

Job Number: 2020580

Model Number : VTV-1-60x3/15V/5ST-480-3-1800-120

Project Name: Lakewood Country Club

Salesperson: Mike Green

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Order Date : 10/26/2020

Ship Date : 12/29/2020

Apps Engineer : Chandler Blaschka

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Station Type : Vertical Turbine

Site Voltage : 460VAC/3Phase/60hz

Configuration : N/A

Power Configuration : WYE 3PH 4 Wire

Prime System : N/A

SCCR Rating : 35 kA

Dynamic Inlet PSI : N/A

FCC Type : N/A

Feet of Lift : N/A

Station Location : Inside - Weather Resistant Building

Discharge PSI : 120

Site Elevation : 720

Total Flow : 1800

Regulatory Compliance : UL Listed - Industrial Control Panel

Station Color : WT Green

Wet Well Depth : See CSO

Elec. Encl. Location : On Skid

Flow Meter Location : On Skid

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Sold To

Customer PO : 2008110728Q002

City : Mt. Pleasant

Company Name : Thielen Turf & Irrigation

State : Michigan

Address 1 : 600 Industrial Ave

Zip : 48858

Address 2 :

Country : United States

Sold To Contact

First Name : Doug

Phone Number :

Last Name : Thielen

Fax Number :

Mobile Number : (989) 506-6037

Email Address :

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Invoice Price Information

Invoice Price : \$148,917

Refer to WT Change Order :

Muiltiplier :

Term of Sale : 50% Down

Corrected Price :

Special Terms Approved by :

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Ship To

Company Name : Lakewood Country Club

City : Westlake

Address 1 : 2613 Bradley Road

State : Ohio

Address 2 :

Zip : 44145

Country : United States

Ship To Contact

First Name : Aaron

Phone Number :

Last Name : Archambauh

Fax Number :

Mobile Number : (603) 502-7438

Email Address :

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Shipment Details

24 Hour Advance Notice : Yes

Notification of Shipment : All

Carrier : FOB Hartland - WT Selects Carrier

Other :

Services Included in Total Price : Full Installation

Arrival Confirmation Notes :

Installation Service Type : None

Station Weight :

Comments

Mechanical Engineer: Andy Casper

Controls Engineer: Cory Wolgast

Electrical Engineer: Sandy McElhinny

Job Number: 2020580

Model Number : VTV-1-60x3/15V/5ST-460-3-1800-120

Project Name: Lakewood Country Club

Salesperson: Mike Green

## Electrical Spec

Pump ID	HP	RPM	GPM	HTR	XL	VFD	SS	EBV	Temp SW	Pump Temp Sensor
Sustain	5	3600	46	No	Yes	None	No	No	No	No
Jockey (#1)	15	1800	125	Yes	Yes	1	No	Yes	No	No
Main (#2)	60	1800	600	Yes	Yes	1	No	Yes	No	No
Main (#3)	60	1800	600	Yes	Yes	1	No	Yes	No	No
Main (#4)	60	1800	600	Yes	Yes	1	No	Yes	No	No

## Mechanical Reference

Inlet Pressure : N/A	Inlet Pressure Transducer : N/A
Discharge Flow : 1800	Flow Meter Type : Mag Meter (Growsmart)
Discharge Pressure : 120	Discharge Size : 8IN

## Options

Control System : Sigma w/ Touchscreen	Disconnect Type : Fused
Display : 7" Color	Panel Location : On Skid
Surge Protection : Standard	Dead Front : No
Opto Coupler : Yes	NEMA Rating : 3R
Opto Isolator : Yes	Station Heating : No
Lighted HOAs : Yes	Panel Leg Height : Not Set
ETMs on Panel : No	Window Kit : No
Panel Lighting : Interior Only	VFD Viewing Window : Yes
Power Phase Monitor Protection : Yes	Enclosure Cooling : Heat Exchanger Left
Individual Motor Disconnects : No	Chemical Treatment Relay : Yes
Accessory Junction Box : No	Remote Disable Relay : Yes
Fertigation Run Relay : Yes	Electrical Enclosure Size : 75X72X16

## Option Comments

Power Phase Monitor Protection, Remote Disable Relay, Fertigation Run Relay

## Station Enclosure - None

## Level Controls - None

Level Sensing Method : Level Float (normally closed) & Transducer	Location : Wet Well
Number of Set Points : 1	

Fill Source	Type	HOA
Pond 1	Contact	No
Pond 2	Contact	No

## Level Control Comments

## Fertigation - None

## Auxiliary Power - None

## Power Conditioning - None

Mechanical Engineer: Andy Casper

Controls Engineer: Cory Wolgast

Electrical Engineer: Sandy McElhinny

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### Telemetry

Type : WV Cloud      Provider : 4G Verizon      Software and Version : 5 Year Standard  
Latitude : 41 26'56.42" N      Longitude : 81 57'26..06" W

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### WYE Strainer

WYE Strainer Manufacturer : Metraflex      Type Size : Autoflush WYE (LPD) - 10"

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### Sequence of Operations

ALARMS: Low pressure, high pressure, low wet well level, phase/voltage and VFD fault (when applicable) are standard alarms. Please list additional alarms below:

Alarm 1 : N/A

Alarm 2 : N/A

Alarm 3 : N/A

Alarm 4 : N/A

### Sequence of Operations Comments

Standard (pressure drop start / flow drop retire)

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### Additional Items Comments