

PRESSURE MOTIVE CONDENSATE PUMPS



Apex Industrial Solutions, Inc.
 113 Chelsea Rd, Monticello, MN 55362
 763-777-9525
 Sales@ApexSolutionsMN.com
 www.ApexSolutionsMN.com

CUSTOMER		DATE	
PHONE #		EMAIL	
COMPANY		PLANT LOCATION	
PROJECT			

Type	<input type="checkbox"/> Open Loop (Vented) System Using Pumps*	<input type="checkbox"/> Closed Loop System Using Pump Traps**
-------------	---	--

**Open Loop is typically used for recovering condensate from MULTIPLE sources (more than one) and to allow pressure equalization.
 ** Closed Loop is optimized for recovering condensate from a SINGLE heat transfer device with modulating control and elevated return*

IF OPEN LOOP SYSTEM

Incoming Condensate Pressure	PSIG	Height to Condensate Inlet	"
Motive Steam Pressure Available	PSIG	Total Condensate Load	lbs/hr

IF OPEN LOOP SYSTEM

Steam Pressure Before Control Valve	PSIG	Height to Bottom of Process Equipment	"
Motive Steam Pressure Available	PSIG	Total Condensate Load	lbs/hr

CONDENSATE RETURN DETAILS

Return Line Pressure	PSIG	Return Line Height (Lift)	"
Dimensional Limitations (If Any)			

PUMP

Pump Materials	<input type="checkbox"/> Ductile Iron (STD)	<input type="checkbox"/> Steel	<input type="checkbox"/> SST
Options	<input type="checkbox"/> ASME Code Stamp	<input type="checkbox"/> None (STD)	<input type="checkbox"/> Other

RECEIVER

Receiver Materials	<input type="checkbox"/> Steel (STD)	<input type="checkbox"/> SST	<input type="checkbox"/> Other
Options	<input type="checkbox"/> ASME Code Stamp	<input type="checkbox"/> None (STD)	<input type="checkbox"/> Other

PIPE AUX

Pipe Aux Materials	<input type="checkbox"/> Iron (STD)	<input type="checkbox"/> Steel	<input type="checkbox"/> SST
Options	<input type="checkbox"/> Pressure Rating	<input type="checkbox"/> 150# (STD)	<input type="checkbox"/> Other

BASE/FRAME

Base/Frame Materials	<input type="checkbox"/> Steel (STD)	<input type="checkbox"/> SST	<input type="checkbox"/> Other
----------------------	--------------------------------------	------------------------------	--------------------------------

SPECIAL PIPE SPECIFICATIONS

Pipe Schedule		Connection Type	
Pressure Class		Piping	

• **Notes:**

CUSTOMER PRINTED NAME

CUSTOMER SIGNATURE

INSTANTANEOUS AND SEMI-INSTANTANEOUS HOT WATER HEATERS

TESTING & NDE (NON-DESTRUCTION EXAMINATION)

Type	<input type="checkbox"/> Visual Inspection with Leak Test (Standard)	<input type="checkbox"/> Hydro Testing	<input type="checkbox"/> Other
------	--	--	--------------------------------

SIZE, HANDLING, AND SHIPPING

Size Requirements	"L	"W	"H
Painting	<input type="checkbox"/> Standard	<input type="checkbox"/> Other	

MATERIALS OF CONSTRUCTION AND CLASS

Water Side Piping	<input type="checkbox"/> 316SS w/ SW Connection and 150# FLG End Connections	<input type="checkbox"/> Other
Steam & Condensate Side Piping	<input type="checkbox"/> Steel Pipe and 150# Iron Fittings w/ NPT Connections	<input type="checkbox"/> Other
Piping Schedule	<input type="checkbox"/> 40	<input type="checkbox"/> Other

SPECIAL REQUIREMENTS

Piping	Fittings
Dual Rated ASME/ASTM	Bolting/Gasket Material
Special Welding Required	Other

CODE OF CONSTRUCTION

Vessels (Check All That Apply)	<input type="checkbox"/> None	<input type="checkbox"/> ASME Code Stamp	<input type="checkbox"/> CRN (Canada)	<input type="checkbox"/> Other
Piping (Check One)	<input type="checkbox"/> ASME B31.9 (Standard)	<input type="checkbox"/> Other	<input type="checkbox"/> Special Certifications	