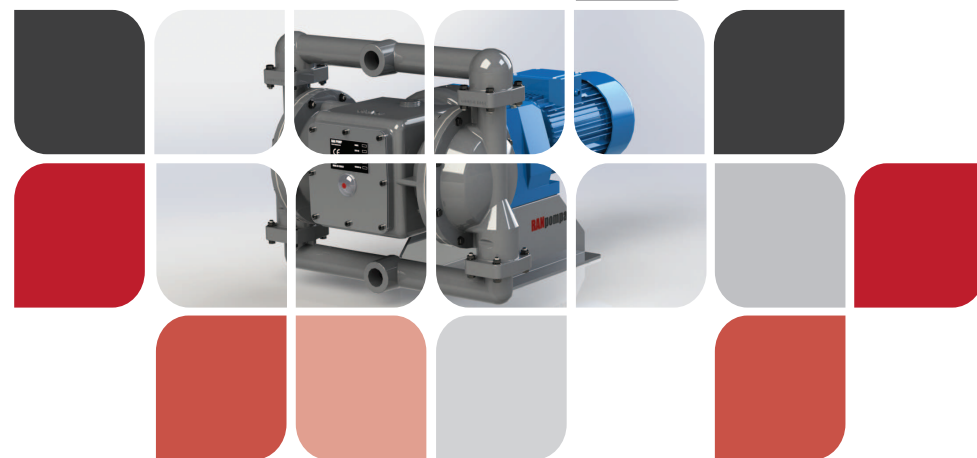


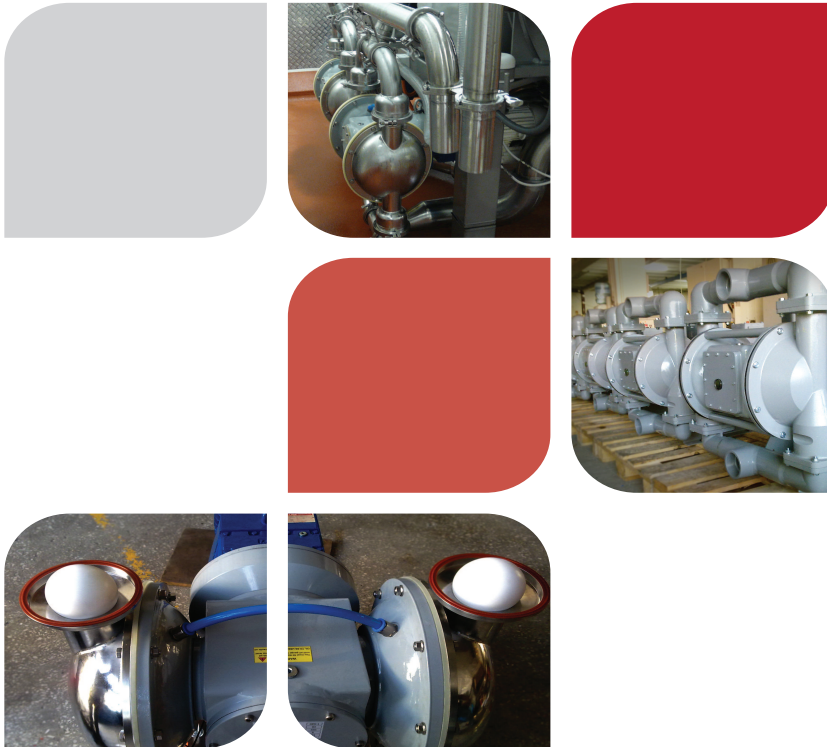
RAN[®] pump

EM series



Electromechanical Diaphragm Pumps

www.ranpump.com



About Us

Gisan has been manufacturing air operated and electromechanical diaphragm pumps since 2001. After years in, Gisan has become the unique company in the world which has completed all product range. After being a leader in local market and exporting more than 30 country, RANpump has established a sales and service office in Indonesia. Manufacturing %90 of all components in-house with 25 labors in 1500 m2 own facility, makes RANpump exclusive. This gives us the advantage of having more control over the quality of our parts.

Thank you for working with us and all your trust.

WHY RAN EM ?

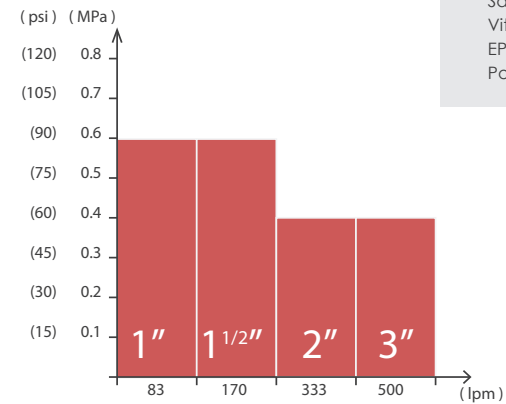
- Faultless mechanical linear cam system
- Low shear
- Sealless body
- Distinct solutions for varied applications
- Controlled transfer rates through variable viscosity and system pressure changes
- Optional diaphragm rupture sensor and pulsation dampener

Diaphragm options

Buna-N / NBR
PTFE (Teflon)
Santoprene
Viton
EPDM
Polyurethane

Body options

Aluminium
Cast iron
Stainless steel
Polypropylene
PVDF

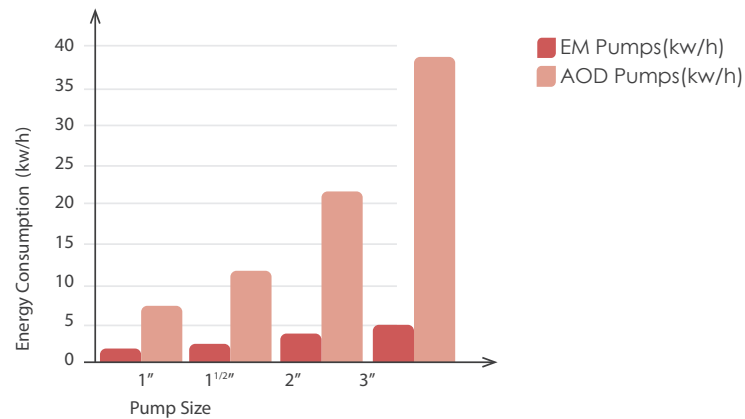


● All the values given are approximate.
Not bending.

Low Energy consumption with Ran EM

Ran EM Series

RAN electromechanical diaphragm pumps response the demand of our costumers for varied applications with unique design concept and low energy consumption. Thanks to the impeccable technology of RanEM series Ranpump's quality has been risen up.



The unique mechanism, patented cam system

Design

All Ran EM series have an exclusive design. These electromechanical diaphragm pumps have been designed as durable and long-lived by Ranpump's main design team.

High quality, patented cam system transforms the circular motion into linear motion. This mechanism provides uniform power distribution and minimize the damage may be generated by long time usage. Patented cam system has high assembly facility with less components that makes Ran EM exclusive compared to similar products.

Perfect mechanical linear cam system assure controlled transfer rates through variable viscosity and system pressure changes.



Durable body, long-lived usage

Alumunium Body EM Series

RAN EM series aluminium body pumps come out with robust construction and compact design. Strong aluminium body is suitable for using diffent liquids. These series provide smooth transfer and long life usage with proper diaphragm choice.

For different applications with flow rates up to max. 30 m³/h, Ran delivers suitable pumps which have varied body options include cast iron. Please contact with us to choose the best one for your need.

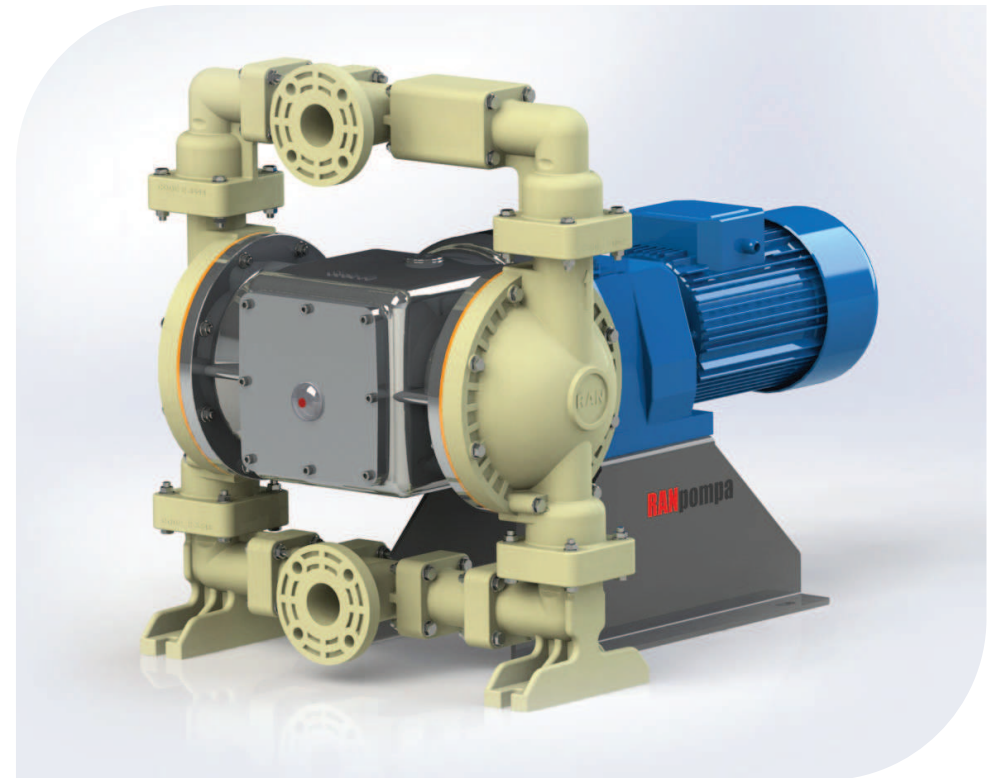


Correct choice for the aggressive media

Plastic Body EM Series

Ran EM plastic series bring together original designed, durable body with high quality material. Chemical industry prefers these series for smooth transfer in aggressive media.

For different applications with flow rates up to max. 20 m³/h, Ran delivers suitable pumps which have varied body options include polypropylene and PVDF. Please contact with us to choose the best one for your need.



Preference for the food industry

Stainless Steel Body EM Series

Ran EM stainless steel series is produced by using materials which are suitable for FDA standards.

These pumps highly preferred in the food industry with choice of Teflon or EPDM diaphragm, for healthy production.

For different applications with flow rates up to max. 30 m³/h, Ran delivers suitable pumps which have varied body options include sheet metal and ceramic casting. Please contact with us to choose the best one for your need.

RANpump



Discover our accessories

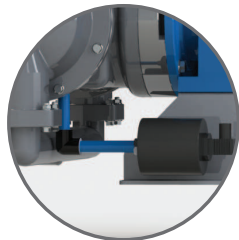
Pulsation Dampener

Will ensure a smooth flow for your fluid and particularly useful for use with shear sensitive fluids such as paints, polymers, latex solutions, sauces, slurries etc.



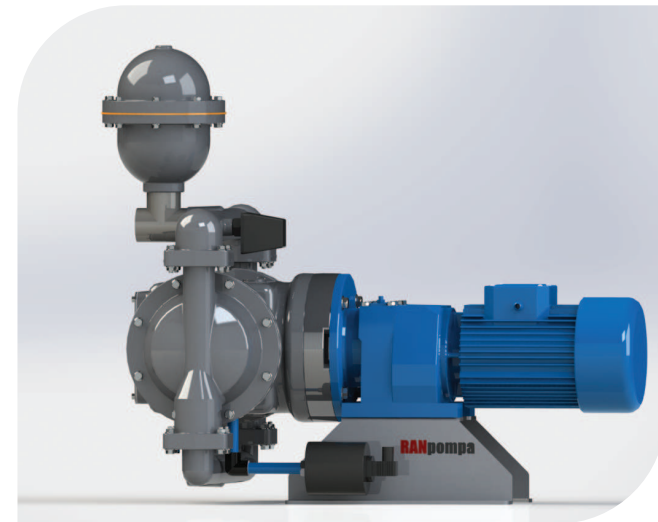
Diaphragm Rupture Sensor

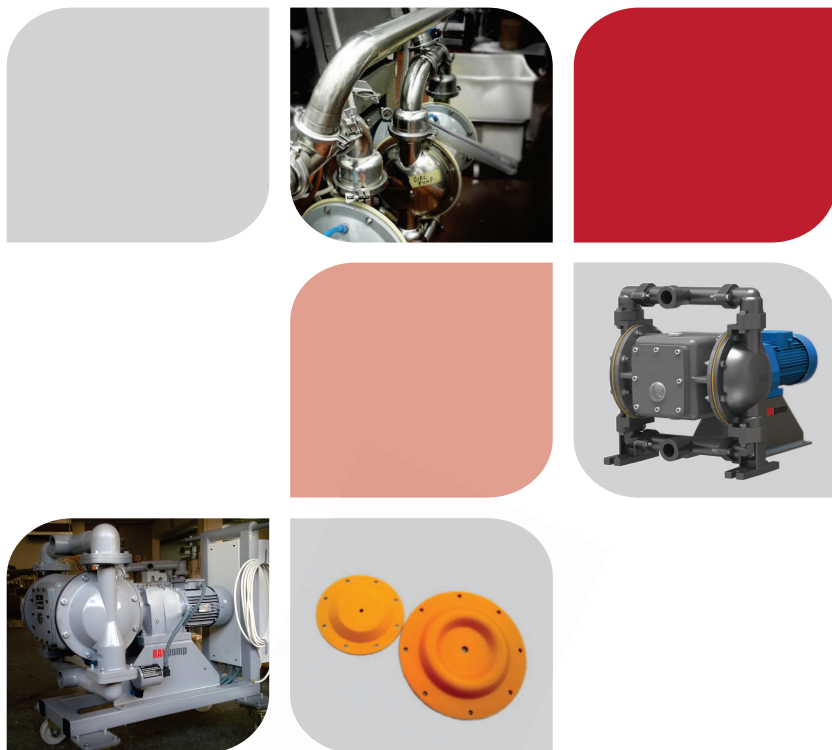
To warn of a ruptured diaphragm and allow for swift pump shut down.



Fluid Output Counter Systems

Accurately measure your fluid per cycle and quantity per minute.







Diaphragm Pump Technologies

www.ranpump.com