

# CHEM-TECH Mechanical Diaphragm Pumps

## Series 100, 150, 200

**Series 100 Models** - The preferred metering pump for water conditioning professionals around the world. Perfect for applications where economical, consistent performance is required. Capable of a wide range of flows, from less than 3 USgpd up to 30 USgpd and pressures up to 100 psig.

**Series 150 Models** - Built upon the same solid platform as the 100 Models, these units are capable of higher flowrates. With a range offering up to 100 USgpd, the Series 150 can meet the demands of larger applications. Maximum pressure is 60 psig.

**Series 200 Models** - The pump popular for their rugged design for continuous duty operation offers feed rates from 10 to 120 gpd and pressures up to 150 psi.



Standard Agency Listings			
Model	ETL	ETLsan	CE
All 60Hz	X	X	
100-150 50Hz			X
200 50Hz			
Contact factory for alternate listings			



Note: Standard Features do not add to the pump price.

### Chem-Tech Series 100, 150, 200 Selection Guide

<b>MODELS:</b>	<b>Series 100</b>	
	<b>X003</b>	= 3 gpd (0.47 lph) max pres.: 100 PSI (7 BAR)
	<b>X007</b>	= 7 gpd (1.00 lph) max pres.: 100 PSI (7 BAR)
	<b>X015</b>	= 15 gpd (2.34 lph) max pres.: 100 PSI (7 BAR)
	<b>X024</b>	= 24 gpd (3.78 lph) max pres.: 100 PSI (7 BAR)
	<b>X030</b>	= 30 gpd (4.72 lph) max pres.: 100 PSI (7 BAR)
	<b>Series 150</b>	
	<b>X068</b>	= 68 gpd (10.72 lph) max pres.: 60 PSI (4 BAR)
	<b>X100</b>	= 100 gpd (15.76 lph) max pres.: 60 PSI (4 BAR)
	<b>Series 200</b>	
	<b>X210</b>	= 10 gpd (1.5 lph) max pres.: 150 PSI (10 BAR)
	<b>X215</b>	= 15 gpd (2.34 lph) max pres.: 150 PSI (10 BAR)
	<b>X220</b>	= 20 gpd (3.15 lph) max pres.: 150 PSI (10 BAR)
	<b>X230</b>	= 30 gpd (4.72 lph) max pres.: 125 PSI (9 BAR)
	<b>X240</b>	= 40 gpd (6.31 lph) max pres.: 125 PSI (9 BAR)
	<b>X260</b>	= 60 gpd (9.46 lph) max pres.: 125 PSI (9 BAR)
	<b>X280</b>	= 80 gpd (12.6 lph) max pres.: 100 PSI (7 BAR)
	<b>2100</b>	= 100 gpd (15.76 lph) max pres.: 100 PSI (7 BAR)
	<b>2120</b>	= 120 gpd (18.91 lph) max pres.: 80 PSI (6 BAR)

<b>ELECTRICAL:</b>	<b>XA</b>	= 115V, 60 Hz
	<b>XB</b>	= 230V, 50 Hz (not available in 2120)
	<b>XC</b>	= 230V, 60 Hz
	<b>XD</b>	= 115V, 50/60 Hz, T.E.F.C. (X200's only)
	<b>XL</b>	= 230V, 50/60 Hz, T.E.F.C. (X200's only)

<b>LIQUID END MATERIALS:</b> Pump Head & Fittings/Seats & O-rings/Balls	<b>AAA</b>	= Clear PVC / CSPE / Ceramic
	<b>AAB</b>	= Clear PVC / CSPE / TFE
	<b>ABA</b>	= Clear PVC / Viton / Ceramic
	<b>ABB</b>	= Clear PVC / Viton / TFE
	<b>ACA</b>	= Clear PVC / TFE/Viton / Ceramic
	<b>AHA</b>	= Clear PVC / TFE/CSPE / Ceramic
	<b>BAA</b>	= PVC / CSPE / Ceramic
	<b>BAB</b>	= PVC / CSPE / TFE
	<b>BBA</b>	= PVC / Viton / Ceramic
	<b>BBB</b>	= PVC / Viton / TFE
	<b>BHA</b>	= PVC / TFE/CSPE / Ceramic
	<b>DAA</b>	= PP / CSPE / Ceramic
	<b>DAB</b>	= PP / CSPE / TFE
	<b>DBA</b>	= PP / Viton / Ceramic
	<b>DBB</b>	= PP / Viton / TFE
<b>GFA</b>	= Clear PVC / TFE / Ceramic (dbl)	
<b>GFB</b>	= Clear PVC / TFE / TFE (dbl)	
<b>EFC</b>	= 316SS / TFE / 316SS (dbl)	

<b>CONNECTION SIZES:</b>	<b>A</b>	= Tubing .44" PVC Suction / .50" PE Discharge
	<b>C</b>	= Tubing .38" PVC Suction / .38" PE Discharge
	<b>F</b>	= Tubing .44" PVC Suction / .50" PE BLK Discharge
	<b>S</b>	= Tubing .38" PVC Suction / .38" PE BLK Discharge
	<b>X w/ 316</b>	= .25" FNPT Suction / .25" FNPT Discharge

<b>SUFFIX CODES:</b>	<b>XXX</b>	= Standard
	<b>CZXXX</b>	= CE Approval
	<b>001</b>	= Current Interrupter
	<b>500*</b>	= Five Function Valve
	<b>520*</b>	= Five Function Degas Valve
	<b>ITS</b>	= 15 gal ITS Tank System

\* Not available in SS. Adder price is per head.

A completed model number should look like "X015-XA-BAAAXX"