

# Jet Application Sheet PUMPING & HEATING IN-LINE

Distributor : \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_

Customer: \_\_\_\_\_ Contact: \_\_\_\_\_

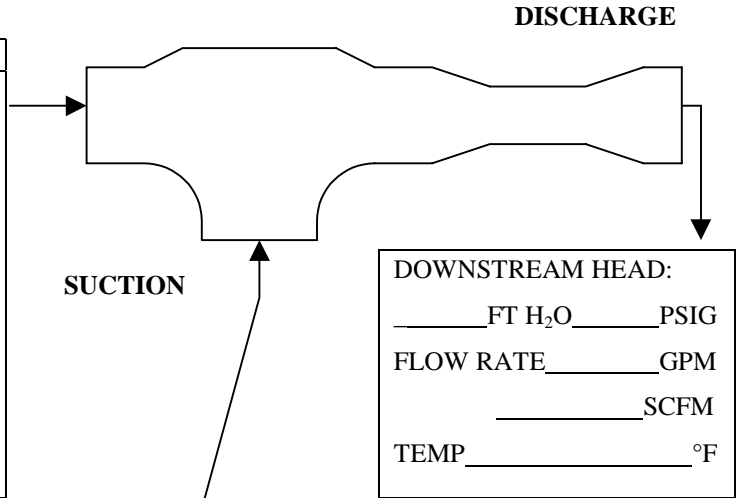
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_ Fax: ( \_\_\_\_\_ ) \_\_\_\_\_

## 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



**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 <sub>2</sub> 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 CONTINOUS 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