



ROTARY VANE LPG PUMP



ROTARY VANE PUMP TECHNICAL SPECIFICATIONS

Pump Type :- Rotary Vane LPG Pump

Pump Make :- FLORITE

Pump Model :- RV-1

Inlet x Outlet size :- 1/2" x 1/2" BSP Thread

Pump Capacity :- 7 Kg/minute

Maximum Pressure :- 15 Kg/cm²

Pump Weight :- 5 Kg Approx. (Bare pump)

Material Of Construction :- Standard Cast Iron Construction With Bronze Vane

Required Motor Specifications:-

TEFC Flame Proof Electric Motor - 1 Hp / 0.75 kW / 2900 rpm / B3

LPG Rotary Vane Pump is designed to successfully handle low viscosity liquids and feature no internal metal-to-metal contact that safeguards from quick wear possibility of components. Meeting the requirements of handling highly compressed gases this pump is developed as per defined industry parameters and safety standards for handling gases like LPG. Coming with non-sparking features, the construction material used also matches with the requirements of handling LPG gas application. Some of the advantages of these vane pumps include capability to run dry for short periods without causing any damage and supported by seal it helps in developing good vacuum.



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CAUTION :-

DO NOT SMOKE NEAR THE PUMP.

KEEP THE PUMP AWAY FROM NAKED FLAME.

DO NOT USE HANDPHONE NEAR THE PUMP.

LPG PUMP INSTRUCTIONS

1. Bring pump out carefully from box.
2. Start the pump without connecting pipes and check Inlet & Out let.
3. There should be vacuum on pump inlet and pressure on pump outlet.
4. Install Pipe (1) at Inlet & Pipe (2) At Outlet of pump.
5. Turn bottle downwards and fix pipe.
6. Connect Pipe (1) to suction tank & Pipe (2) to discharge tank.
7. Ensure that all pipes and fittings on pump and tanks are securely connected.
8. Open inlet valve Of Pipe (1).
9. Open delivery side valve Of Pipe (2).
10. Start the pump. You can see liquid transfer from pump through glass.
11. In case if pressure exceed up to 15 Kg/cm², then gas will bypass and transfer into Inlet Pipe.
12. If pressure increases more than 20 Kg/cm², then stop the pump immediately.
13. With Glass bottle empty, the pump noise will be different. Stop the pump immediately.
14. Remove suction & delivery pipe from inlet & outlet side of pump.

PRECAUTION :- Never shut delivery side valve when pump is running.



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