

## WANNER

### Hydra-Cell Pumps

For Difficult fluids such as:

- Reclaim Water
- Abrasives
- Hot Solutions to 250° F (300° F. with special seals)
- Slurries
- Wettable Powders
- Fertilizers



H25



D10

Solutions never come in contact with the pumping mechanism. Diaphragm design has no cups, packings or mechanical seals; this means less maintenance and down-time.

Hydra-Cell pumps are American-Made, positive displacement pumps. They are self-priming and can be run dry without damage. Hydraulically balanced diaphragms and Timken roller bearings are standard features. Shaft rotation can be in either direction for ease of mounting.

**MATERIALS:** Brass Pump Manifolds. Buna-N Elastomers, Stainless Steel Valves, Seats and Valve Springs standard on all models. Rated to 160° F. on standard pumps, higher temperature pumps also available.

**D10:** Rated to 8.0 GPM and 1000 PSI @ 1450 RPM. Shaft diameter is 7/8". Dimensions: 10-3/4" L x 7-1/4" W x 7-7/8" H. (Note: This pump can be ordered at flow rates of 4 or 6 GPM @ 1750 RPM if required.) Inlet is 1" and Outlet is 3/4".

**D15:** Rated to 13 GPM @ 1500 PSI or 10 GPM @ 2500 PSI. Shaft diameter is 1-1/8". Dimensions: 16" L x 10" W x 12-1/2" H. Inlet is 1-1/4" FPT and Outlet is 3/4" FPT.

**H25:** Rated to 20 GPM and 1000 PSI @ 1050 RPM. Shaft diameter is 1-1/8". Dimensions: 15-1/2" L x 9-1/2" W x 10" H. Inlet is 1-1/2" and Outlet is 1".

**D35:** Rated to 36 GPM and 1200 PSI @ 1050 RPM. Shaft diameter is 2". Dimensions: 21" L x 11-1/2" W x 15" H. Inlet is 2-1/2" and Outlet is 1-1/4".



#### Common Applications:

- **Car/Truck Washes** - Conveyor - Reclaim water.
- **Lawn Care** - Herbicides and Fertilizers.
- **Carpet Cleaning** - High Temperature Solutions.
- **Water Treatment** - Reverse Osmosis and Desalination Systems.
- **Automatic Car Washes** - High Pressure Pumping Units.

Part No.	* Max. Flow	* Max. Pressure	Max. Required HP	Wt.
WN D10	8.0 GPM	1000 PSI	5.8	45 lbs.
WN D15	13/10 GPM	1500/2500 PSI	15.6	145 lbs.
WN H25	20 GPM	1000 PSI	13.9	120 lbs.
WN D35	36 GPM	1200 PSI	30.0	240 lbs.
WN C22A	Pressure Regulator, 10 gpm, 1000 psi.....			
WN C62B	Pressure Regulator, 14 gpm, 2500 psi.....			
WN C23A	Pressure Regulator, 20 gpm, 1000 psi.....			
WN C24A	Pressure Regulator, 40 gpm, 1000 psi.....			
WN 3431	Oil - One Quart (HYDRAOIL 10W30) .....			
WN 3440	Oil - One Quart (HYDRAOIL 10W40) .....			
WN 3432	Oil - 2-1/2 Gallon (HYDRAOIL 10W30) .....			

For specific applications, special materials of construction are available. Please give pumping requirements when ordering.

\* Note: Optimum Usage of Above Pumps is 10% under full rating.

### Hydra-Cell Bypass Valves



Designed to handle the same rigorous demands as the Hydra-Cell pumps. These valves will bypass total system flow when required and will also balance system pressure for multiple gun operations.

Standard valves feature Brass bodies with Buna O-rings and stainless valve seats and plunger ball. Rated to 160° F. (200° F. available on special request).

**C62B** features Viton®/Teflon O-rings and diaphragm and is rated to 200° F.



Part No.	Flow Rate	Pressure Range	Ports	Wt.
WN C22A	3-10 GPM	500-1000 PSI	3/4" FPT	3 lbs.
WN C23A	10-20 GPM	500-1000 PSI	1" FPT	6 lbs.
WN C24A	20-40 GPM	500-1000 PSI	1-1/4" FPT	8 lbs.
WN C62B	1-14 GPM	500-2500 PSI	3/4" FPT	4 lbs.

(Note: Valves with other pressure ranges are available on request.)

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### Wanner Pump Repair Kits



#### PUMP REPAIR KITS

For Pump	Valve Kit	Net Ea.	Diaphragm Kit (Buna)	Net Ea.
D10	WN D10V5-2		WN D10D5	
D15	WN D15V5		WN D15D5	
H25	WN D25V5		WN D25D5	
D35	WN D35V5		WN D35D5	
D40	WN D40V5		WN D40D5	
D10	WN D10K5	Complete Repair Kit, D10 .....		
H25	WN D25K5	Complete Repair Kit, H25 .....		

Note: Repair kits of other materials are available on special request.