

# JSK - Scotchkote™ Separator

Internally Coated for Corrosive & Potable Applications



Two JSK Separators installed at a desalination plant

Flow Range  
**16 - 12,750 US gpm**

Max. Standard Pressure  
**150 psi**

Max. Standard Temp.  
**140° F (60° C)\***

Pressure Loss @ Rated Flow  
**3 - 12 psid**

## JSK Features and Benefits

- **Superior Protection:** Internally coated with 3M™ Scotchkote™ 134, a one-part heat curable epoxy coating that provides superior protection against corrosive liquids such as sea water. Providing the longevity of Stainless but in a carbon steel body.
- **Premium Filtration:** LAKOS advanced and patented designs remove sand, grit, and other solids from the source of process liquid systems, removing up to 98% of particles 74 microns (2.4 SG) and larger.
- **Potable Water Certified:** Scotchkote™ is an NSF/ANSI/CAN 61 Drinking Water Safe certified product. To view more about the NSF rating visit: [info.nsf.org](http://info.nsf.org)
- **No Maintenance Filtration:** JSK Separators use centrifugal action to remove sand, grit, and other solids from process liquids. There are no screens, moving parts, or discs, to replace and maintain.

\*Scotchkote™ 134 maximum temperature 180°F (82°C). For NSF-61 rating, maximum temperature is limited to 140°F (60°C). For higher temperatures, contact LAKOS. JSK Separators do not include pressure gauge ports due to internal coating. Pressure gauges are required on inlet and outlet spools/piping.

**3M** Science.  
Applied to Life.™

Scotchkote™ 134 is resistant to wastewater, corrosive soils, hydrocarbons, harsh chemicals, and sea water. It is commonly used in municipal water projects, protecting potable water infrastructure, sea water intakes, and ancillary equipment protection.



LAKOS JSK Separator with Internal Scotchkote™ 134 Coating

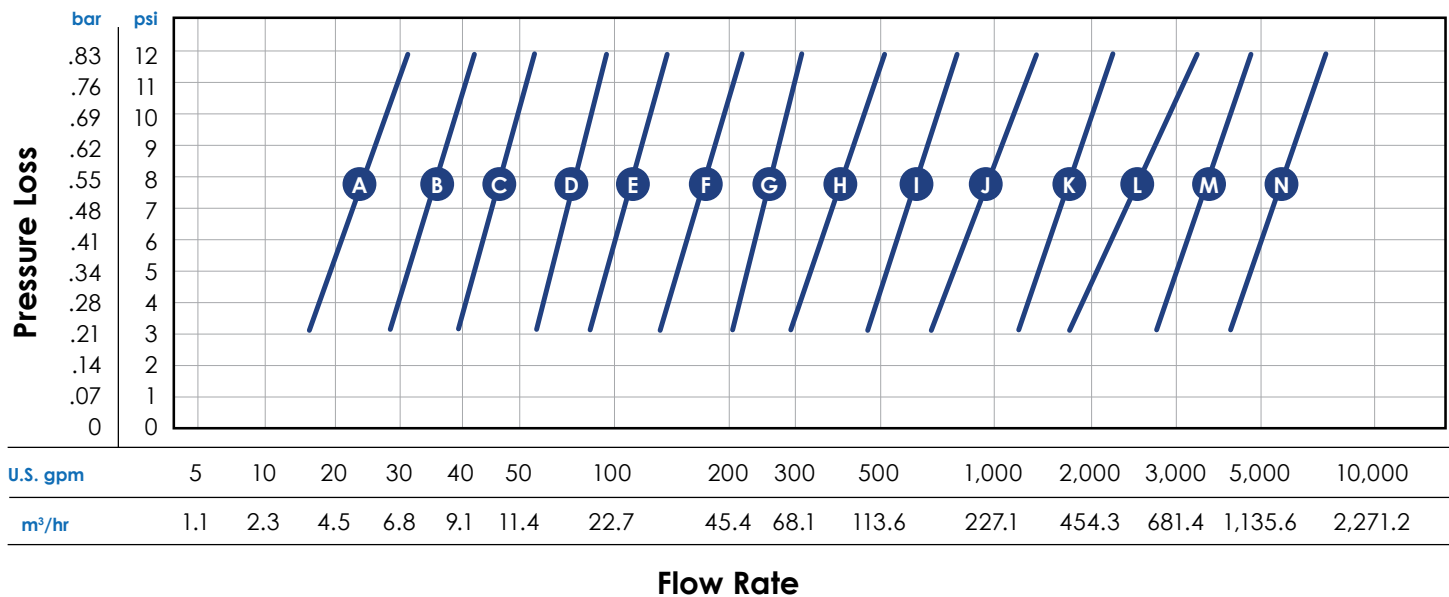
## JSK Available Options:

- Annular Transfer Ring (ATR)
- ASME Code Option
- Bi-Sep & Tri-Sep
- Custom Flanges
- High Pressure
- High Temperature

## SPECIFICATIONS

Model	Flow Range		Inlet/Outlet	Purge Size FLG	Solids Collection Capacity	
	US gpm	m <sup>3</sup> /hr			gal	liters
<b>A</b> JSK-0016	16 – 30	4 – 7	1"	1"	0.15	0.60
<b>B</b> JSK-0028	28 – 45	7 – 10	1-1/4"	1-1/2"	0.15	0.60
<b>C</b> JSK-0038	38 – 65	9 – 15	1-1/2"	1-1/2"	0.40	1.50
<b>D</b> JSK-0060	60 – 100	14 – 23	2"	1-1/2"	0.80	3.00
<b>E</b> JSK-0085	85 – 145	19 – 33	2-1/2"	1-1/2"	0.80	3.00
<b>F</b> JSK-0130	130 – 225	30 – 51	3"	1-1/2"	0.80	3.00
<b>G</b> JSK-0200	200 – 325	45 – 74	4"	1-1/2"	4.40	16.70
<b>H</b> JSK-0285	285 – 525	65 – 120	4"	1-1/2"	5.40	20.50
<b>I</b> JSK-0450	450 – 825	102 – 187	6"	1-1/2"	6.70	25.40
<b>J</b> JSK-0650	650 – 1,200	150 – 275	6"	1-1/2"	10.40	39.40
<b>K</b> JSK-1160	1,160 – 2,150	265 – 490	8"	1-1/2"	20.50	77.60
<b>L</b> JSK-1850	1,850 – 3,400	420 – 775	10"	2"	31.50	119.20
<b>M</b> JSK-2650	2,650 – 4,900	600 – 1,115	12"	2"	51.10	193.40
<b>N</b> JSK-4200	4,200 – 7,800	950 – 1,775	16"	3"	Consult Factory	Consult Factory

## FLOW VS. PRESSURE LOSS CHART



LAKOS, headquartered in Fresno California since 1972, is recognized worldwide for engineering, manufacturing and marketing the original centrifugal action solids from liquids separator and being the world-wide leader in cyclonic separation technology.

LAKOS Separators are manufactured in the USA. 

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