

**THERMAFLO TYPE PT VALVE STEAM CAPACITY CHART**  
**STEAM (POUNDS/HOUR), CHART 1**

| Initial<br>Pressure<br>PSIG | Final<br>Pressure<br>PSIG | VALVE SIZE |          |           |           |           |           |           |            |            |
|-----------------------------|---------------------------|------------|----------|-----------|-----------|-----------|-----------|-----------|------------|------------|
|                             |                           | 1/2        | 3/4      | 1         | 1-1/4     | 1-1/2     | 2         | 2-1/2     | 3          | 4          |
| <b>CV FACTOR</b>            |                           | <b>4</b>   | <b>8</b> | <b>15</b> | <b>23</b> | <b>30</b> | <b>60</b> | <b>90</b> | <b>120</b> | <b>220</b> |
| 15                          | 10                        | 139        | 277      | 520       | 797       | 1039      | 2078      | 3117      | 4156       | 7619       |
| 15                          | 5                         | 187        | 373      | 700       | 1074      | 1400      | 2800      | 4201      | 5601       | 10268      |
| 15                          | 3-1                       | 214        | 428      | 802       | 1230      | 1604      | 3208      | 4811      | 6415       | 11761      |
| 20                          | 12                        | 186        | 372      | 698       | 1070      | 1396      | 2793      | 4189      | 5585       | 10239      |
| 20                          | 8                         | 220        | 441      | 827       | 1268      | 1653      | 3307      | 4960      | 6614       | 12125      |
| 20                          | 5-1                       | 250        | 500      | 937       | 1437      | 1874      | 3748      | 5621      | 7495       | 13741      |
| 25                          | 15                        | 221        | 443      | 830       | 1272      | 1660      | 3319      | 4979      | 6639       | 12171      |
| 25                          | 10                        | 261        | 522      | 979       | 1501      | 1958      | 3916      | 5874      | 7832       | 14359      |
| 25                          | 7-1                       | 286        | 572      | 1072      | 1644      | 2144      | 4288      | 6431      | 8575       | 15721      |
| 30                          | 20                        | 237        | 473      | 888       | 1361      | 1775      | 3550      | 5326      | 7101       | 13018      |
| 30                          | 15                        | 281        | 561      | 1052      | 1614      | 2105      | 4209      | 6314      | 8418       | 15434      |
| 30                          | 12-1                      | 322        | 644      | 1207      | 1851      | 2414      | 4828      | 7241      | 9655       | 17701      |
| 50                          | 40                        | 290        | 581      | 1088      | 1669      | 2177      | 4354      | 6531      | 8708       | 15964      |
| 50                          | 30                        | 393        | 786      | 1473      | 2259      | 2947      | 5894      | 8841      | 11788      | 21611      |
| 50                          | 21-1                      | 466        | 932      | 1747      | 2679      | 3494      | 6988      | 10481     | 13975      | 25621      |
| 60                          | 45                        | 377        | 754      | 1414      | 2169      | 2829      | 5657      | 8486      | 11315      | 20744      |
| 60                          | 35                        | 468        | 937      | 1757      | 2694      | 3514      | 7027      | 10540     | 14053      | 25765      |
| 60                          | 27-1                      | 538        | 1076     | 2017      | 3093      | 4034      | 8068      | 12101     | 16135      | 29581      |
| 75                          | 60                        | 417        | 834      | 1564      | 2399      | 3129      | 6257      | 9386      | 12514      | 22942      |
| 75                          | 50                        | 522        | 1044     | 1957      | 3001      | 3914      | 7828      | 11742     | 15656      | 28704      |
| 75                          | 35-1                      | 646        | 1292     | 2422      | 3714      | 4844      | 9688      | 14531     | 19375      | 35521      |
| 100                         | 80                        | 544        | 1087     | 2039      | 3126      | 4077      | 8154      | 12231     | 16308      | 29898      |
| 100                         | 60                        | 731        | 1462     | 2742      | 4204      | 5484      | 10967     | 16451     | 21934      | 40213      |
| 100                         | 48-1                      | 826        | 1652     | 3097      | 4749      | 6194      | 12388     | 18581     | 24775      | 45421      |
| 150                         | 125                       | 733        | 1466     | 2748      | 4213      | 5496      | 10992     | 16487     | 21983      | 40303      |
| 150                         | 100                       | 993        | 1986     | 3723      | 5709      | 7446      | 14893     | 22339     | 29785      | 54606      |
| 150                         | 76-1                      | 1186       | 2372     | 4447      | 6819      | 8894      | 17788     | 26681     | 35575      | 65221      |