



Wedge Wire Strainer
Filter Element



Koss 3-A Wedge Wire Strainers

Sanitary wedge wire strainers

Filter impurities and retain solids efficiently and economically with Koss 3-A wedge wire strainers. We build sanitary, stainless steel wedge wire strainers in both long and short lengths and multiple diameters. Features include:

- 3-A symbol authorized
- 316 stainless steel body and filter element
- Sanitary ID finish of 32 μ in Ra
- 4, 6 and 8 inch diameters
- Heavy duty mesh filter element in a variety of micron sizes
- Maximum temperature rating of 176 °F
- Inlet placement options (side or end)
- Help maintain product integrity
- Help protect your valuable processing equipment
- Meet or exceed USDA sanitary standards

Why wedge wire?

Our wedge wire filter elements offer many benefits:

- Provide high strength and excellent durability
- Longer lasting than over screens or filter socks
- Relatively small resistance for higher flow rate
- Excellent corrosion resistance
- Finer straining capabilities without use of a filter or mesh overlay
- Ideal for highly viscous applications
- Efficient design means little pressure drop as liquids pass through
- Minimal clogging
- Precise slot sizes and consistent spacing

Customize it

Custom built options available upon request:

- Custom inlet and outlet placements
- Additional mesh micron sizes available
- Water jacketed version available

Contact us for a quote!

1-800-844-6261 or inside.sales@kossindustrial.com



**Our wedge wire
strainers are 3-A
authorized.**



Koss 3-A
wedge wire
strainer



Koss 3-A
wedge wire
filter element

Koss 3-A Wedge Wire Strainers

Koss 3-A Wedge Wire Strainers Model Configurator

1 2 3 4 5 6 7
KWS - 0 - P - 0 - 00 - 0 - 0000

1 = KOSS PRODUCT TYPE

KWS Koss Wedge Wire Strainer

2 = STRAINER SERIES

S Short

L Long

3 = FINISH

P Polished (3-A standard)

4 = STRAINER BODY SIZE

4 4 inch diameter

6 6 inch diameter

8 8 inch diameter

5 = FERRULE SIZE

15 1.5 inch diameter*

20 2.0 inch diameter*

25 2.5 inch diameter*

30 3.0 inch diameter*

40 4.0 inch diameter

60 6.0 inch diameter**

6 = INLET LOCATION

0 End

1 Side

7 = ELEMENT SIZE

0125 125 micron

0250 250 micron

0300 300 micron

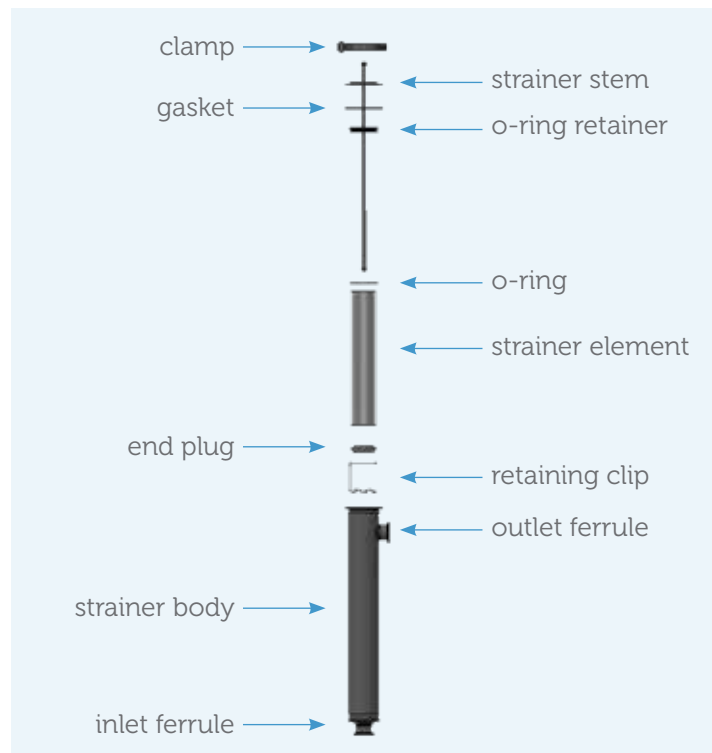
0500 500 micron

1000 1000 micron

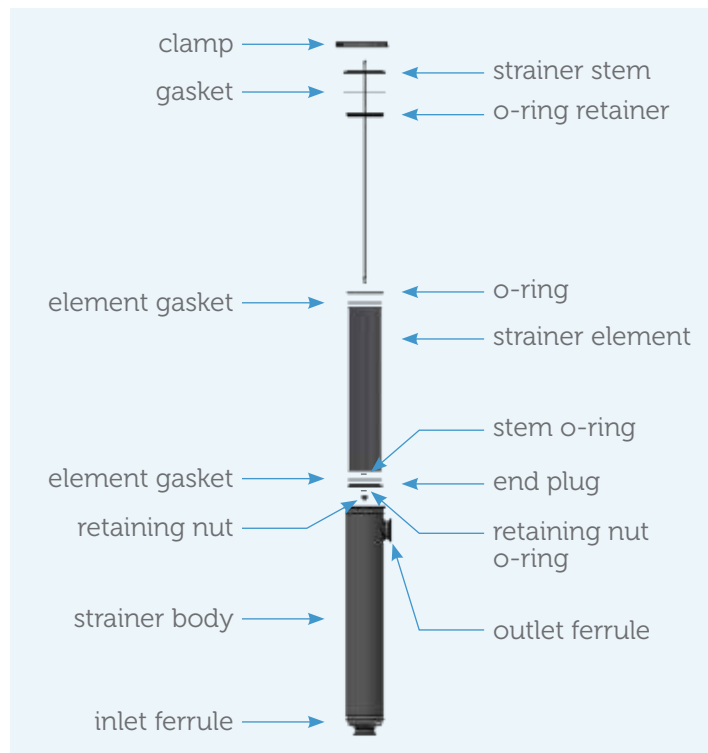
2000 2000 micron

*Not available on 8 inch strainers **Not available on 4 inch strainers

4"/ 6" Strainer Build



8" Strainer Build



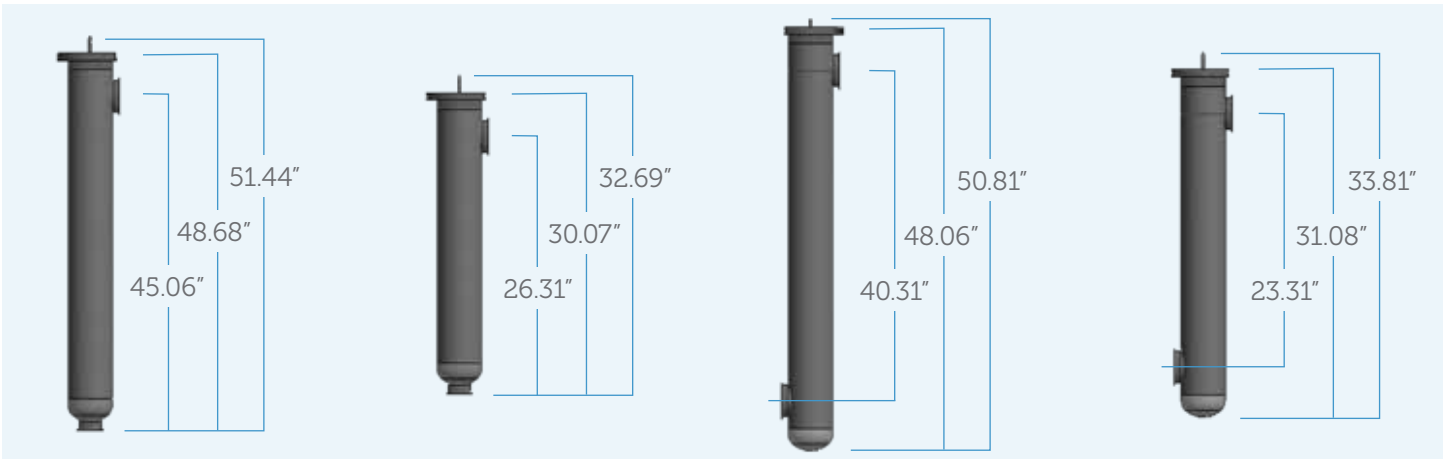


Don't see exactly what you're looking for?
Contact us. Custom equipment is our specialty.
Customize your mesh size and inlet/outlet placement.

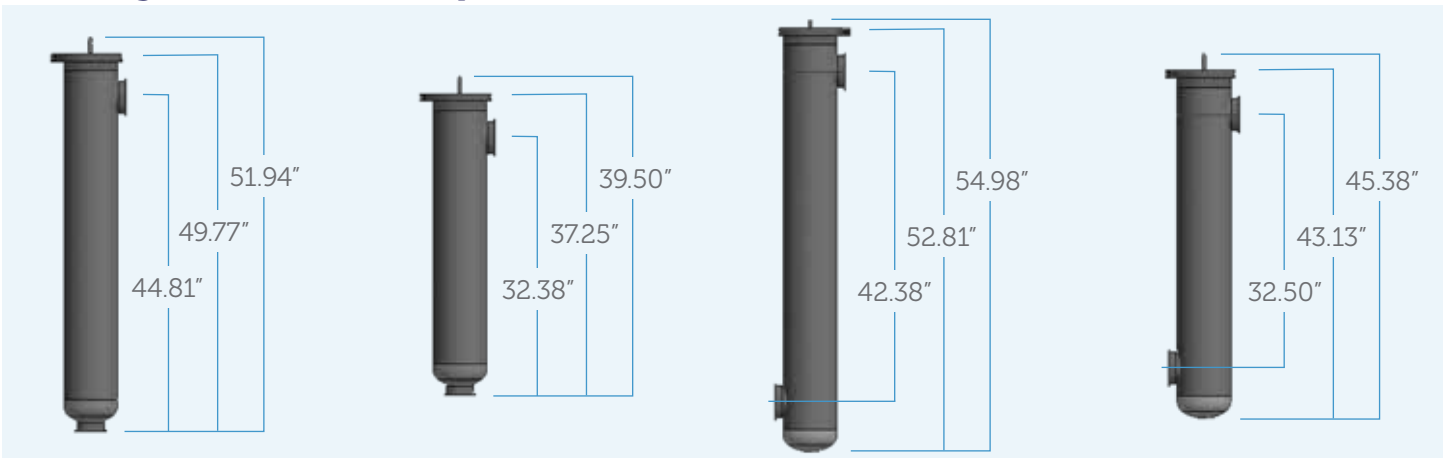


Sizes & Specs

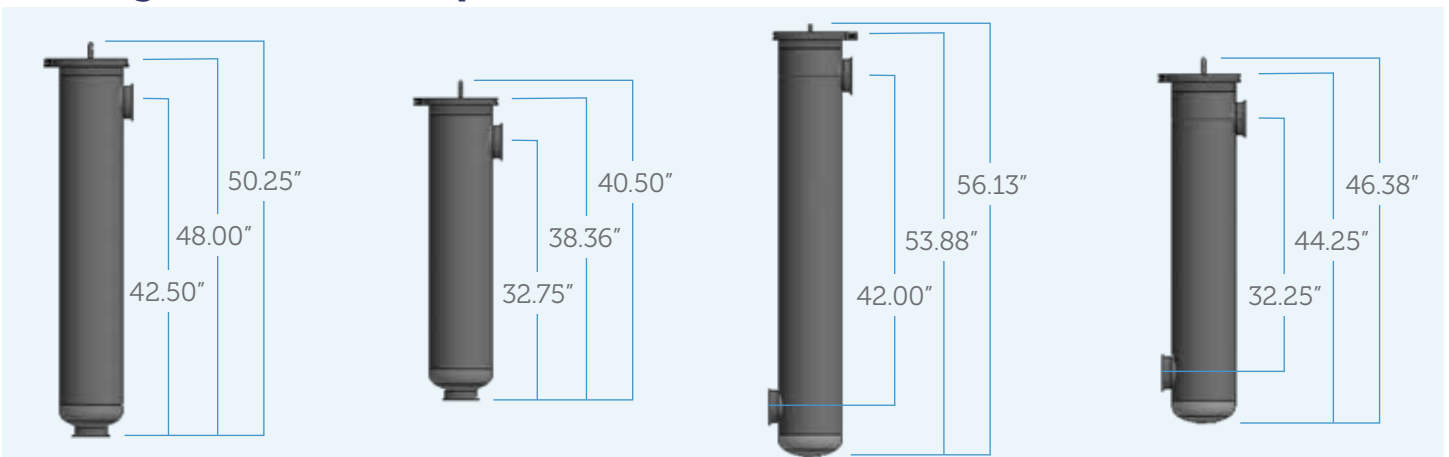
4" Wedge Wire Strainer Specs Filter element is 3.25" diameter x 33.81" (long) or 17.38" (short)



6" Wedge Wire Strainer Specs Filter element size is 4.89" diameter x 33.88" (long) or 24.40" (short)



8" Wedge Wire Strainer Specs Filter element size is 6.71" diameter x 33.88" (long) or 24.41" (short)



We are a leading manufacturer of custom stainless steel processing equipment and a preferred provider of quality products and services to the dairy, food, beverage and other sanitary industries.



Koss 3-A Wedge Wire Strainer Specs



Very few applications call for a standard slot size. The general rule of thumb for most applications is to size the slot at half the size of the smallest particles in your media.

Microns/Slot Size

Microns	Slot Size (inches)
125	.005
250	.010
300	.012
500	.020
1000	.039
2000	.079

Custom mesh size options available.

Sanitary Strainer Stands

Automated stands

A great complement to our wedge wire strainers. Our automated stands hold more than one strainer and operate using pressure sensors. When the pressure differential reaches a set point in one strainer, valves divert flow to a second strainer and an alarm is triggered signaling a need to remove and clean the first strainer.

- Fast, easy strainer removal, simply remove one tri-clamp to access stake
- Stainless steel construction
- Meet or exceed USDA sanitary standards



Automated dual filter stand



Standard and manual stands

We also build standard, no-frills stainless steel stands and manual stands to meet all your process and facility needs.



Manual dual filter stand

Contact us for a quote!

1-800-844-6261 or inside.sales@kossindustrial.com