



Quote Number: CLP004815

Quote Date: 10-17-2024



Rev. B

Quote Valid Thru: ~406~

Technical Specification

Project: Willcox School Booster - Willcox AZ

Spec	Value	Description
Site Power	208VAC x3-Phase	Power (verified by contractor) that will be available on-site to run the pump station.
Site Dynamic Water Pressure or Lift	50 PSI	Pressure shown on the water supply while plumbing fixture is drawing water.
Boost Pressure (PSI)	40	Pressure pump station is required to add to the Site Dynamic Water Pressure.
Discharge Pressure (PSI)	90	Total pressure at pump station discharge (Dynamic Inlet plus Boost).
Max Flow Rate (GPM)	85	Flow rate station is designed to achieve
Min Flow Rate (GPM)	34	Minimum flow rate the station is required to produce at a stable level
Estimated FLA (Amps)	25	Full Load Amperage the station will draw at any point during its operation
Horsepower (HP)	05	Rated horsepower of the pump
Quantity	1	Number of stations purchased
Pump Model Number	CLP05EAC5	

Included Options	Description
Environmental Enclosure	Marine Grade Aluminum
Start Method	Flow Start
Bladder Tank	None
PLC	VFD Only
Pump Start Relay	24VAC Pump Start Relay
Surge Arrestor	None
Flow Switch	CLP Flow Start Kit
Display	LCD Display
MCA	Not Included
Start Up	One day of start-up and training assistance by a Rain Bird Authorized Service Provider

Mechanical Features

1	Schedule 40 steel pipe fusion-bonded polyester powder coated.	6
2	Liquid filled suction & discharge pressure gauge	7
3	Stainless Steel Pressure Transducer	8
4	Pump Isolation Valves	9
5	VFD Started Motor	10
See Pipes/Adapters	3" Flange Adapter, 3" Flange Adapter.	
Filter		

Electrical Features

1	Alarm indicator light, externally mounted red light.	6
2	NEMA 3R Auto-Off-Manual switch.	7
3	Variable Frequency Drive	8
4	Deadhead fault alarm	9
5	Electrical Overload Shutdown & Restart	10

Notes

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