

# Inflow

**US** WATERGROUP

www.usfwatergroup.com

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## *USF WaterGroup is Proud to Introduce . . .*

### ***Constant Pressure Pump Packages***

The Mascontrol installed on the Pedrollo® shallow well jet pump maintains constant pressure and flow. With this system, no pressure tank or switch is required.

The Duro booster pump package is designed for city water supplies, increasing the water pressure automatically.

All components of the Mascontrol, Pedrollo and Duro pump packages are covered by a **2 Year Guarantee**.



Item #6058 Shallow Well Jet Pump Package with Mascontrol



Item #2919 Duro Booster Pump Package

### ***NEW PURA® Ultraviolet Systems***

PURA® is the most technologically advanced Ultraviolet Water Treatment System available anywhere in the world. PURA products are lightweight, easy to use and simple to maintain. PURA products will provide you with clean, disinfected drinking water for years to come. The PURA line of UV products complements our existing line of WEDECO UV products.

#### ***All PURA® products feature:***

- Water disinfection greater than 99.9% kill rate
- Easy to change lamp and filters
- Lamp and ballast matched for quality assurance
- Simple installation

*\* PURA systems are guaranteed for a period of three years under normal use with the exception of electrical components which are guaranteed for a period of one year.*



## **Inside *Inflow* ...**



Featured Dealer



NEW Literature



NEW Products

# Featured Dealer - K-1 Plumbing & Heating



Roberta and Kevin Lander - K-1 Plumbing & Heating

Formerly K & K Plumbing & Heating, K-1 Plumbing & Heating is located in Rouleau, Saskatchewan -- also known as "Dog River" -- home of the new hit TV series "Corner Gas". Kevin and Roberta Lander have owned and operated this shop since 1992.

During that time their business has grown steadily in all areas of plumbing and heating, water treatment, drinking water systems and the many other products and services they provide.

Roberta's primary roles in the business are keeping the books in order and creating and maintaining an attractive display room. When Kevin is not in the office he is out repairing or installing equipment.

Kevin and Roberta joined USF WaterGroup's **Key Dealer Program** in 1996 and have been great supporters of our products, selling and renting many residential softeners, filters and reverse osmosis units.

K-1 is also a strong supporter of our commercial and industrial water treatment products. In fact, Kevin has played a major role in keeping Rouleau's main water filtration system up and running.

Kevin and Roberta understand the importance of accurate water testing and have water sample bottles available in their shop, which they forward to USF WaterGroup for basic water testing and recommendations.

USF WaterGroup thanks K-1 Plumbing & Heating for their many years of support. We look forward to continuing to work together in the future.

**K-1**  
**Plumbing & Heating Ltd.**  
• **776-2268** •  
"Natural Gas Showroom"  
Natural Gas. The Smart Choice.

## *Congratulations to the Winners of the RO Sales Contest!*

USF WaterGroup extends our thanks to all who participated in the contest.

The winners are:

- Border Plumbing in Osoyoos, BC
- Cook's Plumbing & Water in Owen Sound, Ontario.

They will be travelling to sunny Las Vegas in December. We hope you have a wonderful time!

## *Flexcon Heating Tanks*

USF WaterGroup is pleased to offer Flexcon Industries H-2-Pro line of expansion tanks including:

- **PH Series, WH & WHV Series Potable Water Expansion Tanks** - offer water heater protection, safety and superior construction and performance
- **HTS & SXHT Series Hydronic Expansion Tanks** - provide protection against thermal expansion in hydronic heating systems.

For more information, please contact your USF WaterGroup District Sales Manager or visit our website at:

[www.usfwatergroup.com](http://www.usfwatergroup.com)



# Mascontrol® Start-up & Operation

A small panel on the front of the device displays all system operating cycles by means of indicator lights.

If pump is not primed, read and follow pump manufacturer's directions for pump priming.

When Mascontrol® is first installed on the system, all indicator lights are off (Fig 1). Open a tap to allow air to escape, then turn on power to the Mascontrol. All indicator lights illuminate (Fig 2). The green POWER ON light indicates the presence of power in the Mascontrol; the yellow PUMP ON light indicates that the pump is on; the red FAILURE light will illuminate until water passes through the Mascontrol and flows from the top (Fig 3). Once the tap is closed, the pump will shut off after a few seconds and Mascontrol will go to the "standby" mode with POWER ON light illuminated (Fig 4). The Mascontrol is correctly installed and the system is ready to work.

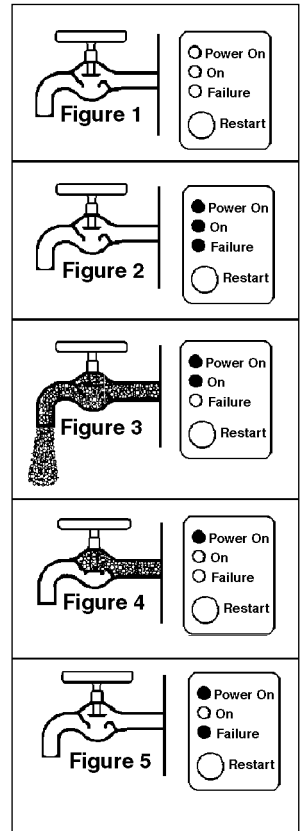
## In case of prime or suction problems:

When Mascontrol is first powered on, all the indicator lights illuminate (Fig 2), the pump will run for a few seconds and will stop automatically, the yellow PUMP ON light will shut off. The Mascontrol will have POWER ON and FAILURE lights on (Fig 5). Additional time is needed to pressurize the system. Keep the red RESTART button depressed until the water flows from the tap, then release the button. The pump will continue to run until the tap is closed. If water does not flow after 20-30 seconds, SHUT OFF POWER to the unit. Follow pump manufacturer's directions for pump priming and

make sure no suction line obstructions exist and the water table is at a suitable level. Then turn on power to the Mascontrol and repeat the above starting operation.

**WARNING** - If using a submersible pump, a pressure-reducing valve rated to a safe psi for piping in your application must be installed in line ahead of the Mascontrol. Failure to install valve may result in delivering damaging high water pressure to piping and fixtures. Controlpress can also be used to protect the plumbing system from high pressures and is designed to work with submersible pumps.

**CAUTION** - RESET-RESTART button - this button overrides the circuit and powers the pump. When priming or restoring the water after a run-dry condition, the RESTART button must be depressed for a suitable length of time to allow the pump to pressure the system, thus overriding the run-dry protection of the Mascontrol. Especially after a run-dry failure, be certain water level is sufficient to properly operate the pump. Do not override the circuit and run the pump until the proper water level is confirmed and no suction line obstructions exist.



## H<sub>2</sub>O Problems / Solutions

### Problem:

A family of two from rural Saskatchewan is concerned with the extremely high hardness and total dissolved solids in their water.

### Water Analysis:

Total Hardness .....	127 gpg
Iron .....	0.1 ppm
Manganese .....	0.1 ppm
pH .....	7.3
TDS .....	2630 ppm
Tannins .....	clear - not tested
H <sub>2</sub> S .....	N/A

### Solution:

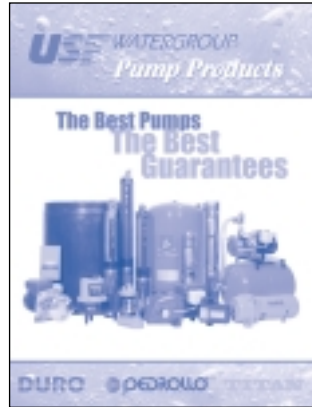
We recommended a Model NT96MI water softener c/w clear wick res-up feeder. Because the hardness is over 100 gpg, water may still have some hardness even after running through the water softener.

A small polishing unit EFT30 may be installed after the softener to bring the water hardness down to zero (soft water). We also recommended a Model PWS8-8 eight gallon per day distiller for drinking water requirements.



# NEW Sales Support Literature

The following new or updated literature is now available:



#57524 UPDATED  
Pump Products Catalog



#57017 (two color)  
PURA® UV Systems

We have been updating our literature to provide you, our customers, with more attractive, color pieces that show all the benefits of our products.

These items feature some of our new products or are updates of old items.



H2-PRO WH & WHV  
Series Potable Water  
Expansion Tanks



H2-PRO PH  
Series Potable Water  
Expansion Tanks



H2-PRO HTX & SXHT  
Series Hydronic  
Expansion Tanks



Since 1967, USF WaterGroup has manufactured & distributed water treatment and pump products across Canada. Our commitment to providing our customers with quality, leading-edge products, backed by unparalleled service and support, has earned us our reputation as the leader in the Canadian water treatment industry.

For more information on our company please visit our website:

[www.usfwatergroup.com](http://www.usfwatergroup.com)



## THE LAST DROP

*Water regulates your body temperature, carries nutrients and oxygen into cells, removes wastes, cushions joints and protects organs and tissues.*