

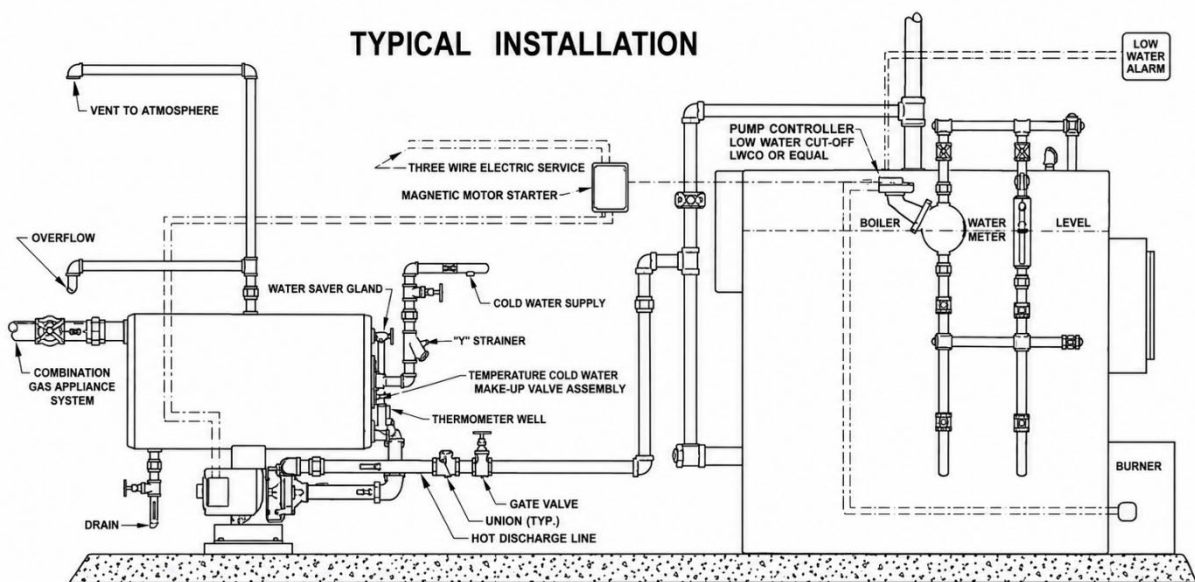
## STEAM CONVERSIONS

PP-ER-005 | Part of the Penn Pump Engineering Reference Series

### PUMP CAPACITY SELECTION

| BOILER HP | PUMP* GPM | EVAP. RATE GPM | STEAM (SQ./FT.) | BTU/HR (1000s) | STEAM (LBS/HR) |
|-----------|-----------|----------------|-----------------|----------------|----------------|
| 15        | 3         | 1              | 2,068           | 502            | 517            |
| 30        | 6         | 2              | 4,136           | 1,040          | 1,034          |
| 50        | 10        | 3.5            | 6,900           | 1,674          | 1,725          |
| 75        | 15        | 5              | 10,348          | 2,510          | 2,587          |
| 100       | 21        | 7              | 13,800          | 3,348          | 3,450          |
| 150       | 31        | 10.5           | 20,700          | 5,022          | 5,175          |
| 200       | 42        | 14             | 27,600          | 6,696          | 6,900          |
| 300       | 63        | 21             | 41,400          | 10,044         | 10,350         |
| 400       | 84        | 28             | 55,200          | 13,392         | 13,800         |
| 500       | 105       | 35             | 69,000          | 16,740         | 17,250         |
| 750       | 158       | 52.5           | 103,500         | 25,110         | 25,875         |
| 1000      | 210       | 70             | 138,000         | 33,480         | 34,500         |

\*Pump capacity is based on 3 to 1 ratio



#### Engineering Reference Notice

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