

**TECHNICAL SPECIFICATION OF PANERA: -**

1. **Inlet Filter:** - It sucks clean water from sealed drum & prevents the Foreign Particles to be entered in the systems.  
**Technical Specification:** - SS mesh strainer with inlet hose Nipple (1").
2. **Hose Pipe:** - It sucks water from the tank through filter, which is fitted to it.  
**Technical Specification:**-flexible PVC pipe 1" size.
3. **"L" type Elbow with Nipple:** - It connects the pipe & pump. It is useful to prevent hosepipe leakage & make proper suction.  
**Technical Specification:** - Specially developed 'VATS' 360<sup>0</sup> rotating ABS elbow.
4. **Pump:** - It sucks water from drum & delivers thro sensor up to the required location. It is self-priming pump.  
**Technical Specification:** -
  - a) Company Name: -. **Fisher Pumps Pvt. Ltd.**
  - b) Model Name: - **Regular** (2400 lph) **or Big flow** (3600 lph)
  - c) Power: - 0.5 HP
  - d) Voltage Supply: - 230 VAC, Single phase
5. **SS304 fitting:** - It carries the Water / Liquid from pump to sensor.
6. **Sensor "T" fitting:** - It is a main chamber in which sensor is fitted.  
**Technical Specification:** - Material - ABS
7. **Out Let Nipple;** - It is helpful in out let delivery.  
**Technical Specification:** - 1" brass
8. **Sensor:** - It senses the actual water flow inside the system.

**Technical Specification:** - **VATS flow sensor JT-121**  
Flow Rate Range - 0.5 m/sec to 5 m/sec.  
Accuracy - + /- 1% of full-scale deflection.  
I/P Voltage - 3.4 to 24 V.D.C

Protecting Rating                - IP-67  
Operating Temperature        - with PP.sensor up to 70°C with PVDF / SS sensor up to 100° C

9. **Flow meter**: - It is main Programmable Unit.

Technical Specification: -

Company        : - Vatturkar Industrial  
Model         : - A210 Panera Meter.  
Supply        : - 230 VAC, + /- 10%, 50 HZ,  
Input         : - from VATS sensor JT-121  
Accuracy     : - + /- 1% of full scale  
Display       : - 8 x 1 alphanumeric (Back lit)

10. **Wiring / Panel Plate**: -This is powder-coated plate on which solid-state relay & wiring connectors are fitted on it.

Technical Specification: - Powder coated M.S.plate.

11. **Chassis**: -This is a mounting plate on which all the components are mounted. The plate is withstanding against all weather conditions.

Technical Specification: - 370 x 260 mm M S Plate Powder Coated.

12. **Meter Cover**: - It protects the meter & wiring from different weather conditions.

Technical Specification: - FRP hood with window for display.

13. **Meter Cover Knob**: - To close the meter cover knob is provided just + loosen the knob & you can open & close the meter cover.

14. **Reset Switch**: - To start the batch, there is provision of two reset switches. One is located on the meter cover & second is fitted with a Bell switch