

# LIQUID RING VACUUM PUMPS



WITH THE EXPERIENCE  
ACQUIRED THROUGH DECADES OF ENGINEERING RESEARCH



Continual investments in the latest technologically advanced machinery and sound mechanical know how, our product is synonymous with:

- High-quality
- High-efficiency
- Robust Construction
- Maximum Reliability

[www.cdrpumps.co.uk](http://www.cdrpumps.co.uk)

t: 01933 674777  
e: [sales@cdrpumps.co.uk](mailto:sales@cdrpumps.co.uk)



Pumps UK Ltd | Making the right choice...

# Making the **right** choice...

Liquid Ring Vacuum Pumps are capable of handling high volumes of vapours, condensables and liquids without detrimental consequences to their performance or mechanical reliability. Pump service liquid can be water or other liquids such as oils, solvents etc to satisfy almost any process requirements. Vacuum sets are available in single stage and two stage liquid ring units. With clean water as pump service liquid, the aspirated air (or gas) is 'washed clean' within the pump and as a result the discharged air is free of any oils, carbon or plastic particles.

## QUALITY

Designed and manufactured to ISO 9001 standards

## FEWER COMPONENTS

Through design innovations these are manufactured with fewer components enhancing the rigidity and toughness of the pumps and making them easier to maintain

## COMPACT DIMENSIONS

The shaft length has been greatly reduced eliminating the potential danger of shaft deflections and vibrations

## MECHANICAL SEALS

Our units accept unified mechanical seals to DIN 24960 as standard

## SELECTION OF MATERIALS

In addition to the standard materials, liquid ring vacuum pumps are also available in special exotic alloys such as Hastelloy B or C, Uranus B6 and Ni Resist D2B to meet your specific requirements

## MECHANICAL RELIABILITY

Simple design ensures there are no reciprocating parts - no valves and no sliding vanes. The impeller is the only rotating part with no metal-to-metal contact resulting in minimal wear, vibration free and greatly reduced noise levels

## APPLICATIONS

- **Central Vacuum Systems**
- **De-Aeration**
- **Impregnation**
- **Boiling Processes**
- **Vacuum Condensing**
- **Distillation**
- **Drying Systems**
- **Sterilisation**
- **Filtration**
- **Solvent Recovery**

For more information on Liquid Ring Vacuum Pumps and how best to apply them, call our office on **01933 674777**