

Introduction to Use of DY Air Pump



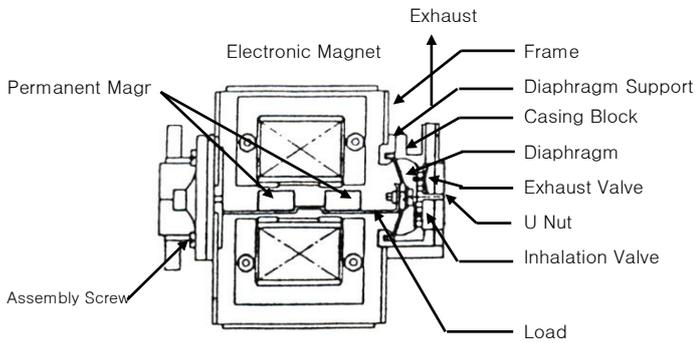
Utility Model Application No.98-5822

Design Registration Application No.98-4970

Thank you for your purchasing Dongyang Air Pump. Before use, read this instruction to understand the performance of DY-AIRPUMP and how to change the parts more effectively.

Structure/Part names/Operation Principle of DY Air Pump

◀ Structure and Parts names ▶



◀ Operation Principle ▶

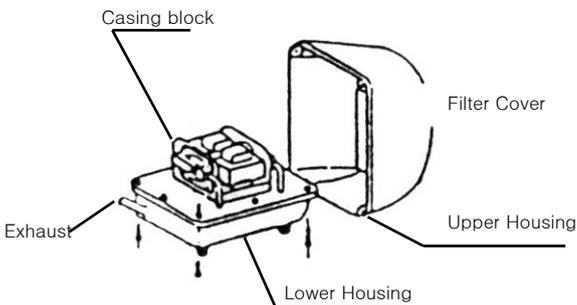
When the Airpump is powered up, currency flows into a fixed core to make it a Electronic Magnets, and the Load (having Permanent Magnets between two electronic Magnets) pulls and pushes Diaphragms to inhale and exhaust the AIR.

Parts for Repair

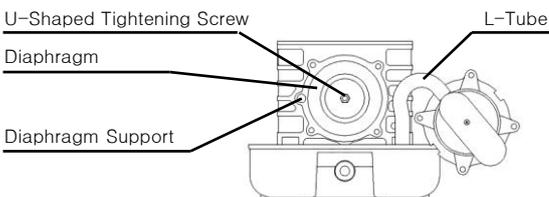
Diaphragm support block	Casing Block	Load	Filter	L-Tube	Electronic Magnet Block	Valve
2EA/1SET	2EA/1SET	1EA/1SET	1EA/1SET	2EA/1SET	2EA/1SET	4EA/1SET

Exchanging method of Parts

1) Remove 4 rubber legs and screws of lower-housing, push a driver between the exhaust tube and upper-housing and then open it in the principle of leverage.

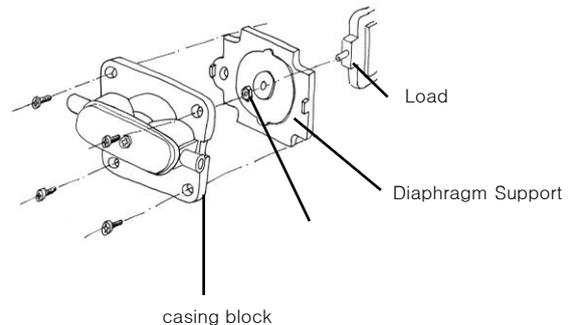


2) Loosen 4 fixing screws of casing block and separate casing block from diaphragm support block.



3) Exchange a new diaphragm in the following procedure.

- ① Take out 4 screws and U-nuts from diaphragm support block.
- ② Exchange New diaphragm.
- ③ Fix diaphragm support block Completely and restore Casing Block in original state and tighten screws



※Some Specifications are subject to change according to the machine type.



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