



STEAM TO STEAM GUIDELINES

Sizing Steam to Steam Indirect Generators

When sizing indirect steam to steam units take the following into account:

1. There is always a minimum 30 PSI pressure drop between incoming plant steam pressure and the maximum possible output clean steam pressure.
2. Incoming plant steam volume should be approximately 150% greater than the expected clean steam output volume, (based on 100 PSIG plant steam supply).
3. All steam outputs are listed in terms of gross output, (i.e., they are based on a boiler using 212 degree Fahrenheit feedwater). Therefore, the gross steam output volumes should be multiplied by a factor of approximately .75 to .80 to arrive at the boiler's net steam capacity when using 50-75 degree feedwater.
4. Account for heat losses in your clean steam delivery system. (In other words don't forget to feed the steam pipe too).

The multipliers used here are guidelines which will cover a multitude of situations and may, under certain circumstances, be adjusted to accommodate seemingly marginal situations. We invite you to call us for application assistance at 1-800-634-8177.