



Arad Tajhiz

Vacuum and Acoustic Technology

Steam Jet Vacuum System Specification Sheet

Please provide the requested information and fax to ARAD TAJHIZ CO. at 031-36642680

Company name:

Email:

Contact:

Phone number:

Fax number:

Address:

| Suction Conditions | | | |
|---|-----------|---------------------------|------|
| Mass Flow and Properties of each Component (100% Flow) | | | |
| No. | Component | Flow Rate | M.W. |
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| Suction Pressure: | | | |
| Suction Temperature: | | | |
| Evacuation (if required) | | | |
| Initial Pressure: | | Final Pressure | |
| Initial Temperature: | | Time for Evacuation | |
| Volume to be Evacuated: | | Air-in Leakage (if known) | |

| Discharge Conditions | |
|-----------------------------|--|
| Max . Vent Pressure: | |
| Max . Allowable Vent Temp.: | |
| Normal Barometric Pressure: | |
| Installation Location: | |

| System Requirements | | |
|----------------------|--|--|
| Number of Stages | | <input type="checkbox"/> Vendor to Determine |
| Operation Frequency | <input type="checkbox"/> Continuous <input type="checkbox"/> IntermittentTime | |
| Condenser Type | <input type="checkbox"/> Shell and Tube <input type="checkbox"/> Direct Contact (Barometric) | |
| Scope of Supply | <input type="checkbox"/> Component <input type="checkbox"/> Package System | |
| Package Requirements | <input type="checkbox"/> Base Plate <input type="checkbox"/> Steam Piping <input type="checkbox"/> Vapor Piping <input type="checkbox"/> Cooling Water Piping | |
| Valves | <input type="checkbox"/> Manual <input type="checkbox"/> Automated | |
| Gauges | <input type="checkbox"/> Pressure <input type="checkbox"/> Vacuum <input type="checkbox"/> Temp. | |

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| | | |
|-----------------------|---------------------------------------|--|
| Steam: | Min Maintainable Supply Press. | Temp.: |
| | Max Supply Pressure: | Temp.: |
| Cooling Water: | Max supply Temp.: | Max ΔT Allowed |
| | Supply Press.: | Max ΔP Allowed |
| | Min/Max Flow Available: | |

| Construction | | | | |
|-----------------------|--|--|---|--|
| Ejectors: | Nozzles : | | Steam Chest: | |
| | Diffuser | | Suction Chamber: | |
| Condenser | Condenser Type | <input type="checkbox"/> Shell and Tube | <input type="checkbox"/> Direct Contact (Barometric) Material: body: nozzle:..... | |
| | Material: | Shell Internal (s) Channel(s) | | |
| | All SST | |DIA | |
| | All Steel | Tube Sheets..... | Tubes.....GA | |
| | TEMA Type | <input type="checkbox"/> C | <input type="checkbox"/> B | <input type="checkbox"/> R |
| | ASME Code Construction | <input type="checkbox"/> Yes <input type="checkbox"/> No | Stamp | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | Design | Shell side | Tube Side | |
| | Press./Temp.: |/..... |/..... | |
| | Fouling Factor | Shell Side..... | Tube Side..... | |
| Condensing in: | <input type="checkbox"/> Shell side <input type="checkbox"/> Tube side | Orientation <input type="checkbox"/> Vertical <input type="checkbox"/> Horizontal | | |