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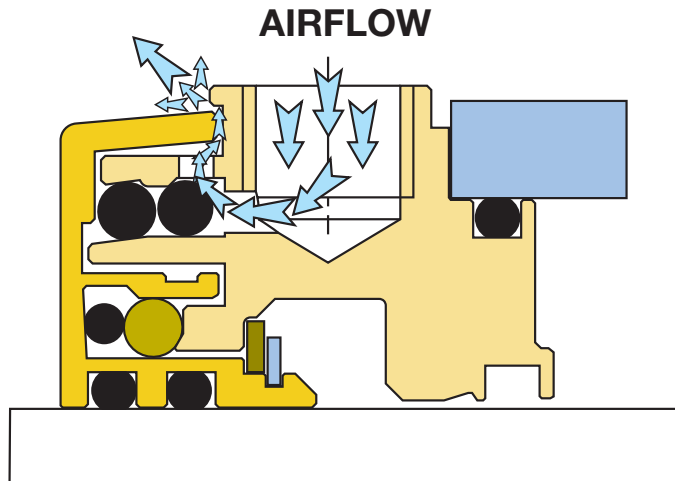
# LabTecta-IAP™ LabTecta-OAP™

PATENT PENDING in over 39 countries.



“Engineered Solutions with Positive Air Purge”

The LabTecta-OAP™ is specifically designed for use in extreme environments and applications where contamination may completely cover the seal. It will ensure that no contamination can enter the seal and the housing. The OAP uses a positive air purge to enhance the performance of the labyrinth. Its unique design utilizes mechanical seal pressure balancing technology to maximize the performance of the seal and minimize air consumption.

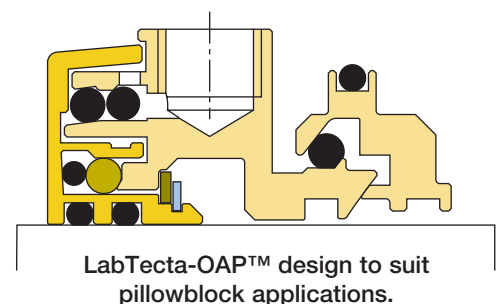


## LabTecta-IAP™ and LabTecta-OAP™

- Eliminate maintenance and wearing parts
- Prevent contamination across the seal
- Maximize reliability with no heat generation, vibration or lubrication

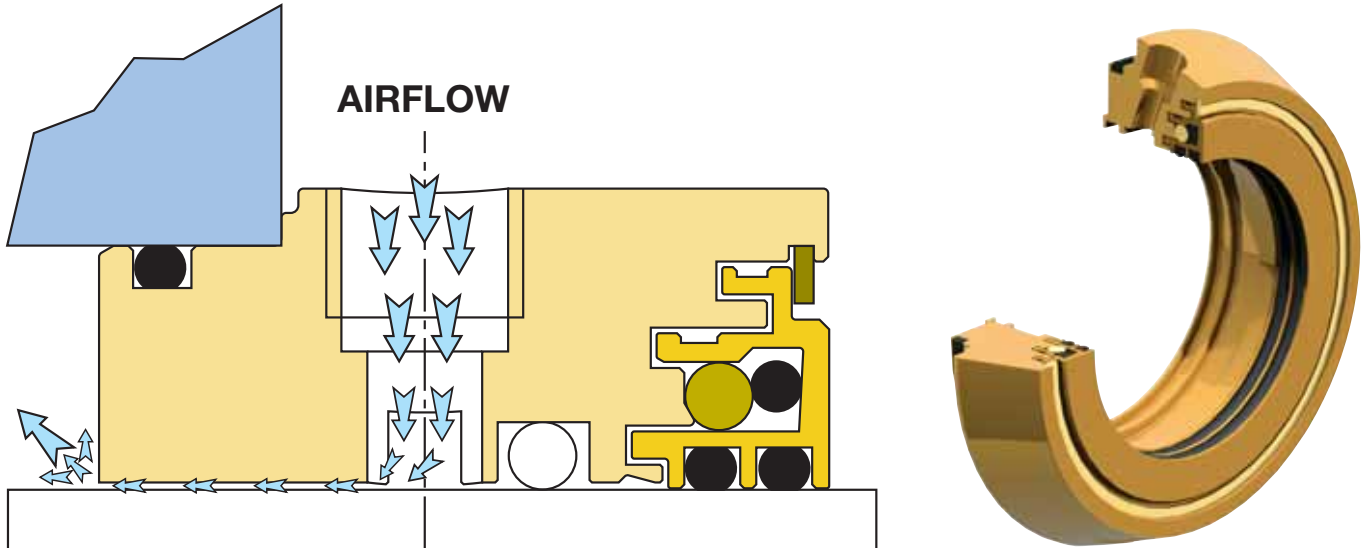
## Installation made easy

Installation with either the IAP or OAP design is made easy by designing the seal to suit your specific equipment. AESSEAL® has multiple options including flange mount, pillowblock mount (shown below right) or a standard press in mount (shown above left and right).



Sealing applications covered with powder or slurry are challenging for any standard bearing seal. The LabTecta-OAP™ is specifically designed for this environment ensuring no contamination can enter the seal and compromise its performance.

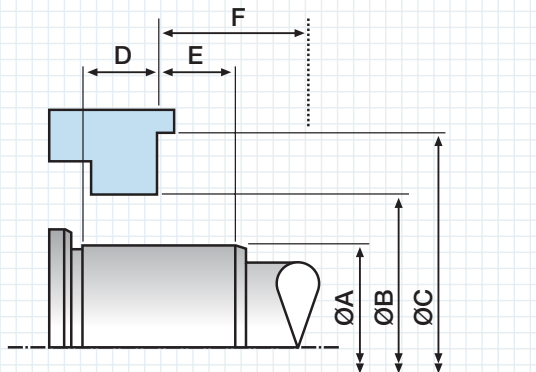
The LabTecta-IAP™ design is ideal for applications where it is necessary to retain product, gases or exhaust within an enclosure. Common applications are fans, screw conveyors and other powder handling equipment. The IAP uses labyrinth technology to direct the air purge inboard preventing the product being sealed from entering the seal and escaping to the environment.



Sealing fan housings is made easy with the LabTecta-IAP™. The positive air purge will contain any emissions or contamination that tries to escape. With no contacting parts during operation, there is no vibration and no maintenance required.

**Sketch Housing Dimensions**

Either use the “standard” diagram provided or sketch your own below.



**Dimensions**

- ØA (Shaft Ø): .....
- ØB (Housing Bore Ø): .....
- ØC (First Obstruction): .....
- D (Max. Insertion): .....
- E (Distance to Step): .....
- F (First Obstruction): .....

**Application Data:**

- Equipment Type: ..... Shaft Horizontal or Vertical: .....
- Speed: ..... Bearing Type: .....
- Lubrication Type/System: ..... Max. Axial Movement: .....

**Complete the information above and send to:**

**UK Fax: +44 (0) 1709 720788    USA Fax: +1 865 531 0571    E-mail: sales@labtecta.com**

Further information about the AESSEAL® LabTecta™ range is available in the standard LabTecta™ brochure.  
E-mail sales@labtecta.com to request a copy or download it from our website - www.labtecta.com

THIS DOCUMENT IS DESIGNED TO PROVIDE DIMENSIONAL INFORMATION AND AN INDICATION OF AVAILABILITY.  
FOR FURTHER INFORMATION AND SAFE OPERATING LIMITS CONTACT OUR TECHNICAL SPECIALISTS AT THE LOCATIONS BELOW.



**USE DOUBLE MECHANICAL SEALS WITH HAZARDOUS PRODUCTS. ALWAYS TAKE SAFETY PRECAUTIONS:**

- GUARD YOUR EQUIPMENT
- WEAR PROTECTIVE CLOTHING



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