

Jonell, INC

JS Series Liquid Separator Elements

Jonell JS Series Industrial Separator Elements incorporate silicone treated cellulose to produce a hydrophobic media that repels water that may have carried over from the coalescing phase. Due to the filtration level achieved in the coalescer stage, they rarely foul with solids and typically require changing only every second or third coalescer change to a maximum service life of one year.



Specifications

Clean DP	< 1 PSID
Final DP	8 PSID
Collapse DP	75 PSID
Max. Temperature	300°F
Micron Rating	90% @ 5
pH Range	5-9
Media	Silicone Impregnated Cellulose
Metal	Plated Carbon Steel
Gasket	Buna, EPR, Viton

JST Teflon® Coated Separator Elements

Jonell JST Series Industrial Separator Elements are constructed of Teflon® coated stainless steel screen creating a hydrophobic surface, repelling water that may have carried over from the coalescing phase. Due to the filtration level achieved in the coalescer stage, they rarely foul with solids and are practically a permanent solution to post coalescer separation.



Specifications

Clean DP	< 1 PSID
Final DP	8 PSID
Collapse DP	75 PSID
Max. Temperature	300°F
Micron Rating	200 Mesh
pH Range	1—14
Media	Teflon® Coated Stainless Steel
Metal	Aluminum
Gasket	Buna, EPR, Viton

Dimensions/Configuration

Model	Dimensions	Model	Dimensions
JS-11	6"OD x 3.5"ID x 11.25"L	JST-611	6"OD x 3.5"ID x 11.25"L
JS-13	6"OD x 3.5"ID x 14.5"L	JST-614	6"OD x 3.5"ID x 14.5"L
JS-15	6"OD x 3.5"ID x 16.5"L	JST-622	6"OD x 3.5"ID x 22.5"L
JS-16	6"OD x 3.5"ID x 14.25"L	JST-633	6"OD x 3.5"ID x 33.25"L
JS-18	6"OD x 3.5"ID x 28.25"L	JST-636	6"OD x 3.5"ID x 36"L
JS-22	6"OD x 3.5"ID x 22.25"L	JST-644	6"OD x 3.5"ID x 44"L

Jonell Liquid Wafer Packs



Specifications

Media	JEX	JFG	JSS
Solids Removal	50 μ	5 μ	20 μ
Initial DP	< 1 PSID	< 2 PSID	< 1 PSID
Final DP	8 PSID	8 PSID	8 PSID
Max Temperature	250°F	300°F	600°F
Effluent Residual	35 - 50 ppm	15 - 20 ppm	< 20 ppm

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JC Series Liquid Coalescers

Jonell Liquid Phase Coalescer Elements provide mechanical separation of hydrocarbon streams with light water contamination. Selection should be based on 0.1% continuous and intermittent peaks as high as 3%. They are also highly efficient particulate filters and should be protected by an upstream pre-filter whenever significant particulate loading is present. The JCP Series incorporates a pleated prefilter section on the upstream side of the coalescing media to extend the effective operating life. Both types are industrial grade coalescer elements.

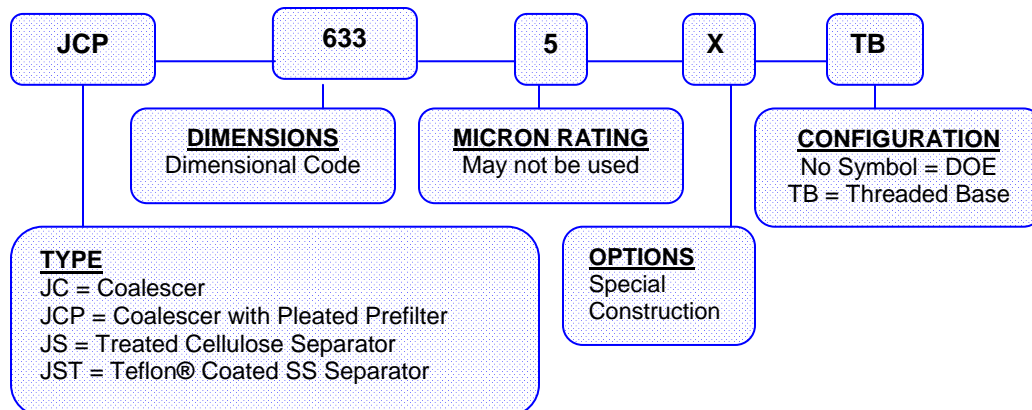
Specifications

Clean DP	< 2 PSID
Final DP	8 PSID
Collapse DP	Up to 75 PSID
Max. Temperature	300°F
Available Micron Ratings @ 98%	0.5, 1, 5, 10, 25
pH Range	5-9
Media	Glass Fiber
Metal	Plated Carbon Steel
Gasket	Buna, EPR, Viton
Wrap	Cotton, Orlon

Dimensions/Efficiency/Flow

Model	Direction of Flow	Dimensions	Net Surface Area	Effluent Residual
JC-10	Inside/Out	6"OD x 3.5"ID x 11.25"L	.94 Sq-Ft	10 ppm
JC-12	Inside/Out	6"OD x 3.5"ID x 22.25"L	1.85 Sq-Ft	10 ppm
JC-14	Inside/Out	6"OD x 3.5"ID x 33.25"L	2.77 Sq-Ft	10 ppm
JC-16	Inside/Out	6"OD x 3.5"ID x 14.25"L	1.19 Sq-Ft	10 ppm
JC-18	Inside/Out	6"OD x 3.5"ID x 28.25"L	2.35 Sq-Ft	10 ppm
JC-22	Outside/In	6"OD x 3.5"ID x 22.25"L	2.91 Sq-Ft	15-20 ppm
			Prefilter/Coalescer	
JCP-611	Inside/Out	6"OD x 3.5"ID x 11.25"	3.9 sq ft / 1.09 sq ft	10 ppm
JCP-614	Inside/Out	6"OD x 3.5"ID x 14.5"	5.03 sq ft / 1.41 sq ft	10 ppm
JCP-622	Inside/Out	6"OD x 3.5"ID x 22.25"	7.73 sq ft / 2.16 sq ft	10 ppm
JCP-628	Inside/Out	6"OD x 3.5"ID x 33.25"	8.76 sq ft / 2.75 sq ft	10 ppm
JCP-633	Inside/Out	6"OD x 3.5"ID x 33.25"	11.55 sq ft / 3.23 sq ft	10 ppm
JCP-636	Inside/Out	6"OD x 3.5"ID x 36"	12.5 sq ft / 3.5 sq ft	10 ppm
JCP-644	Inside/Out	6"OD x 3.5"ID x 44"	15.8 sq ft / 4.28 sq ft	10 ppm
JCP-656	Inside/Out	6"OD x 3.5"ID x 56"	19.45 sq ft / 5.44 sq ft	10 ppm

Liquid Coalescing & Separation Nomenclature



Jonell, INC

Breckenridge, Texas

Tel : 254-559-7591

Fax : 254-559-9863

www.jonellinc.com