

Job Number: 2020676

Model Number : HCLVE-1-50x2/10VMSV-460-3-1100-110

Project Name: Heritage Golf Course

Salesperson: Eric Pifer

---

Order Date : 12/30/2020

Ship Date : 3/9/2021

Apps Engineer : Chandler Blaschka

---

Station Type : Horizontal Centrifugal

Site Voltage : 460VAC/3Phase/60hz

Configuration : Suction Lift

Power Configuration : WYE 3PH 4 Wire

Prime System : Vacuum Prime

SCCR Rating : 35 kA

Dynamic Inlet PSI : N/A

FCC Type : B

Feet of Lift : 8

Station Location : Inside - Weather Resistant Building

Discharge PSI : 110

Site Elevation : 891

Total Flow : 1100

Regulatory Compliance : UL Listed - Industrial Control Panel

Station Color : WT Sandstone

Station Enclosure : CSM Enclosure

---

Sold To

Customer PO : 091220EPSGCLV-50

City : Delavan

Company Name : Irrigation Protection Services

State : Wisconsin

Address 1 : W8370 Springwood Lane

Zip : 53115

Address 2 :

Country : United States

Sold To Contact

First Name : Gabe

Phone Number :

Last Name : Lopez

Fax Number :

Mobile Number : (262) 749-1491

Email Address : [irrmaster01@gmail.com](mailto:irrmaster01@gmail.com)

---

Invoice Price Information

Invoice Price : \$197,366

Refer to WT Change Order :

Muiltiplier :

Term of Sale : 50% Down

Corrected Price :

Special Terms Approved by :

---

Ship To

Company Name : Marquette Golf Course

City : Marquette

Address 1 : 1075 Grove Street

State : Michigan

Address 2 :

Zip : 49855

Country : United States

Ship To Contact

First Name : Gabe

Phone Number :

Last Name : Lopez

Fax Number :

Mobile Number : (262) 749-1491

Email Address : [irrmaster01@gmail.com](mailto:irrmaster01@gmail.com)

---

Shipment Details

24 Hour Advance Notice : Yes

Notification of Shipment : All

Carrier : FOB Hartland - WT Selects Carrier

Other :

Services Included in Total Price :

Arrival Confirmation Notes :

Installation Service Type : None

Station Weight :

Comments

Job Number: 2020676  
Project Name: Heritage Golf Course

Model Number : HCLVE-1-50x2/10VMSV-460-3-1100-110  
Salesperson: Eric Pifer

#### HC Requirements

Max Lift (ft) : 8	Suction Line Material : HDPE
Station is Drawing From : Reservoir through suction lines	Priming Method : Vacuum Prime
Suction Lines Provided by : Watertronics	Vacuum Prime Detail : Standard Vacuum Prime
Customer Provided Details :	Foot Valve Required : No
Suction Line Configuration : Common Suction Line	Foot Valve Details :

#### Comments

Neptune black floats for 10" Suction line (qty. 3)

---

#### Skid Construction

Skid Construction : Formed Steel 6-3/8"	Coating for Skid : Painting
Fit in Shipping Container : No	Skid Color : Same as Station
Skid Construction Details :	Describe Special Coating Under Skid :
Lifting Points : 12	Leveling Kit : 1

#### Comments

---

#### Pump / Manifold / Piping

Piping Material : Mild Steel	Station Iso Butterfly Valve Size (in) : 8
Pipe Coating : Paint Only	Station Iso Butterfly Valve Style : Lug Style
Pipe Coating Application : Exterior Only - Specify	Station Butterfly Valve Operator : Gear Wheel
Pipe Color (Exterior) : Same as Station	Flow Meter Type : Data Industrial
Injection Taps Per Zone : 3-3/4"	PRV Size (in) : 3
Pressure Relieve Valve Type : Flanged Angle	System Relief Piped To : Flush Line

#### Comments

---

#### Station Enclosure

Station Enclosure Type : CSM	Enclosure Paint Color : Same as Station
Acoustic Insulation : No	Thermal Insulation : No
Exterior Lighting : 70W LED External Dusk to Dawn Light	Interior Lighting : Yes
Snow or Wind Rating : No	Roof Hatch : No
Special Enclosure Height : No	External Power Connection : Fused Disconnect Box

#### Comments

---

#### Drop Pipes

Inlet Drop Pipe : Yes - See CSO	Discharge Drop Pipe : Yes - See CSO
Paint Color : Same as Station	Paint Color : Same as Station

#### Comments

## Pumps

Motor Efficiency for All Motors : Premium

Motor Elevation Derate : N/A

---

### Jockey Pump (#1)

Jockey Sequence : 3

Temperature Sensor at Intake : Yes

#### Pump Specification

Watertronics Part Number : NP-10 9407  
Manufacturer : Goulds  
Manufacturer Model Number : 15SVRJ4F50  
Pump Type : VMS  
Efficiency : 70%  
TDH : 280 FT  
Flow : 100GPM  
TPL : N/A  
Stages : 6  
RPM : 3600  
Discharge Size : 2IN  
Impeller Trim : N/A  
Comments :

#### Motor Specification

Watertronics Part Number : Part of Pump  
Manufacturer : Part of Pump  
Manufacturer Model Number : Part of Pump  
Horse Power : 10  
Efficiency :  
Enclosure : ODP (Open Drip Proof)  
Frame :  
Motor FLA : 9.6  
Coupling Type :  
Motor Coupling Size :  
Winding Heaters : No  
Motor Temp Switch : No  
Vibration Sensor : No

---

### Main Pump (#2)

Temperature Sensor at Intake : Yes

#### Pump Specification

Watertronics Part Number : 88-50-0123  
Manufacturer : Goulds  
Manufacturer Model Number : 12BF  
Pump Type : HC  
Efficiency : 76.6%  
TDH : 280 FT  
Flow : 500GPM  
TPL : N/A  
Stages : 1  
RPM : 3600  
Discharge Size : 3IN  
Impeller Trim : 8-11/16IN  
Comments :

#### Motor Specification

Watertronics Part Number : 48-11-3024  
Manufacturer : Baldor  
Manufacturer Model Number : EJMM2542T  
Horse Power : 50  
Efficiency : 93%  
Enclosure : OPSB (Open Slotted Band)  
Frame : 324JM  
Motor FLA : 58  
Coupling Type :  
Motor Coupling Size :  
Winding Heaters : No  
Motor Temp Switch : No  
Vibration Sensor : No

Job Number: 2020676  
Project Name: Heritage Golf Course

Model Number : HCLVE-1-50x2/10VMSV-460-3-1100-110  
Salesperson: Eric Pifer

## Pumps

Motor Efficiency for All Motors : Premium

Motor Elevation Derate : N/A

### Main Pump (#3)

Temperature Sensor at Intake : Yes

#### Pump Specification

Watertronics Part Number : 88-50-0123  
Manufacturer : Goulds  
Manufacturer Model Number : 12BF  
Pump Type : HC  
Efficiency : 76.6%  
TDH : 280 FT  
Flow : 500GPM  
TPL : N/A  
Stages : 1  
RPM : 3600  
Discharge Size : 3IN  
Impeller Trim : 8-11/16IN  
Comments :

#### Motor Specification

Watertronics Part Number : 48-11-3024  
Manufacturer : Baldor  
Manufacturer Model Number : EJMM2542T  
Horse Power : 50  
Efficiency : 93%  
Enclosure : OPSB (Open Slotted Band)  
Frame : 324JM  
Motor FLA : 58  
Coupling Type :  
Motor Coupling Size :  
Winding Heaters : No  
Motor Temp Switch : No  
Vibration Sensor : No

### Additional Pump Details

Discharge Head Material (Mains) : Ductile Iron  
Check Valve Design (Mains) : Silent Slam  
Individual Iso Valve (Mains) : EBV

Shaft Material (Mains) : N/A  
Discharge Seal Type (Mains) : N/A

### Comments

### Level Controls - None

### Filtration

#### Discharge Filter

Filter Quantity : 1  
Discharge Filter Type : Automatic Self-Cleaning  
Future Filters : 0  
Bypass : 8IN

Filter Manufacturer : VAF  
Model : V1000NB-8  
Filter Mesh Size : 300 Micron  
Filter Flush Type : Automatic - Pressure Diff

### Comments

### Additional Items

Neptune black floats for 10" suction line (qty. 3) - ship loose