

## Reference Specifications

	Max Output		Max Pressure	
	GPH	MI/min	PSI	MPa
<b>EWN Series</b>				
EWN-B09	0.2	12	150	1
EWN-B11	0.6	38	150	1
EWN-B11-H	0.4	25	250	1.7
EWN-B11-H2	0.3	17	290	2
EWN-B16	1	65	105	0.7
EWN-B21	1.6	100	60	0.4
EWN-B31	3.2	200	30	0.2
EWN-C16	1.3	80	150	1
EWN-C16-H	0.6	40	250	1.7
EWN-C21	2.1	130	105	0.7
EWN-C31	4.3	270	50	0.35
EWN-C36	6.7	410	30	0.2
<b>EJ Series</b>				
EJ-B09	0.3	19	175	1.2
EJ-B11	0.5	30	150	1.5
EJ-B16	0.8	50	90	0.6
EJ-B21	1.3	80	45	0.3
<b>EHE Series</b>				
EHE31	5.5	340	150	1
EHE36	8.5	520	105	0.7
EHE46	12	750	60	0.4
EHE56	20	1250	30	0.2
<b>HV Series</b>				
EWN-C31	2.3	145	73	0.5
EHE36HV	4	252	73	0.5
<b>EZ Series</b>				
EZB11	0.6	38	150	1
EZB16	1	65	105	0.7
EZB21	1.5	95	60	0.4
EZB31	3.2	200	30	0.2
EZC16	1.3	80	150	1
EZC21	2	130	105	0.7
EZC31	4.3	270	50	0.35
EZC36	6.3	400	30	0.2
<b>LK Series</b>				
	<b>GPH (60 Hz)</b>	<b>LPH (50 Hz)</b>	<b>PSI</b>	<b>MPa</b>
LKN32	9.5	30	225	1.5
LKN45	15.9	50	225	1.5
LKN47	31.8	100	120	0.8
LKN55	53.4	168	75	0.5
LKN57	114.3	360	45	0.3

<b>IX Series</b>	<b>GPH</b>	<b>LPH</b>	<b>PSI</b>	<b>MPa</b>
IX-B007	2.0	7.5	250	1.7
IX-B015	4.0	15	145	1.0
IX-B030	7.9	30	87	0.6
IX-B045	11.9	45	58	0.4
IX-C060	15.8	60	145	1
IX-C150	39.6	150	58	0.4
IX-D150	39.6	150	145	1
IX-D300	79.2	300	<b>73</b>	0.5

## Metering Pump Model Code

Walchem E-Series Metering Pumps offer superior dosing capability. Superb valve performance and advanced solenoid engineering combine to make a highly precise pump. Its high speed of operation and long service life fit it for applications requiring a pump three times its physical size. Super quiet and compact, E-Series metering pumps prime in seconds and hold prime reliably. LKN and IX Series metering pumps are rugged mechanically actuated diaphragm pumps retaining the advanced design features of the solenoid pumps yet offering high flow rates and output pressures.

### Control Options

- EWN-R** On/Off with 0-360 digital speed control, external stop/start, programmable 4-20mA input and digital pulse input with pulse multiplier/divider control.
- EWN-Y** ON/OFF with 0-360 digital speed control, external stop/start, programmable 0-20mA input, digital pulse input with multiplier/divider/Batch control and auxiliary input override. Use w/ EFS Sensor for flow measurement and pump control or w/ PosiFlow for feed verification. Internal totalization and 0-20mA output for feedback.
- EH-E** EHE Series only – On/Off with 0-360 digital speed control, external stop/start, programmable 4-20mA input and digital pulse input with pulse multiplier/divider control.
- EZ-D** EZ Series only – On/Off with 0-360 digital speed control, fixed stroke length.
- EZ-T** EZB Series only – daily, 7 day or 14 day programmable timer.
- EJ-R** EJ Series only – On/Off with 0-360 digital speed control, 1:1 digital pulse control & external stop

### Liquid End Materials (not all combinations are available on all series)

Liquid End Code	Pump Head & Fittings	Diaphragm	Valve Ball	Valve Seat	Valve Seals	Gasket
PC / PCH	GFRPP	PTFE BONDED TO EPDM	CE	FKM	FKM	PTFE
PE / PEH	GFRPP		CE	EPDM	EPDM	
VC	PVC		CE	FKM	FKM	
VE	PVC		CE	EPDM	EPDM	
VF	PVC		PTFE	EPDM	EPDM	
VM	M PVC		CE	FKM	FKM	
FC	PVDF		CE	PCTFE	PTFE	
TC	PVDF		CE	FKM	FKM	
HV	GFRPP		316SS	PCTFE	FKM	
SH / SHH / SHN	SS		HC	SS	PTFE	
VS	PVC		HC/SS	304SS	EPDM	
VH	PVC		HC	PVC	EPDM	
S6	316SS		HC/316SS	316SS	----	
P6	GFRPP		316SS	PCTFE	----	
PA / PAH	GFRPP		CE	PCTFE	AFLAS®	
TA	PVDF		CE	PCTFE	AFLAS®	

CE	Alumina ceramic	PE	Polyethylene
EPDM	Ethylene propylene diene monomer	PTFE	Polytetrafluoroethylene
FKM	Fluoroelastomer	PVC	Polyvinylchloride (translucent)
GFRPP	Glass fiber reinforced polypropylene	PVDF	Polyvinylidene fluoride
316SS	316 stainless steel	PCTFE	Polychlorotrifluoroethylene
		HC	Hastelloy C276

- Suffixes:**
- (H) High Pressure version (250 PSI)
  - (H2) High Pressure version (290 PSI)
  - (N) No Manual Air Vent Valve version
  - (A) Includes 'Y' style Auto Degassing valve below the Manual Air Vent Valve
  - (A-F) Includes 1st generation Auto Air Vent Valve
  - (M) Includes Multi-Function valve
  - (C) High Compression model. Includes Auto Degassing valve