



Crank Seal

Frames & Housings



CATALOG

v001 – Issue Date: 09/14/2023

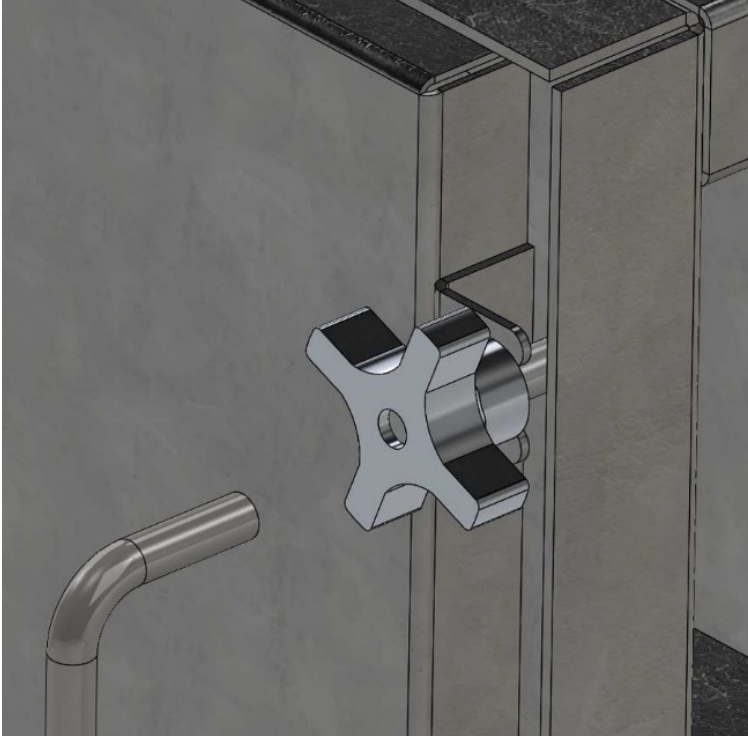
© 2023 Keystone Clean Air Solutions. All rights reserved.

The Crank Lock HEPA Seal units utilize a crank lock design to provide a consistent compression over the entire HEPA filter gasket assuring a leak free seal. The multi-stage housing can hold HEPA Filters in 99.97% and 99.99% efficiency with either a gasket or fluid seal.



Convenience

- Our Crank Seal housing uses a drive bolt and thrust locking mechanism that can be operated by hand, or with a socket/wrench. This makes filter service simple, and reduces tools needed by the operator.



Compatibility Options

- With a wide range of options, our Crank Seal units can be configured to meet your needs.
- Options include:
 - + Number and position of Doors
 - + Transitions
 - + Air Flow Direction
 - + Insulation and Weatherproofing
 - + Flanges
 - + High Temp Gaskets
 - + Prefilter Depth

For complete option list see our submittal document at KeystoneCleanAir.com

TYPICAL APPLICATIONS

Crank Seal units are a convenient and reliable solution for filter monitoring and service in applications where nonhazardous material is being filtered.

Industries

- Healthcare
- Biomedical
- Pharmaceutical.
- Nuclear

CONSTRUCTION

- 14GA Galvanized or Stainless Steel
- Gasket Seal
 - Drive Bolt and Thrust Locking Mechanism that is Hand Operated with Socket or Wrench
- Fluid Seal
- Swing Arm and Angle Push Filter onto Knife Edge to Gel Seal HEPA
- Optional 2" or 4" pre-filter section
- Depth 21-1/2" without Pre & 27" with Pre
- Single Door Access up to 3 Wide
- Uses 24x24 actual size filters
- Door Studs and Star Knobs Secure the Doors

Static Pressure Ports and Gauges

- Options for up to 2 ports/gauges to individually monitor health of Prefilter and HEPA filter.
- Magnahelic or Photohelic Gauges available with static taps preinstalled or loose for custom installation for your application.



Robust and Easy to operate

- Tracks for each filter ensure easy installation.
- Filter retaining door keeps filters firmly in place.
- Unique door hinge allows the door to be removed easily from it's hinges.





Product Improvement is a continuing endeavour at Keystone Clean Air Solutions. Therefore, specifications are subject to change without notice. Consult Keystone directly for current specifications or more detailed information. Not all products may be available in all geographic areas. All goods described in this document are warranted as described in the Limited Warranty shown at **KeystoneCleanAir.com**. The complete Keystone product offering can be viewed online at **KeystoneCleanAir.com**.

® Keystone Clean Air Solutions is a registered trademark of Keystone Clean Air Solutions. © 2023. Printed in Canada.