module

E For use on all EHE models, features analog and external pulse control with pulse divide and multiply capability.

4 Voltage

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

5 Liquid End

Liquid End Code	Pump Head & Fittings	Diaphragm*	Valve Balls	Valve Seat	Valve Seals	Gasket	Tubing
VC	PVC	PTFE	CE	FKM	FKM	PTFE	PE
VE	PVC	PTFE	CE	EPDM	EPDM	PTFE	PE
VF	PVC	PTFE	PTFE	EPDM	EPDM	PTFE	PE
V6	PVC	PTFE	SS	EPDM	EPDM	PTFE	PE
PC	GFRPP	PTFE	CE	FKM	FKM	PTFE	PE
PE	GFRPP	PTFE	CE	EPDM	EPDM	PTFE	PE
FC	PVDF	PTFE	CE	PCTFE	PTFE	PTFE	PE
VM✞	M-PVC	PTFE	CE	FKM	PTFE	PTFE	PE

✞ E55 Model only * Bonded to EPDM

Materials of Construction

CE	Alumina ceramic
EPDM	Ethylene propylene diene monomer
FKM	Fluoroelastomer
GFRPP	Glass fiber reinforced polypropylene
M-PVC	Machined polyvinylchloride
SS	316 Stainless steel
PCTFE	Polychlorotrifluoroethylene
PE	Polyethylene
PTFE	Polytetrafluoroethylene
PVC	Polyvinylchloride (translucent)
PVDF	Polyvinylidenefluoride

6 Special Head Options

Blank Standard ½" tube connection with tube style injection & foot valves.
V Standard ½" tube connection with back pressure/anti-syphon valve, tube style injection & foot valves.
T ¾" NPT (male) pipe thread connection. No accessory valves.
P ¾" NPT (male) connection with back pressure/anti-syphon valve.

Adjustment Range

Recommended stroke length adjustment range	20% to 100%
Recommended frequency adjustment range	0 to 360 strokes per minute