



# Sanitary Design Questionnaire

## APV Paraflow Plate Heat Exchangers

To obtain a quotation, please provide as much detail as possible and e-mail to [phequotes@apv.com](mailto:phequotes@apv.com) or fax to 716-692-0130.

CONTACT INFORMATION			
Date:	Your Reference:		
Company:	Title:		
Address:	Phone:		
City:	Fax:		
State, Zip:	Email:		
APPLICATION DETAILS			
Type of Quote:	<input type="checkbox"/> Firm	<input type="checkbox"/> Budget	<input type="checkbox"/> Magnitude of Cost
Quote Due Date: _____	Approximate Install Date: _____		
Application:	<input type="checkbox"/> New unit	<input type="checkbox"/> Re-stream of existing unit - Work Order (Serial) No. _____	
Process:	<input type="checkbox"/> Heater	<input type="checkbox"/> Cooler	<input type="checkbox"/> HTST <input type="checkbox"/> Hot Fill <input type="checkbox"/> UHT <input type="checkbox"/> Other _____
If HTST, is this a PMO legal system:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Product Details: <input type="checkbox"/> Use product info below <input type="checkbox"/> Will send 1 quart sample
Desired run time between CIP: _____	Est. number of hours of operation: _____		
PRODUCT INFORMATION	Product 1	Product 2	Product 3
Name of Product			
Rate of Flow lbs/hr			
Flow fluctuations, list min. & max. flow rates			
Inlet Temperatures °F			
Pasteurization Temperature °F			
Outlet Temperature °F			
Maximum Permissible Pressure Drop PSI			
Maximum Working Pressure PSI			
Specific Gravity			
Specific Heat at Mean Temperature			
Thermal Conductivity at mean Temperature			
Viscosity & Shear Rate at Inlet Temp (cps)/(1/sec <sup>-1</sup> )			
Viscosity & Shear Rate at Outlet Temp (cps)/(1/sec <sup>-1</sup> )			
Percent of Undissolved Solids			
Nature of Solids (i.e. fibrous, powder, size)			
SERVICE INFORMATION	Service 1	Service 2	Service 3
Name of Service Fluid			
Service Inlet Temperature °F			
Operating Pressure PSI			
Maximum Permissible Pressure Drop PSI			
CONSTRUCTION DETAILS			
Preferred Plate Material:	<input type="checkbox"/> 304 SS	<input type="checkbox"/> 316 SS	<input type="checkbox"/> Titanium <input type="checkbox"/> Other -
Frame Material:	<input type="checkbox"/> Carbon Steel	<input type="checkbox"/> Stainless Steel	Frame Type: <input type="checkbox"/> Tie Bar <input type="checkbox"/> Spindle <input type="checkbox"/> Hydraulic
Comments:			

APV, An SPX Brand, 105 CrossPoint Parkway, Getzville, NY 14068  
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For more information about our worldwide locations, approvals, certifications, and local representatives, please visit [www.apv.com](http://www.apv.com).  
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