



PUMPTRONICS PUMPING SYSTEMS

THE GOLF COURSE WATER MANAGEMENT SPECIALISTS

An Experienced Company with Knowledgeable Staff

- Provide quality advice and efficient pumping systems to over 200 golf and turf operations in North America.
- Pumptronics understands the total water management needs of golf courses and other turf applications.
- The staff has many years of collective golf course and water management experience and keeps current on the latest technologies and product innovations.
- Our knowledgeable staff recommends the right solution that best fits our customer's needs and budget.
- Pumptronics provides a complete range of products and services, from pump maintenance and service, to VFD panel upgrades, to brand new pre-fabricated pump stations.

Satisfied Customers

Pumptronics has installed systems at many fine courses across Canada such as:

- St. Georges Golf and Country Club
- Old Ashburn Golf Club
- Summit Golf and Country Club
- Carnmoney Golf and Country Club
- Catarqui Golf and Curling Club
- Eagles Glen Golf Club

A complete list of completed projects is available upon request

A Full Product Line

- Pumptronics offers five product lines; Pulse Pro, Pulse, Pulse Sled, Pulse Pak and Pulse Custom; designed to deliver the best solution for any application.

PULSE PAK®

The PULSE PAK® is a compact pumping system that utilizes a small footprint. The Pulse Pak provides the efficiencies of Variable Frequency Drive (VFD) and Programmable Logic Controller (PLC) in a skid mounted product.

It is a very economical unit.

Typical use of the Pulse Pak would be large green spaces such as executive golf courses, parks and sports complexes.

Pump efficiencies from 72% to 80%, motor efficiencies of 92%



PULSE PAK® 800
Our most economical system



Toll Free 1-888-222-6676 Tel (905) 469-6444 Fax (905) 825-8139
18-1290 Speers Road, Oakville, Ontario L6L 2X4
www.pumptronics.ca



PULSE PAK® FEATURES

DESIGN CRITERIA

Flow Rates from 100-800 gpm
 Pressures from 50-175 psi
 Flow Rates from 6.0 - 50.0 l/s
 Pressures from 350 - 1200 K Pa

Voltages

- Units available in 230, 460 and 600 volt (3 phase), including 230 and 460 volt (single phase)
- Single phase up to 800 gpm

Quality Construction

- Fabricated steel discharge pump heads
- Heavy duty pump construction with cast iron bowls, bronze impellers and stainless steel shafts
- High efficiency (72% to 80%), 3600 RPM, vertical multi-stage pumps
- VFD rated, high efficiency vertical solid Shaft Motors
- Silent Wafer Check Valves on each pump with positive spring closure



PULSE PAK® 800

- Wafer style pump isolation butterfly valves rated at 200 psi
- Pump station relief valve
- Continuous weld deck plate
- Grit blast of all piping and structural members
- Multi-stage, high efficiency Pressure Maintenance Pump (PMP)
- 6-8 mil Epoxy Paint Process - grit blasted
- 2 1/2" liquid filled pressure gauge with isolation valves

Quality Electronic Controls

- CSA and UL approved panel
- Monochrome Text Operator interface displays pressure, flow and operating conditions
- All motors and panels are colour coded to eliminate any wiring phase installation errors
- Stainless steel pressure transducers rated at 250 psi
- Internally air cooled VFD for maintenance free operation
- Power disconnect switch with door interlock
- Fused motor protection
- Variable frequency Drive with built-in line reactor for added protection
- Pump heat sensors with auto re-prime as optional equipment
- Low discharge pressure shutdown
- High discharge pressure shutdown
- Low water level shutdown
- VFD fault safety shutdown
- Surge and Lightning Protection
- Individual run time monitoring
- Automatic Ramp from 0 pressure to set point (algorithmically controlled)

Options Available

- Flow meter
- Automatic re-prime feature

MODEL	USGPM	PSI	TOTAL HP	PUMPS
PAK-1VSC-100/75-10/2-3450-600/3/60	100	75	10	1
PAK-1VSC-200/100-20/2-3450-600/3/60	200	100	20	1
PAK-1VSC-300/100-30/2-3450-600/3/60	300	100	30	1
PAK-2VSC-400/120-20/2-3450-600/3/60	400	120	40	2
PAK-2VSC-600/125-30/2-3450-600/3/60	600	125	60	2
PAK-2VSC-800/125-50/30/2-3450-600/3/60	800	125	80	2

Flow rates and pressures can be altered based on requirements



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