

## 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 1200 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 1000 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° 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      |
|----------|-----------|----------------|------------|
| WN C22A  | 3-10 GPM  | 500-1000 PSI   | 3/4" FPT   |
| WN C23A  | 10-20 GPM | 500-1000 PSI   | 1" FPT     |
| WN C24A  | 20-40 GPM | 500-1000 PSI   | 1-1/4" FPT |
| WN C62B  | 1-14 GPM  | 500-2500 PSI   | 3/4" FPT   |

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.