

# Walchem EWN-R Metering Pumps

**W A L C H E M**

**Digital display**

- **Highly versatile**—control using analog or pulse inputs\*
- **Auto degassing valves on chlorine-specific pumps vent without losing pressure**

Economical EWN-R pumps offer the pumping accuracy and advanced control options typically found on more expensive pumps. Dual-ball check valve assemblies in the suction and discharge fittings guarantee reliable performance. Precision ball guides and tapered seats ensure complete ball seating with every stroke with every stroke for fast priming, accurate feed control and extended diaphragm life. Improved diaphragm design provides leak-free operation.

Pumps offer high-speed operation up to 360 strokes per minute. Their high compression ratio ensures proper feed, especially with off-gassing chemicals like sodium hypochlorite. 1800:1 turndown offers optimal flexibility across a number of applications. Pumps accept pulse inputs or fixed/scalable analog inputs; program via the user-friendly menu. Pulse inputs can be multiplied or divided to work best with your application. Normally open/normally closed output relay is programmable for STOP or SPM—use it to control an alarm or switch to a second pump.

Choose from pumps for chlorine, general chemicals, caustics or fluoride. They're available with your choice of manual air vent valves; auto-degassing valves to prevent gas-lock conditions; or multifunction valves for anti-siphoning, backpressure, air vent/bleed and pressure relief.

\* Analog/pulse control requires stock # 62765.

**Pumps include:**

injection valve, foot valve, ceramic weight and 20 feet of polyethylene tubing.

**Repair kits include:** diaphragm & retainer, valve guides, valve seats, check balls, gaskets and O-rings.



34358

## Pumps for Chlorine & General Chemicals

Use with aluminum sulfate (alum), ammonium chloride, ammonium sulfate, calcium hypochlorite, ferric sulfate, potassium permanganate, sodium bisulfate, sodium hexametaphosphate and sodium hypochlorite. Call for compatibility with other chemicals.

**Wetted materials:** PVC head, PVDF gaskets, ceramic check balls, PTFE diaphragm and FKM seals.

**Chlorine & General**

MFR #	MAX GPD	PSI	CONNECTION	STOCK #	EACH	REPAIR KITS	STOCK #	EACH
<b>MODELS WITH AUTO-DEGASSING VALVES</b>								
EWN-B11VCURA	12	150	3/8" OD Tube	62595	\$	N11VCA-PK	62658	\$
EWN-C16VCURA	24	150	3/8" OD Tube	34351		N16VCA-PK	62659	
EWN-C21VCURA	40.8	105	3/8" OD Tube	34354		N21VCA-PK	62660	
<b>MODELS WITH MULTIFUNCTION VALVES</b>								
EWN-B11VCURM	14.4	150	3/8" OD Tube	34355	\$	N11VC-PK	62661	\$
EWN-C16VCURM	31.2	150	3/8" OD Tube	34356		N16VC-PK	62662	
EWN-C21VCURM	50.4	105	3/8" OD Tube	34357		N21VC-PK	62663	
<b>MODELS WITH MANUAL AIR VENT VALVES</b>								
EWN-C31VCUR	103.2	50	1/2" OD Tube	34358	\$	N31VC-PK	62664	\$
EWN-C36VCUR	160.8	30	1/2" OD Tube	34359		N36VC-PK	62665	



THIS PRODUCT HAS BEEN TESTED AND CERTIFIED BY THE WATER QUALITY ASSOCIATION ACCORDING TO NSF/ANSI 61 FOR DRINKING WATER SAFETY.

**2-year bumper-to-bumper warranty**

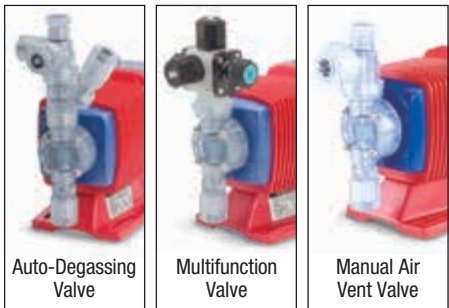
**Maximum viscosity:** 100 cP  
**Suction lift:** 5 feet  
**Turndown rate:** 1800:1  
**Accuracy:** ±2%  
**Input:** 4-20 mA and pulse  
**Power:** 115 VAC

## Pumps for Caustic Soda

Use with ammonium hydroxide, methanol and sodium hydroxide (caustic). Call for compatibility with other chemicals. **Wetted materials:** PVC head, PVC fittings, ceramic check balls, PTFE diaphragm and EPDM seals.

**Caustic Soda**

MFR #	MAX GPD	PSI	CONNECTION	STOCK #	EACH	REPAIR KITS	STOCK #	EACH
<b>MODELS WITH MULTIFUNCTION VALVES</b>								
EWN-B11VEURM	14.4	150	3/8" OD Tube	350901	\$	N11VE-PK	350868	\$
EWN-C16VEURM	31.2	150	3/8" OD Tube	350902		N16VE-PK	350869	
EWN-C21VEURM	50	105	3/8" OD Tube	350903		N21VE-PK	350870	
<b>MODELS WITH MANUAL AIR VENT VALVES</b>								
EWN-C31VEUR	103	50	1/2" OD Tube	350904	\$	N31VE-PK	350914	\$
EWN-C36VEUR	161	30	1/2" OD Tube	350905		N36VE-PK	350915	



## Pumps for Fluoride†

Use with fluoride and hydrofluosilicic acid. Call for compatibility with other chemicals. **Wetted materials:** PVC head, PVC fittings, PTFE check balls, PTFE diaphragm and EPDM seals.

**Fluoride**

MFR #	MAX GPD	PSI	CONNECTION	STOCK #	EACH	REPAIR KITS	STOCK #	EACH
<b>MODELS WITH MULTIFUNCTION VALVES</b>								
EWN-B11VFURM	14.4	150	3/8" OD Tube	350906	\$	N11VF-PK	350872	\$
EWN-C16VFURM	31.2	150	3/8" OD Tube	350907		N16VF-PK	350917	
EWN-C21VFURM	50	105	3/8" OD Tube	350908		N21VF-PK	350918	
<b>MODELS WITH MANUAL AIR VENT VALVES</b>								
EWN-C31VFUR	103	50	1/2" OD Tube	350909	\$	N31VF-PK	350919	\$
EWN-C36VFUR	161	30	1/2" OD Tube	350910		N36VF-PK	350920	

†Not certified by WQA.

<b>Polyethylene Tubing</b>		STOCK #	EACH
<b>DESCRIPTION</b>			
3/8" OD x 1/4" ID, 25' Roll, Translucent		17201	\$
3/8" OD x 1/4" ID, 25' Roll, Black		17202	
1/2" OD x 3/8" ID, 25' Roll, Translucent		17203	

<b>Accessories</b>		STOCK #	EACH
<b>DESCRIPTION</b>			
5-Pin Connector Assembly		62765	\$
5-Pin Reverse Key Connector		61250	
6-Wire Cable (Shielded), 20' Roll		51321	