



R-EVOLUTION PUMP CONTROLLER™

THE REMOTE SMARTPUMP™ SOLUTION



SPECIFICATIONS

SMART-START™ TECHNOLOGY	When in an armed state, the pump will start when water reaches the suction inlet. (Available on Evolution PC™ and R-Evolution PC™)
SMART-ALARM™ SYSTEM	Diagnostic alarm information will be accessible via secured internet connection. Alarm notifications will be sent via text message, email, and the operator's panel. (Available on R-Evolution PC™)
SMART-PRIME™ SYSTEM	Automatically primes system when pump is started in draft mode. Re-priming the system if suction is lost. Allows for "hands free" operation and improves the ease of the prime sequence operation. (Available on Evolution PC™ and R-Evolution PC™)
PUMP-VISION™ SYSTEM	Remotely view live pump performance information and diagnostic fault codes via the internet. View consumable fluid levels, temperature, and pressures. (Available on R-Evolution PC™)
REMOTE-PUMP-CONTROL™ SYSTEM, OR RPC™ SYSTEM	Remotely control pumps operation via internet. Start or stop the unit, control performance, or select desired operating conditions. (Available on R-Evolution PC™)
SMART-CAV™ SYSTEM	Automatically senses a state of cavitation. When cavitation is sensed the unit will be idled down until the cavitation has diminished. If cavitation remains the pump will shut down. The operator will be notified of cavitation via the operator's panel. (Available on Evolution PC™ and R-Evolution PC™)
DIAGNOSTIC MONITORING	View diagnostic system information on operator's panel, or remotely with internet connection. Receive alarm notifications via operator's panel. (Available on Evolution PC™ and R-Evolution PC™)
HIGH-POWERED COMMUNICATION ANTENNA	Long range communication capabilities anywhere there is cell phone or satellite reception. If cell phone or satellite reception is unavailable, the unit will store data which can be collected through USB ports. (Available on R-Evolution PC™)
MAINTENANCE TIMERS/ALARMS	Preventative maintenance timers and alarms are set to notify the operator of set maintenance schedule. When the scheduled maintenance period has expired, the operator will be notified on the operator's panel. (Available on Evolution PC™ and R-Evolution PC™)
ENGINE AND PUMP TRANSMISSION OVERHEAT PROTECTION	Temperature based logic is configured to send alarms via operators panel and shut the engine down when catastrophic failure is evident. (Available on Evolution PC™ and R-Evolution PC™)
LOW OIL LEVEL PROTECTION SYSTEM	Fuel level based logic is configured to send alarms via operator's panel and shut the engine down prior to total consumption. (Available on Evolution PC™ and R-Evolution PC™)
LOW FUEL LEVEL PROTECTION SYSTEM	Oil level based logic is configured to send alarms via operator's panel and shut the engine down when catastrophic failure is evident. (Available on Evolution PC™ and R-Evolution PC™)
LOSS OF WATER PROTECTION SYSTEM	Pump will shut down if suction is lost. The pump will then enter an armed state. The pump will restart when water returns. (Available on Evolution PC™ and R-Evolution PC™)

