



Automatic Booster Systems Pump

Model:AUTO

YINJIA Pump is a professional surface clean water pump manufacturer in China since 1990, has specialized in manufacturing various of surface clean water pumps, as well as providing quality automatic booster systems pump for the world. We are committed to providing high quality product at a competitive price and backed up with superior service. Welcome to inquiry for automatic booster systems pump.

The automatic booster systems pump consist of a peripheral pump or JET pump or centrifugal pump. A water pump, a pressure tank, an airtight pressure switch, a pressure gauge and a connecting flexible pipe, make the pump automatic more convenient to use. The pressure tank, equipped with a non-toxic rubber membrane, has been pre-filled with air pressure of approx 0.12 MPa before leaving the factory. These systems give suitable mains water pressure as required by modern domestic applications and industrial applications, and will ensure enough water to supply all user outlets. Most of the pumps included in our range of products can actually be used to form automatic booster systems.

Product Feature And Application

• APPLICATIONS

- Suitable for use with clean water, or non-aggressive liquids only, without sand or other solid impurities.
- Suitable for small living water supply, automatic water sprinkler system, small air conditioner system or supporting equipment etc.

• DESIGN FEATURES

- Pump body/motor bracket: cast iron
- Impeller: Brass
- Bearing: C&U
- 100% copper winding
- Built-in thermal protector for single phase motor
- Motor shaft: AISI 304 welded shaft
- Mechanical seal: Carbon/Ceramic/NBR/SUS304

• ACCESSORY

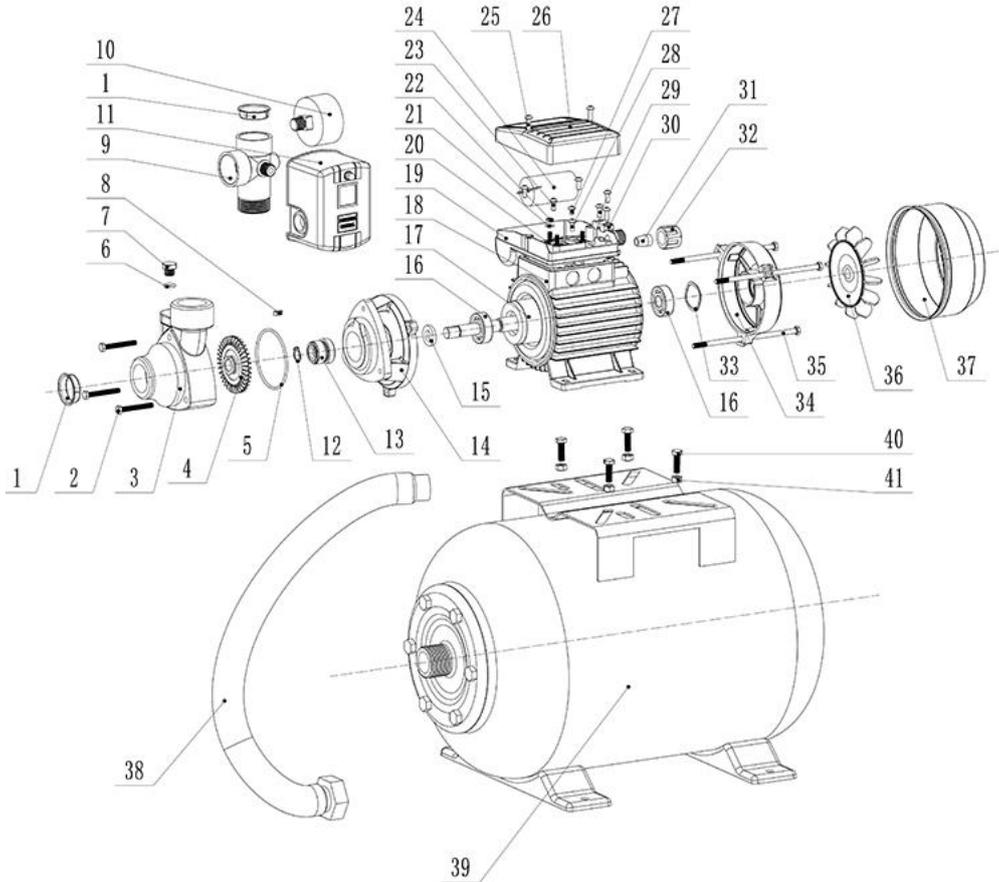
- Tank: 19L/24L/50L Carbon Steel Pressure Tank (Stainless steel tank optional)
- Flexible hose: 1"/1"
- Pressure Switch: ON: 1.4 Bar, OFF: 2.8 Bar
- Pressure Gauge: 6 Bar (100PSI)
- Brass Connector: 5 way (3 way, 4 way optional)
- Cable: 1.0 meter (On Request)

• OPERATING LIMITS

- Total suction lift up to 6-8 mt. with foot valve
- Max. operating pressure: 8 bar.
- Max. ambient temperature: +40 °C
- Max. liquid temperature: +90 °C
- Max. altitude: +1000 mt.

- MOTOR**
 - Insulation class: B
 - Protection: IP44
 - Speed of rotation: 2850rpm
 - Continuous duty: S1

AUTOIDB EXPLODING DRAWING



1	Plastic cover	15	Splash guard	29	Screw
2	Screw	16	Bearing	30	Pressing block
3	Pump body	17	Rotor	31	Pressing ring
4	Impeller	18	Stator	32	Cable gland
5	O ring	19	Terminal box base	33	Spring washer
6	Drain plug	20	Connection poles	34	End cover
7	O ring	21	Washer	35	Screw
8	Shaft key	22	Brass nut	36	Fan
9	5 way connectors	23	Screw	37	Fan cover
10	Pressure Gauge	24	Capacitor	38	Flexible tube
11	Pressure switch	25	Screw	39	Pressure tank
12	Stop ring	26	Terminal box cover	40	Screw
13	Mechanical seal	27	Screw	41	Screw
14	Front cover	28	Screw		