

# KMTC-J-PU-0312



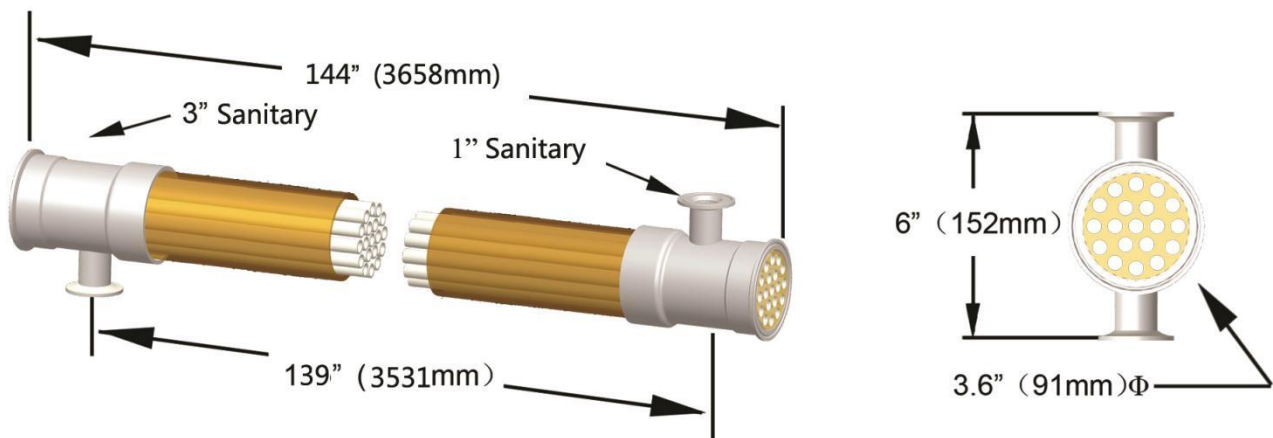
## UF & MF for Juice Clarification

<b>Product Description</b>	<b>Chemical Composition:</b> Modified PVDF
	<b>Membrane Type:</b> UF or MF
	<b>Module Structure:</b> PSF housing, 19 pcs membrane tubes with 1/2 inch diameter
	<b>Application:</b> Juice, clarification
<b>Alternatives:</b> UF-100C for light color juice; MF-500C for deep color juice	

Product Details	KPN	Module Model	Element Model	Membrane Area	
				ft <sup>2</sup>	m <sup>2</sup>
	5130006	KMTC-J-PU-0312	UF-F100C	28	2.6
	5130007	KMTC-J-PU-0312	MF-F500C	28	2.6

<b>Operating &amp; Design Information</b>	Max operation pressure:	6.2bar@49°C
	Min concentrate outlet pressure:	0.7bar
	Max pressure on permeate side:	0.2bar
	Pressure decay inside each membrane:	0.27-0.35bar
	Max pressure decay inside each membrane:	0.35bar @ 49 °C
	Max operation temperature @ pH8:	continuous 49°C short term 54°C
	pH scope @ 49°C:	continuous 2-10 short term 1.5-10.5
	Max allowed total chlorine (cleaning):	200ppm @ pH10-10.5, 49 °C

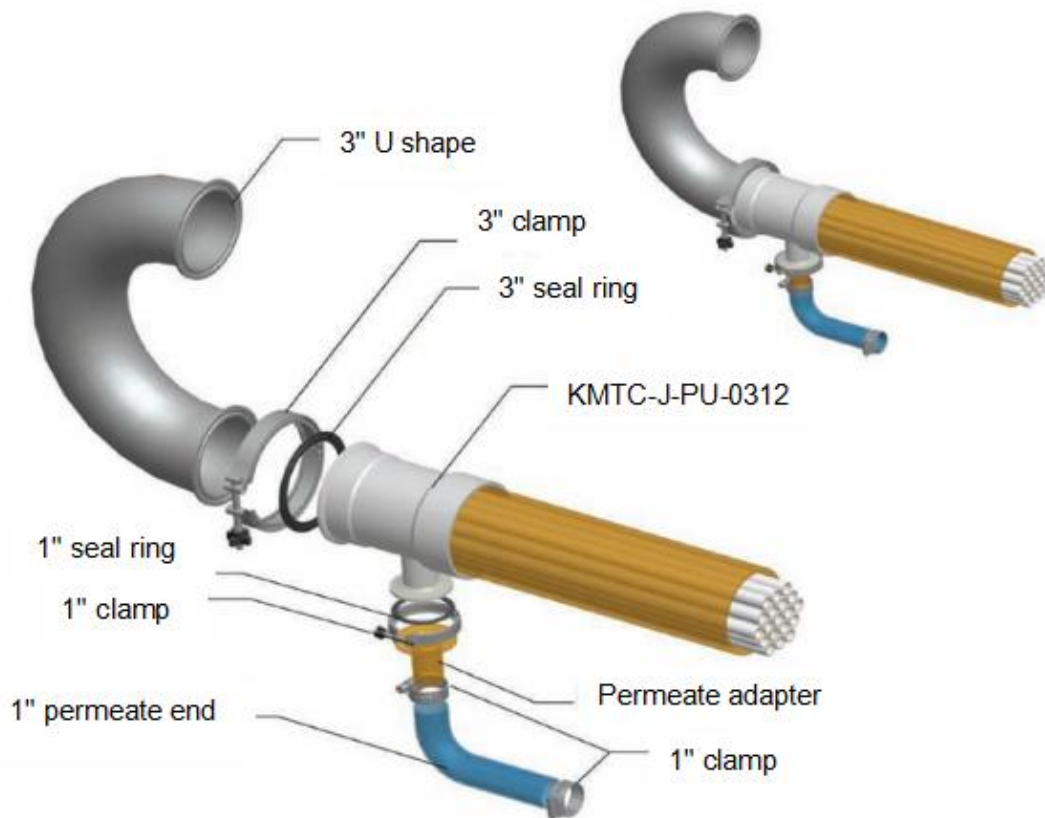
### Standard Dimension



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## UF & MF for Juice Clarification



- Quality for cleaning water and dialysis water  
Max water-in turbidity: 1 NTU
- Ability of chlorine-resistance and chemicals  
Membrane is able to resist 200 ppm chlorine when pH is  $\geq 10$ , but membrane performance will be affected if contacting high concentration chlorine or low pH.

*Kaimi acquires rich experiences in membrane application aspect, and is willing to provide services both at setting up new membrane application line and improving old membrane systems. More details, please contact us.*

*The above data information is real and reliable, but which not means much more quality guaranty from us. Kaimi won't take any responsibilities for any bad data results in membrane application. About more product quality guaranty, please review formal sales provisions and quality guaranty documents.*

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