

Penberthy Jet Application Sheet

PUMPING & HEATING IN-LINE

Distributor : _____ City: _____ State: _____

Customer: _____ Contact: _____

Phone: (____) _____ Fax: (____) _____

MOTIVE

LIQUID
FLUID** _____
PRESS** _____ PSIG
FLOW RATE** _____ GPM
SPEC GRAV _____
TEMP _____ °F
VAPOR PRESS _____ PSIA
VISCOSITY _____ CP

OR

GAS / STEAM
FLUID** _____
PRESS** _____ PSIG
FLOW RATE** _____ SCFM
MOL WEIGHT _____
TEMP _____ °F
VAPOR PRESS _____ PSIA
DENSITY _____ # / CUFT

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

HEATING IN-LINE
BULLETIN 1400

LIQUID / SOLID
BULLETIN 1200

GASES
BULLETIN 1300

** 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
FLOW RATE _____ # / HR
TEMP _____ °F
TYPICAL UNITS HLM, SRH, ELL, FHS

FLUID** _____
PRESSURE** _____ PSIG
LIFT** _____ FT H ₂ O
FLOW RATE** _____ GPM
TEMP _____ °F
SPEC GRAV _____
VISCOSITY _____ CP
VAPOR PRESS _____ PSIA
ADD INFO FOR SOLIDS
HOPPER? ____ YES ____ NO
DENSITY _____ # / CUFT
PARTICLE SIZE _____
RATE: _____ CFM
TYPICAL UNITS [LIQUIDS] LL, LM, LH, FD, 62DP
TYPICAL UNITS [GAS / STEAM] GL, GH

FLUID** _____
PRESSURE _____ IN Hg ABS
EXHAUST CONTINUOUS FLOW
FLOW RATE _____ # / HR
EVACUATE SEALED VESSEL
TIME TO EVAC _____ MIN
VOLUME _____ CUFT
VACUUM _____ IN Hg ABS
DENSITY _____ # / CUFT
TEMP _____ °F
MOLECULAR WEIGHT _____
COND _____ NON _____
CONDENSE _____ %
NON-CONDENSE _____ %
TYPICAL UNITS [LIQUIDS] LL, ELL, FL
TYPICAL UNITS [GAS / STEAM] GL, GH, HLM, SRH, ELL, FHS

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