

ITT

Wastewater

Pump Selection Check List

PUMP SIZING

Gallons Per Minute Required: _____

1 bath = 20 GPM

2 bath = 30 GPM

3 bath = 40 GPM

More than 3 bath = 45 GPM

For Commercial Buildings, see chart in Technical Data Manual.

Total Dynamic Head in feet: _____

Vertical lift in feet: _____

(Highest elevation – lowest elevation)

Friction loss in feet: _____

(Total pipe and fittings – 100 foot loss (FL) factor. Reference friction loss chart in Technical Data Section for appropriate pipe size.)

Pressure in feet (for Pressure Sewer system): _____

(Pressure in feet = 2.31 x pressure in PSI)

Solids Handling needed: _____

(Pump must be able to handle solid size and pipe must be sized to pass solid size.)

Discharge size of pump needed: _____

(Size of pipe must be at least discharge pump size or larger.)

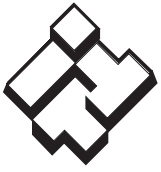
Electrical Requirements:

Phase: 1 or 3

Voltage: 115 200 208 230 460 575

Reference pump bulletin for appropriate pump model: _____

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