

# MODEL 72SJ STEAM JACKETED BASKET STRAINER

Carbon Steel or Stainless Steel, Sizes 1" to 8", Flanged

For High Viscosity Fluids



## Features

- NPT steam connections
- Up to 100 psi steam pressure
- Quick open cover – no tools required
- Large capacity basket
- Threaded drain plug
- Machined basket seat
- Viton® Seals
- Standard perforated stainless steel basket

## Options

- Basket perforations from 1/32" to 1/2"
- Basket mesh from 20 to 400
- Monel baskets
- Vent valves
- Drain valves
- 1/4" NPT taps
- Pressure differential gauge and switches

The Model 72SJ is for applications where materials must be kept hot in order to remain fluid. Examples are chocolate, asphalt, resins and polymers. The strainer body temperature is maintained by circulating steam or a heat transfer fluid through the strainer jacket.

The basic strainer used in the Model 72SJ is our popular Model 72 Simplex Basket Strainer which has, over the years, proven itself a standard of industry. All of the features of the Model 72 have been retained, including large basket capacity with an open area that is at least six times the pipe cross-sectional area.

No tools are needed to open the cover for basket cleaning or change out – an operation that is accomplished in a matter of seconds with a yoke type cover. The standard cover seal is Viton® and can be used in most applications up to a temperature of 400°F. For higher temperature applications, non-asbestos seals are available.

The strainer body is provided with either a carbon steel or stainless steel jacket welded to the cast body. The steam jacket will handle steam pressures up to 100 psi.

## C<sub>v</sub> Factors\*

Size	Value	Size	Value
1"	22.5	3"	180
1-1/4"	31.5	4"	350
1-1/2"	46.0	6"	900
2"	73.0	8"	1400
2-1/2"	125		

\* For water with clean, perforated basket

## Selection Chart

Size	Material	End Connections*	Seals	Pressure Rating
1" to 8"	Carbon Steel or Stainless Steel	Flanged 150#	Viton®	200 psi @ 100F

\* DIN flanges and BSP threads available

## Dimensions (in / mm) Model 72SJ Basket Strainer

Size	A	B	C	D	F	G	I	K	Net Wt. - lb / kg	
									Carbon Steel	Stainless
2	10.50 / 268	13.75 / 349	6.75 / 172	7.63 / 194	20 / 508	3/8	1/2	5.75 / 146	48 / 22	45 / 20
2-1/2	11.63 / 295	15.63 / 397	8.00 / 203	8.75 / 222	23 / 584	3/8	1/2	6.38 / 162	81 / 37	75 / 34
3	13.13 / 334	18.75 / 476	8.00 / 203	12.00 / 305	27 / 686	1/2	1/2	7.25 / 184	112 / 51	105 / 48
4	17.25 / 438	19.88 / 505	10.75 / 273	10.75 / 273	29 / 737	1/2	3/4	9.63 / 245	165 / 75	155 / 70
6	19.63 / 499	28.50 / 724	10.75 / 273	18.38 / 467	46 / 1168	1/2	3/4	10.81 / 275	315 / 143	280 / 127
8	27.00 / 686	40.50 / 1029	-	27.00 / 686	60 / 152	1/2	3/4	15.75 / 400	653 / 297	653 / 297

Dimensions and weights are for reference only. Contact us for certified drawings.

