

IPG20 Operator Instructions

Manual starting

Set up the irrigation equipment for the area to be covered for an irrigation run.

If controlled by a timer, set the time for the run.

Start the pump.

Observe the pressure gauge and wait until the pressure stabilises close to the expected pressure for that hydrant or group of hydrants. Refer to chart.

It is important to make sure there are no leaks or blockages during the start-up phase as these could be locked in by the controller as being acceptable.

When the pressure stabilises activate the remote switch.

Wait for the controller to complete its learning mode and lock in the set point.

If the IPG20 fails to lock in a set point it will shut the pump down and display the reason it stopped.

If no problems are detected the IPG20 will lock in a set point and monitor the system.

If the irrigator has an auto shut off valve the switch will stop the pump automatically.

If a fault is detected the IPG20 will shut the system down and display the reason.

Fault displayed	Probable cause
Flow was lost	No water, blocked suction line, or pump not running
Pressure too low	Leak in system
Pressure too high	Blockage or partial blockage of system
Ramp up timer expired	Remote start not activated before the ramp up time has expired
Pressure not stable	System not purged of air, or partially blocked suction line

IPG20 Operator Instructions

Automatic starting

Set up the irrigation equipment for the area to be covered for an irrigation run.

Start the pump.

It is important to make sure there are no leaks or blockages during the start-up phase as these could be locked in by the controller as being acceptable.

The IPG20 will automatically run the pump for a predetermined time then instigate the learning phase. If no problems are detected the IPG20 will lock in a set point and monitor the system.

If the irrigator has an auto shut off valve the switch will stop the pump automatically.

If a fault is detected the IPG20 will shut the system down and display the reason.

Fault displayed	Probable cause
Flow was lost	No water, blocked suction line, or pump not running
Pressure too low	Leak in system
Pressure too high	Blockage or partial blockage of system
Ramp up timer expired	Remote start not activated before the ramp up time has expired
Pressure not stable	System not purged of air, or partially blocked suction line
Check settings	Indicates incorrect setting. Refer programming instructions