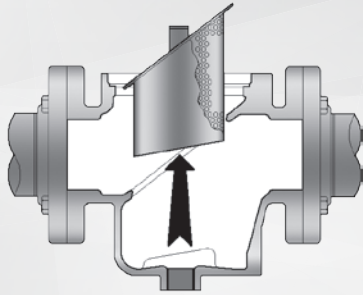


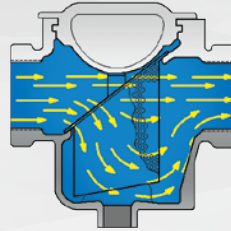
# VIKING LID-EASE®

## SIMPLEX BASKET STRAINERS

CAST IRON OR STAINLESS STEEL CONSTRUCTION



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.

### 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



#### SIZES

3/4", 1", 1 1/2", 2",  
3", 4", 6", 8"



#### MATERIALS

Cast Iron, Stainless Steel



#### PORTS

Flanged or Tapped (NPT)

### PROTECTION FOR PUMPS & DOWNSTREAM SYSTEMS

# VIKING PUMP

## PERFORMANCE

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

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

### MESH SPECIFICATIONS

MESH	NO MESH (Perforated Basket Only)	10	20	40	60	80	100
OPENING (INCHES)	.156 (Sizes 3/4" - 1 1/2")						
	.188 (Sizes 2" - 8")	.075	.034	.015	.009	.007	.0055
OPENING (MICRONS)	3962 (Sizes 3/4" - 1 1/2")						
	4775 (Sizes 2" - 8")	1,910	860	380	230	190	140

## 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



Baskets shown with optional magnetic inserts to trap fine ferrous particles

## 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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