

Jet Pump Application Sheet PUMPING & HEATING IN-LINE

Customer : _____ Address: _____ Zip: _____
 City: _____ Contact: _____
 Phone: (_____) _____ Fax: (_____) _____

MOTIVE

LIQUID	OR	GAS / STEAM	
FLUID** _____		FLUID** _____	
PRESS** _____ PSIG		PRESS** _____ PSIG	
FLOW RATE** _____ GPM		FLOW RATE** _____ SCFM	
SPEC GRAV _____		MOL WEIGHT _____	
TEMP _____ °F		TEMP _____ °F	
VAPOR PRESS _____ PSIA		VAPOR PRESS _____ PSIA	
VISCOSITY _____ CP		DENSITY _____ # / CUFT	
		HEATING IN-LINE	LIQUID / SOLID
	
			GASES
		

DISCHARGE	
DOWNSTREAM HEAD:	
_____ FT H ₂ O	_____ PSIG
FLOW RATE _____ GPM	
_____ SCFM	
TEMP _____ °F	

** Denotes information that must be supplied to size the application

Maximum pressure for a standard cast unit is 200 psig.

Motive pressure must always be greater than suction pressure for non-heating applications.

All pressures are assumed to be present at the jet pump connections.

Be sure to allow for friction loss in the piping [ie. fittings and vertical rises].

SATURATED STEAM		
PRESSURE _____ PSIG	FLUID** _____	FLUID** _____
FLOW RATE _____ # / HR	PRESSURE** _____ PSIG	PRESSURE _____ IN Hg ABS
TEMP _____ °F	LIFT** _____ FT H ₂ O	EXHAUST CONTINUOUS FLOW
	FLOW RATE** _____ GPM	FLOW RATE _____ # / HR
	TEMP _____ °F	
	SPEC GRAV _____	EVACUATE SEALED VESSEL
	VISCOSITY _____ CP	TIME TO EVAC _____ MIN
	VAPOR PRESS _____ PSIA	VOLUME _____ CUFT
		VACUUM _____ IN Hg ABS
	ADD INFO FOR SOLIDS	DENSITY _____ # / CUFT
	HOPPER? <input type="checkbox"/> YES <input type="checkbox"/> NO	TEMP _____ °F
	DENSITY _____ # / CUFT	MOLECULAR WEIGHT _____
	PARTICLE SIZE _____	COND _____ NON _____
	RATE: _____ CFM	CONDENSE _____ %
		NON-CONDENSE _____ %
	TYPICAL UNITS [LIQUIDS]	TYPICAL UNITS [LIQUIDS]
	LL, LM, LH, FD, 62DP	LL, ELL, FL
	TYPICAL UNITS [GAS / STEAM]	TYPICAL UNITS [GAS / STEAM]
	GL, GH	GL GH U L 2NC