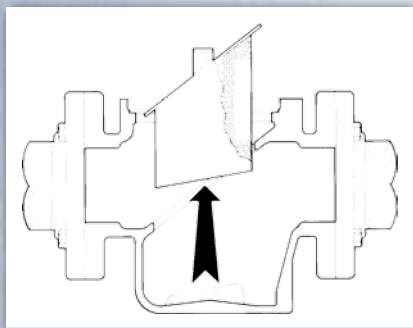


VIKING PUMP

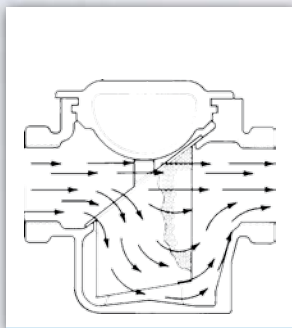
A Unit of IDEX Corporation

Viking Lid-Ease® Basket Strainers

Protection for Pumps and Downstream Systems



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.



- Inclined basket position provides low pressure drop for higher system efficiency
- Quarter-turn, easy opening breech-lock lid simplifies routine cleaning
- Top basket removal eliminates the need to drain the strainer and minimizes product loss
- Weatherseal lid design protects against exterior elements and air infiltration
- Tapped, flanged or grooved end ports available
- Optional magnetic inserts are available for trapping ferrous particles
- Optional differential pressure indicators optimize cleaning intervals

Capacity: to 340 M³/Hr (1,500 GPM)

Pressure: to 14 Bar (200 PSI)

Viscosity: to 55,000 cSt (250,000 SSU)

Temperature: -51°C to +260°C (-60°F to +500°F)

Materials: Aluminum, Cast Iron, Ductile Iron, Stainless Steel

Elastomers: Buna-N, Viton®, PTFE Encapsulated

Options: Magnetic Inserts, Differential Pressure Indicators

Ports: Flanged, Grooved, Tapped (NPT or BSP)

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Viking Quality Construction

Viking Lid-Ease Strainers are high-quality, easy-to-clean line strainers that are designed for applications in the chemical, petrochemical and most general fluid-flow industries. These single, or "simplex" style, strainers are offered with tapped, flanged or grooved porting and are available for ¾, 1, 1¼, 1½, 2, 3, 4, 6 and 8 inch piping.

The basket and screen (available in 10, 20, 40, 60, 80 or 100 mesh) are constructed of stainless steel. Nominal capacities range from 20 to 1,500 GPM with a rated pressure of up to 200 PSI.

Strainer bodies and lids are presently available in cast iron, ductile iron, aluminum 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. See www.vikingpump.com for a strainer selection program that provides pressure drop for your specific viscosity.

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.

Their 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.



PERFORMANCE									
	Size	Standard Port		Nominal Capacity		Rated System Pressure		Maximum Basket Differential Pressure	
		Type*	Inches	M³/Hr	GPM	BAR	PSI	BAR	PSI
ALUM.	F-1020	G, T	2	23	100	14	200	10	150
	F-1030	F, G, T	3	45	200	8.5	125	8.5	125
	F-1040	F, G	4	91	400				
CAST IRON	F-1007	T	¾	5	20	14	200	10	150
	F-1010	T	1	7	30				
	F-1013	T	1-¼	9	40				
	F-1015	T	1-½	11	50				
	F-1020	F, T	2	23	100				
	F-1030	F, T	3	45	200	8.5	125	8.5	125
	F-1040	F	4	91	400			5	75
	F-1060	F	6	182	800			3.4	50
	F-1080	F	8	340	1,500				
DUCTILE	F-1020	F	2	23	100	14	200	10	150
	F-1030	F	3	45	200	8.5	125	8.5	125
	F-1040	F	4	91	400				
	F-1060	F	6	182	800			5	75
STAINLESS STEEL	F-1007	T	¾	5	20	14	200	10	150
	F-1010	T	1	7	30				
	F-1013	T	1-¼	9	40				
	F-1015	T	1-½	11	50				
	F-1020	F, G, T	2	23	100				
	F-1030	F, G	3	45	200	8.5	125	8.5	125
	F-1040	F, G	4	91	400				
	F-1060	F	6	182	800	8.5	125	5	75

*Port Type Options:

F = Flanged G = Grooved T = Tapped (NPT or BSP)

MESH	NO MESH	10	20	40	60	80	100
OPENING (INCHES)	.156 (¾" - 1½") .188 (2" - 8")	.075	.034	.015	.009	.007	.0055
OPENING (MICRONS)	3962 (¾" - 1½") 4775 (2" - 8")	1,910	860	380	230	190	140

For more information, contact your local Authorized Viking Pump Distributor or contact Viking at:

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