

# MODEL 50 **EAT•N**

## PLUG TYPE DUPLEX BASKET STRAINERS

IRON, CARBON STEEL OR STAINLESS STEEL CONSTRUCTION

### FEATURES & BENEFITS

- Continuous flow, no shutdown for basket cleaning
- Rugged tapered plug design
- Lift jack prevents galling of the plug
- Quick open cover—no tools needed
- Large capacity baskets
- Threaded drain
- Machined basket seat
- Perforated or mesh 316 stainless steel basket

### OPTIONS

- Basket perforations from 1/32" to 1/2"
- Basket mesh from 20 to 400
- Vent valves
- Drain valves
- Gauge/vent taps - 1/4" NPT
- Magnetic basket inserts
- Pressure differential gauge and switch connections
- Viton®, PTFE encapsulated, or EPDM seals



### TROUBLE-FREE DESIGN, EASY OPERATION

The Eaton Model 50 plug type duplex strainer's design is simple and economical. This high-quality strainer is, in fact, a pressure rated plug valve with integral straining baskets. To switch the flow from one basket to the other, the operating handle moves through a 90-degree arc. Because of the unique port design in the diverter plug, it is impossible for this operation to stop the flow. The entire switching operation takes fewer than 30 seconds, no tools required. Positioning the plug each time in exactly the right spot happens automatically by integral stops.

Before operating the handle, a specially designed, manual lifting jack built into the strainer, lifts the diverter plug off its seat. After the switching operation, the jack easily reseats the plug, even under high pressures. Because a built-in stop limits the distance the diverter plug rises, it minimizes the possibility of material bypassing the plug while rotated to divert flow. It also prevents debris from building up under the plug and making it difficult to reseal.

### OTHER FEATURES

- A quick, easy to open, swing-away yoke design cover goes back on just as fast as it came off
- Standard NPT drain taps simplify the draining of the basket chamber
- All sizes come with mounting legs for bolting the strainer to the floor for a rock solid installation



**SIZES**  
5", 6", 8"



**MATERIALS**  
Iron, Carbon Steel,  
Stainless Steel



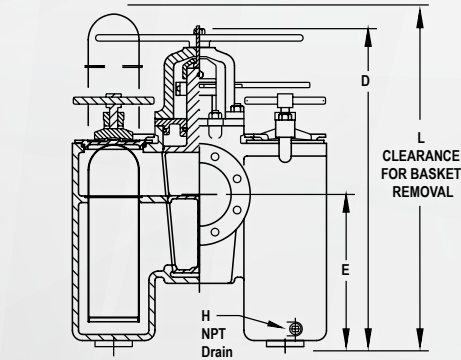
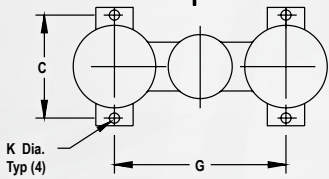
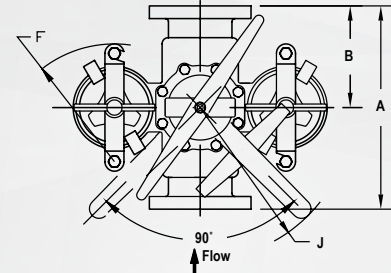
**PORTS**  
Flanged

## SELECTION CHART

Size	Body Material	Plug Material	End Connections	Seals
5", 6", 8"	Iron	Bronze	Flanged 125#	Buna-N
6", 8"	Carbon Steel	Bronze	Flanged 150#	Buna-N
6", 8"	Stainless Steel	Stainless Steel	Flanged 150#	Viton™

DIN flanges available in 6" only.

Viton™ is a registered trademark of DuPont Performance Elastomers.

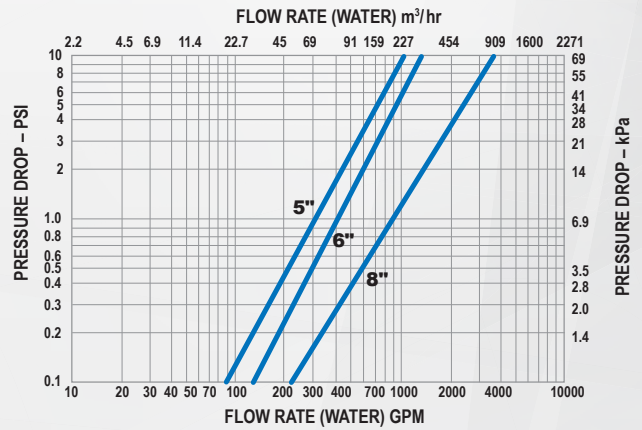
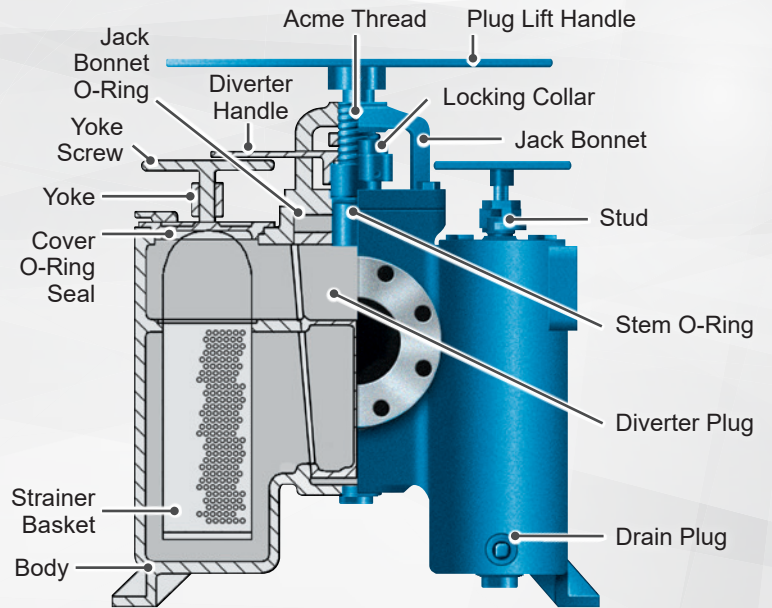


Dimensions and weights are for reference only.

## RATING

Size	Rating
5"	200 psi @ 100°F
6"	200 psi @ 100°F
8"	150 psi @ 100°F

Partial cutaway of Model 50 duplex strainer clearly illustrates all major parts - and gives a clear indication of the simplicity of design and ease of maintenance.



## DIMENSIONS - IN (MM)

Pipe Size	DIMENSIONS - IN (MM)											WEIGHT - LB (KG)		
	A	B	C	D	E	F	G	H	J	K	L	Cast Iron	Carbon Steel	Stainless Steel
5	18.38 (467)	9.00 (229)	9.75 (248)	33.25 (845)	14.75 (375)	10.25 (260)	17.19 (437)	3/8 —	19.75 (502)	0.56 (14)	41.00 (1041)	403 (183)	—	—
6	22.00 (559)	12.88 (327)	12.50 (318)	36.25 (921)	19.50 (495)	11.75 (298)	20.75 (527)	3/8 —	19.75 (502)	0.63 (16)	42.00 (1067)	500 (227)	580 (263)	615 (279)
8	25.00 (635)	14.00 (356)	17.00 (432)	50.63 (1286)	23.06 (586)	—	30.75 (781)	1/2 —	28.00 (711)	0.94 (24)	56.00 (1422)	1500 (682)	1610 (732)	1670 (759)

# VIKING PUMP

**VIKING PUMP, INC.**

A Unit of IDEX Corporation  
406 State Street  
Cedar Falls, Iowa 50613 U.S.A.  
Telephone: (319) 266-1741  
[vikingpump.com](http://vikingpump.com)

## Contact Your Stocking Distributor Today

Distributed By:

United States  
[vikingpump.com](http://vikingpump.com)

Cedar Falls, Iowa  
Phone: (319) 266-1741

Canada  
[vikingpumpcanada.com](http://vikingpumpcanada.com)

Windsor, Ontario  
Phone: (519) 256-5438

Europe & Africa  
[vikingpump.com](http://vikingpump.com)

Shannon, Ireland  
Phone: +353 (61) 471933

Asia-Pacific  
[idexfmi-asia.com](http://idexfmi-asia.com)

China - Shanghai  
Phone: +86-21-5241-5599  
India - Mumbai  
Phone: +91-22-6643-5563  
Singapore  
Phone: +65-6684-7305

Middle East  
[idexfmi-asia.com](http://idexfmi-asia.com)

Dubai, UAE  
Phone: +973-4-299-1095/1097

Latin America  
[vikingpump.com](http://vikingpump.com)

Australia & New Zealand  
[vikingpump.com](http://vikingpump.com)

**IDEX**