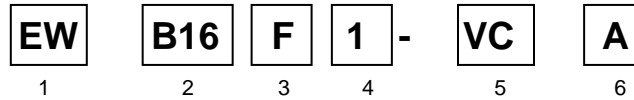


### EW 11,16,21,31,36 Model Code



#### 1 Pump Series

**EW** IP 65 electronic metering pump with external pulse control or manual speed control (adjustable to 360 strokes per minute) and manually adjustable stroke length. (Turndown ratio 1800:1.)

#### 2 Capacity/Pressure Rating

Size	Maximum Output Capacity		Max. Output per Stroke (mL) Max.	Maximum Pressure <sup>1</sup>		Connection Size (in) Tubing O.D
	(Gal/hr)	(mL/min)		PSI	MPa	
<b>B11</b>	0.6	38	0.11	150	1.0	3/8
<b>B11-H</b>	0.3	21	0.09	250	1.7	3/8 (suc) x 1/4 NPT (dis)
<b>B16</b>	1.0	65	0.18	105	0.7	3/8
<b>B21</b>	1.8	115	0.32	60	0.4	3/8
<b>B31</b>	3.3	210	0.58	30	0.2	1/2
<b>C16</b>	1.3	80	0.22	150	1.0	3/8
<b>C16-H<sup>3</sup></b>	0.6	40	0.17	250	1.7	3/8 (suc) x 1/4 NPT (dis)
<b>C21</b>	2.3	145	0.40	105	0.7	3/8
<b>C31</b>	4.3	270	0.75	50	0.35	1/2
<b>C36<sup>2</sup></b>	6.7	420	1.17	30	0.2	1/2

<sup>1</sup> Auto Air vent valve reduces maximum pressure approx. 35 PSI (0.2 MPa)

<sup>2</sup> Output of the EWC36-TC/FC/SH is 6.3 GPH (400 ml/min)

<sup>3</sup> Max pump speed is 240 SPM

#### 3 Control Module

**F** For use on all EW models, features digitally adjustable speed and external pulse input control, stop & pre-stop inputs

**Y** For use on all EW models, features analog input, digital input & divide, PosiFlow input and alarm outputs.

#### 4 Voltage

**1** 115 VAC, 50/60 Hz

**2** 230 VAC, 50/60 Hz

## 5 Liquid End

Liquid End Code	Pump Head & Fittings	Diaphragm	Valve Balls	Valve Seat	Valve Seals	Gasket	Tubing
<b>PC</b>	GFRPP	PTFE (bonded to EPDM)	CE	FKM	FKM	PTFE	PE
<b>PE</b>	GFRPP		CE	EPDM	EPDM		
<b>VC</b>	PVC		CE	FKM	FKM		
<b>VE</b>	PVC		CE	EPDM	EPDM		
<b>VF</b>	PVC		PTFE	EPDM	EPDM		
<b>TC</b>	PVDF		CE	FKM	FKM		
<b>FC</b>	PVDF		CE	PCTFE	PTFE		
<b>SH</b>	SS		HC	HC	PTFE		

## 6 Options

- A** Auto air vent valve installed in place of manual air vent valve. Available for B11, B16, C16 and C21 sizes with –VC liquid ends.
- M** Multifunction Valve is supplied in place of the manual air vent valve. Available for the 11, 16 and 21 size pumps with VC, VE, VF, PC, and PE liquid ends. Not available with the AAVV feature.
- H** High pressure pump configuration available with PC, PE liquid ends only. High pressure pump max speed is 240 SPM.