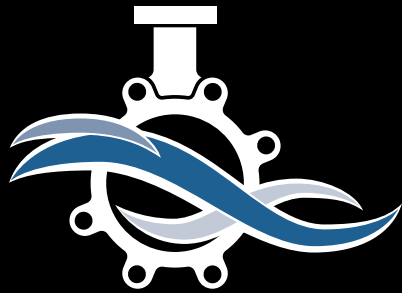




skid-mounted

Pump Stations



inControl
water systems

GALE

FORCE

ECO SERIES

Economical Single Pump System

FEATURES

Aluminum enclosure with removable front panel

Naturally corrosion-resistant finish and light weight.

Steel skid with anchor

Compact Footprint (31 1/2" x 31 1/2").

Priming Port

Allowing quick access to prime pump in suction-lift applications.

Pressure/Bladder Tank

Eliminates water-hammer, and provides extra draw down prior to pump cycling

Variable Frequency Drive

VFD's supply constant irrigation pressure at varying flow rates while protecting the pump and motor from irregular operation.

Disconnect Switch

Power service supplied to and connected here.

Pump/Motor

Close couple pump end with O.D.P. motor (T.E.F.C. optional), 3 HP or 5 HP.

Discharge Flange (connection typ.)

Point of connection to irrigation main line or other service lines.

Suction Flange (connection typ.)

Point of connection to water supply for pump station.

Self contained internal plumbing

No plumbing through enclosure.

AVAILABLE OPTIONS

Aluminum Enclosure (Insulated)

Check Valve

Photos shown may not be identical to actual product.

GALE FORCE

ECO SERIES

FEATURES & BENEFITS

The economical pump station manufactured by inCon-trol Water Systems.
A stand-alone pump station complete with enclosure and Variable Frequency Drive.

SUITABLE FOR: FLOODED-SUCTION • SUCTION-LIFT • BOOST APPLICATIONS.



- » Single pump configuration (3 HP or 5 HP)
- » Residential & Light Commercial usage
- » Operates on 208 Volt, Single Phase & 240 Volt, Single Phase Power ONLY
- » Steel skid, painted w/ direct to metal corrosion resistant paint
- » All equipment self-contained inside aluminum enclosure
- » Compact footprint
- » Variable Frequency Drive (VFD)
- » Pressure activated start
- » UL listed componentry

VARIABLE FREQUENCY DRIVE

We use **Variable Frequency Drives (VFD's)** to control the pump's motor speed. VFD's control pump speed by varying the amplitude and frequency of the pump motor voltage. This allows for more efficient operation, extends the life cycle of the pump, and helps conserve energy.

Our pump stations are effectively electronic pressure regulators that control discharge pressure by adjusting pump rotational speed. The pump spins slower for low flows and faster for high flows while maintaining constant pressure.

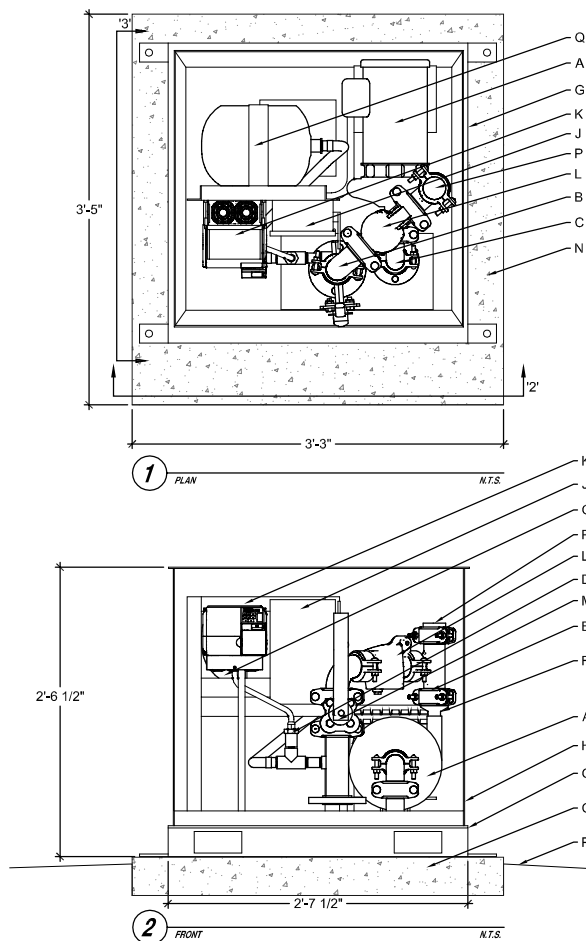
The VFD electronics also include pump protection safeties that monitor pump discharge pressure and motor electrical current to predict abnormal operation. The safeties include low flow detection to prevent pump seal damage and electrical over current conditions that can destroy the pump motor.



VFD INCLUDES:

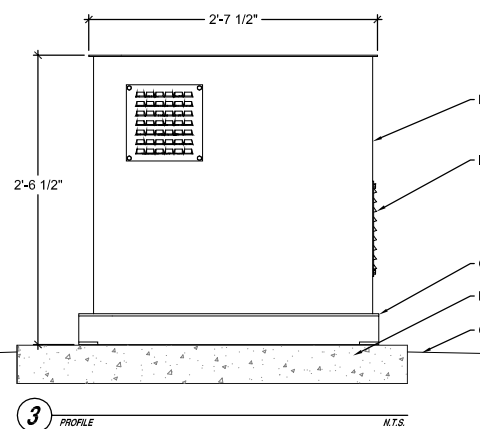
- » Programmable set point and scaling
- » Control pressure start levels and start times
- » Pressure transducer
- » Sleep mode minimum flow protection
- » No-flow protection
- » Automatic system restart
- » Loss-of-prime protection
- » Pump faults and alarms
- » Motor Protection
- » UL-listed components





INCON-TROL WATER SYSTEMS: GALE FORCE ECO SERIES

- | | |
|---|-------------------------------|
| A. CLOSE COUPLED PUMP/MOTOR | H. ALUMINUM ENCLOSURE |
| B. DISCHARGE PLUMBING - GRUVLOK STEEL PIPE | I. VENT LOUVERS |
| C. SUCTION PLUMBING - GRUVLOK STEEL PIPE | J. DISCONNECT SWITCH |
| D. PRESSURE TRANSDUCER | K. VARIABLE FREQUENCY DRIVE |
| E. GRUVLOK STEEL COUPLING | L. CHECK VALVE |
| F. GRUVLOK CONCENTRIC REDUCER | M. GRUVLOK 2" BUTTERFLY VALVE |
| G. STEEL PUMP SKID - DIRECT TO METAL CORROSION RESISTANT PAINT. | N. CONCRETE PAD |
| | O. FINISH GRADE |
| | P. PRIMING PORT |
| | Q. PRESSURE TANK |



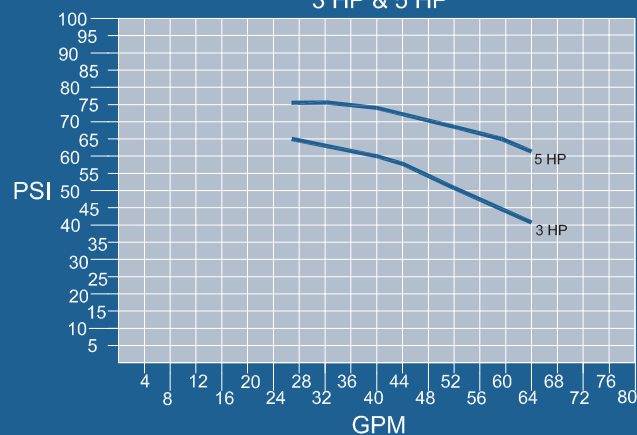
Final Pump Horse Power to be sized by inCon-trol Water Systems. Use graph for preliminary sizing only.

Specification Data: Skid Mounted Pumping System, consisting of an aluminum enclosure, close coupled motor driven pump, suction and discharge points of connections, pressure transducer, Variable Frequency Drive (VFD), disconnect switch and associated fittings. All Gale Force Eco Series Pump Stations come in single phase, 208 - 230 Volt.

Application: Gale Force Eco Series Skid Mounted Pumping Systems is to be used on any project where water needs to be moved. Common applications include Irrigation Systems, Rain Water Harvesting, and commercial waterfeatures/fountains. All Gale Force Eco Series Pump Stations are built and tested at the factory for the highest degree of quality.

Available on request: Standard construction details and architectural specifications.

Gale Force Eco Series Pump Curve
3 HP & 5 HP



Eco Series 3HP

PSI	GPM
65	25
60	40
55	47
50	54
45	58
40	65

Eco Series 5HP

PSI	GPM
75	35
70	48
65	61
60	70
55	80
50	86

NOTES:

1. SLOPE FINISH GRADE AWAY FROM PUMP STATION /CONCRETE PAD
2. SECURELY ANCHOR PUMP STATION TO CONCRETE PAD

Technical Data

Model Number	Pump HP
P16-GFES-1V-3-...	3
P16-GFES-1V-5-...	5

For complete model numbers, please contact inCon-trol Water System's Manufacturing Department



Irrigation, Booster, & Water Harvesting Pump Stations to meet any project demand.



Environmentally rated, weather resistant enclosures w/ multiple material & finish options.



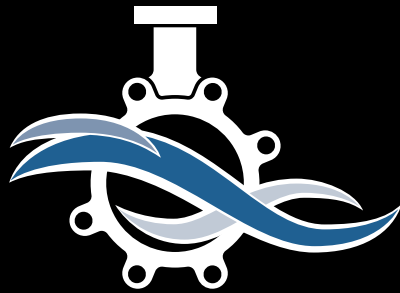
Water Treatment Systems to address pH, Sodium Absorption Ratio, & water clarity.



Water Quality Components capturing debris, sediment, and treating mineral contents.



DEDICATED _{OF} EXCELLENCE ON EVERY JOB



inControl
water systems

GALE

FORCE

S E R I E S

Simplex Pump System

FEATURES



Aluminum enclosure with removable front panel

Naturally corrosion-resistant finish and light weight.

Steel skid with anchor

3'6" x 4'6" Footprint (Typ.)

Disconnect Switch

VFD Environmental Rating Type 4X

VFD's supply constant irrigation pressure at varying flow rates while protecting the pump and motor from irregular operation.

Discharge Flange (connection typ.)

Point of connection to irrigation main line or other service lines.

Pressure Transducer

Heated and Fan Cooled Insulated Enclosure

Isolation Valves

On suction and discharge

Pump and Motor

*Close couple pump end with O.D.P. motor
5 HP, 7.5 HP, or 10 HP.*

Suction Flange (connection typ.)

Point of connection to water supply for pump station.

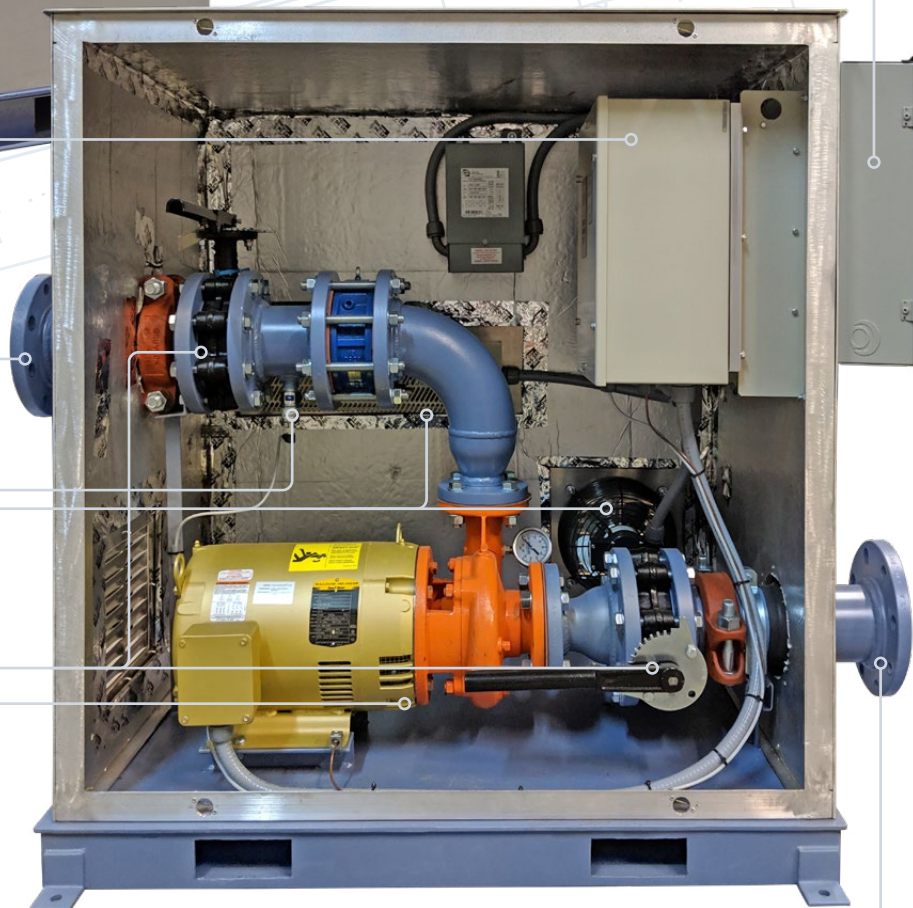
AVAILABLE OPTIONS

Custom enclosure and skid sizes

Totally Enclosed fan Cooled Motor (T.E.F.C.)

Self Cleaning Filter

Level Controls

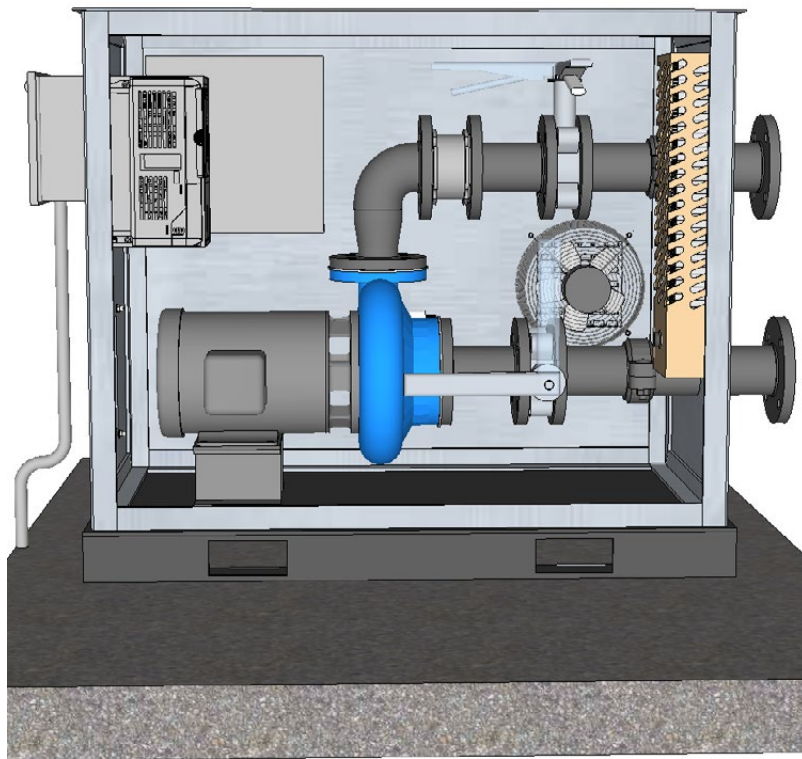


GALE FORCE SERIES

FEATURES & BENEFITS

Simplex pump station manufactured by inCon-trol Water Systems.
A stand-alone pump station complete with enclosure and Variable Frequency Drive.

SUITABLE FOR: FLOODED-SUCTION • SUCTION-LIFT • BOOST APPLICATIONS.



- » Single pump configuration (5 HP, 7.5 HP, or 10 HP)
- » Large Residential or Commercial usage
- » Operates on 208, 240, or 480 Volt; Single-Phase or Three-Phase Power
- » Steel skid, painted w/ direct to metal corrosion resistant paint
- » All equipment is self-contained inside aluminum enclosure
- » Pressure Activated and requires no wired connection to irrigation system
- » Variable Frequency Drive (VFD)
- » Packaged pump station that provides easy plug and play installation
- » UL listed componentry

CONTROL PACKAGES

inCon-trol Water Systems is a UL 508A listed panel shop. Which means inCon-trol, not a third party company, designs, programs and manufactures every pump station control panel. By being the control panel designer and manufacturer, inCon-trol is able to troubleshoot most issues directly over the phone. Customers get instant feedback from the designer and programmer, instead of frustrating wait times from a third party control's company.

Control panels come in two different options, the Basic Control Package and the Complete Control Package.

The **Basic Control Package** comes with all components needed for a fully functional automatic pump station.

The **Complete Control Package** comes with these added features: Touch Screen Interface, Programmable Logic Controller, Remote Access Capabilities, Flow Meter, Level Controls, Data Logging, and Text/Email Alerts. Text/Email alerts require internet connectivity. Optional Cellular Modem available.



BASIC CONTROL PACKAGE

- » Environmental Rating Type 3R Enclosure
- » Variable Frequency Drive
- » Door Safety Interlocked External Power Disconnect Switch
- » Control Transformer
- » Lightning Surge Protection
- » Thermostat
- » Fan & Heater
- » Pressure Transducer



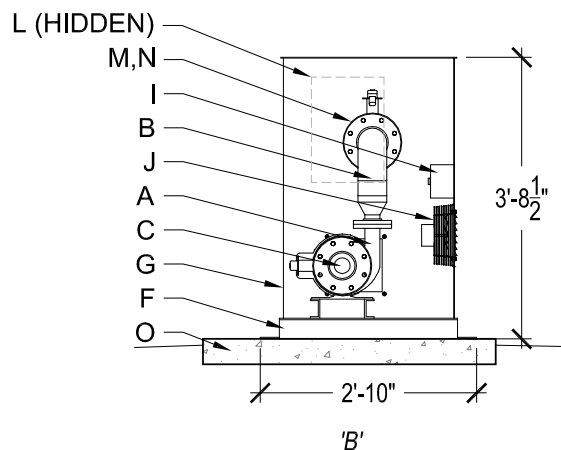
Variable Frequency Drive (VFD)



COMPLETE CONTROL PACKAGE

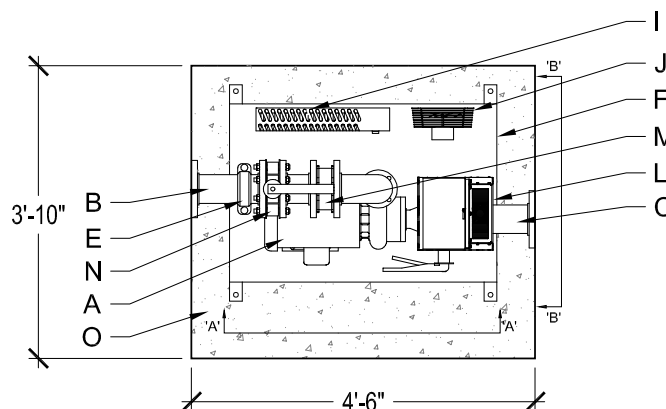
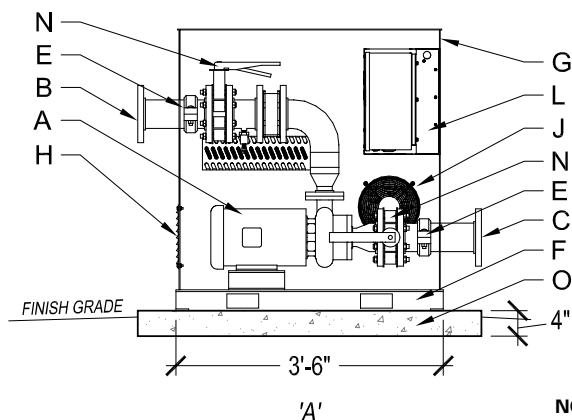
(Includes all items in Basic Control Package Plus the following)

- » Touch Screen Interface
- » Programmable Logic Controller (PLC)
- » Remote Access System - allows users to login to pump station panel via internet connection



GALE FORCE SERIES

- | | |
|---|-----------------------------|
| A. CLOSE COUPLED PUMP/MOTOR | K. DISCONNECT SWITCH |
| B. DISCHARGE PLUMBING - STEEL PIPE | L. VARIABLE FREQUENCY DRIVE |
| C. SUCTION PLUMBING - STEEL PIPE | M. CHECK VALVE |
| D. PRESSURE TRANSDUCER | N. BUTTERFLY VALVE |
| E. GRUVLOK STEEL COUPLING | O. CONCRETE PAD |
| F. STEEL PUMP SKID - DIRECT TO METAL CORROSION RESISTANT PAINT. | |
| G. ALUMINUM ENCLOSURE (INSULATED) | |
| H. VENT COVERS | |
| I. HEATER | |
| J. FAN | |
- *PUMP STATION SHALL BE PRESSURE ACTIVATED, AND REQUIRES NO ELECTRICAL CONNECTION TO THE IRRIGATION SYSTEM.*



NOTES:

1. SLOPE FINISH GRADE AWAY FROM PUMP STATION CONCRETE PAD.
2. SECURELY ANCHOR PUMP STATION TO CONCRETE PAD

Specification Data: Skid Mounted Pumping System, consisting of an aluminum enclosure, close coupled motor driven pump, suction and discharge points of connections, pressure transducer, Variable Frequency Drive (VFD), disconnect switch and associated fittings. All Gale Force Series Pump Stations come in 208 Volt, 240 Volt and 480 Volt, (single and three phase) power.

Application: Gale Force Series Skid Mounted Pumping System is to be used on any project where water needs to be moved. Common applications include Irrigation Systems, Rain Water Harvesting, and commercial water features/fountains. This series can be configured as flooded-suction, suction-lift, or booster pumps. All Gale Force Series Pump Stations are built and tested at the factory for the highest degree of quality.

Available on request: Standard construction details and architectural specifications.

Gale Force Series 5HP

PSI	GPM
60	60
30	170

Gale Force Series 7.5HP

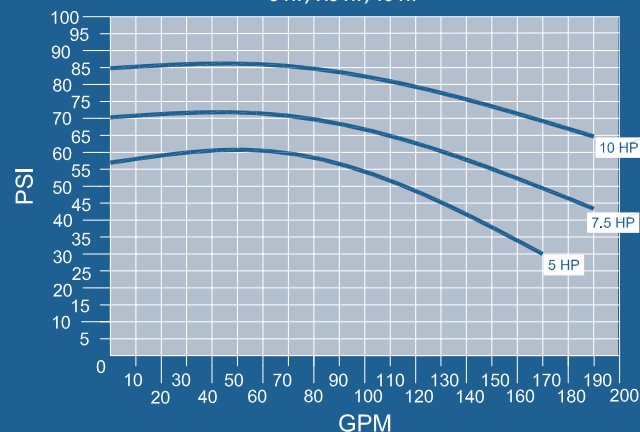
PSI	GPM
72	60
43	190

Gale Force Series 10HP

PSI	GPM
85	60
65	190

Gale Force Series Pump Curve

5 HP, 7.5 HP, 10 HP



Final Pump Horse Power to be sized by inCon-trol Water Systems.

Use graph for preliminary sizing only.

ELECTRICAL DATA

HP	3 PHASE		1 PHASE	
	Voltage	Service Size	Voltage	Service Size
5	208	40A	208	60A
7.5	208	50A	208	70A
10	208	60A	Custom options available	
5	240	40A	240	50A
7.5	240	50A	240	70A
10	240	60A	Custom options available	
5	480	20A	480	30A
7.5	480	25A	480	40A
10	480	30A	Custom options available	

GALE FORCE SERIES



DEDICATED _{TO}
EXCELLENCE
ON EVERY JOB



MONSOON FORCE

SERIES

Simplex Pump System

FEATURES

Disconnect Switch

Power service supplied to and connected here.

VFD Environmental Rating Type 4X

VFDs supply constant irrigation pressure at varying flow rates while protecting the pump and motor from irregular operation.

Heated and Fan Cooled Insulated Enclosure

Pressure Transducer

Check Valve

Isolation Valves on Suction and Discharge

Pump and Motor

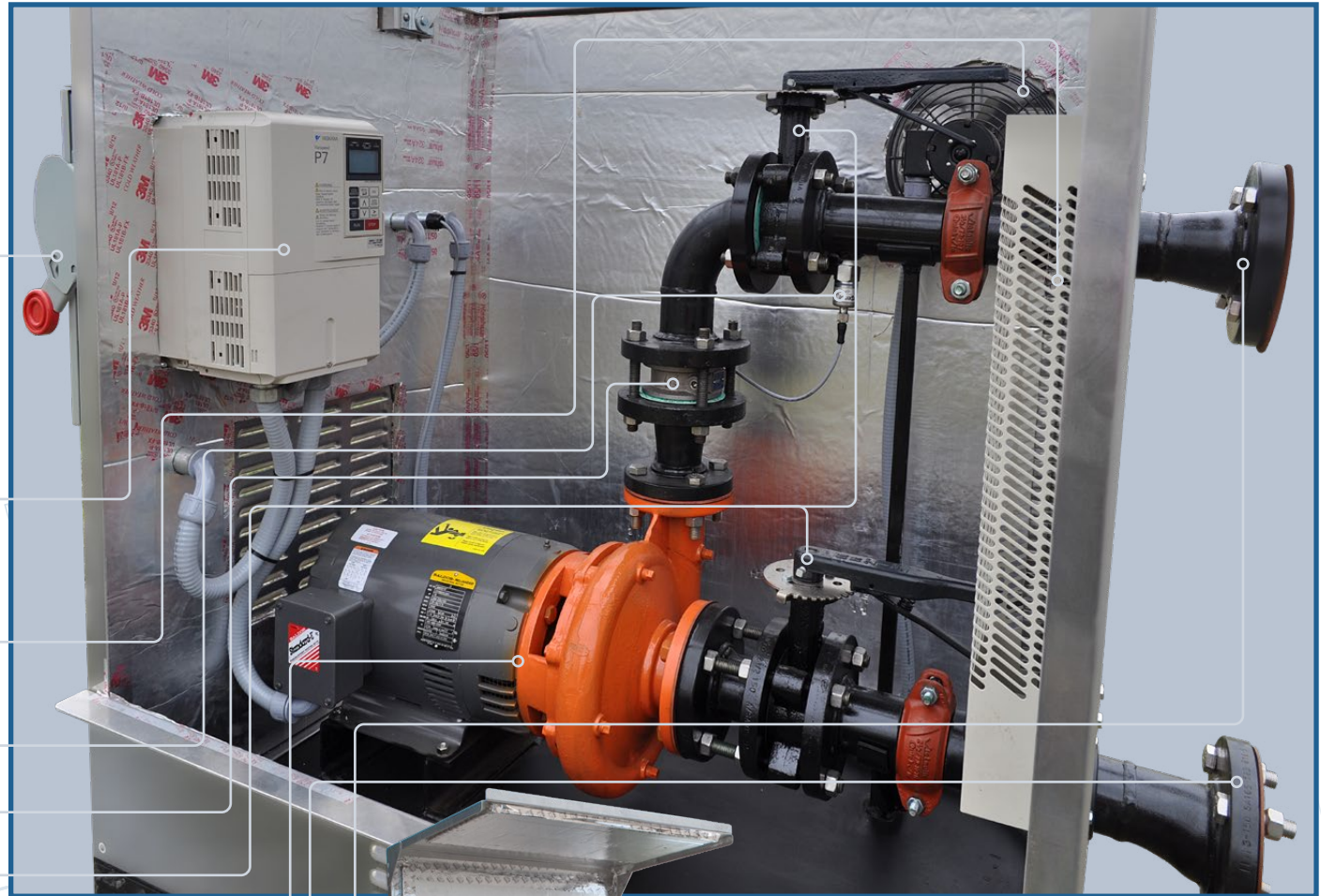
*Close couple pump end with O.D.P. motor
15 HP, 20 HP, or 25 HP.*

Suction Flange (connection typ.)

Point of connection to water supply for pump station.

Discharge Flange (connection typ.)

Point of connection to irrigation main line or other service lines.



AVAILABLE OPTIONS

- Custom enclosure and skid sizes
- Totally Enclosed fan Cooled Motor (T.E.F.C.)
- Self Cleaning Filter
- Level Controls
- Pressure Maintenance Pump

MONSOON FORCE SERIES

FEATURES & BENEFITS

Simplex pump station manufactured by inControl Water Systems.
A stand-alone pump station complete with enclosure and Variable Frequency Drive.

SUITABLE FOR: FLOODED-SUCTION • SUCTION-LIFT • BOOST APPLICATIONS.



- » Single pump configuration (15 HP, 20 HP, or 25 HP)
- » Commercial usage
- » Operates on 208, 240, or 480 Volt; Single-Phase or Three-Phase Power
- » Steel skid, painted w/ direct to metal corrosion resistant paint
- » All equipment is self-contained inside aluminum enclosure
- » Pressure Activated and requires no wired connection to irrigation system
- » Variable Frequency Drive (VFD)
- » Packaged pump station that provides easy plug and play installation
- » UL listed componentry
- » Optional Pressure Maintenance Pump

CONTROL PACKAGES

inCon-trol Water Systems is a UL 508A listed panel shop. Which means inCon-trol, not a third party company, designs, programs and manufactures every pump station control panel. By being the control panel designer and manufacturer, inCon-trol is able to troubleshoot most issues directly over the phone. Customers get instant feedback from the designer and programmer, instead of frustrating wait times from a third party control's company.

Control panels come in two different options, the Basic Control Package and the Complete Control Package.

The **Basic Control Package** comes with all components needed for a fully functional automatic pump station.

The **Complete Control Package** comes with these added features: Touch Screen Interface, Programmable Logic Controller, Remote Access Capabilities, Flow Meter, Level Controls, Data Logging, and Text/Email Alerts. Text/Email alerts require internet connectivity. Optional Cellular Modem available.

BASIC CONTROL PACKAGE

- » Environmental Rating Type 3R Enclosure
- » Variable Frequency Drive
- » Door Safety Interlocked External Power Disconnect Switch
- » Control Transformer
- » Lightning Surge Protection
- » Thermostat
- » Fan & Heater
- » Pressure Transducer

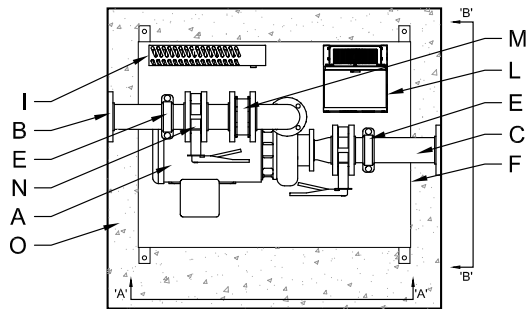


COMPLETE CONTROL PACKAGE

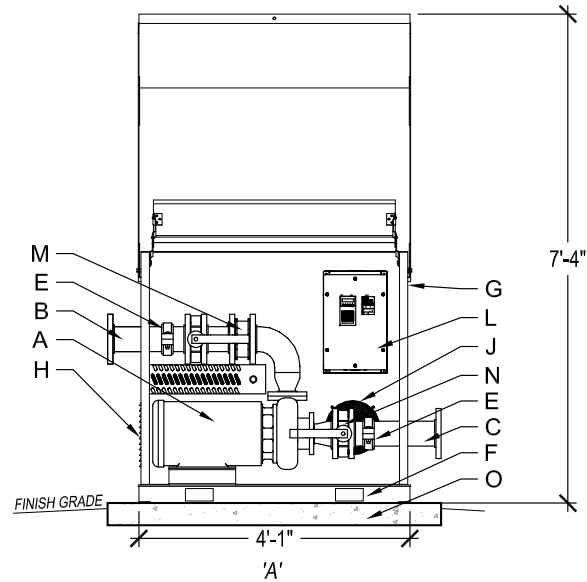
(Includes all items in Basic Control Package Plus the following)

- » Touch Screen Interface
- » Programmable Logic Controller (PLC)
- » Remote Access System - allows users to login to pump station panel via internet connection

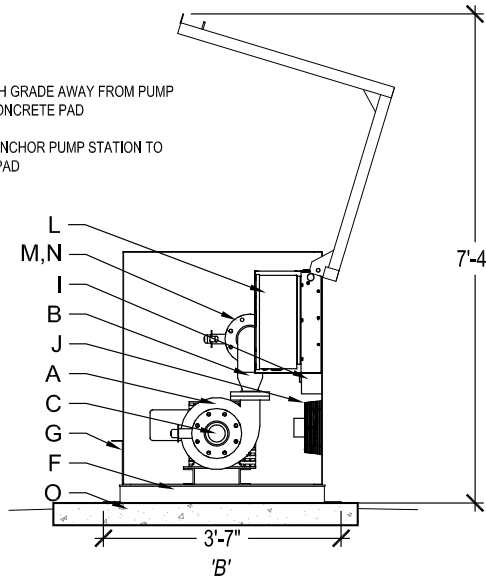
MONSOON FORCE SERIES



- A. CLOSE COUPLED PUMP/MOTOR
 - B. DISCHARGE PLUMBING - STEEL PIPE
 - C. SUCTION PLUMBING - STEEL PIPE
 - D. PRESSURE TRANSDUCER
 - E. GRUVLOK STEEL COUPLING
 - F. STEEL PUMP SKID - DIRECT TO METAL CORROSION RESISTANT PAINT.
 - G. ALUMINUM ENCLOSURE (INSULATED)
 - H. VENT COVERS
 - I. HEATER
 - J. FAN
 - K. DISCONNECT SWITCH
 - L. VARIABLE FREQUENCY DRIVE
 - M. CHECK VALVE
 - N. BUTTERFLY VALVE
 - O. CONCRETE PAD
- *PUMP STATION SHALL BE PRESSURE ACTIVATED, AND REQUIRES NO ELECTRICAL CONNECTION TO THE IRRIGATION SYSTEM.*



- NOTES:
1. SLOPE FINISH GRADE AWAY FROM PUMP STATION / CONCRETE PAD
 2. SECURELY ANCHOR PUMP STATION TO CONCRETE PAD



Specification Data: Skid Mounted Pumping System, consisting of an aluminum enclosure, close coupled motor driven pump, suction and discharge points of connections, pressure transducer, Variable Frequency Drive (VFD), disconnect switch and associated fittings. All Monsoon Force Series Pump Stations come in 208 Volt, 240 Volt and 480 Volt, three phase power.

Application: Monsoon Force Series Skid Mounted Pumping System is to be used on any project where water needs to be moved. Common applications include Irrigation Systems, Rain Water Harvesting, and commercial water features/fountains. This series can be configured as flooded-suction, suction-lift, or booster pumps. All Monsoon Force Series Pump Stations are built and tested at the factory for the highest degree of quality.

Available on request: Standard construction details and architectural specifications.

Monsoon Force Series 15HP

PSI	GPM
65	120
32	600

Monsoon Force Series 20HP

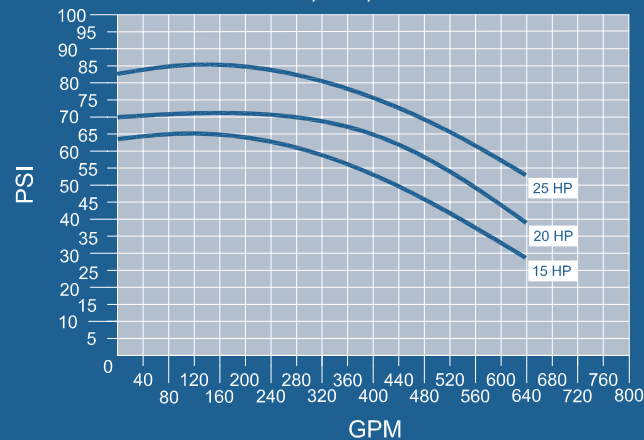
PSI	GPM
72	160
47	580

Monsoon Force Series 25HP

PSI	GPM
86	140
58	610

Monsoon Force Series Pump Curve

15 HP, 20 HP, 25 HP



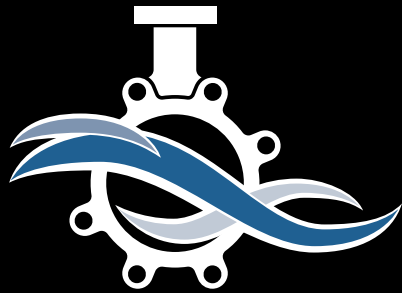
Final Pump Horse Power to be sized by inCon-trol.

Use graph for preliminary sizing only.

Three Phase Electrical Data

HP	Voltage	Service Size
15	208	80A
20	208	100A
25	208	125A
15	240	70A
20	240	90A
25	240	110A
15	480	40A
20	480	50A
25	480	60A





inControl
water systems

HURRICANE **FORCE** **SERIES**

Duplex Pump System

FEATURES

AVAILABLE OPTIONS

Custom enclosure and skid sizes

Totally Enclosed fan Cooled Motor (T.E.F.C.)

Self Cleaning Filter

Level Controls

Vacuum Assist Pump

Control Package

Discharge Flange (connection typ.)

Point of connection to irrigation main line or other service lines

Isolation Valves on suction and discharge

Pressure Transducer

Check Valve

Suction and Discharge Manifolds

Suction Flange (connection typ.)

Point of connection to water supply for pump station

Pressure Maintenance Pump

*Close couple pump with O.D.P. motor
5 HP or 7.5 HP*

Duplex Pump and Motor

*Close couple pump end with O.D.P. motor
15 HP, 20 HP, or 25 HP*



HURRICANE FORCE SERIES

FEATURES & BENEFITS

Duplex pump station manufactured by inCon-trol Water Systems.
A stand-alone pump station complete with enclosure and Variable Frequency Drive.

SUITABLE FOR: FLOODED-SUCTION • SUCTION-LIFT • BOOST APPLICATIONS.



- » Duplex pump configuration (15 HP, 20 HP, or 25 HP)
- » Commercial usage
- » Operates on 208, 240, or 480 Volt; Three-Phase Power. Single phase configurations available.
- » Steel skid, painted w/ direct to metal corrosion resistant paint
- » All equipment is self-contained inside aluminum enclosure
- » Pressure Activated and requires no wired connection to irrigation controller
- » Variable Frequency Drive (VFD)
- » Packaged pump station that provides easy plug and play installation
- » UL listed componentry
- » Optional Pressure Maintenance Pump

CONTROL PACKAGES

inCon-trol Water Systems is a UL 508A listed panel shop. Which means inCon-trol, not a third party company, designs, programs and manufactures every pump station control panel. By being the control panel designer and manufacturer, inCon-trol is able to troubleshoot most issues directly over the phone. Customers get instant feedback from the designer and programmer, instead of frustrating wait times from a third party control's company.

Control panels come in two different options, the Basic Control Package and the Complete Control Package.

The **Basic Control Package** comes with all components needed for a fully functional automatic pump station.

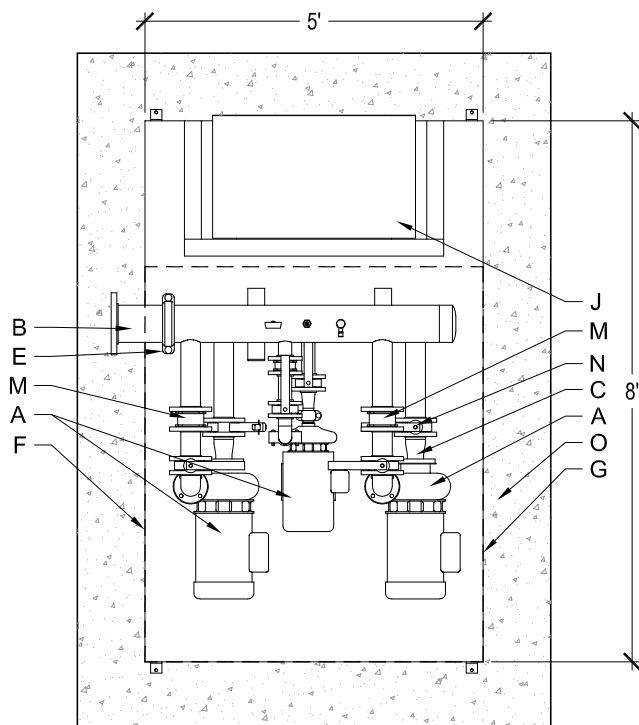
The **Complete Control Package** comes with these added features: Touch Screen Interface, Programmable Logic Controller, Remote Access Capabilities, Flow Meter, Level Controls, Data Logging, and Text/Email Alerts. Text/Email alerts require internet connectivity. Optional Cellular Modem available.



- Thermal Management Fans
- Thermal Magnetic Overcurrent Protection
- Fusible Disconnect Switch
- Ethernet Switch
- PLC
- Main Pump VFD
- Pressure Maintenance Pump VFD



- Environmental Rating Type 3R Enclosure
- Lightning Surge Protection
- 7" Color Touch Screen User Interface
- Skid-Mounted Control Package
- Single-Point Connection for electrical contractor



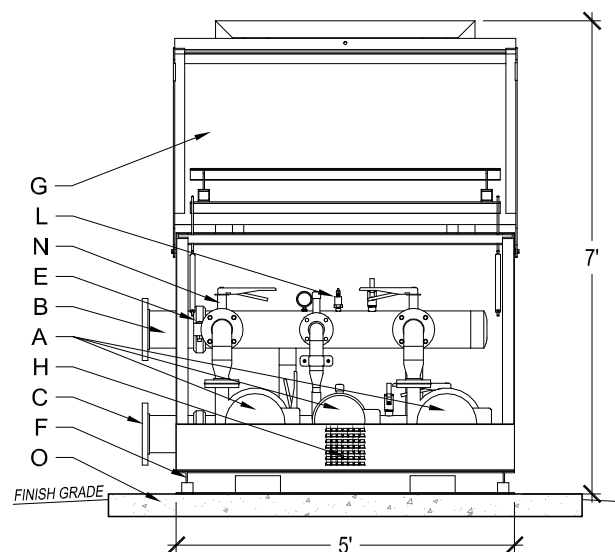
NOTES:

1. SLOPE FINISH GRADE AWAY FROM PUMP STATION / CONCRETE PAD
2. SECURELY ANCHOR PUMP STATION TO CONCRETE PAD

HURRICANE FORCE SERIES

- | | |
|---|------------------------|
| A. CLOSE COUPLED PUMP/MOTOR | K. DISCONNECT SWITCH |
| B. DISCHARGE PLUMBING - STEEL PIPE | L. PRESSURE TRANSDUCER |
| C. SUCTION PLUMBING - STEEL PIPE | M. CHECK VALVE |
| D. PRESSURE TRANSDUCER | N. BUTTERFLY VALVE |
| E. GRUVLOK STEEL COUPLING | O. CONCRETE PAD |
| F. STEEL PUMP SKID - DIRECT TO METAL CORROSION RESISTANT PAINT. | |
| G. ALUMINUM ENCLOSURE (INSULATED) | |
| H. VENT COVERS | |
| I. HEATER | |
| J. ELECTRICAL ENCLOSURE | |

PUMP STATION SHALL BE PRESSURE ACTIVATED, AND REQUIRES NO ELECTRICAL CONNECTION TO THE IRRIGATION SYSTEM.



Specification Data: Skid Mounted Pumping System, consisting of an aluminum enclosure, close coupled motor driven pump, suction and discharge points of connections, pressure transducer, Variable Frequency Drive (VFD), disconnect switch and associated fittings. All Hurricane Force Series Pump Stations come in 208 Volt, 240 Volt and 480 Volt, three phase power.

Application: Hurricane Force Series Skid Mounted Pumping System is to be used on any project where water needs to be moved. Common applications include Irrigation Systems, Rain Water Harvesting, and commercial water features/fountains. This series can be configured as flooded-suction, suction-lift, or booster pumps. All Hurricane Force Series Pump Stations are built and tested at the factory for the highest degree of quality.

Available on request: Standard construction details and architectural specifications.

Hurricane Force Series 15HP

PSI	GPM
65	240
32	1200

Hurricane Force Series 20HP

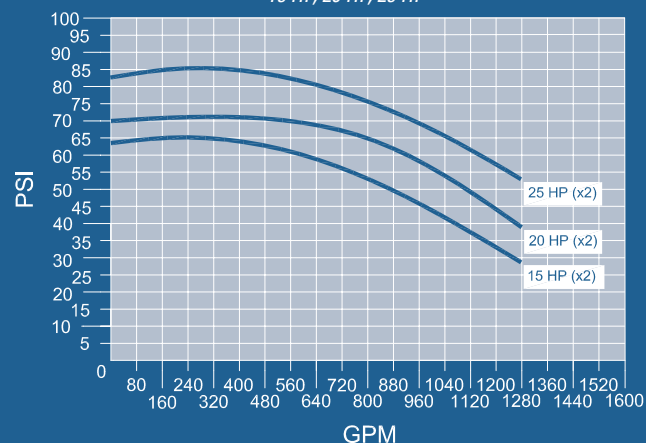
PSI	GPM
72	360
47	1160

Hurricane Force Series 25HP

PSI	GPM
86	280
58	1220

Hurricane Force Series Pump Curve

15 HP, 20 HP, 25 HP



Final Pump Horse Power to be sized by inCon-trol.

Use graph for preliminary sizing only.

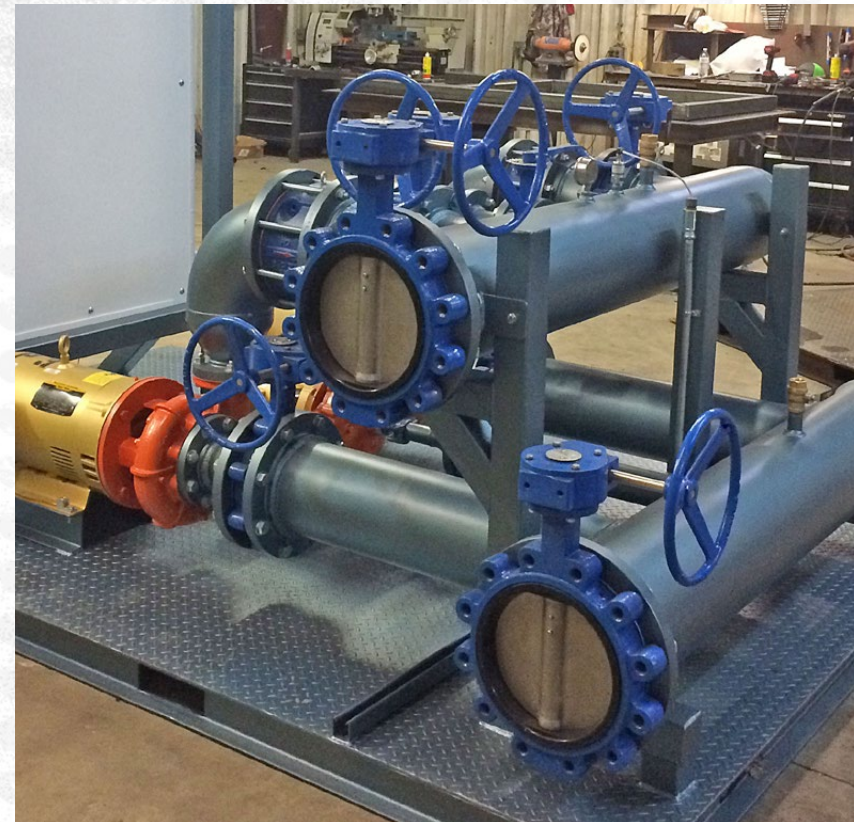
*The HURRICANE FORCE SERIES Pump Station is a duplex pump system. To achieve requested GPM, two pumps are required.

Three Phase Electrical Data

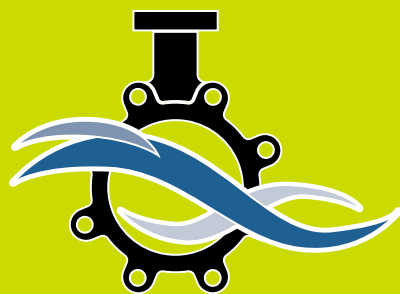
HP	Voltage	Service Size
15	208	175A
20	208	200A
25	208	250A
15	240	150A
20	240	175A
25	240	225A
15	480	70A
20	480	90A
25	480	110A

HURRICANE FORCE

SERIES



DEDICATED_{OF}
EXCELLENCE
ON EVERY JOB



inControl
water systems

HURRICANE

FORCE

◀ GOLF SERIES

Golf Course Pump System

FEATURES

Pressure Gauge

Pressure Transducer

Priming Port

Check Valves on Discharge
Manifolds

Pressure Maintenance Pump

Triplex Close Coupled Pumps
30-75HP Motors

Isolation Valves
*Individual pumps can be easily isolated for
maintenance and repair as well as the complete
system*

Suction Flange (connection typ.)
*Points of connection to Irrigation Main Line or
other service lines*

Discharge Flange
*Points of connection to Irrigation Main Line or
other service lines*

AVAILABLE OPTIONS

Custom enclosure and skid sizes

Totally Enclosed Fan Cooled Motor (T.E.F.C.)

Self Cleaning Filter

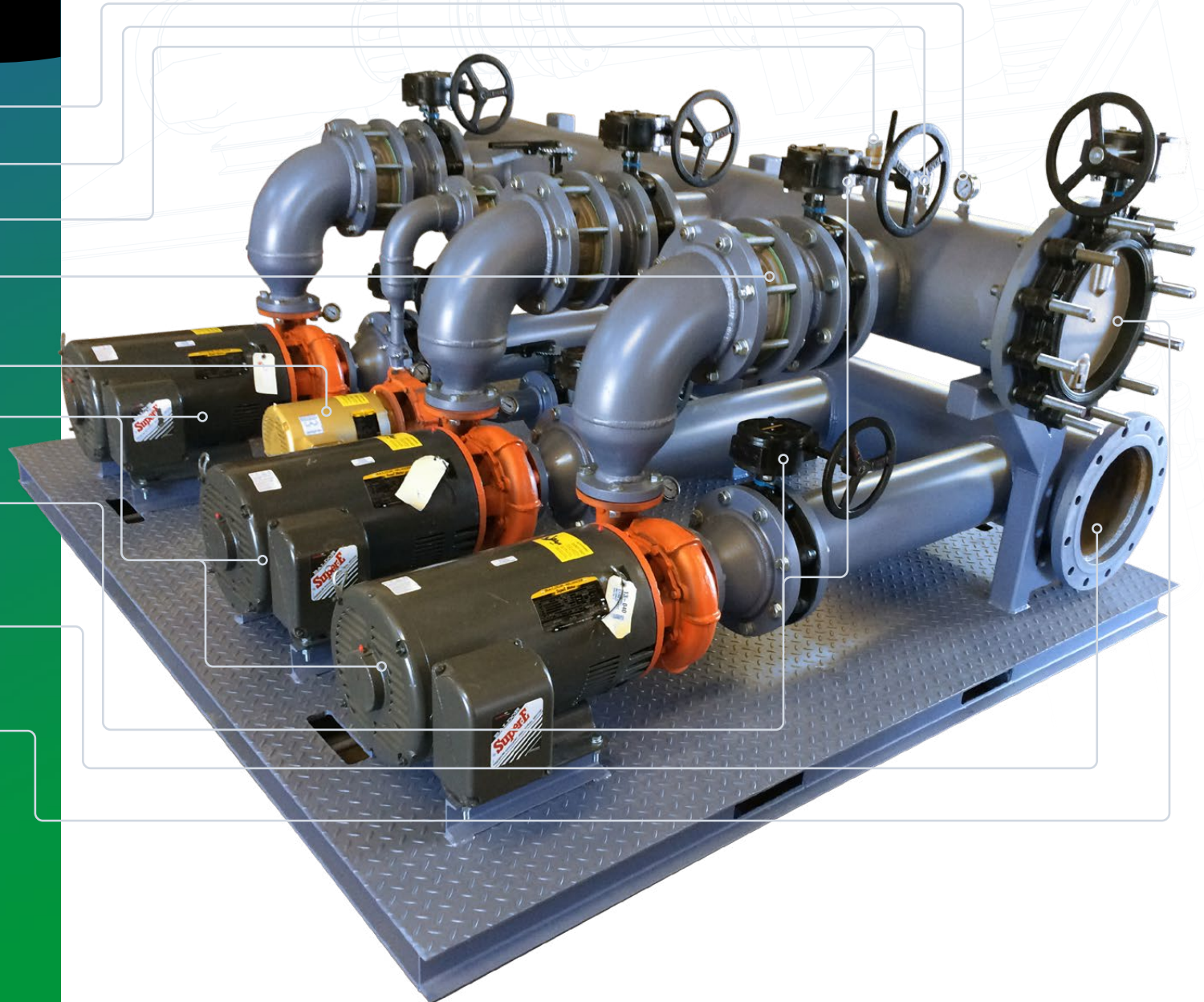
Level Controls

Existing Wet Well Option

Submarine Suction Foot Valve

Self Cleaning Filter

Vacuum Assist Pump



HURRICANE FORCE

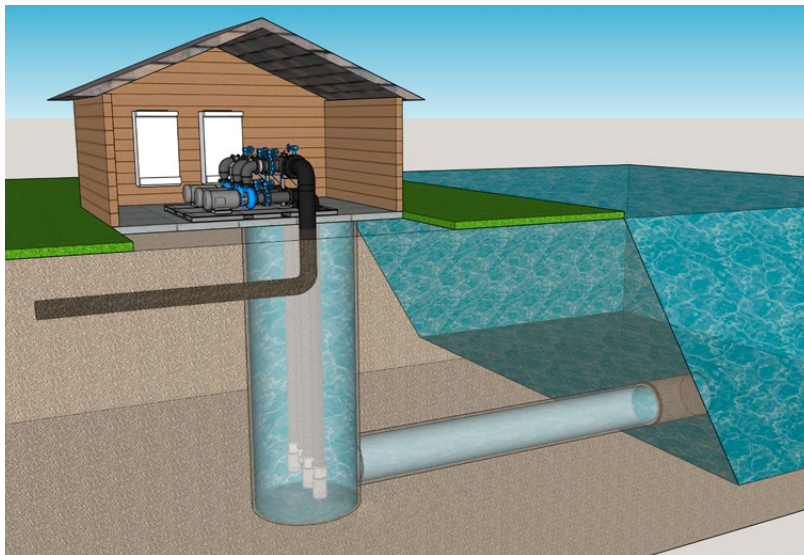
◀ GOLF SERIES

FEATURES & BENEFITS

Golf course pump station manufactured by inCon-trol Water Systems.

A stand-alone golf course pump station.

SUITABLE FOR: FLOODED-SUCTION • SUCTION-LIFT



- » Triplex Pump Station Package
- » Designed for the Golf Course Industry
- » Operates on 208, 240, Or 480 Volt; Three-Phase Power
- » Steel Skid, Painted w/ Direct to Metal Corrosion Resistant Paint
- » Pressure Activated and Requires No Wired Connection to Irrigation Controller
- » Variable Frequency Drive (VFD) Per Pump
- » Easy Plug and Play Installation
- » UL Listed Componentry
- » Flows Ranging from 1000–5000 GPM
- » Control panels can be skid mounted or installed on pump house walls

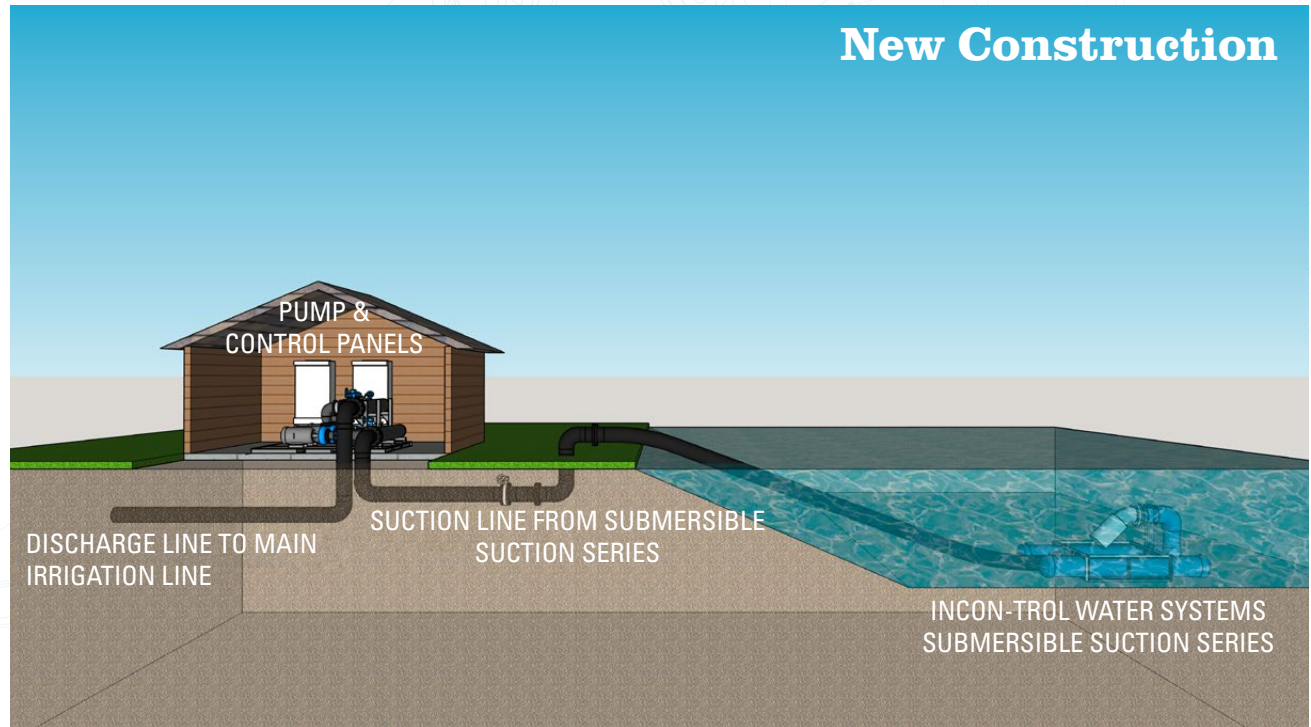
CONFIGURATION OPTIONS

The Hurricane Force Golf Series is a powerful and cost-efficient alternative to vertical turbine and outdated existing golf course pump stations.

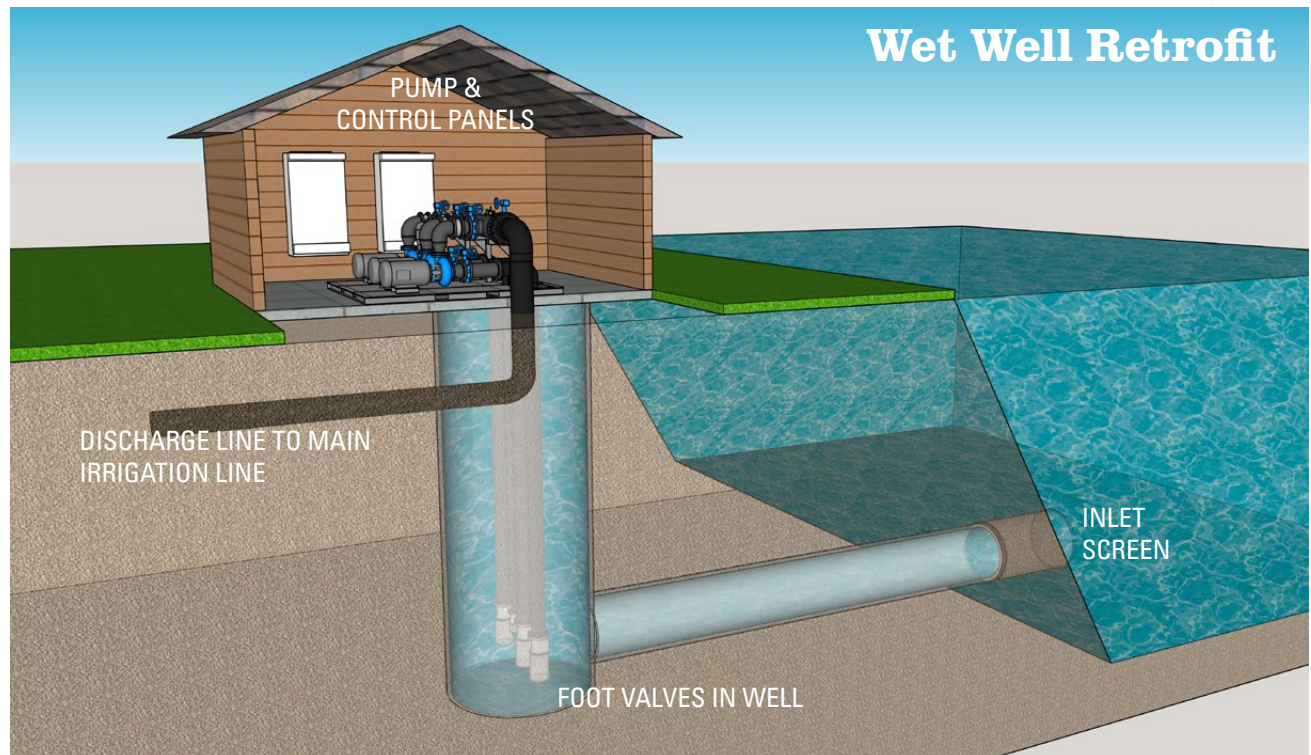
The **New Construction Series** utilizes a nearby retention pond in conjunction with inCon-trol's **Submarine Suction Series**. The Submarine Suction Series patented air ballast system allows the foot valve and suction screen to raise and lower in the body of water. This ensures that the pump station suction screen does not settle in mud and is always using clean water.

Additionally, inCon-trol offers an innovative **Wet Well Retrofit** option to replace any old or outdated vertical turbine pump station by utilizing the existing wet well. This system is easy to install and offers all the updated technology including remote access that enables the user to see and control the pump station from any smart device or desktop.

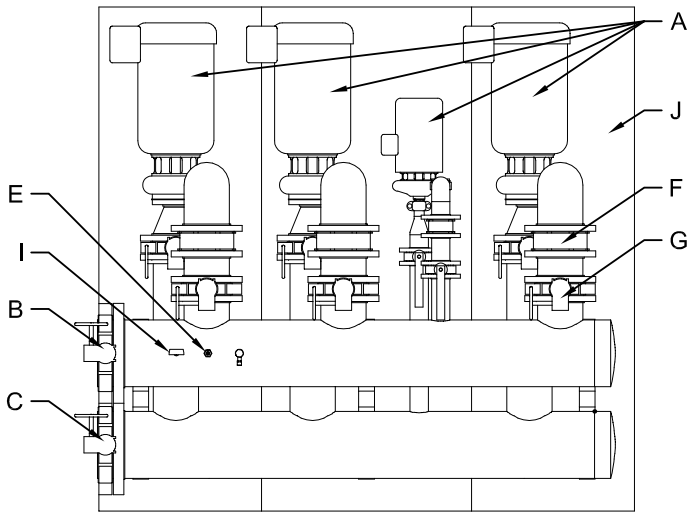
New Construction



Wet Well Retrofit



New Construction Option



**HURRICANE FORCE GOLF SERIES
NEW CONSTRUCTION OPTION**

A. CLOSE COUPLED PUMP/MOTOR

B. DISCHARGE PLUMBING - STEEL PIPE

C. SUCTION PLUMBING - STEEL PIPE

D. FLANGED FITTINGS

E. PRESSURE TRANSDUCER

F. CHECK VALVE

G. BUTTERFLY VALVE

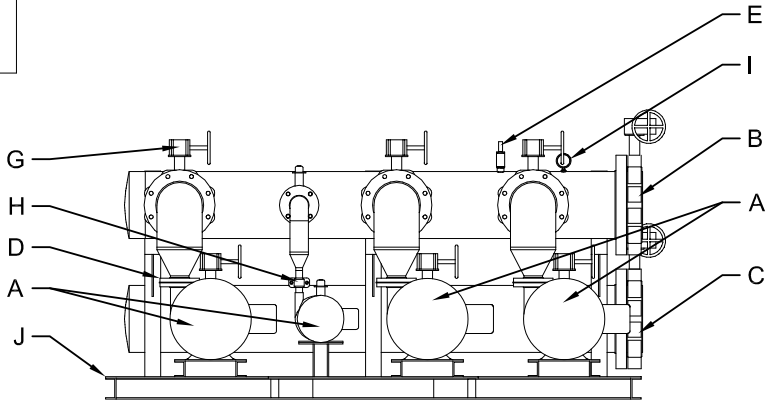
H. GROOVE LOCK FITTING

I. PRESSURE GAUGE

J. STEEL PUMP SKID - DIRECT TO METAL CORROSION RESISTANT PAINT.

PUMP STATION SHALL BE PRESSURE ACTIVATED, AND REQUIRES NO ELECTRICAL CONNECTION TO THE IRRIGATION SYSTEM.

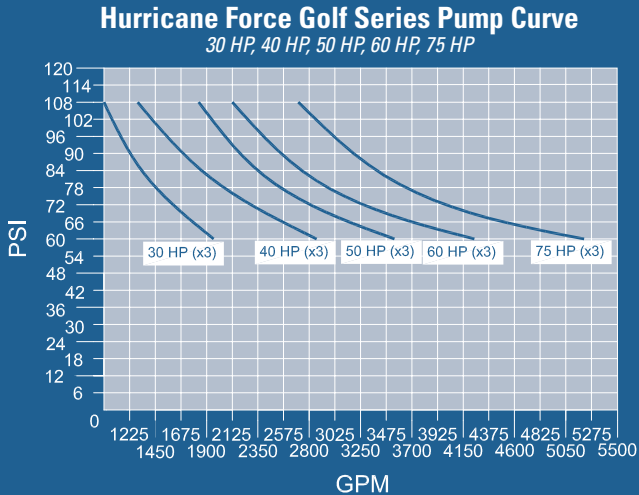
- NOTES:**
1. SLOPE FINISH GRADE AWAY FROM PUMP STATION / CONCRETE PAD
 2. SECURELY ANCHOR PUMP STATION TO CONCRETE PAD



Specification Data: Skid Mounted Pumping System, consisting of a close coupled motor driven pump, suction and discharge points of connections, pressure transducer, Variable Frequency Drive (VFD), disconnect switch and associated fittings. All Hurricane Force Golf Series Pump Stations come in 208 Volt, 240 Volt and 480 Volt, three phase power.

Application: Hurricane Force Golf Series Skid Mounted Pumping System is to be used on any golf course or project where large flow rates are required. This series can utilize an existing wet well or be used on any newly constructed golf course. All Hurricane Force Golf Series pump stations are built and tested at the factory for the highest degree of quality.

Available on request: Standard construction details and architectural specifications.



Final Pump Horse Power to be sized by inCon-trol.

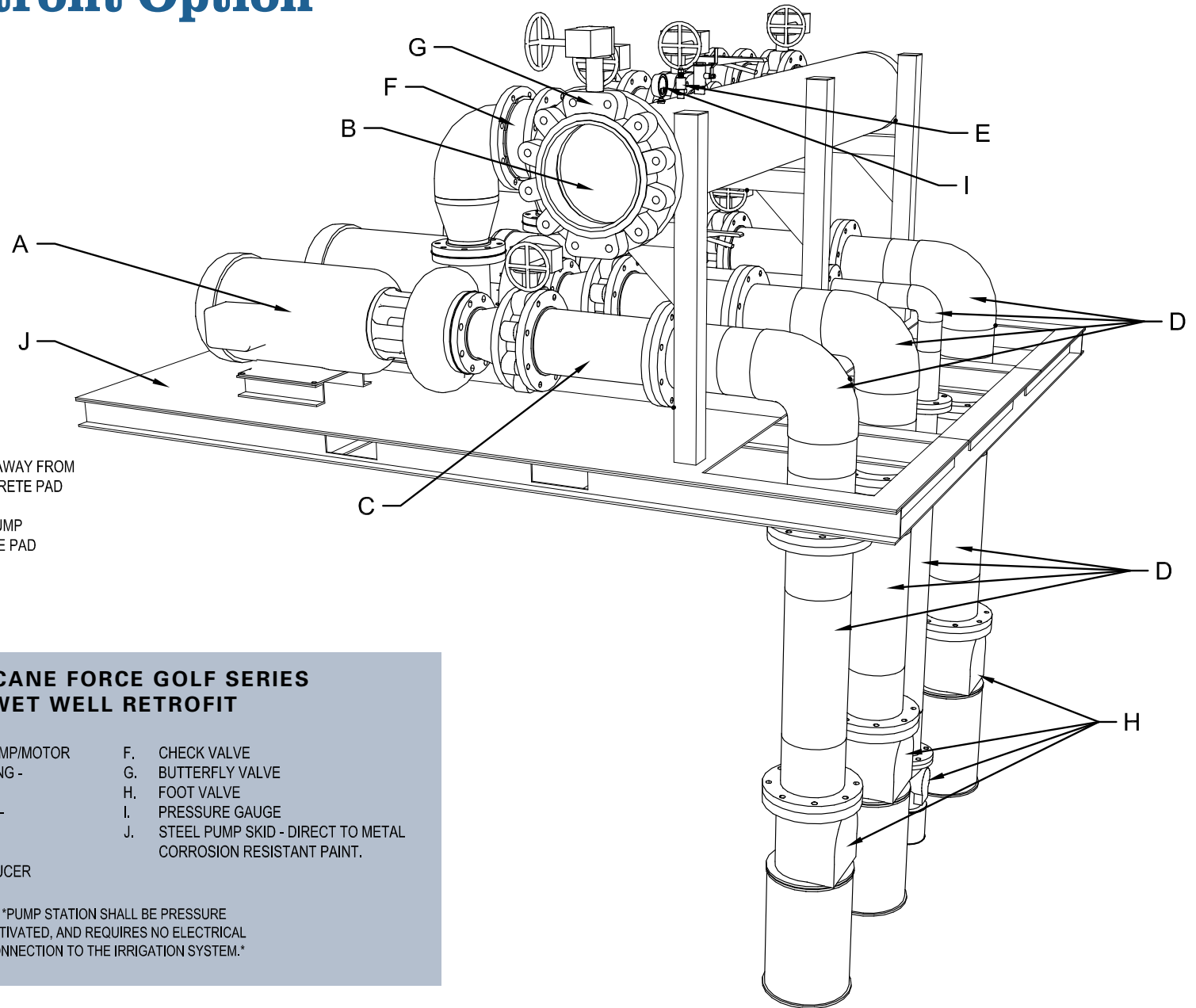
Use graph for preliminary sizing only.

All service size are to be 3-Phase, 3-Wire + Ground Wire.

Three Phase Electrical Data

HP	Voltage	Service Size
30	208	400A
40	208	500A
50	208	600A
60	208	700A
75	208	800A
30	240	350A
40	240	450A
50	240	500A
60	240	600A
75	240	700A
30	480	200A
40	480	250A
50	480	300A
60	480	350A
75	480	400A

Wet Well Retrofit Option



NOTES:

1. SLOPE FINISH GRADE AWAY FROM PUMP STATION / CONCRETE PAD
2. SECURELY ANCHOR PUMP STATION TO CONCRETE PAD

HURRICANE FORCE GOLF SERIES WET WELL RETROFIT

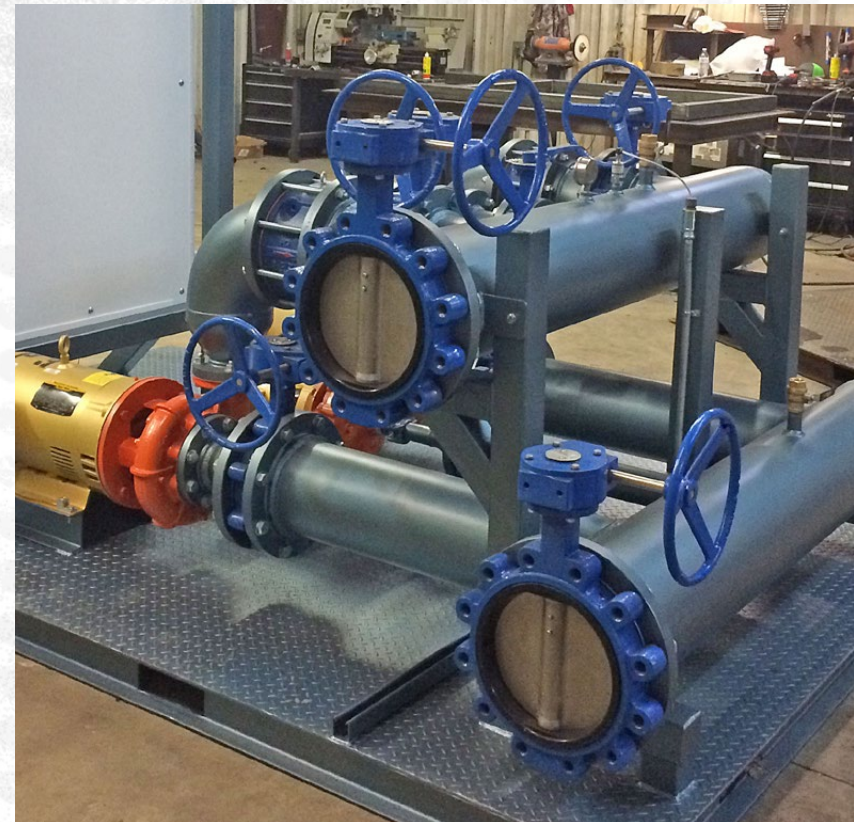
- | | |
|------------------------------------|---|
| A. CLOSE COUPLED PUMP/MOTOR | F. CHECK VALVE |
| B. DISCHARGE PLUMBING - STEEL PIPE | G. BUTTERFLY VALVE |
| C. SUCTION PLUMBING - STEEL PIPE | H. FOOT VALVE |
| D. HDPE DROP PIPES | I. PRESSURE GAUGE |
| E. PRESSURE TRANSDUCER | J. STEEL PUMP SKID - DIRECT TO METAL CORROSION RESISTANT PAINT. |

PUMP STATION SHALL BE PRESSURE ACTIVATED, AND REQUIRES NO ELECTRICAL CONNECTION TO THE IRRIGATION SYSTEM.

Pump curves and electrical requirements are the same as the New Construction option shown on the previous page.

HURRICANE FORCE

◀ GOLF SERIES



A PUMP IS A PUMP is a pump.
It's the **CONTROLS,**
Really.
inCon-trol Water Systems



SUBMARINE TURBINE

S E R I E S

Submersible Pump System

U.S. Patent #'s 7,938,957 , 8,123,957 & other patents pending.

FEATURES

Self-Cleaning Suction
Screen

Air Ballast

Pump Skid

Air Lines

Pump Sleeve

Electrical Junction Box

Pump Discharge Flange

AVAILABLE OPTIONS

Self-Cleaning Filter

Pressure Maintenance Pump

Scalable

SHORELINE COMPONENTS

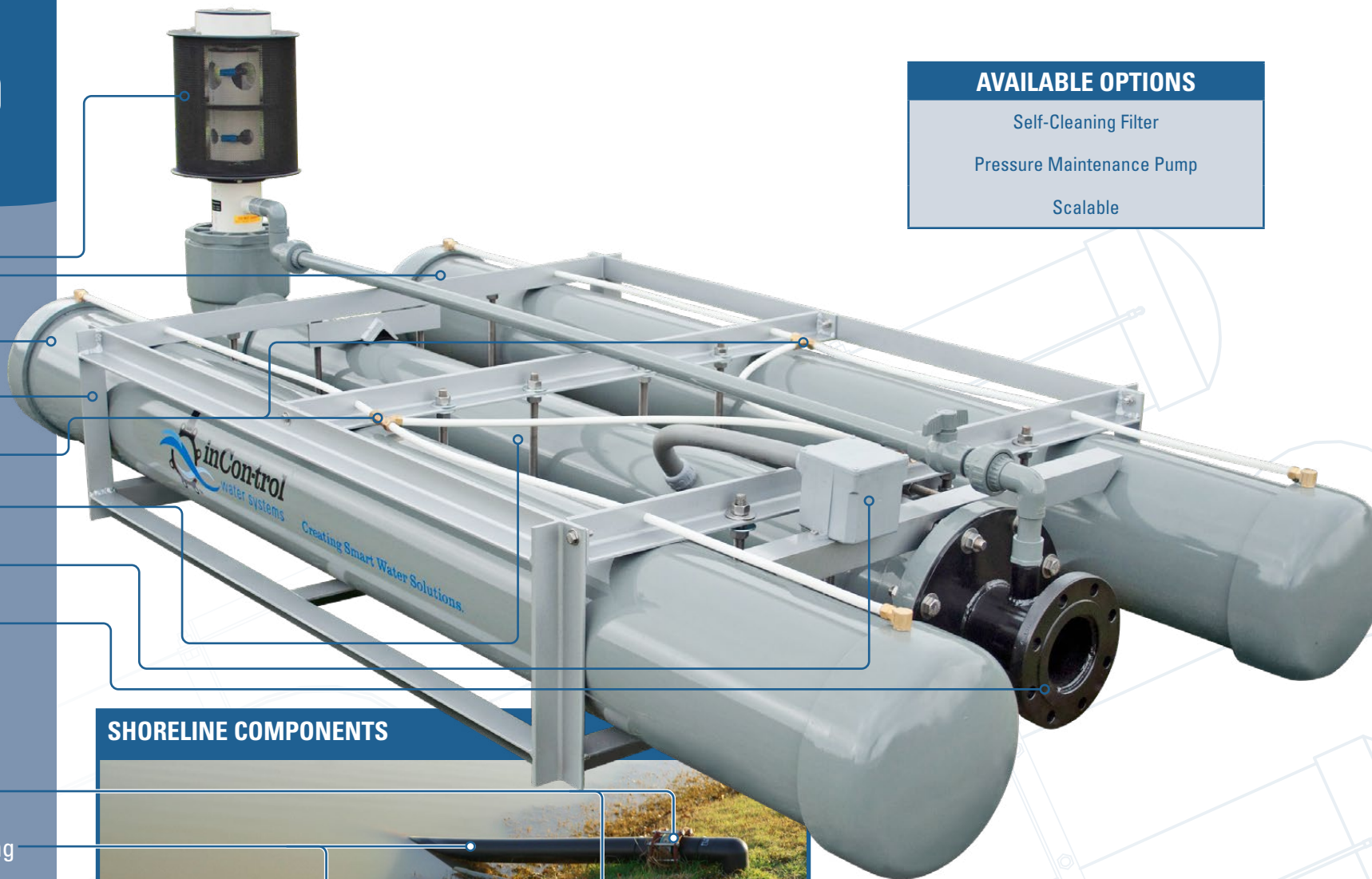
Check Valve

HDPE Discharge Plumbing

Pump Airlines

Pump Electrical

Butterfly Isolation Valve

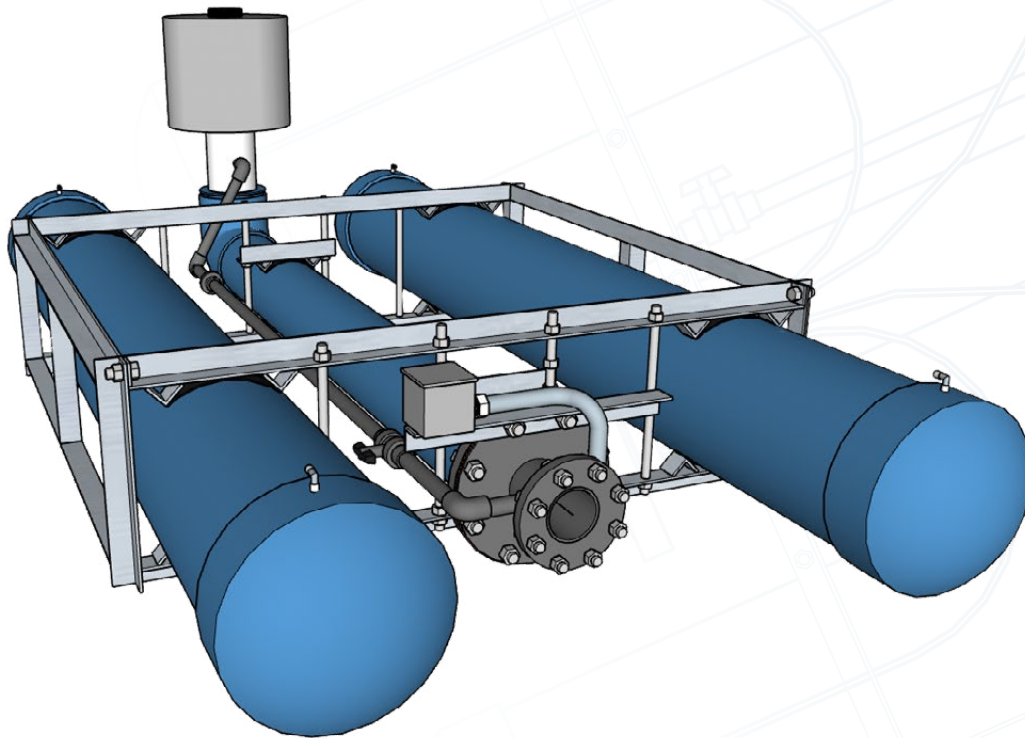


SUBMARINE TURBINE SERIES

Submersible pump station manufactured by inCon-trol Water Systems.

A patented submersible pump that can raise and lower in a body of water.

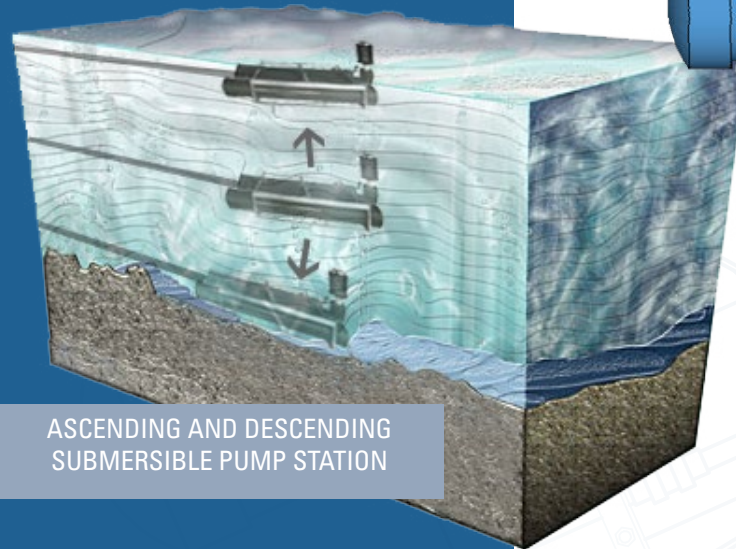
SUITABLE FOR: IRRIGATION • WATER TRANSFER • WATER FEATURES.



- » Commercial usage
- » Operates on 208 or 240 Volt; Single-Phase or Three-Phase Power
- » Pressure Activated and requires no wired connection to irrigation system
- » Variable Frequency Drive (VFD)
- » UL listed componentry
- » Optional Pressure Maintenance Pump & Self-Cleaning Filter
- » Customized flows and pressures
- » No freezing issues
- » No need for a wet well
- » Always primed
- » Easy Maintenance
- » Self-Cleaning Suction Screen

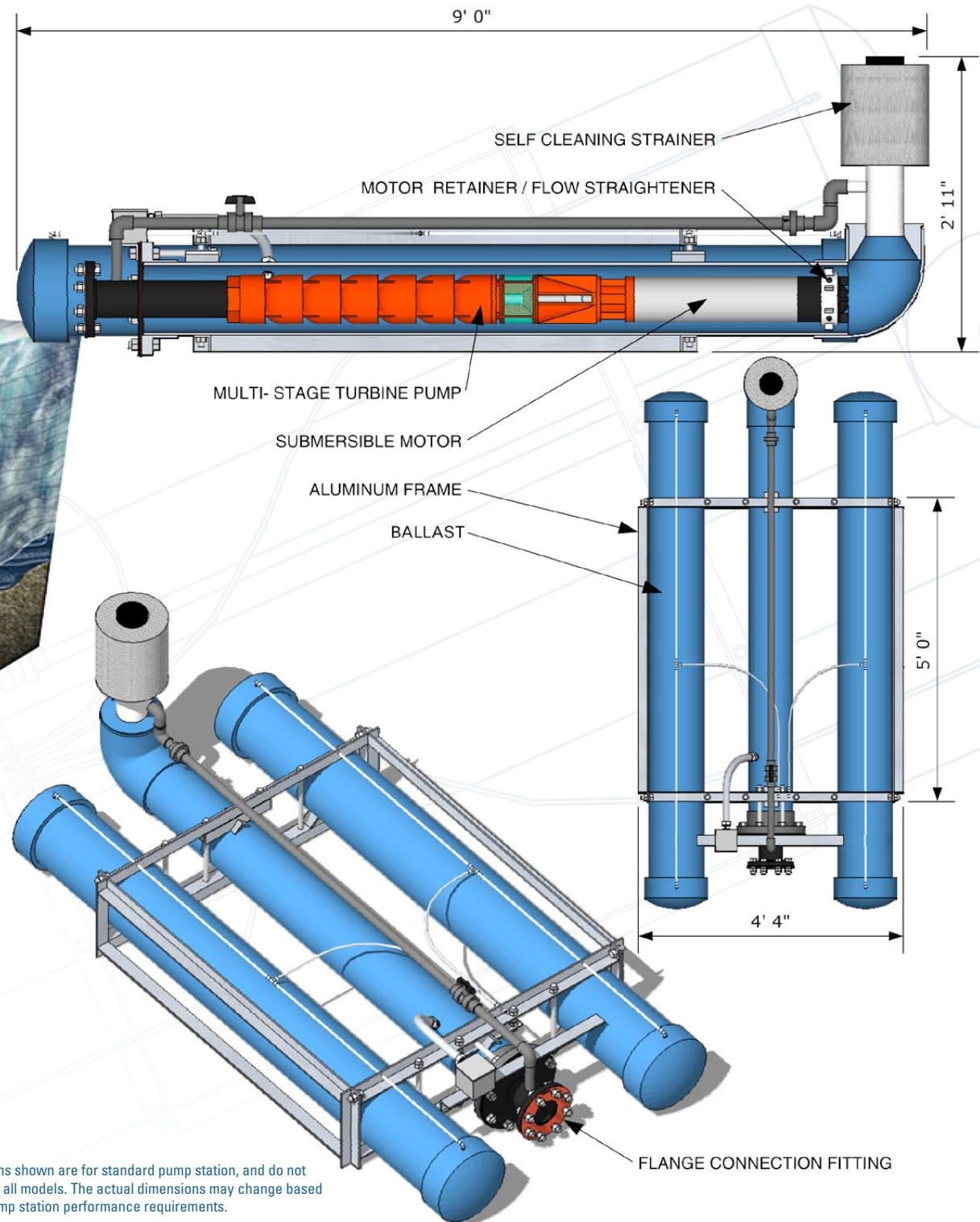
PATENTED PRODUCT

U.S. Patent #'s 7,938,957 , 8,123,957 & other patents pending.



ASCENDING AND DESCENDING
SUBMERSIBLE PUMP STATION

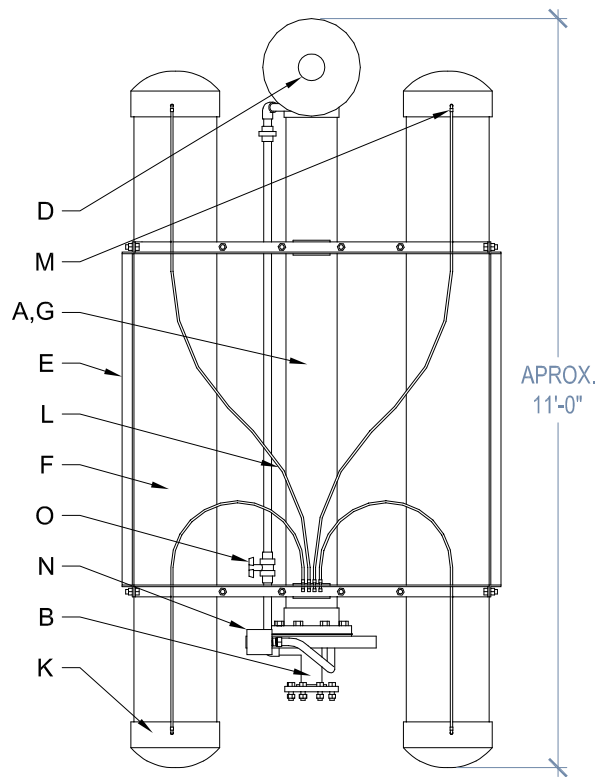
The Submarine Turbine Pump Station utilizes a patented ballast system for ascending and descending the pump station into a body of water. Think about how many problems this solves. No need for wet wells, no priming issues, no scuba drivers needed, no cranes and the Submarine Turbine Series significantly reduces installation costs. Simple repairs can be performed quickly and easily without requiring heavy machinery or removing the pump.



Dimensions shown are for standard pump station, and do not represent all models. The actual dimensions may change based on the pump station performance requirements.

FLANGE CONNECTION FITTING

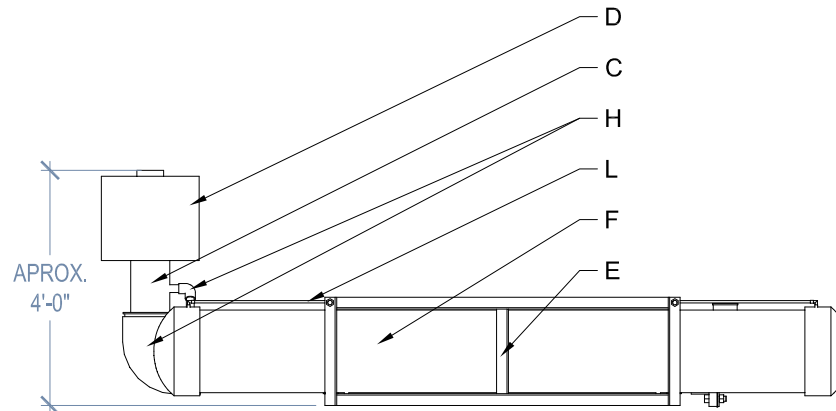
PUMP STATION DETAIL



SUBMARINE TURBINE SERIES

- | | |
|--|----------------------|
| A. SUBMERSIBLE PUMP/MOTOR | L. AIR LINE |
| B. DISCHARGE PLUMBING - FLANGED CONNECTION | M. SHARKBITE FITTING |
| C. SUCTION PLUMBING - PVC | N. ELECTRICAL BOX |
| D. SELF-CLEANING IN-TAKE SCREEN | O. BALL VALVE |
| E. ALUMINUM PUMP SKID | |
| F. BALLAST - PVC | |
| G. PUMP SLEEVE - PVC | |
| H. 90° BEND - PVC | |
| K. END CAP - PVC | |

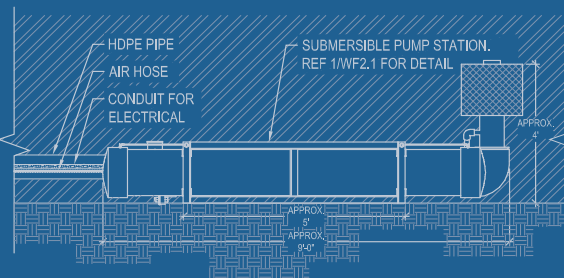
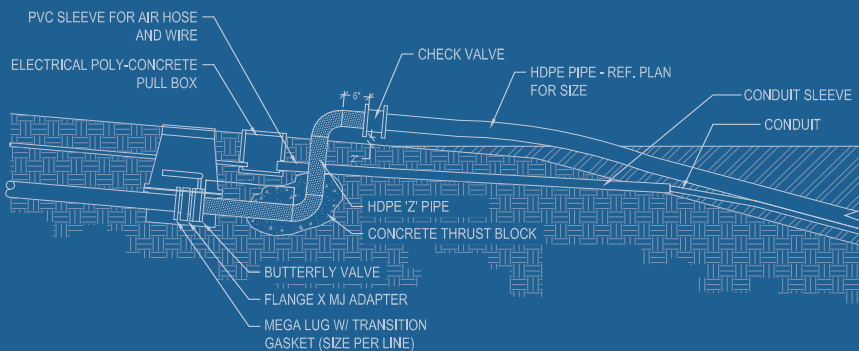
PUMP STATION SHALL BE PRESSURE ACTIVATED, AND REQUIRES NO ELECTRICAL CONNECTION TO THE IRRIGATION SYSTEM.



Pump Station Components: Submersible pumping system, consisting of an aluminum pump skid, submersible pump and motor, suction and discharge points of connections, pressure transducer, variable frequency drive (VFD), disconnect switch and associated fittings. All SUBMARINE TURBINE SERIES pump stations come in three phase, 208 - 240 Volt.

Application: SUBMARINE TURBINE SERIES skid mounted submersible pumping systems is to be used on any project where water needs to be moved. Common applications include irrigation systems, rain water harvesting, and commercial water features/fountains. All SUBMARINE TURBINE SERIES pump stations are built and tested at the factory for the highest degree of quality.

SHORELINE DETAIL

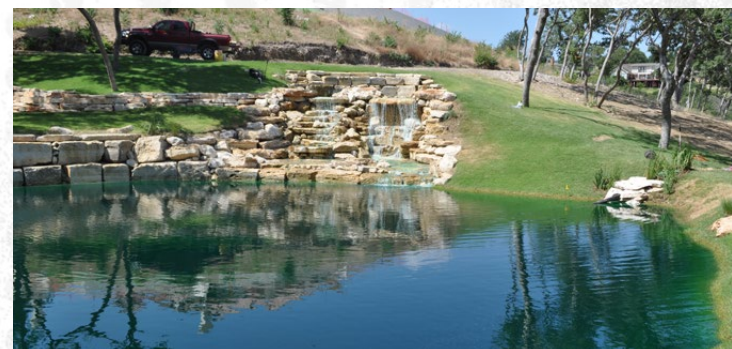
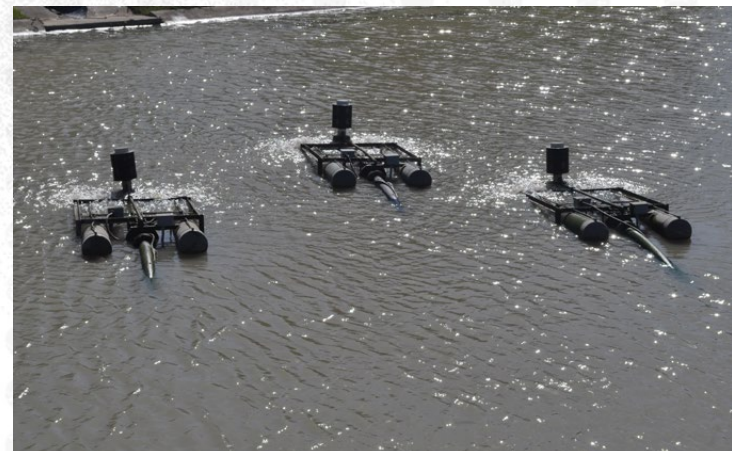


NOTES

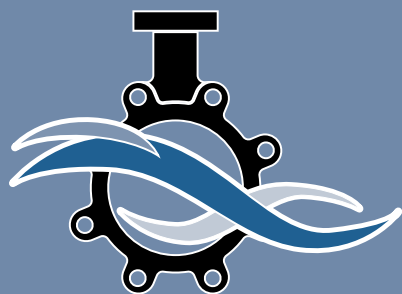
*Water Level needs to be at minimum 18" above self-cleaning screen.
(If not applicable, please contact inCon-trol Water Systems for customization.)*

inCon-trol Water Systems utilizes "Z" pipe configuration that will be visible on the shore line.

SUBMARINE TURBINE SERIES



DEDICATED_{OF}
EXCELLENCE
ON EVERY JOB



inControl
water systems

WATER HARVESTING SERIES

FEATURES

Metal Corrugated Tank

Tank Access Ladder

Optional

Overflow

Pump Station

Contact inCon-trol Water Systems for pump station size and series.

Pump Station Suction

Pump Station Discharge

Tank Drain Valve

Level Controls



AVAILABLE OPTIONS

Below Ground Tank

Plastic Tank

Colored Tank

Wood-Wrapped Tank

Powder Coated Tank

Pre- and Post-Tank
Filtration

Backup Water Control

Submersible (in tank) Pump

Onsite Water Well Control

Custom Pump Sizes
and Flows

Pitched or Flat Roof

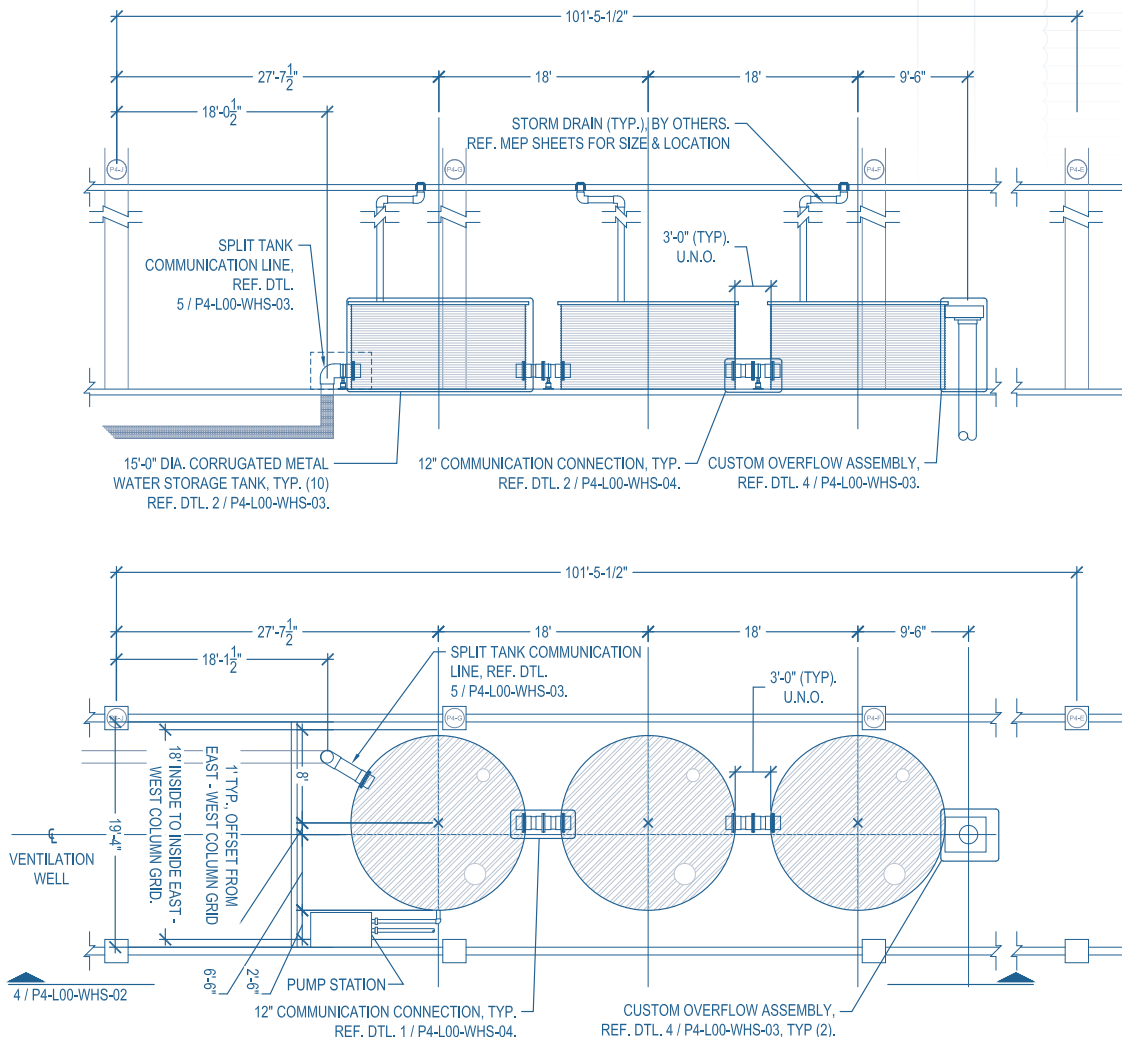
WATER HARVESTING SERIES

Turnkey water harvesting solutions manufactured by inCon-trol Water Systems.

SUITABLE FOR: IRRIGATION • GRAY WATER REUSE • WATER FEATURES

A water harvesting system complete with pump station and tank.

- » Complete system with tank, associated plumbing, and pump system(s)
- » Water collected from hardscapes, HVAC systems, and roofs
- » Water conservation for long term savings
- » Pre- and post-tank filtration
- » Backup water control (from protected water source)
- » Skid-Mounted pumps
- » Project-specific design
- » Custom Controls (Panels & Programming)

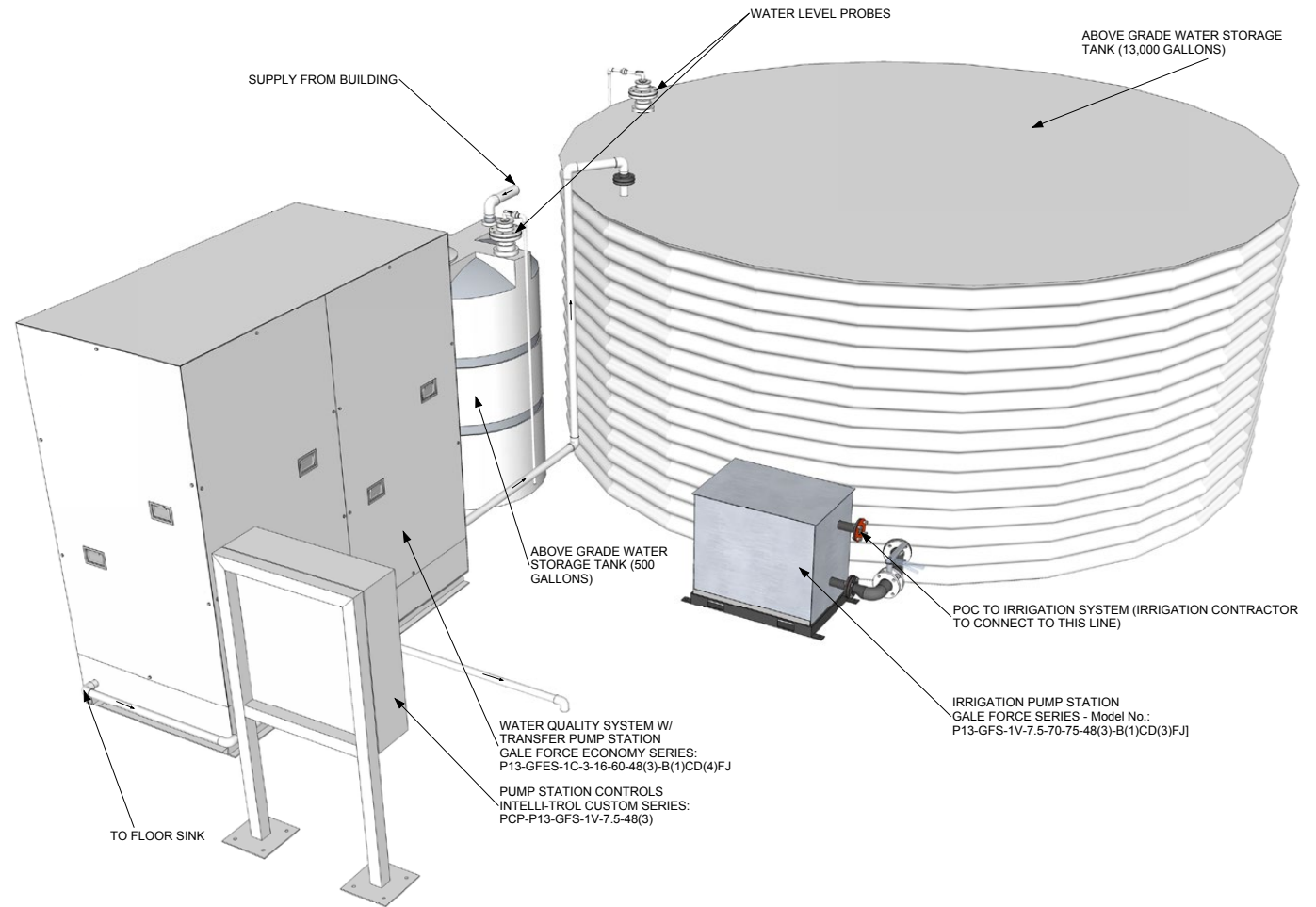


Case Study:

LEGACY TOWER

The Legacy Tower project takes advantage of the 13-story office building's condensate water supply from the HVAC system to irrigate the site. Using condensate water in a Water Harvesting System poses a unique challenge, requiring the water to be treated in order to make it suitable for irrigation purposes.

For the Legacy Tower project, inCon-trol Water Systems provided a separate Water Quality System to treat the condensate water prior to entering the main water storage tank. This Water Quality System contains a separate holding tank for the initial condensate supply water, an ultra-violet (UV) sanitizer, a reverse osmosis system, and transfer pump. First, the condensate water enters the holding tank, it then passes through the Water Quality System, and lastly into the 13,000 gallon main water storage tank as clean irrigation-ready water.



Case Study:

TOYOTA NORTH AMERICAN HEADQUARTERS

inCon-trol Water Systems designed, manufactured and installed one of the largest Rain Water Harvesting Systems in the nation for the Toyota North American Headquarters project in Plano, Texas.

The Rain Water Harvesting System is used to irrigate the corporate campus. The system is capable of storing up to 324,000 gallons of water in forty 15' diameter metal corrugated tanks. The tanks were broken up into four groups of ten with each group of ten located in one of the four parking garages. The tanks are filled with rain water runoff from the top floor of the parking garage as well as a backup two inch city water supply.

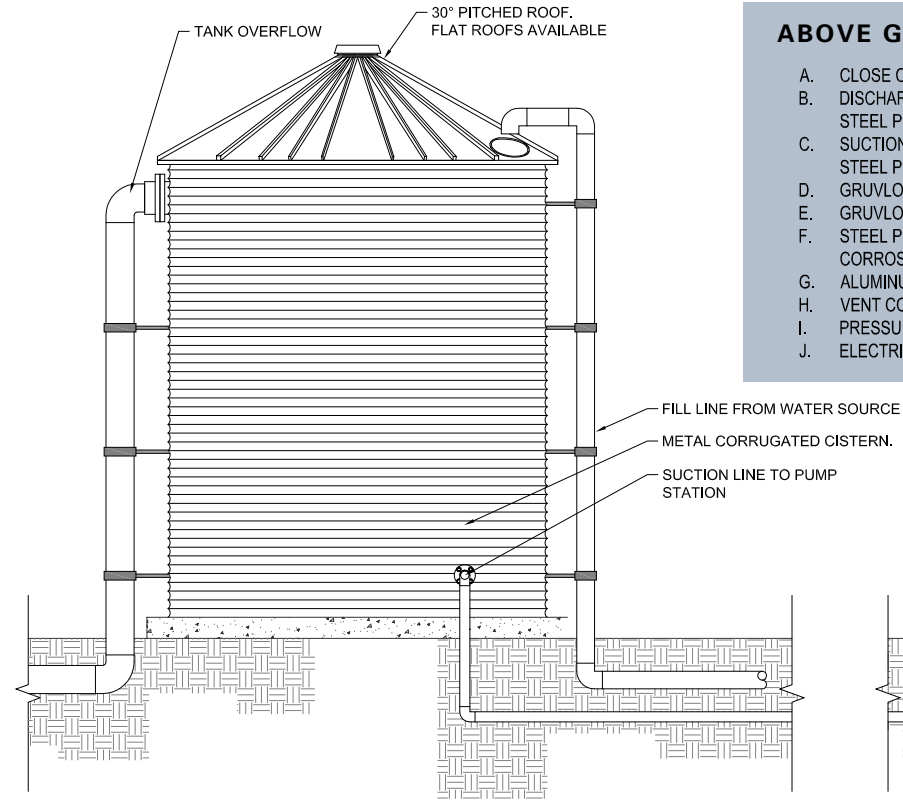
Each group of ten tanks is a complete system that consists of a 7.5 hp Monsoon Force Flooded Suction Pump and a Complete Control package. The Complete Control Package uses a series of radios allowing each group of tanks to communicate with each other critical data such as their water levels.



STANDARD DETAILS

All Water Harvesting Series are available with a Gale Force Eco, Gale Force, Monsoon Force, or Hurricane Force pump station to meet the project specific flow requirements.

Contact inCon-trol Water Systems for Pump Station Size and Series.



ABOVE GROUND WATER HARVESTING SERIES

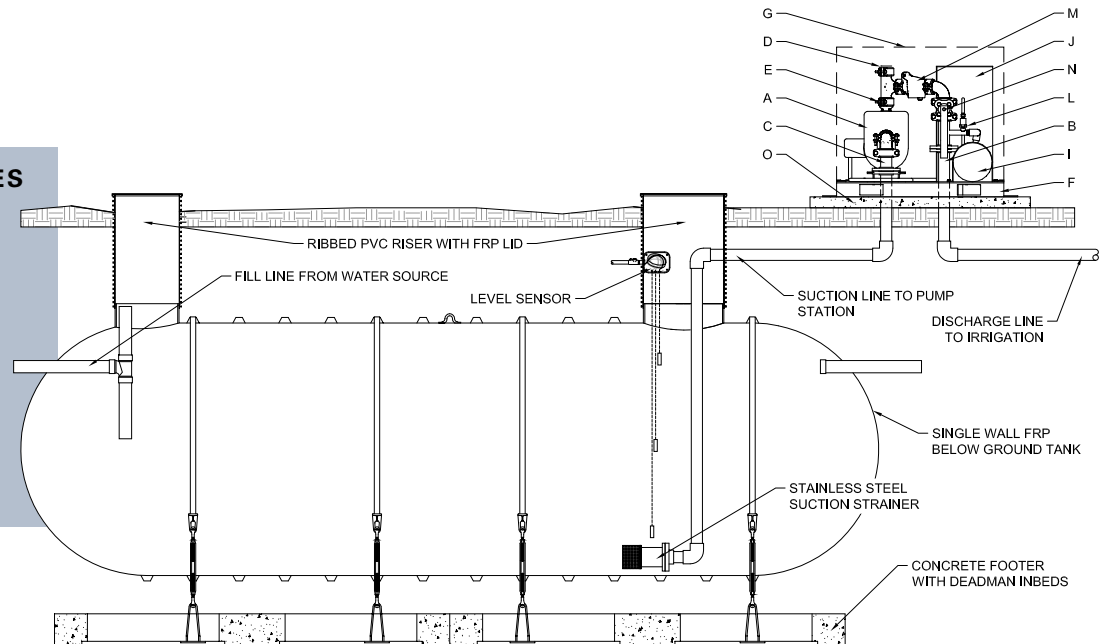
- | | |
|---|------------------------|
| A. CLOSE COUPLED PUMP/MOTOR | K. DISCONNECT SWITCH |
| B. DISCHARGE PLUMBING - STEEL PIPE | L. PRESSURE TRANSDUCER |
| C. SUCTION PLUMBING - STEEL PIPE | M. CHECK VALVE |
| D. GRUVLOK CAP | N. BUTTERFLY VALVE |
| E. GRUVLOK STEEL COUPLING | O. CONCRETE PAD |
| F. STEEL PUMP SKID - DIRECT TO METAL CORROSION RESISTANT PAINT. | |
| G. ALUMINUM ENCLOSURE (INSULATED) | |
| H. VENT COVERS | |
| I. PRESSURE TANK | |
| J. ELECTRICAL ENCLOSURE | |

PUMP STATION SHALL BE PRESSURE ACTIVATED, AND REQUIRES NO ELECTRICAL CONNECTION TO THE IRRIGATION SYSTEM.

BELOW GROUND WATER HARVESTING SERIES

- | | |
|---|------------------------|
| A. CLOSE COUPLED PUMP/MOTOR | K. DISCONNECT SWITCH |
| B. DISCHARGE PLUMBING - STEEL PIPE | L. PRESSURE TRANSDUCER |
| C. SUCTION PLUMBING - STEEL PIPE | M. CHECK VALVE |
| D. GRUVLOK CAP | N. BUTTERFLY VALVE |
| E. GRUVLOK STEEL COUPLING | O. CONCRETE PAD |
| F. STEEL PUMP SKID - DIRECT TO METAL CORROSION RESISTANT PAINT. | |
| G. ALUMINUM ENCLOSURE (INSULATED) | |
| H. VENT COVERS | |
| I. PRESSURE TANK | |
| J. ELECTRICAL ENCLOSURE | |

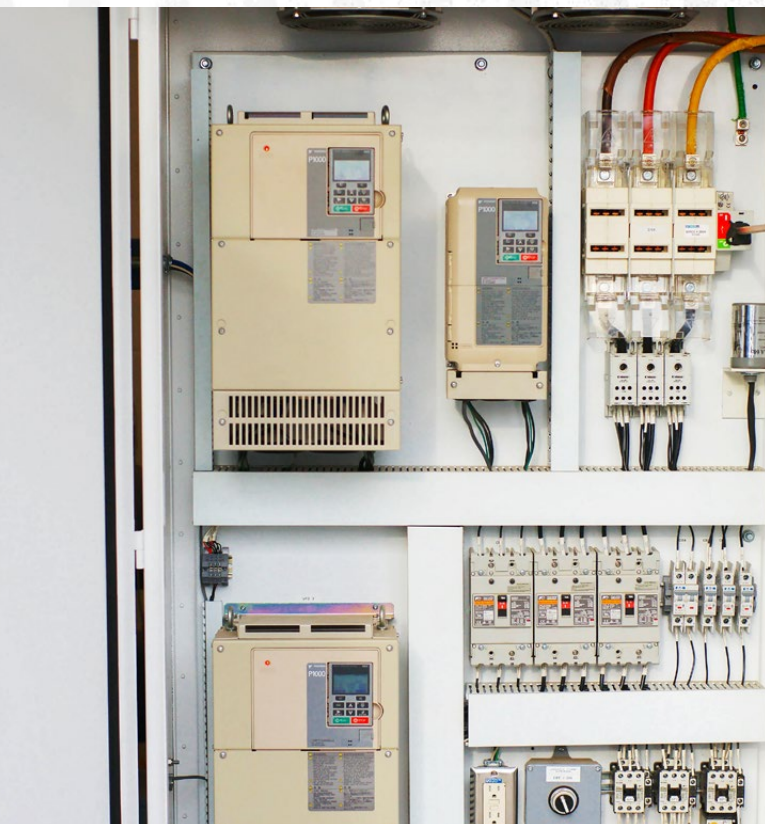
PUMP STATION SHALL BE PRESSURE ACTIVATED, AND REQUIRES NO ELECTRICAL CONNECTION TO THE IRRIGATION SYSTEM.



WATER HARVESTING SERIES



DEDICATED_{TO}
EXCELLENCE
ON EVERY JOB



All electrical panels are designed, built, & programmed by inCon-trol (Certified UL 508A Panel Shop).



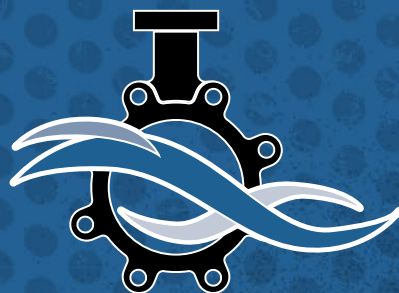
Water Feature Pumps & Pump Stations.



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