



Clean In Place (CIP) Filtration



Culinary Quality Steam



Sterile Air Filtration

Balston Steam and Sterile Air Filters for the Food Industry

Remove 98+% of 0.01 micron particles

Remove liquid condensate at the same efficiency as for solid particles

Remove essentially all nonvolatile boiler feedwater chemicals

Comply with USFDA, USDA, Health Protection Branch of Health and Welfare Canada, and 3-A accepted practices

Stop carryover of boiler feedwater chemicals



Balston® Steam Filters

Balston Series SR Filters are in full compliance with the requirements of the US Food, Drug and Cosmetic Act. They also meet the regulations for Indirect Food Additives used as Basic Components for Repeated Use Food Contact Surfaces as specified in 21 CFR Part 177, and Current Good Manufacturing Practices, 21 CFR Part 110. These filters have been accepted by the USDA for use in federally inspected meat and poultry plants. Balston Steam Filters are in full compliance with the 3A Accepted Practices (Number 609-04) for producing steam of culinary quality. They are also in full compliance with the requirements of the Health Protection Branch of Health and Welfare Canada.

Benefits

Balston Steam Filters eliminate particulate contamination of food products caused by direct contact with dirty steam. Other benefits include: reduction in steam condensate mixing with food products when steam is used for agitating, mixing, or cooking; eliminate taste and odor problems by reducing boiler feedwater carryover; Reduced maintenance requirements.



Model 23/75SR



Model SP6-23/75SR



Recommended Steam Filters

For 3/4" and 1" Steam Lines

Model 23/75SR is recommended in smaller lines with a steam flow of up to 500 lbs. per hour. The filter is complete with filter cartridge, steam trap, and bleeder valve.

For 1-1/2" Steam Lines

Model SP3-23/75SR is recommended. It will filter up to 1500 lbs. of steam per hour. Each of the three filters has its own steam trap. A master trap disposes of most condensate before it reaches the filters. Manifolds can be connected to flow from left to right or right to left.

For 2" Steam Lines

Model SP4-23/75SR is recommended. It will filter up to 2000 lbs. of steam per hour. The Model SP6-23/75SR will filter up to 3000 lbs of steam per hour. Steam trap and manifold features are the same as the Model SP3-23/75.

Notes:

- 1 Each SP3, SP4, SP6 filter is supplied mounted on a stand.
- 2 Constructed of food grade EPR.
- 3 Each Steam Filter Assembly is supplied with filter cartridges installed.

Principal Specifications

| Model | 23/75SR | SP2-23/75SR | SP3-23/75SR | SP4-23/75SR | SP6-23/75SR |
|---------------------------|---------------------------|---|---|---|---|
| Port Size | 1" NPT | 1 1/2" NPT | 1 1/2" NPT | 2" NPT | 2" NPT |
| Max Pressure | 125 psig | 125 psig | 125 psig | 125 psig | 125 psig |
| Flow Rate | 500 lbs/hr | 1000 lbs/hr | 1500 lbs/hr | 2000 lbs/hr | 3000 lbs/hr |
| Materials of Construction | 304 SS | 304 SS | 304 SS | 304 SS | 304 SS |
| Seals (2) | EPR | EPR | EPR | EPR | EPR |
| Shipping Wt | 26 lbs. (12 kg) | Approx. 110 lbs | 190 lbs. (86 kg) | 220 lbs. (100 kg) | 280 lbs. (127 kg) |
| Dimensions | 7"W X 35"L (18cmX88cm) | 22"W X 46"L X 11"D (56cmX117cmX28cm) | 29"W X 48"L X 21"D (74cmX122cmX53cm) | 36"W X 48"L X 21"D (91cmX122cmX53cm) | 50"W X 48"L X 21"D (74cmX122cmX53cm) |

Ordering Information

For assistance, call toll-free at 1-800-343-4048 8AM to 5PM Eastern Time

| Model | 23/75SR | SP2-23/75SR | SP3-23/75SR | SP4-23/75SR | SP6-23/75SR |
|---|-----------|-------------|-------------|-------------|-------------|
| Replacement Filter Cartridges (Box of 10) (3) | 200-75-SR | 200-75-SR | 200-75-SR | 200-75-SR | 200-75-SR |
| Filter Cartridges per housing | 1 | 2 | 3 | 4 | 6 |

Remove all viable organisms

USDA accepted for use in federally inspected Meat and Poultry plants

Low pressure drop

Full compliance with FDA requirements



Model 200X Series



Model 2104 Series



Model 2206, 2208



Model 2312



Model A15/80

Balston® Sterile Air Filters

Balston grade SA filter cartridges, rated at 99.9999+% efficiency for 0.01 micron particles, is at least 30 times better than the accepted standard for sterile air filters developed by independent research organizations in the U.S. and U.K. (request Bulletin TI-105A for a detailed discussion on Balston filter efficiency rating procedure, and Bulletin TI-935 for an independent test report on Balston Sterile Air Filters). Balston Sterile Air Filters are in full compliance with the requirements of the FDA.

Here's what one of your colleagues found:

A Balston sterile air filter assembly, consisting of Models 200X Series, was tested at the University of Massachusetts, Department of Food Science and Nutrition, under the direction of Professor David A. Evans, Ph.D.

"This sterile air system produced commercially sterile air and, to the limits of detection, no viable colonies of microorganisms were found".

- Professor David A. Evans, Ph.D.

| Filter Cartridge Description | | |
|---|---|---|
| 1st Stage: Grade DXE | 2nd Stage: Grade BXE | 3rd Stage: Grade SA |
| For removal of large quantities of oil, water, and dirt from compressed air. Prefilter to Grade BX. | For complete removal of trace quantities of oil, water, and dirt. | For removal of bacteria when providing sterile air. |

| Physical Properties, Microfibre Filter Cartridges | |
|--|--|
| Temperature Range | -150°F to 300°F (-100°C - 149°C) |
| Maximum Pressure Differential Across Filter, Inside-to-Outside Flow: | 100 psi (60 psi for Grade SA Filter Tubes) |
| Materials of Construction | Borosilicate glass microfibers with fluorocarbon resin binder. Resistant to water, all hydrocarbon and synthetic lubricants. |

| Retention Efficiency | |
|----------------------|---|
| Grade | Efficiency for 0.01 Micron Particles and Droplets |
| DXE | 93% @ 0.01 µm |
| BXE | 99.99% @ 0.01 µm |
| SA | 99.9999+% @ 0.01 µm |

Balston Filter Cartridge and Housing Selection

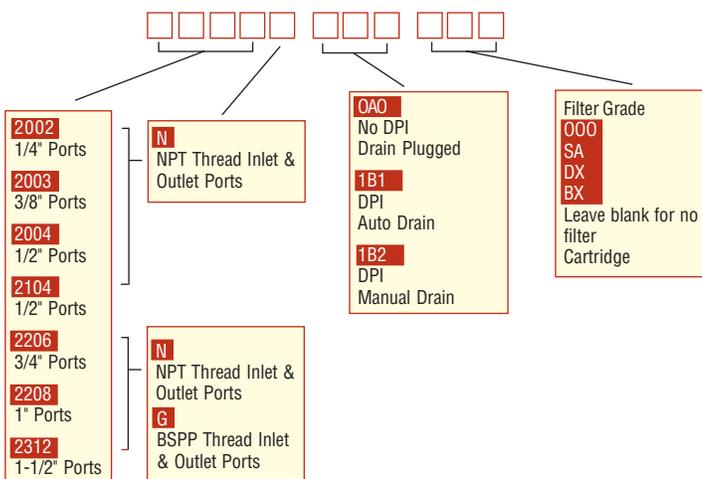
Balston provides two grades of coalescing filter cartridges, Grade DXE and Grade BXE. Singly or in tandem, these filters satisfy all requirements for removing liquid and solid contaminants from compressed air. These filters are recommended as prefilters in sterile air systems. The Balston Grade SA filter removes bacteria from compressed air. It is the final filter in a sterile air system.

How to Select the Filter Cartridge and Housing

- 1 Decide which grade(s) of filter cartridges fits the application (see selection boxes at left).
- 2 Select the filter housing with a port size equal to the line size where the filter is to be located.
- 3 For a new installation in which the line size has yet to be selected, determine the gas flow rate and pressure at the point where the filter will be located, and then refer to the flow chart on the reverse side of this data sheet. The filter port size must be equal to or larger than the line size (when specified).
- 4 If the sterile air filter assembly requires steam sterilization, stainless steel filter assemblies specifically designed for in-line steam sterilization must be used. These assemblies are identified by the RED print in the flow chart on the next page.

How to Order the Filter Assembly

- 1 Build your own custom filter assembly using the guideline matrix to the left and specify your model number. Example: 1/2" filter with DPI and Auto Drain with Grade DXE Filter = 2104N-1B1-DXE.
- 2 Each assembly is shipped with the filter cartridge installed. To order additional filter cartridges, indicate the model number of the cartridges, and the grade. Examples 100-12-DXE, 100-12-BXE, or 100-12-SA, etc.



Steam Sterilization Procedure

In installations where the sterile air filter requires steam sterilization, we recommend the following procedures:

The steam sterilization pressure should not exceed 60 psig. Preferably, it should be held to 40 psig or less. A typical sterilization cycle is 30 psig steam for 30 minutes. Steaming time can be increased as desired without harm to the filter cartridges. The steam flow should not exceed the normal air flow for the unit. To ensure no buildup of condensate in the housing, condensate should be drained from the filter by a condensate drain valve during the steaming process.

The cleanliness of the steam is an important factor influencing the life of the Sterile Air Filter cartridges. Parker strongly recommends using Model 23 Steam Filters to ensure optimum operating life (see steam filter section of this literature pack).

When autoclaving, the Grade SA filter cartridges will tolerate temperatures to 300°F (149°C) in dry gas. Viton or other heat resistant seals should be used in the housing.

| Filter Assemblies Assemblies in RED are maximum Recommended for Steam Sterilization | | | | Flow rates (SCFM), at 7 psi drop at indicated line pressure (over 3 stages) Refer to Principal Specification Charts in each product data sheet for pressure rating of each housing | | | | | | |
|---|--------------|--------------------------------|-----------|--|------|------|------|------|------|------|
| 1st Stage | 2nd Stage | 3rd Stage | Port Size | 20 | 40 | 60 | 80 | 100 | 125 | 150 |
| 2002N-IBI-DX | 2002N-IBI-BX | 2002N-OAO-SA A33B-SA | 1/4 | 8 | 11 | 16 | 21 | 25 | 31 | 36 |
| 2104N-IBI-DX | 2104N-IBI-BX | 2104N-OAO-SA A45B-SA | 1/2 | 19 | 30 | 41 | 51 | 63 | 76 | 90 |
| 2208N-IBI-DX | 2208N-IBI-BX | 2208N-OAO-SA A27/35B-SA | 1 | 23 | 37 | 50 | 64 | 77 | 94 | 111 |
| 2312N-IBI-DX | 2312N-IBI-BX | 2312N-OAO-SA A27/80B-SA (1) | 1 1/2 | 46 | 74 | 101 | 129 | 155 | 189 | 223 |
| A15/80-DX | A15/80-BX | A15/80-SA A15/80-SA | 2 | 94 | 148 | 202 | 256 | 310 | 378 | 445 |
| AKC-0280-DX | AKC-0280-BX | AKC-0280-SA AKSB-0280-3-SA | 3 | 190 | 300 | 400 | 510 | 620 | 755 | 890 |
| AKC-0480-DX | AKC-0480-BX | AKC-0480-SA AKSB-0480-SA | 4 | 380 | 590 | 810 | 1020 | 1240 | 1510 | 1780 |
| AKC-0880-DX | AKC-0880-BX | AKC-0880-SA AKSB-0880-SA | 6 | 750 | 1180 | 1620 | 2050 | 2480 | 3020 | 3560 |
| AKC-1480-DX | AKC-1480-BX | AKC-1480-SA AKSB-1480-SA | 8 | 1310 | 2070 | 2830 | 3580 | 4340 | 5300 | 6230 |
| AKC-2280-DX | AKC-2280-BX | AKC-2280-SA AKSB-2280-SA | 10 | 2070 | 3270 | 4460 | 5660 | 6850 | 8340 | 9840 |

Notes:

1 Two Type A27/80B-SA in parallel required.

Principal Specifications

| Model | 2002,2003,2004(5) | 2104(5) | 2206(5) | 2208(5) | 2312(5) | A15/80 |
|---------------------------|-------------------------------|--------------------------------|-----------------------------|-----------------------------|-------------------------------|-------------------------------|
| Port Size | 1/4",3/8",1/2" NPT | 1/2" NPT | 3/4" NPT | 1" NPT | 1 1/2" NPT | 2" NPT |
| Maximum Pressure | 250 psig (1) | 250 psig (1) | 250 psig (1) | 250 psig (1) | 250 psig (1) | 250 psig (1) |
| Maximum Temperature | 170°F (77°C) | 170°F (77°C) | 130°F (54°C) | 130°F (54°C) | 130°F (54°C) | 130°F (54°C) |
| Materials of Construction | | | | | | |
| Head | Anod. Alum. | Anod. Alum. | Anod. Alum. | Anod. Alum. | Anod. Alum. | Anod. Alum. |
| Bowl | Anod. Alum. | Anod. Alum. | Steel | Steel | Steel | Steel |
| Internals | Nylon | Nylon | St. Steel | St. Steel | St. Steel | St. Steel |
| Seals | Buna-N | Buna-N | Buna-N | Buna-N | Buna-N | Buna-N |
| Shipping Weight | 2 lbs. (0.9 kg) | 2.5 lbs. (1 kg) | 8 lbs. (3.6 kg) | 8 lbs. (3.6 kg) | 15 lbs. (6.8 kg) | 11 lbs. (5 kg) |
| Dimensions | 3.3"W X 8.5"L (8cm X 22cm) | 3.3"W X 11.3"L (8cm X 28cm) | 4"W X 13"L (10cm X 33cm) | 4"W X 13"L (10cm X 33cm) | 5.0"W X 17"L (13cm X 43cm) | 6.3"W X 28"L (16cm X 71cm) |

Ordering Information

For assistance, call toll-free at 1-800-343-4048 8AM to 5PM Eastern Time

| Model | 2002,2003,2004(5) | 2104(5) | 2206(5) | 2208(5) | 2312(5) | A15/80 |
|--|-------------------|--------------|--------------|--------------|--------------|------------|
| Assembly with Grade DX Filter Cartridge | 200?-IBI-DX | 2104N-IBI-DX | 2206N-IBI-DX | 2208N-IBI-DX | 2312N-IBI-DX | A15/80-DX |
| Assembly with Grade BX Filter Cartridge | 200?-IBI-BX | 2104N-IBI-BX | 2206N-IBI-BX | 2208N-IBI-BX | 2312N-IBI-BX | A15/80-BX |
| Assembly with Grade SA Filter Cartridge & Support Core | 200?-OAO-SA | 2104N-OAO-SA | 2206N-OAO-SA | 2208N-OAO-SA | 2312N-OAO-SA | A15/80-SA |
| Differential Pressure Indicator (optional)(2) | Included | Included | Included | Included | Included | Included |
| Filter Cartridges (3) | | | | | | |
| Number Required | 1 | 1 | 1 | 1 | 1 | 1 |
| Box of 3 (4) | 3/100-12-□ | 3/100-18-□ | 3/150-19-□ | 3/150-19-□ | 3/200-35-□ | 3/200-80-□ |
| Box of 5 (4) | 5/100-12-□ | 5/100-18-□ | 5/150-19-□ | 5/150-19-□ | 5/200-35-□ | 5/200-80-□ |
| Box of 10 (4) | 100-12-□ | 100-18-□ | 150-19-□ | 150-19-□ | 200-35-□ | 200-80-□ |

Notes:

1 Maximum pressure ratings are for temperatures to 130°F (54°C). Please consult factory for maximum pressure ratings at elevated temperatures.

2 Differential Pressure Indicator is not supplied with assemblies containing Grade SA Cartridges. Maximum pressure rating for 41-082 is 250 psig. The DPI is sensitive in the range of 0-5 psi differential.

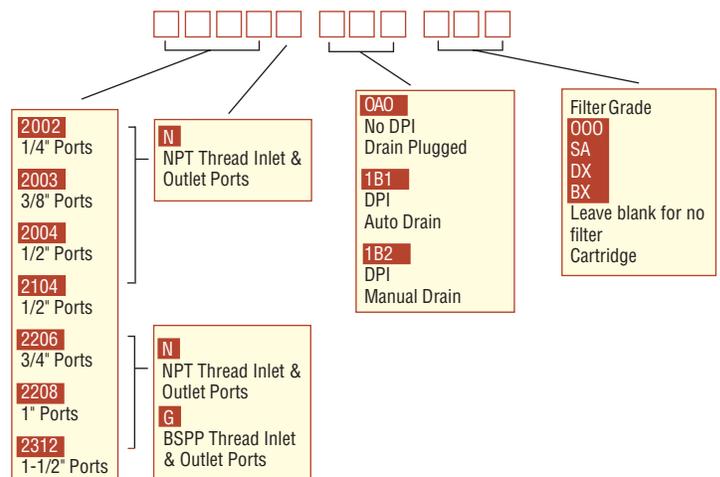
3 To order filter cartridges, indicate the grade of filter cartridge by placing the appropriate letter after the ordering number. Examples: 5/100-12-DXE, 100-18-BXE, 150-19-SA.

4 Grades BXE, DXE are available only in boxes of 5 and 10. Grade SA is available in boxes of 3 and 10.

5 Lifetime (20 year) warranty included. Contact your local representative for details.

How to Order the New "2000 Series"

Build your own custom filter assembly using the guideline matrix to the right and specify your model number. Example: 1/2" filter with DPI and Auto Drain with Grade DXE Filter = 2104N-1B1-DX



Remove all viable organisms

Full compliance with FDA requirements

High flow rates

USDA accepted for use in federally inspected meat and poultry plants

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Here's what one of your colleagues found:

A Balston sterile air filter assembly, consisting of 1/4" NPT Models of Grade DX, Grade BX and Grade SA were tested at the University of Massachusetts, Department of Food Science and Nutrition, under the direction of Professor David A. Evans, Ph.D.

"This sterile air system produced commercially sterile air and, to the limits of detection, no viable colonies of microorganisms were found".

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Model AKC-0280



Model AKC-1480



Principal Specifications

| Model | AKC-0280 | AKC-0480 | AKC-0880 | AKC-1480 | AKC-2280 |
|---------------------------------------|--|------------------------------|------------------------------|-------------------------------|-------------------------------|
| Port Size | 3" Flange | 4" Flange | 6" Flange | 8" Flange | 10" Flange |
| Maximum Pressure (1) | 250 psig | 250 psig | 200 psig | 200 psig | 200 psig |
| Maximum Temperature (2) | 230°F (110°C) | 230°F (110°C) | 250°F (110°C) | 250°F (110°C) | 250°F (110°C) |
| Materials of Construction | Carbon steel vessel with 303 Stainless Steel filter tube holders and Buna N seals. | | | | |
| Closure Type | Flat flanged top with swing bolts and Buna N "O" rings. | | | | |
| Shipping Weight | 132 lbs. (60 kg) | 210 lbs. (95 kg) | 360 lbs. (163 kg) | 590 lbs. (268 kg) | 880 lbs. (400 kg) |
| Dimensions | 36"H X 16"W (91cm X 40cm) | 36"H X 21"W (91cm X 53cm) | 38"H X 25"W (97cm X 64cm) | 54"H X 34"W (137cm X 86cm) | 56"H X 36"W (142cm X 91cm) |
| Flange Center Line to Floor Dimension | 7.75" (20cm) | 6.25" (11cm) | 7.5" (19cm) | 16.25" (41cm) | 17.25" (44cm) |

Ordering Information (3)

For assistance, call toll-free at 1-800-343-4048 8AM to 5PM Eastern Time

| Model | AKC-0280 | AKC-0480 | AKC-0880 | AKC-1480 | AKC-2280 |
|--|-------------|-------------|-------------|-------------|-------------|
| Assembly with Grade DX Filter Cartridge | AKC-0280-DX | AKC-0480-DX | AKC-0880-DX | AKC-1480-DX | AKC-2280-DX |
| Assembly with Grade BX Filter Cartridge | AKC-0280-BX | AKC-0480-BX | AKC-0880-BX | AKC-1480-BX | AKC-2280-BX |
| Assembly with Grade SA Filter Cartridge & Support Core | AKC-0280-SA | AKC-0480-SA | AKC-0880-SA | AKC-1480-SA | AKC-2280-SA |
| Filter Cartridges | | | | | |
| Number Required | 2 | 4 | 8 | 14 | 22 |
| Box of 3 (4) | 3/200-80-□ | 3/200-80-□ | 3/200-80-□ | 3/200-80-□ | 3/200-80-□ |
| Box of 5 (5) | 5/200-80-□ | 5/200-80-□ | 5/200-80-□ | 5/200-80-□ | 5/200-80-□ |
| Box of 10 | 200-80-□ | 200-80-□ | 200-80-□ | 200-80-□ | 200-80-□ |

Notes:

1 Vessel is ASME Section VIII, Division 1 code stamped for rated pressure. All AKC series housings have CRN registration numbers assigned in all Canadian provinces.

2 Maximum operating temperature may be limited by seal material. Consult factory for recommendations at elevated temperatures.

3 Filter assemblies are shipped complete with automatic drain, filter cartridges, and differential pressure indicator.

Automatic Drain

The maximum operating pressure for the Model 20-211 Automatic Drain is 400 psig. Minimum operating pressure is 10 psig.

Differential Pressure Indicator

The maximum operating pressure for the Differential Pressure Indicator Model 41-071 is 250 psig. The DPI is sensitive in the range of 0-5 psi.

The Automatic Drain and Differential Pressure Indicator are not included with assemblies containing SA cartridges.

4 To order filter cartridges, indicate the grade of filter cartridge by placing the appropriate letter after the ordering number. Examples: 5/100-12-DXE, 100-18-BXE, 150-19-SA.

5 Grades BXE, DXE are available in boxes of 5 and 10 only. Grade SA is available in boxes of 3 and 10.

Steam Sterilizable Sterile Air Filters**Remove all viable organisms****In-line steam sterilization****Low pressure drop****Full compliance with FDA requirements****USDA accepted for use in federally inspected meat and poultry plants****Balston® Sterile Air Filters**

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Model A33B-SA



Model A45B-SA



Model A27/35B-SA, A27/80B-SA



Steam Sterilizable Sterile Air Filters

| Principal Specifications | | | | |
|--|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Model | A33B | A45B | A27/35B | A27/80B |
| Inlet and Outlet Ports (1) | 1/4" NPT | 1/2" NPT | 1" NPT | 1" NPT |
| Drain Port (2) | 1/8" NPT | 1/8" NPT | 1/4" NPT | 1/4" NPT |
| Materials of Construction | | | | |
| Head | 316SS | 316SS | 316SS | 316SS |
| Bowl | 316SS | 316SS | 316SS | 316SS |
| Internals | 316SS | 316SS | 316SS | 316SS |
| Seals (3) | Viton | Viton | Viton | Viton |
| Maximum Temperature | 400°F (204°C) | 400°F (204°C) | 400°F (204°C) | 400°F (204°C) |
| Maximum Pressure (4) | 425 psig | 250 psig | 800 psig | 800 psig |
| Maximum Steam Pressure for Sterilization | 60 psig | 60 psig | 60 psig | 60 psig |
| Shipping Weight | 3 lbs. (1 kg) | 5 lbs. (2 kg) | 16 lbs. (7 kg) | 20 lbs. (9 kg) |
| Dimensions | 2.6"Dia X 4.9"L (7cm X 12cm) | 2.6"Dia. X 8.4"L (7cm X 21cm) | 4.0"Dia. X 16"L (10cm X 40cm) | 4.0"Dia. X 27"L (10cm X 69cm) |

Ordering Information

For assistance, call toll-free at 1-800-343-4048 8AM to 5PM Eastern Time

| Model | A33B | A45B | A27/35B | A27/80B |
|---|-------------|-------------|----------------|----------------|
| Assembly with Grade SA Filter Cartridge | A33B-SA | A45B-SA | A27/35B-SA | A27/80B-SA |
| Filter Cartridges: | | | | |
| Number Required | 1 | 1 | 1 | 1 |
| Box of 3 | 3/100-12-SA | 3/100-25-SA | 3/200-35-SA | 3/200-80-SA |
| Box of 10 | 100-12-SA | 100-25-SA | 200-35-SA | 200-80-SA |

Notes:

1 Adaptors are available which convert threaded ports to sanitary type clamp connections.

Ordering Information:

Part # 73803 1" NPT x 1" Sanitary

Part # 73804 1 1/2" NPT x 1 1/2" Sanitary

Part # 73805 2" NPT x 2" Sanitary

2 Condensate drain valve required. Supplied by customer.

3 Constructed of food grade Viton.

4 Maximum pressure ratings are for temperatures to 130°F (54°C). Please consult factory for maximum pressure ratings at elevated temperatures.

Steam Sterilizable Sterile Air Filters**Remove all viable organisms****In-line steam sterilization****High flow rates****Full compliance with FDA requirements****USDA accepted for use in federally inspected meat and poultry plants**

Model AKSB-0280-3-SA



Model AKSB-1480-SA

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Steam Sterilizable Sterile Air Filters

| Principal Specifications | | | | | | |
|--|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|
| Model | AKSB-0280-2-SA | AKSB-0280-3-SA | AKSB-0480-SA | AKSB-0880-SA | AKSB-1480-SA | AKSB-2280-SA |
| Port Size | 2" Flange | 3" Flange | 4" Flange | 6" Flange | 8" Flange | 10" Flange |
| Materials of Construction | 316SS | 316SS | 316SS | 316SS | 316SS | 316SS |
| Seals (1) | Viton | Viton | Viton | Viton | Viton | Viton |
| Maximum Pressure (2) | 200 psig | 200 psig |
| Maximum Temperature | 200°F (93°C) | 200°F (93°C) |
| Maximum Steam Pressure for Sterilization | 60 psig | 60 psig |
| Shipping Weight | 140 lbs. (64 kg) | 140 lbs. (64 kg) | 210 lbs. (95 kg) | 360 lbs. (163 kg) | 590 lbs. (268 kg) | 880 lbs. (400 kg) |
| Dimensions | 16"W X 36"L (41cm X 91cm) | 16"W X 36"L (41cm X 91cm) | 20"W X 36"L (53cm X 91cm) | 25"W X 38"L (64cm X 97cm) | 34"W X 54"L (86cm X 137cm) | 36"W X 56"L (91cm X 142cm) |

Ordering Information

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| Model | AKSB-0280-2 | AKSB-0280-3 | AKSB-0480 | AKSB-0880 | AKSB-1480 | AKSB-2280 |
|---|--------------------|--------------------|------------------|------------------|------------------|------------------|
| Assembly with Grade SA Filter Cartridge | AKSB-0280-2-SA | AKSB-0280-3-SA | AKSB-0480-SA | AKSB-0880-SA | AKSB-1480-SA | AKSB-0280-SA |
| Filter Cartridges: | | | | | | |
| Box of 3 | 3/200-80-SA | 3/200-80-SA | 3/200-80-SA | 3/200-80-SA | 3/200-80-SA | 3/200-80-SA |
| Box of 10 | 200-80-SA | 200-80-SA | 200-80-SA | 200-80-SA | 200-80-SA | 200-80-SA |
| Number per housing | 2 | 2 | 4 | 8 | 14 | 22 |

Notes:

- 1 Constructed of food grade Viton.
- 2 Vessel is ASME Section VIII Division 1 Code stamped for rated pressure.

Application Notes