



LID-EASE® SIMPLEX BASKET STRAINERS

CAST IRON OR STAINLESS STEEL CONSTRUCTION | PARTS & ACCESSORIES



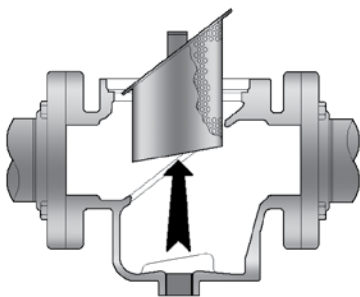
PROTECTION FOR PUMPS & DOWNSTREAM SYSTEMS

FEATURES & BENEFITS

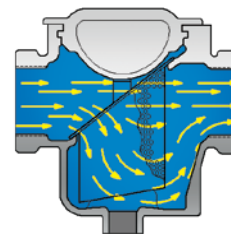
- Quarter-turn, easy opening breech-lock lid simplifies routine cleaning
- Inclined basket design provides low pressure drop for high system efficiency
- Top basket removal eliminates the need to drain the strainer and minimizes product loss
- Optional magnetic inserts are available for trapping ferrous particles
- Optional differential pressure indicators optimize cleaning intervals

OPTIONS

- Basket mesh from 10 to 100
- Magnetic inserts
- Differential pressure indicators



When the basket requires cleaning, simply vent system pressure, remove the lid and withdraw the basket from the top. Foreign matter contained in the basket will not drop back into the system.



The inclined position of the strainer basket adjacent to the porting allows for smooth flow patterns.



SIZES

¾", 1", 1½", 2", 3", 4", 6", 8"



MATERIALS

Cast Iron, Stainless Steel



PORTS

Flanged or Tapped (NPT)

PERFORMANCE

MODELS	SPECIFICATIONS							
	Nominal Capacity Suction Rating		Rated System Pressure		Approximate Shipping Weight		Standard Port	
	GPM	m ³ /h	PSI	BAR	Lbs	Kg	Type**	Inches
F-1007-IIRN	20	5	200	14	7	3	T	3/4
F-1010-IIRN	30	7	200	14	7	3	T	1
F-1015-IIRN	50	11	200	14	9	4	T	1-1/2
F-1020-IIRN	100	23	200	14	13	5.8	T	2
F-1020-FIRN	100	23	200	14	16	7	F	2
F-1030-IIRN	200	45	125	8.5	30	14	T	3
F-1030-FIRN	200	45	125	8.5	40	18	F	3
F-1040-FIRN	400	91	125	8.5	73	33	F	4
F-1060-FIRN	800	182	125	8.5	120	54	F	6
F-1080-FIRN	1,500	340	125	8.5	300	136	F	8
F-1007-ISST	20	5	200	14	7	3	T	3/4
F-1010-ISST	30	7	200	14	7	3	T	1
F-1015-ISST	50	11	200	14	10	4.5	T	1-1/2
F-1020-ISST	100	23	200	14	14	6.4	T	2
F-1020-FSST	100	23	200	14	20	9	F	2
F-1030-FSST	200	45	125	8.5	44	20	F	3
F-1040-FSST	400	91	125	8.5	77	35	F	4
F-1060-FSST	800	182	125	8.5	128	58	F	6

* IRN = Cast Iron, SST = Stainless Steel

** Port Type Options: F = Flanged, T = Tapped (NPT)

MESH	MESH SPECIFICATIONS						
	NO MESH (Perforated Basket Only)	10	20	40	60	80	100
OPENING (INCHES)	.156 (Sizes 3/4" - 1 1/2") .188 (Sizes 2" - 4")	0.075	0.034	0.015	0.009	0.007	0.0055
OPENING (MICRONS)	3962 (Sizes 3/4" - 1 1/2") 4775 (Sizes 2" - 4")	1,910	860	380	230	190	140



Strainer shown with optional pressure differential indicator



Baskets shown with optional magnetic inserts to trap fine ferrous particles

VIKING QUALITY CONSTRUCTION

- High-quality, easy-to-clean simplex strainers
- Designed for chemical, petrochemical and most general fluid-flow applications
- Tapped or flanged porting are available for 3/4, 1, 1 1/2, 2, 3, 4, 6 and 8 inch piping
- SS basket and screen are available in no mesh, 10, 20, 40, 60, 80 or 100 mesh
- Nominal capacities range from 20 to 1,500 GPM
- Pressures up to 200 PSI
- Strainer bodies & lids are available in cast iron or stainless steel

LOW PRESSURE DROP

Viking Lid-Ease® Strainers are designed for minimal pressure drop through the unit. Pressure drop is minimized by the inclined position of the strainer basket adjacent to the porting. This provides smooth flow patterns not found in conventional basket type strainers.

EASY TO CLEAN

No special tools are needed for lid removal. A simple lid rotation disengages the breech-lock lid to permit easy removal of the basket. The basket is removed from the top of the strainer to eliminate foreign matter from dropping back into the line when the strainer is cleaned. The strainers are equipped with a drain plug for complete draining, if required.

The light-weight and small overall dimensions make it possible to install Viking Lid-Ease® Line Strainers in systems that cannot accommodate larger strainers of equal porting size.

VIKING PUMP®

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