

BUYING GUIDE

EATON BASKET STRAINERS



Warning: This is a basic guide and is intended for research purposes only. Always consult an expert familiar with your application before selecting filtration equipment. Commercial Industrial Supply is not responsible for errors or omissions in this guide.

OFFICIAL DISTRIBUTOR FOR



Powering Business Worldwide

To determine which Eaton basket strainer you need, you should know the following:

1. End Connection Type

Eaton basket strainers come in four different types of connections:

- Flanged 125#
- Flanged 150#
- Flanged 300#
- Threaded

2. Connector Diameter Size

When it comes to connector size for an Eaton Basket Strainer, people often mistakenly look at the size of the filter basket it is connecting to.

However, the correct connector size is based on the ***diameter of the pipe*** that the basket strainer is connecting to.

Eaton basket strainer connector sizes range from 3/8" to 18". Custom engineered models can come in larger sizes up to 36".

3. Material

Eaton basket strainers come in five different types of materials:

- Bronze
- Carbon Steel
- Carbon steel with abrasion resistant 1/8" Tefzel® liner
- Iron
- Stainless Steel

4. Perforation or Mesh

Eaton basket strainers come with a choice of basket perforation or mesh.

a. Basket Perforation Size

Basket strainer perforation relates to size of the holes or piercings of the strainer.

Eaton basket strainers come in the following perforations diameter sizes:

- 1/32"
- 3/64"
- 1/16"
- 1/8"
- 5/32"
- 3/16"
- 1/4"
- 3/8"
- 1/2"

b. Basket Mesh

Basket mesh is an additional lining over the perforated basket for finer filtration.

Depending on the Eaton basket strainer, it can work with basket mesh of:

- 20
- 40
- 60

- 80
- 100
- 150
- 200
- 325
- 400*

**Sizes 10" through 18" limited to 60 mesh.*

5. Single or Double Basket

Eaton Basket Strainers either have one or two baskets.

The basket strainers that hold one basket are referred to as **simplex**, while those that hold two baskets are called **duplex**.

Eaton Basket Strainer Models

Simplex Basket Strainers

Model 30R Simplex Basket Strainer

End Connection	Connector Size	Material	Perforation	OR	Basket Mesh
Threaded	1 1/2" – 3"	Iron	1/32" – 1/2"		20 – 400
Threaded	1 1/2" – 8"	Iron	1/32" – 1/2"		20 – 400
Flanged 125#	1 1/2" – 8"	Iron	1/32" – 1/2"		20 – 400

Model 72 Simplex Basket Strainer

End Connection	Connector Size	Material	Perforation	OR	Basket Mesh
Threaded	3/8" to 3"	Iron and Bronze	1/32" – 1/2"		20 - 400
Threaded	1" to 3"	Carbon Steel	1/32" – 1/2"		20 - 400
Threaded	1" to 3"	Stainless Steel	1/32" – 1/2"		20 - 400
Flanged 125#	1" to 8"	Iron	1/32" – 1/2"		20 - 400
Flanged 150#	1" to 8"	Bronze	1/32" – 1/2"		20 - 400
Flanged 150#	1" to 8"	Carbon Steel	1/32" – 1/2"		20 - 400
Flanged 150#	1" to 8"	Stainless Steel	1/32" – 1/2"		20 - 400

Model 72L Tefzel Plastic Lined

This model is the same as the Model 72 Simplex Basket strainer with the exception that it has a Tefzel® liner that is ideal for chemical applications.

End Connection	Connector Size	Material	Perforation	OR	Basket Mesh
Flanged	1"	Carbon steel with abrasion resistant 1/8" Tefzel® Liner	1/32" – 1/2"		20 - 400
Flanged	2"		1/32" – 1/2"		20 - 400
Flanged	3"		1/32" – 1/2"		20 - 400
Flanged	4"		1/32" – 1/2"		20 - 400
Flanged	5"		1/32" – 1/2"		20 - 400
Flanged	6"		1/32" – 1/2"		20 - 400

Model 72SJ Straight Flow Simplex Basket Strainer

This model is the same as the Model 72 Simplex Basket strainer with the exception that it has a steam jacket, which circulates steam to keep contents heated.

End Connection	Connector Size	Material	Perforation	OR	Basket Mesh
Flanged	1"	Carbon Steel	1/32" – 1/2"		20, 40 or 60
Flanged	2"	Carbon Steel	1/32" – 1/2"		20, 40 or 60
Flanged	3"	Carbon Steel	1/32" – 1/2"		20, 40 or 60
Flanged	4"	Carbon Steel	1/32" – 1/2"		20, 40 or 60
Flanged	5"	Carbon Steel	1/32" – 1/2"		20, 40 or 60
Flanged	6"	Carbon Steel	1/32" – 1/2"		20, 40 or 60
Flanged	7"	Carbon Steel	1/32" – 1/2"		20, 40 or 60
Flanged	8"	Carbon Steel	1/32" – 1/2"		20, 40 or 60
Flanged	1"	Stainless Steel	1/32" – 1/2"		20, 40 or 60
Flanged	2"	Stainless Steel	1/32" – 1/2"		20, 40 or 60
Flanged	3"	Stainless Steel	1/32" – 1/2"		20, 40 or 60
Flanged	4"	Stainless Steel	1/32" – 1/2"		20, 40 or 60
Flanged	5"	Stainless Steel	1/32" – 1/2"		20, 40 or 60
Flanged	6"	Stainless Steel	1/32" – 1/2"		20, 40 or 60
Flanged	7"	Stainless Steel	1/32" – 1/2"		20, 40 or 60
Flanged	8"	Stainless Steel	1/32" – 1/2"		20, 40 or 60

Model 73 Straight Flow Simplex Basket Strainer

End Connection	Connector Size	Material	Perforation	OR	Basket Mesh
Flanged	10"	Iron	1/32" – 1/2"		20, 40 or 60
Flanged	12"	Iron	1/32" – 1/2"		20, 40 or 60
Flanged	14"	Iron	1/32" – 1/2"		20, 40 or 60
Flanged	16"	Iron	1/32" – 1/2"		20, 40 or 60
Flanged	18"	Iron	1/32" – 1/2"		20, 40 or 60
Flanged	10"	Bronze	1/32" – 1/2"		20, 40 or 60
Flanged	12"	Bronze	1/32" – 1/2"		20, 40 or 60
Flanged	14"	Bronze	1/32" – 1/2"		20, 40 or 60
Flanged	16"	Bronze	1/32" – 1/2"		20, 40 or 60
Flanged	18"	Bronze	1/32" – 1/2"		20, 40 or 60

Model 510 Basket Strainer*

End Connection	Connector Size	Material	Perforation	OR	Basket Mesh
Flanged	8"		1/32" – 1/2"		20, 40 or 60
Flanged	10"		1/32" – 1/2"		20, 40 or 60

Flanged	12"	1/32" – 1/2"	20, 40 or 60
Flanged	14"	1/32" – 1/2"	20, 40 or 60
Flanged	16"	1/32" – 1/2"	20, 40 or 60
Flanged	20"	1/32" – 1/2"	20, 40 or 60
Flanged	24"	1/32" – 1/2"	20, 40 or 60
Flanged	30"	1/32" – 1/2"	20, 40 or 60
Flanged	36"	1/32" – 1/2"	20, 40 or 60

*This is an engineered strainer model that is custom made for each unique application.

Duplex Basket Strainers

Model 50 Duplex Basket Strainer

End Connection	Connector Size	Material	Perforation	OR	Basket Mesh
Flanged 125#	5"	Iron or Bronze	1/32" – 1/2"		20 – 400
Flanged 150#	5"	Iron or Bronze	1/32" – 1/2"		20 – 400
Flanged 125#	6"	Iron or Bronze	1/32" – 1/2"		20 – 400
Flanged 150#	6"	Iron or Bronze	1/32" – 1/2"		20 – 400
Flanged 125#	8"	Iron or Bronze	1/32" – 1/2"		20 – 400
Flanged 150#	8"	Iron or Bronze	1/32" – 1/2"		20 – 400
Flanged 150#	6"	Carbon Steel	1/32" – 1/2"		20 – 400
Flanged 150#	8"	Carbon Steel	1/32" – 1/2"		20 – 400
Flanged 150#	6"	Stainless Steel	1/32" – 1/2"		20 – 400
Flanged 150#	8"	Stainless Steel	1/32" – 1/2"		20 – 400

Model 52 Duplex Basket Strainer

End Connection	Connector Size	Material	Perforation	OR	Basket Mesh
Flanged 125#	10" – 12"	Iron	1/32" – 1/2"		20 – 400
Flanged 150#	10" – 12"	Bronze	1/32" – 1/2"		20 – 400
Flanged 125#	14" – 18"	Iron	1/32" – 1/2"		20 – 400
Flanged 150#	14" – 18"	Bronze	1/32" – 1/2"		20 – 400

Model 53BTX Duplex Basket Strainer

End Connection	Connector Size	Material	Perforation	OR	Basket Mesh
Threaded	3/4"	Iron	1/32" – 1/2"		20 – 400
Threaded	1"	Iron	1/32" – 1/2"		20 – 400
Threaded	1-1/4"	Iron	1/32" – 1/2"		20 – 400
Threaded	1-1/2"	Iron	1/32" – 1/2"		20 – 400
Threaded	2"	Iron	1/32" – 1/2"		20 – 400
Threaded	2-1/2"	Iron	1/32" – 1/2"		20 – 400
Threaded	1"	Iron	1/32" – 1/2"		20 – 400
Threaded	1-1/2"	Iron	1/32" – 1/2"		20 – 400
Threaded	2"	Iron	1/32" – 1/2"		20 – 400
Threaded	2-1/2"	Iron	1/32" – 1/2"		20 – 400
Threaded	3"	Iron	1/32" – 1/2"		20 – 400
Threaded	4"	Iron	1/32" – 1/2"		20 – 400
Flanged	3/4"	Iron	1/32" – 1/2"		20 – 400
Flanged	1"	Iron	1/32" – 1/2"		20 – 400
Flanged	1-1/4"	Iron	1/32" – 1/2"		20 – 400
Flanged	1-1/2"	Iron	1/32" – 1/2"		20 – 400
Flanged	2"	Iron	1/32" – 1/2"		20 – 400
Flanged	2-1/2"	Iron	1/32" – 1/2"		20 – 400
Flanged	1"	Iron	1/32" – 1/2"		20 – 400
Flanged	1-1/2"	Iron	1/32" – 1/2"		20 – 400
Flanged	2"	Iron	1/32" – 1/2"		20 – 400
Flanged	2-1/2"	Iron	1/32" – 1/2"		20 – 400
Flanged	3"	Iron	1/32" – 1/2"		20 – 400
Flanged	4"	Iron	1/32" – 1/2"		20 – 400
Threaded	3/4"	Bronze	1/32" – 1/2"		20 – 400
Threaded	1"	Bronze	1/32" – 1/2"		20 – 400
Threaded	1-1/4"	Bronze	1/32" – 1/2"		20 – 400
Threaded	1-1/2"	Bronze	1/32" – 1/2"		20 – 400
Threaded	2"	Bronze	1/32" – 1/2"		20 – 400
Threaded	2-1/2"	Bronze	1/32" – 1/2"		20 – 400
Threaded	3/4"	Carbon Steel	1/32" – 1/2"		20 – 400

Threaded	1"	Carbon Steel	1/32" – 1/2"	20 – 400
Threaded	1-1/4"	Carbon Steel	1/32" – 1/2"	20 – 400
Threaded	1-1/2"	Carbon Steel	1/32" – 1/2"	20 – 400
Threaded	2"	Carbon Steel	1/32" – 1/2"	20 – 400
Threaded	2-1/2"	Carbon Steel	1/32" – 1/2"	20 – 400
Threaded	3/4"	Stainless Steel	1/32" – 1/2"	20 – 400
Threaded	1"	Stainless Steel	1/32" – 1/2"	20 – 400
Threaded	1-1/4"	Stainless Steel	1/32" – 1/2"	20 – 400
Threaded	1-1/2"	Stainless Steel	1/32" – 1/2"	20 – 400
Threaded	2"	Stainless Steel	1/32" – 1/2"	20 – 400
Threaded	2-1/2"	Stainless Steel	1/32" – 1/2"	20 – 400
Threaded	1"	Bronze	1/32" – 1/2"	20 – 400
Threaded	1-1/2"	Bronze	1/32" – 1/2"	20 – 400
Threaded	2"	Bronze	1/32" – 1/2"	20 – 400
Threaded	2-1/2"	Bronze	1/32" – 1/2"	20 – 400
Threaded	3"	Bronze	1/32" – 1/2"	20 – 400
Threaded	4"	Bronze	1/32" – 1/2"	20 – 400
Threaded	1"	Carbon Steel	1/32" – 1/2"	20 – 400
Threaded	1-1/2"	Carbon Steel	1/32" – 1/2"	20 – 400
Threaded	2"	Carbon Steel	1/32" – 1/2"	20 – 400
Threaded	2-1/2"	Carbon Steel	1/32" – 1/2"	20 – 400
Threaded	3"	Carbon Steel	1/32" – 1/2"	20 – 400
Threaded	4"	Carbon Steel	1/32" – 1/2"	20 – 400
Threaded	1"	Stainless Steel	1/32" – 1/2"	20 – 400
Threaded	1-1/2"	Stainless Steel	1/32" – 1/2"	20 – 400
Threaded	2"	Stainless Steel	1/32" – 1/2"	20 – 400
Threaded	2-1/2"	Stainless Steel	1/32" – 1/2"	20 – 400
Threaded	3"	Stainless Steel	1/32" – 1/2"	20 – 400
Threaded	4"	Stainless Steel	1/32" – 1/2"	20 – 400
Flanged	3/4"	Bronze	1/32" – 1/2"	20 – 400
Flanged	1"	Bronze	1/32" – 1/2"	20 – 400
Flanged	1-1/4"	Bronze	1/32" – 1/2"	20 – 400
Flanged	1-1/2"	Bronze	1/32" – 1/2"	20 – 400
Flanged	2"	Bronze	1/32" – 1/2"	20 – 400
Flanged	2-1/2"	Bronze	1/32" – 1/2"	20 – 400
Flanged	3/4"	Carbon Steel	1/32" – 1/2"	20 – 400
Flanged	1"	Carbon Steel	1/32" – 1/2"	20 – 400
Flanged	1-1/4"	Carbon Steel	1/32" – 1/2"	20 – 400
Flanged	1-1/2"	Carbon Steel	1/32" – 1/2"	20 – 400
Flanged	2"	Carbon Steel	1/32" – 1/2"	20 – 400
Flanged	2-1/2"	Carbon Steel	1/32" – 1/2"	20 – 400
Flanged	3/4"	Stainless Steel	1/32" – 1/2"	20 – 400
Flanged	1"	Stainless Steel	1/32" – 1/2"	20 – 400
Flanged	1-1/4"	Stainless Steel	1/32" – 1/2"	20 – 400

Flanged	1-1/2"	Stainless Steel	1/32" – 1/2"	20 – 400
Flanged	2"	Stainless Steel	1/32" – 1/2"	20 – 400
Flanged	2-1/2"	Stainless Steel	1/32" – 1/2"	20 – 400
Flanged	1"	Bronze	1/32" – 1/2"	20 – 400
Flanged	1-1/2"	Bronze	1/32" – 1/2"	20 – 400
Flanged	2"	Bronze	1/32" – 1/2"	20 – 400
Flanged	2-1/2"	Bronze	1/32" – 1/2"	20 – 400
Flanged	3"	Bronze	1/32" – 1/2"	20 – 400
Flanged	4"	Bronze	1/32" – 1/2"	20 – 400
Flanged	1"	Carbon Steel	1/32" – 1/2"	20 – 400
Flanged	1-1/2"	Carbon Steel	1/32" – 1/2"	20 – 400
Flanged	2"	Carbon Steel	1/32" – 1/2"	20 – 400
Flanged	2-1/2"	Carbon Steel	1/32" – 1/2"	20 – 400
Flanged	3"	Carbon Steel	1/32" – 1/2"	20 – 400
Flanged	4"	Carbon Steel	1/32" – 1/2"	20 – 400
Flanged	1"	Stainless Steel	1/32" – 1/2"	20 – 400
Flanged	1-1/2"	Stainless Steel	1/32" – 1/2"	20 – 400
Flanged	2"	Stainless Steel	1/32" – 1/2"	20 – 400
Flanged	2-1/2"	Stainless Steel	1/32" – 1/2"	20 – 400
Flanged	3"	Stainless Steel	1/32" – 1/2"	20 – 400
Flanged	4"	Stainless Steel	1/32" – 1/2"	20 – 400

Model 570 Duplex Basket Strainer*

End Connection	Connector Size	Material	Perforation	OR	Basket Mesh
Flanged 125#	8" – 24"	Iron	1/32" – 1/2"		20 – 400
Flanged 150#	8" – 24"	Carbon Steel	1/32" – 1/2"		20 – 400
Flanged 300#	8" – 16"	Carbon Steel	1/32" – 1/2"		20 – 400

*This is an engineered strainer model that is custom made for each unique application.

For more information and pricing on Eaton Basket Strainers, please contact Commercial Industrial Supply at 866-777-8001 or [request a quote](#).



Why Buy Eaton from CIS?

- ☒ Authorized Eaton Distributor
- ☒ Lowest Eaton Prices Anywhere
- ☒ Shortest Lead Times
- ☒ National & International Shipping
- ☒ Years of Eaton Experience
- ☒ All Models / Parts Available