

Variable Frequency Drive on a Electric Turbine

Experienced at
Bellview Farms



The linked image cannot be displayed. The file may have been moved, renamed, or deleted. Verify that the link points to the correct file and location.



Advantages

- Energy Saving
- Ability to control output water pressure
- Ability to maintain set pressure
- More efficient use of water

Energy Savings

- Energy saving is specific to the application
- Supplier can figure cost savings and payback for your application

Ability to control output water pressure

- Drip application
- Control droplet size
- More efficient use of different sprinkler styles



Clock

Pressure Control

Timer

Pressure Sensor

Ability to maintain set water pressure

- Control is pressure sensitive
- If water demand changes, the control will adjust the RPM of the turbine to maintain set pressure

More efficient use of water

- Apply water at the proper pressure for particular system
- Only apply water where it is needed

Precautions

- Relieve air at end of main lines
- Protect unit from power surge