WALCHEM

EHE 31, 36, 46, 56 Specifications

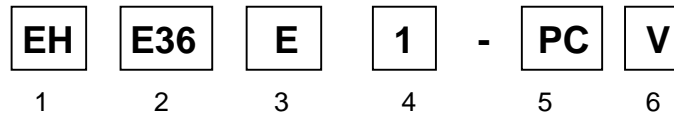| EH	E36	E	1	-	PC	V
1	2	3	4		5	6

1   Pump Series
EH   Microprocessor control for all EHE models. Features manual speed control from 1 to 360spm in 1 spm increments. External control from pulse signal with internal multiply and divide or from analog 4-20mA signal.

2   Capacity/Pressure Rating

	Output Capacity				Output per stroke (mL)		Maximum Pressure		Conn. Size (in) Tubing O.D.
	(GPH)		(mL/min)						
Size	min	max	min	max	min	max	(PSI)	(MPa)	
E31	0.0031	5.5	0.189	340	0.189	0.94	150	1.0	½
E36	0.0047	8.5	0.289	520	0.289	1.44	105	0.7	½
E46	0.0067	12.0	0.417	750	0.417	2.08	60	0.4	½
E56	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 external pulse control with pulse capability (pulse divide, multiply, analog)

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
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

✝ E56 Model only   * Bonded to EPDM

Materials of Construction

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

6   Special Head Options

Blank   Standard ½" tube connection. No accessory valve.
V   Standard ½" tube connection with back pressure/anti-syphon valve, except on FC models.
T   ¾" NPT (male) pipe thread connection. (No MAVV)
P   ¾" NPT (male) connection with back pressure/anti-syphon valve. (No MAVV)

All pumps also include a manual air vent valve except for FC liquid ends and options P and T.
All pumps include one foot valve, one injection valve, 20 ft. of polyethylene tubing and one ceramic weight, except for option P and T.