Dairy JX Series

FACT SHEET

Microfiltration – clarification and fat removal

The Dairy JX microfiltration elements are characterized by a nominal pore size of 0.3micron and are low fouling when oils and grease are present. These elements are used for the removal of fat and colloidal impurities in food process streams and are often used in cheese brine clarification.

These elements feature a Durasan* Cage patented outer wrap, a selection of feed spacers, and polysulfone parts.

Table 1: Element Specification

Membrane	J-Series, Polyvinylidene Fluoride

Model	Spacer mil (mm)	Active area ft^2 (m^2)	Outer wrap	Part number
DAIRY JX3840C50	50 (1.27)	55 (5.1)	Cage	1207259
DAIRY JX6338C50	50 (1.27)	168 (15.6)	Cage	1207269

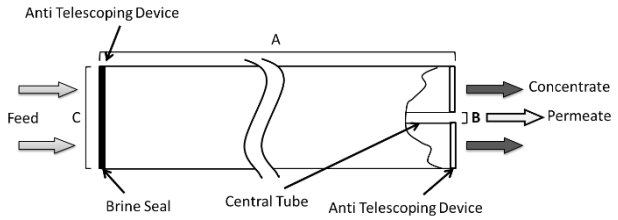

Figure 1: Element Dimensions Diagram

Table 2: Dimensions and Weight

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Table 2: Dimensions and Weight

Model	Dimensions, inches (cm)			Boxed Weight lbs. (kg)
	A	B	C	
DAIRY JX3840C50	38.75 (98.4)	0.833 (2.12)	3.79 (9.6)	7 (3.2)
DAIRY JX6338C50	38.0 (96.5)	1.138 (2.89)	6.34 (16.1)	18 (8.2)

Table 3: Operating and CIP parameters

Typical Operating Pressure	40-100psi (275-689kPa)
Typical Operating Flux	5-20 GFD (8-34 LMH)
Maximum Operating Pressure	100psi (700kPa)
Maximum Temperature	Continuous Operation: 122°F (50°C) Clean-In-Place (CIP): 122°F (50°C)
pH Range	Continuous Operation: 2.0-10.0 Clean-In-Place (CIP): 1.0-11.5
Maximum Pressure Drop	Over an element: 15psi (103kPa) Per housing: 60psi (414kPa)
Chlorine Tolerance	5,000+ ppm-days