



STEAM JET VACUUM SYSTEMS SPECIFICATIONS

Contact		Phone	
Company		Fax	
Street Address		Email	
City		Cust Ref	
State, Zip		Due Date	

Suction Conditions:						
Mass Flow and Properties of each component (100% flow)						
No	Name	Flow (#/hr)	M.W.	Vapor Press. / Temp. Pairs (mmHgA & °F)	Latent Heat (BTU/lb)	Vapor Cp (BTU/lb °F)
1	Air		29
2	Water Vapor		18
3				/ ; /		
4				/ ; /		
Suction Pressure (mmHgA)						
Suction Temperature (°F)						
Evacuation Performance (if applicable):						
Evacuation: Initial Pressure (mmHgA)				Initial Temperature (°F)		
Volume to be evacuated (cu ft)				Final Pressure (mmHgA)		
Time for evacuation (min)				Air-in Leakage (#/hr)		

Discharge Conditions:	
Maximum Discharge Pressure (mmHgA)	
Maximum Allowable Discharge Temp (°F)	
Normal Barometric Pressure (mmHgA)	

Utility Conditions:			
Steam:			
Min. Maintainable Supply Pressure (PSIG)		Temperature (°F)	
Max. Supply Pressure (PSIG)		Temperature (°F)	
Cooling Water:			
Max. Supply Temperature (°F)		Max Δ T Allowed (°F)	
Supply Pressure (PSIG)		Max Δ P Allowed (PSI)	
Min/Max Flow Available (GPM)	/		



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Construction (Materials unless otherwise noted)				
Ejectors:				
Steam Nozzle:		Steam Chest:		
Diffuser:		Suction Chamber:		
Steam Chest Design Pressure (PSIG):		Temperature (°F):		
Body Design Pressure (PSIG):		Temperature (°F):		
Condensers:		<input type="checkbox"/> Shell & Tube, or,	<input type="checkbox"/> Barometric (Direct Contact)	
Shell:		Baffles:		Bonnets/Channels:
Tubesheets:		Tubes:		Tube OD/BWG:
Design Press./Temp (psig/°F)		Shell Side	/	Tube Side
Fouling Factor (hr ft ² °F/Btu)		Shell Side		Tube Side
TEMA	<input type="checkbox"/> C	<input type="checkbox"/> B or	<input type="checkbox"/> R	TEMA Type
ASME Code	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Stamp	Yes <input type="checkbox"/> No <input type="checkbox"/>
Condensing In:	<input type="checkbox"/> Shellside or <input type="checkbox"/> Tubeside		Orientation	<input type="checkbox"/> Horizontal or <input type="checkbox"/> Vertical

Accessories and Other Requirements

REMARKS:

Return this completed form via: Email: applicationengineering@graham-mfg.com or fax or mail to: