

| AIRFLOW (CFM) | OUTDOOR DB(°F)  | ID WB(°F) | 60.8°F(16.0°C) |                |                |                |                | 64.4°F(18.0°C) |                |                |                |                | 67°F(19.4°C)   |                |                |                |                | 71.6°F(22.0°C) |                |                |                |                |
|---------------|-----------------|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|               |                 | ID DB(°F) | 73.4°F(23.0°C) | 77.0°F(25.0°C) | 80.0°F(26.7°C) | 80.6°F(27.0°C) | 84.2°F(29.0°C) | 73.4°F(23.0°C) | 77.0°F(25.0°C) | 80.0°F(26.7°C) | 80.6°F(27.0°C) | 84.2°F(29.0°C) | 73.4°F(23.0°C) | 77.0°F(25.0°C) | 80.0°F(26.7°C) | 80.6°F(27.0°C) | 84.2°F(29.0°C) | 73.4°F(23.0°C) | 77.0°F(25.0°C) | 80.0°F(26.7°C) | 80.6°F(27.0°C) | 84.2°F(29.0°C) |
| 729           | -22°F (-30.0°C) | TC        | 13460          | 13478          | 13492          | 13493          | 13511          | 14271          | 14288          | 14302          | 14305          | 14322          | 15123          | 15143          | 15160          | 15163          | 15180          | 16035          | 16052          | 16069          | 16072          | 16092          |
|               |                 | S/T       | 0.25           | 0.29           | 0.33           | 0.33           | 0.38           | 0.26           | 0.31           | 0.35           | 0.35           | 0.40           | 0.28           | 0.33           | 0.37           | 0.37           | 0.43           | 0.30           | 0.35           | 0.40           | 0.40           | 0.45           |
|               |                 | PI        | 0.78           | 0.78           | 0.78           | 0.78           | 0.78           | 0.83           | 0.83           | 0.83           | 0.83           | 0.83           | 0.88           | 0.88           | 0.88           | 0.88           | 0.88           | 0.93           | 0.93           | 0.93           | 0.93           | 0.93           |
|               | -13°F (-25.0°C) | TC        | 14581          | 14601          | 14617          | 14617          | 14637          | 15460          | 15478          | 15494          | 15497          | 15515          | 16384          | 16405          | 16423          | 16426          | 16445          | 17371          | 17390          | 17409          | 17411          | 17433          |
|               |                 | S/T       | 0.25           | 0.29           | 0.33           | 0.33           | 0.38           | 0.27           | 0.31           | 0.35           | 0.35           | 0.40           | 0.28           | 0.33           | 0.38           | 0.38           | 0.43           | 0.30           | 0.35           | 0.40           | 0.40           | 0.45           |
|               |                 | PI        | 0.84           | 0.85           | 0.85           | 0.85           | 0.85           | 0.89           | 0.90           | 0.90           | 0.90           | 0.90           | 0.95           | 0.95           | 0.95           | 0.95           | 0.95           | 1.01           | 1.01           | 1.01           | 1.01           | 1.01           |
|               | -4°F (-20.0°C)  | TC        | 15703          | 15724          | 15741          | 15742          | 15763          | 16649          | 16669          | 16685          | 16689          | 16708          | 17644          | 17667          | 17686          | 17690          | 17710          | 18707          | 18727          | 18748          | 18751          | 18774          |
|               |                 | S/T       | 0.25           | 0.30           | 0.34           | 0.34           | 0.38           | 0.27           | 0.31           | 0.36           | 0.36           | 0.41           | 0.28           | 0.33           | 0.38           | 0.38           | 0.43           | 0.30           | 0.35           | 0.40           | 0.40           | 0.46           |
|               |                 | PI        | 0.91           | 0.91           | 0.91           | 0.91           | 0.91           | 0.96           | 0.96           | 0.97           | 0.97           | 0.97           | 1.02           | 1.02           | 1.02           | 1.02           | 1.03           | 1.08           | 1.08           | 1.09           | 1.09           | 1.09           |
|               | 0°F (-17.8°C)   | TC        | 16201          | 16223          | 16241          | 16241          | 16263          | 17178          | 17198          | 17215          | 17218          | 17239          | 18204          | 18228          | 18248          | 18251          | 18272          | 19301          | 19322          | 19343          | 19346          | 19370          |
|               |                 | S/T       | 0.25           | 0.30           | 0.34           | 0.34           | 0.38           | 0.27           | 0.31           | 0.36           | 0.36           | 0.41           | 0.28           | 0.33           | 0.38           | 0.38           | 0.43           | 0.30           | 0.35           | 0.40           | 0.40           | 0.46           |
|               |                 | PI        | 0.94           | 0.94           | 0.94           | 0.94           | 0.94           | 0.99           | 1.00           | 1.00           | 1.00           | 1.00           | 1.05           | 1.06           | 1.06           | 1.06           | 1.06           | 1.12           | 1.12           | 1.12           | 1.12           | 1.12           |
|               | 5°F (-15.0°C)   | TC        | 16824          | 16847          | 16865          | 16866          | 16889          | 17838          | 17860          | 17877          | 17881          | 17902          | 18904          | 18929          | 18950          | 18953          | 18974          | 20043          | 20065          | 20087          | 20090          | 20115          |
|               |                 | S/T       | 0.25           | 0.30           | 0.34           | 0.34           | 0.39           | 0.27           | 0.32           | 0.36           | 0.36           | 0.41           | 0.29           | 0.33           | 0.38           | 0.38           | 0.43           | 0.30           | 0.35           | 0.40           | 0.40           | 0.46           |
|               |                 | PI        | 0.97           | 0.98           | 0.98           | 0.98           | 0.98           | 1.03           | 1.03           | 1.03           | 1.04           | 1.04           | 1.09           | 1.10           | 1.10           | 1.10           | 1.10           | 1.16           | 1.16           | 1.16           | 1.16           | 1.16           |
|               | 14°F (-10.0°C)  | TC        | 16992          | 17014          | 17033          | 17033          | 17056          | 18016          | 18037          | 18055          | 18058          | 18080          | 19092          | 19117          | 19138          | 19142          | 19163          | 20242          | 20264          | 20286          | 20289          | 20315          |
|               |                 | S/T       | 0.25           | 0.30           | 0.34           | 0.34           | 0.39           | 0.27           | 0.32           | 0.36           | 0.36           | 0.41           | 0.29           | 0.34           | 0.38           | 0.38           | 0.43           | 0.30           | 0.36           | 0.40           | 0.40           | 0.46           |
|               |                 | PI        | 0.97           | 0.97           | 0.97           | 0.97           | 0.97           | 1.02           | 1.03           | 1.03           | 1.03           | 1.03           | 1.09           | 1.09           | 1.09           | 1.09           | 1.09           | 1.15           | 1.15           | 1.15           | 1.15           | 1.16           |
|               | 17°F (-8.3°C)   | TC        | 17047          | 17070          | 17089          | 17089          | 17112          | 18075          | 18096          | 18114          | 18117          | 18139          | 19154          | 19179          | 19201          | 19204          | 19226          | 20309          | 20331          | 20353          | 20356          | 20381          |
|               |                 | S/T       | 0.26           | 0.30           | 0.34           | 0.34           | 0.39           | 0.27           | 0.32           | 0.36           | 0.36           | 0.41           | 0.29           | 0.34           | 0.38           | 0.38           | 0.44           | 0.30           | 0.36           | 0.41           | 0.41           | 0.46           |
|               |                 | PI        | 0.96           | 0.96           | 0.97           | 0.97           | 0.97           | 1.02           | 1.02           | 1.02           | 1.02           | 1.03           | 1.08           | 1.08           | 1.09           | 1.09           | 1.09           | 1.15           | 1.15           | 1.15           | 1.15           | 1.15           |
|               | 23°F (-5.0°C)   | TC        | 17186          | 17209          | 17228          | 17228          | 17252          | 18222          | 18243          | 18261          | 18265          | 18287          | 19310          | 19335          | 19357          | 19361          | 19382          | 20474          | 20496          | 20518          | 20522          | 20547          |
|               |                 | S/T       | 0.26           | 0.30           | 0.34           | 0.34           | 0.39           | 0.27           | 0.32           | 0.36           | 0.36           | 0.41           | 0.29           | 0.34           | 0.38           | 0.38           | 0.44           | 0.31           | 0.36           | 0.41           | 0.41           | 0.46           |
|               |                 | PI        | 0.98           | 0.98           | 0.98           | 0.98           | 0.98           | 1.04           | 1.04           | 1.04           | 1.04           | 1.04           | 1.10           | 1.10           | 1.10           | 1.10           | 1.10           | 1.16           | 1.16           | 1.17           | 1.17           | 1.17           |
|               | 35°F(1.7°C)     | TC        | 17464          | 17487          | 17506          | 17507          | 17530          | 18516          | 18538          | 18556          | 18560          | 18582          | 19622          | 19648          | 19670          | 19673          | 19695          | 20805          | 20827          | 20850          | 20853          | 20879          |
|               |                 | S/T       | 0.26           | 0.30           | 0.34           | 0.34           | 0.39           | 0.27           | 0.32           | 0.36           | 0.36           | 0.42           | 0.29           | 0.34           | 0.39           | 0.39           | 0.44           | 0.31           | 0.36           | 0.41           | 0.41           | 0.47           |
|               |                 | PI        | 1.00           | 1.00           | 1.00           | 1.00           | 1.01           | 1.06           | 1.06           | 1.07           | 1.07           | 1.07           | 1.13           | 1.13           | 1.13           | 1.13           | 1.13           | 1.19           | 1.20           | 1.20           | 1.20           | 1.20           |
|               | 41°F(5.0°C)     | TC        | 18136          | 18160          | 18180          | 18181          | 18205          | 19229          | 19251          | 19270          | 19274          | 19297          | 20377          | 20404          | 20427          | 20430          | 20453          | 21605          | 21629          | 21652          | 21656          | 21683          |
|               |                 | S/T       | 0.26           | 0.30           | 0.34           | 0.34           | 0.39           | 0.27           | 0.32           | 0.37           | 0.37           | 0.42           | 0.29           | 0.34           | 0.39           | 0.39           | 0.44           | 0.31           | 0.36           | 0.41           | 0.41           | 0.47           |
|               |                 | PI        | 1.07           | 1.07           | 1.07           | 1.07           | 1.07           | 1.13           | 1.14           | 1.14           | 1.14           | 1.14           | 1.20           | 1.20           | 1.21           | 1.21           | 1.21           | 1.27           | 1.28           | 1.28           | 1.28           | 1.28           |
|               | 47°F(8.3°C)     | TC        | 18808          | 18833          | 18853          | 18854          | 18880          | 19941          | 19965          | 19985          | 19989          | 20012          | 21133          | 21160          | 21184          | 21188          | 21211          | 22406          | 22430          | 22455          | 22458          | 22486          |
|               |                 | S/T       | 0.26           | 0.30           | 0.35           | 0.35           | 0.39           | 0.27           | 0.32           | 0.37           | 0.37           | 0.42           | 0.29           | 0.34           | 0.39           | 0.39           | 0.44           | 0.31           | 0.36           | 0.41           | 0.41           | 0.47           |
|               |                 | PI        | 1.14           | 1.14           | 1.14           | 1.14           | 1.14           | 1.21           | 1.21           | 1.21           | 1.21           | 1.21           | 1.28           | 1.28           | 1.28           | 1.28           | 1.28           | 1.36           | 1.36           | 1.36           | 1.36           | 1.36           |
|               | 50°F(10.0°C)    | TC        | 18798          | 18823          | 18844          | 18845          | 18870          | 19931          | 19955          | 19974          | 19978          | 20002          | 21122          | 21149          | 21173          | 21177          | 21200          | 22394          | 22419          | 22443          | 22447          | 22475          |
|               |                 | S/T       | 0.26           | 0.31           | 0.35           | 0.35           | 0.40           | 0.28           | 0.32           | 0.37           | 0.37           | 0.42           | 0.29           | 0.34           | 0.39           | 0.39           | 0.44           | 0.31           | 0.36           | 0.41           | 0.41           | 0.47           |
|               |                 | PI        | 1.17           | 1.17           | 1.18           | 1.18           | 1.18           | 1.24           | 1.25           | 1.25           | 1.25           | 1.25           | 1.32           | 1.32           | 1.32           | 1.32           | 1.32           | 1.40           | 1.40           | 1.40           | 1.40           | 1.40           |
|               | 59°F(15.0°C)    | TC        | 18769          | 18794          | 18814          | 18815          | 18841          | 19900          | 19924          | 19943          | 19947          | 19971          | 21089          | 21116          | 21140          | 21144          | 21167          | 22360          | 22384          | 22408          | 22412          | 22440          |
|               |                 | S/T       | 0.26           | 0.31           | 0.35           | 0.35           | 0.40           | 0.28           | 0.33           | 0.37           | 0.37           | 0.42           | 0.29           | 0.35           | 0.39           | 0.39           | 0.45           | 0.31           | 0.37           | 0.42           | 0.42           | 0.47           |
|               |                 | PI        | 1.28           | 1.28           | 1.28           | 1.28           | 1.28           | 1.36           | 1.36           | 1.36           | 1.36           | 1.36           | 1.44           | 1.44           | 1.44           | 1.44           | 1.44           | 1.52           | 1.52           | 1.53           | 1.53           | 1.53           |
|               | 68°F(20.0°C)    | TC        | 18740          | 18765          | 18785          | 18786          | 18811          | 19869          | 19892          | 19912          | 19916          | 19940          | 21056          | 21083          | 21107          | 21111          | 21134          | 22325          | 22349          | 22373          | 22377          | 22405          |
|               |                 | S/T       | 0.27           | 0.32           | 0.36           | 0.36           | 0.41           | 0.28           | 0.33           | 0.38           | 0.38           | 0.43           | 0.30           | 0.35           | 0.40           | 0.40           | 0.46           | 0.32           | 0.38           | 0.43           | 0.43           | 0.49           |
|               |                 | PI        | 1.38           | 1.39           | 1.39           | 1.39           | 1.39           | 1.47           | 1.47           | 1.47           | 1.47           | 1.47           | 1.55           | 1.56           | 1.56           | 1.56           | 1.56           | 1.65           | 1.65           | 1.65           | 1.65           | 1.65           |
|               | 77°F(25.0°C)    | TC        | 18710          | 18735          | 18756          | 18756          | 18782          | 19838          | 19861          | 19881          | 19885          | 19909          | 21023          | 21050          | 21074          | 21078          | 21101          | 22290          | 22314          | 22338          | 22342          | 22370          |
|               |                 | S/T       | 0.27           | 0.32           | 0.36           | 0.36           | 0.41           | 0.29           | 0.34           | 0.38           | 0.38           | 0.44           | 0.31           | 0.36           | 0.41           | 0.41           | 0.46           | 0.32           | 0.38           | 0.43           | 0.43           | 0.49           |
|               |                 | PI        | 1.49           | 1.49           | 1.49           | 1.49           | 1.49           | 1.58           | 1.58           | 1.58           | 1.58           | 1.58           | 1.67           | 1.68           | 1.68           | 1.68           | 1.68           | 1.77           | 1.78           | 1.78           | 1.78           | 1.78           |
|               | 82°F(27.8°C)    | TC        | 18946          | 18971          | 18992          | 18993          | 19018          | 20088          | 20111          | 20131          | 20135          | 20159          | 21288          | 21315          | 21339          | 21343          | 21367          | 22570          | 22595          | 22619          | 22623          | 22651          |
|               |                 | S/T       | 0.28           | 0.32           | 0.37           | 0.37           | 0.42           | 0.29           | 0.34           | 0.39           | 0.39           | 0.44           | 0.31           | 0.36           | 0.41           | 0.41           | 0.47           | 0.33           | 0.39           | 0.44           | 0.44           | 0.50           |
|               |                 | PI        | 1.57           | 1.57           | 1.57           | 1.57           | 1.57           | 1.66           | 1.66           | 1.67           | 1.67           | 1.67           | 1.76           | 1.76           | 1.77           | 1.77           | 1.77           | 1.87           | 1.87           | 1.87           | 1.87           | 1.87           |
|               | 86°F(30.0°C)    | TC        | 19452          | 19478          | 19499          | 19500          | 19526          | 20624          | 20648          | 20669          | 20673          | 20697          | 21856          | 21885          | 21909          | 21913          | 21937          | 23173          | 23198          | 23223          | 23227          | 23256          |
|               |                 | S/T       | 0.28           | 0.33           | 0.37           | 0.37           | 0.42           | 0.30           | 0.35           | 0.39           | 0.39           | 0.45           | 0.31           | 0.37           | 0.42           | 0.42           | 0.48           | 0.33           | 0.39           | 0.44           | 0.44           | 0.51           |

|     |            |               |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----|------------|---------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 918 | Celsius    | 95°F(35.0℃)   | PI  | 1.66  | 1.66  | 1.66  | 1.66  | 1.66  | 1.76  | 1.76  | 1.76  | 1.76  | 1.76  | 1.86  | 1.86  | 1.87  | 1.87  | 1.87  | 1.97  | 1.98  | 1.98  | 1.98  | 1.98  |
|     |            |               | TC  | 20590 | 20618 | 20640 | 20641 | 20669 | 21831 | 21857 | 21878 | 21883 | 21909 | 23135 | 23165 | 23191 | 23195 | 23221 | 24529 | 24556 | 24583 | 24586 | 24617 |
|     |            |               | S/T | 0.28  | 0.33  | 0.37  | 0.37  | 0.42  | 0.30  | 0.35  | 0.39  | 0.39  | 0.45  | 0.31  | 0.37  | 0.42  | 0.42  | 0.48  | 0.33  | 0.39  | 0.44  | 0.44  | 0.51  |
|     |            | 104°F(40.0℃)  | PI  | 1.86  | 1.86  | 1.86  | 1.86  | 1.86  | 1.97  | 1.97  | 1.97  | 1.97  | 1.98  | 2.09  | 2.09  | 2.09  | 2.09  | 2.09  | 2.21  | 2.21  | 2.22  | 2.22  | 2.22  |
|     |            |               | TC  | 17087 | 17110 | 17128 | 17129 | 17152 | 18117 | 18138 | 18156 | 18160 | 18181 | 19199 | 19224 | 19245 | 19249 | 19270 | 20356 | 20378 | 20400 | 20403 | 20429 |
|     |            |               | S/T | 0.29  | 0.34  | 0.38  | 0.38  | 0.43  | 0.30  | 0.36  | 0.40  | 0.40  | 0.46  | 0.32  | 0.38  | 0.43  | 0.43  | 0.49  | 0.34  | 0.40  | 0.45  | 0.45  | 0.52  |
|     |            | 110°F(43.0℃)  | PI  | 2.02  | 2.03  | 2.03  | 2.03  | 2.03  | 2.15  | 2.15  | 2.15  | 2.15  | 2.15  | 2.27  | 2.28  | 2.28  | 2.28  | 2.28  | 2.41  | 2.41  | 2.42  | 2.42  | 2.42  |
|     |            |               | TC  | 14985 | 15005 | 15021 | 15022 | 15042 | 15888 | 15907 | 15922 | 15926 | 15945 | 16837 | 16859 | 16878 | 16881 | 16900 | 17852 | 17871 | 17890 | 17893 | 17916 |
|     |            |               | S/T | 0.30  | 0.35  | 0.40  | 0.40  | 0.45  | 0.31  | 0.37  | 0.42  | 0.42  | 0.48  | 0.33  | 0.39  | 0.44  | 0.44  | 0.51  | 0.35  | 0.41  | 0.47  | 0.47  | 0.54  |
|     |            | 115°F(46.0℃)  | PI  | 2.13  | 2.13  | 2.13  | 2.13  | 2.13  | 2.25  | 2.26  | 2.26  | 2.26  | 2.26  | 2.39  | 2.39  | 2.39  | 2.39  | 2.40  | 2.53  | 2.53  | 2.54  | 2.54  | 2.54  |
|     |            |               | TC  | 12025 | 12041 | 12054 | 12054 | 12071 | 12749 | 12764 | 12777 | 12780 | 12795 | 13511 | 13529 | 13544 | 13546 | 13561 | 14325 | 14341 | 14356 | 14358 | 14376 |
|     |            |               | S/T | 0.30  | 0.35  | 0.40  | 0.40  | 0.46  | 0.32  | 0.37  | 0.42  | 0.42  | 0.48  | 0.34  | 0.40  | 0.45  | 0.45  | 0.51  | 0.36  | 0.42  | 0.48  | 0.48  | 0.54  |
|     |            | 122°F(50.0℃)  | PI  | 1.74  | 1.74  | 1.74  | 1.74  | 1.74  | 1.84  | 1.84  | 1.84  | 1.84  | 1.85  | 1.95  | 1.95  | 1.95  | 1.96  | 1.96  | 2.07  | 2.07  | 2.07  | 2.07  | 2.08  |
|     |            |               | TC  | 8078  | 8089  | 8097  | 8098  | 8109  | 8564  | 8575  | 8583  | 8585  | 8595  | 9076  | 9088  | 9098  | 9100  | 9110  | 9623  | 9633  | 9644  | 9645  | 9657  |
|     |            |               | S/T | 0.31  | 0.36  | 0.41  | 0.41  | 0.47  | 0.33  | 0.38  | 0.43  | 0.43  | 0.49  | 0.35  | 0.40  | 0.46  | 0.46  | 0.52  | 0.37  | 0.43  | 0.49  | 0.49  | 0.56  |
|     | Fahrenheit | -22°F(-30.0℃) | PI  | 1.22  | 1.22  | 1.22  | 1.22  | 1.22  | 1.29  | 1.29  | 1.29  | 1.29  | 1.29  | 1.37  | 1.37  | 1.37  | 1.37  | 1.37  | 1.45  | 1.45  | 1.45  | 1.45  | 1.45  |
|     |            |               | TC  | 16707 | 16730 | 16748 | 16749 | 16771 | 17714 | 17735 | 17753 | 17756 | 17777 | 18773 | 18797 | 18818 | 18821 | 18842 | 19904 | 19925 | 19947 | 19950 | 19975 |
|     |            |               | S/T | 0.31  | 0.36  | 0.41  | 0.41  | 0.47  | 0.33  | 0.38  | 0.44  | 0.44  | 0.50  | 0.35  | 0.41  | 0.46  | 0.46  | 0.53  | 0.37  | 0.43  | 0.49  | 0.49  | 0.56  |
|     |            | -13°F(-25.0℃) | PI  | 0.97  | 0.97  | 0.97  | 0.97  | 0.97  | 1.03  | 1.03  | 1.03  | 1.03  | 1.03  | 1.09  | 1.09  | 1.09  | 1.09  | 1.09  | 1.15  | 1.15  | 1.15  | 1.15  | 1.16  |
|     |            |               | TC  | 18100 | 18124 | 18144 | 18144 | 18169 | 19190 | 19213 | 19232 | 19236 | 19259 | 20337 | 20363 | 20386 | 20390 | 20413 | 21562 | 21586 | 21609 | 21613 | 21640 |
|     |            |               | S/T | 0.31  | 0.36  | 0.41  | 0.41  | 0.47  | 0.33  | 0.39  | 0.44  | 0.44  | 0.50  | 0.35  | 0.41  | 0.47  | 0.47  | 0.53  | 0.37  | 0.43  | 0.49  | 0.49  | 0.56  |
|     |            | -4°F(-20.0℃)  | PI  | 1.05  | 1.05  | 1.05  | 1.05  | 1.05  | 1.11  | 1.11  | 1.11  | 1.11  | 1.11  | 1.18  | 1.18  | 1.18  | 1.18  | 1.18  | 1.25  | 1.25  | 1.25  | 1.25  | 1.25  |
|     |            |               | TC  | 19492 | 19518 | 19539 | 19540 | 19566 | 20667 | 20691 | 20712 | 20716 | 20740 | 21901 | 21930 | 21954 | 21958 | 21983 | 23221 | 23246 | 23271 | 23275 | 23304 |
|     |            |               | S/T | 0.31  | 0.37  | 0.42  | 0.42  | 0.48  | 0.33  | 0.39  | 0.44  | 0.44  | 0.50  | 0.35  | 0.41  | 0.47  | 0.47  | 0.53  | 0.37  | 0.44  | 0.50  | 0.50  | 0.57  |
|     |            | 0°F(-17.8℃)   | PI  | 1.13  | 1.13  | 1.13  | 1.13  | 1.13  | 1.20  | 1.20  | 1.20  | 1.20  | 1.20  | 1.27  | 1.27  | 1.27  | 1.27  | 1.27  | 1.34  | 1.35  | 1.35  | 1.35  | 1.35  |
|     |            |               | TC  | 20111 | 20138 | 20159 | 20160 | 20188 | 21323 | 21348 | 21369 | 21373 | 21399 | 22597 | 22626 | 22651 | 22655 | 22681 | 23958 | 23984 | 24010 | 24014 | 24044 |
|     |            |               | S/T | 0.31  | 0.37  | 0.42  | 0.42  | 0.48  | 0.33  | 0.39  | 0.44  | 0.44  | 0.51  | 0.35  | 0.41  | 0.47  | 0.47  | 0.54  | 0.37  | 0.44  | 0.50  | 0.50  | 0.57  |
|     |            | 5°F(-15.0℃)   | PI  | 1.16  | 1.17  | 1.17  | 1.17  | 1.17  | 1.23  | 1.24  | 1.24  | 1.24  | 1.24  | 1.31  | 1.31  | 1.31  | 1.31  | 1.31  | 1.39  | 1.39  | 1.39  | 1.39  | 1.39  |
|     |            |               | TC  | 20884 | 20912 | 20935 | 20936 | 20964 | 22143 | 22169 | 22191 | 22195 | 22222 | 23466 | 23496 | 23522 | 23527 | 23553 | 24880 | 24907 | 24934 | 24938 | 24969 |
|     |            |               | S/T | 0.32  | 0.37  | 0.42  | 0.42  | 0.48  | 0.33  | 0.39  | 0.45  | 0.45  | 0.51  | 0.35  | 0.42  | 0.47  | 0.47  | 0.54  | 0.38  | 0.44  | 0.50  | 0.50  | 0.57  |
|     |            | 14°F(-10.0℃)  | PI  | 1.21  | 1.21  | 1.21  | 1.21  | 1.21  | 1.28  | 1.28  | 1.28  | 1.28  | 1.29  | 1.36  | 1.36  | 1.36  | 1.36  | 1.36  | 1.44  | 1.44  | 1.44  | 1.44  | 1.45  |
|     |            |               | TC  | 21092 | 21120 | 21143 | 21144 | 21172 | 22363 | 22389 | 22411 | 22416 | 22442 | 23699 | 23730 | 23756 | 23760 | 23787 | 25127 | 25154 | 25181 | 25185 | 25217 |
|     |            |               | S/T | 0.32  | 0.37  | 0.42  | 0.42  | 0.48  | 0.33  | 0.39  | 0.45  | 0.45  | 0.51  | 0.35  | 0.42  | 0.47  | 0.47  | 0.54  | 0.38  | 0.44  | 0.50  | 0.50  | 0.57  |
|     |            | 17°F(-8.3℃)   | PI  | 1.20  | 1.20  | 1.20  | 1.20  | 1.20  | 1.27  | 1.27  | 1.27  | 1.27  | 1.27  | 1.35  | 1.35  | 1.35  | 1.35  | 1.35  | 1.43  | 1.43  | 1.43  | 1.43  | 1.43  |
|     |            |               | TC  | 21161 | 21189 | 21212 | 21213 | 21242 | 22436 | 22463 | 22485 | 22489 | 22516 | 23776 | 23807 | 23834 | 23838 | 23865 | 25209 | 25236 | 25264 | 25268 | 25299 |
|     |            |               | S/T | 0.32  | 0.37  | 0.42  | 0.42  | 0.48  | 0.34  | 0.39  | 0.45  | 0.45  | 0.51  | 0.36  | 0.42  | 0.47  | 0.47  | 0.54  | 0.38  | 0.44  | 0.50  | 0.50  | 0.57  |
|     |            | 23°F(-5.0℃)   | PI  | 1.20  | 1.20  | 1.20  | 1.20  | 1.20  | 1.27  | 1.27  | 1.27  | 1.27  | 1.27  | 1.34  | 1.35  | 1.35  | 1.35  | 1.35  | 1.42  | 1.43  | 1.43  | 1.43  | 1.43  |
|     |            |               | TC  | 21333 | 21362 | 21385 | 21386 | 21415 | 22619 | 22645 | 22668 | 22672 | 22699 | 23970 | 24001 | 24028 | 24032 | 24059 | 25414 | 25442 | 25470 | 25473 | 25505 |
|     |            |               | S/T | 0.32  | 0.37  | 0.42  | 0.42  | 0.48  | 0.34  | 0.40  | 0.45  | 0.45  | 0.51  | 0.36  | 0.42  | 0.48  | 0.48  | 0.54  | 0.38  | 0.45  | 0.51  | 0.51  | 0.58  |
|     |            | 35°F(1.7℃)    | PI  | 1.21  | 1.21  | 1.22  | 1.22  | 1.22  | 1.29  | 1.29  | 1.29  | 1.29  | 1.29  | 1.36  | 1.36  | 1.37  | 1.37  | 1.37  | 1.44  | 1.45  | 1.45  | 1.45  | 1.45  |
|     |            |               | TC  | 21678 | 21707 | 21730 | 21731 | 21760 | 22984 | 23011 | 23034 | 23038 | 23066 | 24357 | 24389 | 24416 | 24420 | 24448 | 25825 | 25853 | 25881 | 25885 | 25917 |
|     |            |               | S/T | 0.32  | 0.38  | 0.43  | 0.43  | 0.49  | 0.34  | 0.40  | 0.45  | 0.45  | 0.52  | 0.36  | 0.42  | 0.48  | 0.48  | 0.55  | 0.38  | 0.45  | 0.51  | 0.51  | 0.58  |
|     |            | 41°F(5.0℃)    | PI  | 1.24  | 1.25  | 1.25  | 1.25  | 1.25  | 1.32  | 1.32  | 1.32  | 1.32  | 1.32  | 1.40  | 1.40  | 1.40  | 1.40  | 1.40  | 1.48  | 1.48  | 1.49  | 1.49  | 1.49  |
|     |            |               | TC  | 22512 | 22542 | 22566 | 22567 | 22598 | 23869 | 23897 | 23920 | 23925 | 23954 | 25295 | 25327 | 25356 | 25360 | 25389 | 26819 | 26848 | 26877 | 26881 | 26915 |
|     |            |               | S/T | 0.32  | 0.38  | 0.43  | 0.43  | 0.49  | 0.34  | 0.40  | 0.45  | 0.45  | 0.52  | 0.36  | 0.42  | 0.48  | 0.48  | 0.55  | 0.38  | 0.45  | 0.51  | 0.51  | 0.58  |
|     |            | 47°F(8.3℃)    | PI  | 1.33  | 1.33  | 1.33  | 1.33  | 1.33  | 1.41  | 1.41  | 1.41  | 1.41  | 1.41  | 1.49  | 1.49  | 1.50  | 1.50  | 1.50  | 1.58  | 1.58  | 1.59  | 1.59  | 1.59  |
|     |            |               | TC  | 23346 | 23378 | 23403 | 23404 | 23435 | 24753 | 24783 | 24807 | 24812 | 24841 | 26232 | 26266 | 26295 | 26300 | 26330 | 27813 | 27843 | 27873 | 27877 | 27912 |
|     |            |               | S/T | 0.32  | 0.38  | 0.43  | 0.43  | 0.49  | 0.34  | 0.40  | 0.45  | 0.45  | 0.52  | 0.36  | 0.42  | 0.48  | 0.48  | 0.55  | 0.38  | 0.45  | 0.51  | 0.51  | 0.58  |
|     |            | 50°F(10.0℃)   | PI  | 1.41  | 1.41  | 1.42  | 1.42  | 1.42  | 1.50  | 1.50  | 1.50  | 1.50  | 1.50  | 1.59  | 1.59  | 1.59  | 1.59  | 1.59  | 1.68  | 1.68  | 1.69  | 1.69  | 1.69  |
|     |            |               | TC  | 23334 | 23365 | 23391 | 23392 | 23423 | 24740 | 24770 | 24794 | 24799 | 24828 | 26218 | 26252 | 26282 | 26287 | 26316 | 27798 | 27828 | 27859 | 27863 | 27898 |
|     |            |               | S/T | 0.32  | 0.38  | 0.43  | 0.43  | 0.49  | 0.34  | 0.40  | 0.46  | 0.46  | 0.52  | 0.36  | 0.43  | 0.48  | 0.48  | 0.55  | 0.39  | 0.45  | 0.51  | 0.51  | 0.59  |
|     |            | 59°F(15.0℃)   | PI  | 1.46  | 1.46  | 1.46  | 1.46  | 1.46  | 1.54  | 1.55  | 1.55  | 1.55  | 1.55  | 1.64  | 1.64  | 1.64  | 1.64  | 1.64  | 1.73  | 1.74  | 1.74  | 1.74  | 1.74  |
|     |            |               | TC  | 23298 | 23329 | 23354 | 23355 | 23387 | 24702 | 24731 | 24755 | 24760 | 24790 | 26178 | 26212 | 26241 | 26246 | 26275 | 27755 | 27785 | 27815 | 27820 | 27854 |
|     |            |               | S/T | 0.32  | 0.38  | 0.43  | 0.43  | 0.49  | 0.34  | 0.40  | 0.46  | 0.46  | 0.52  | 0.37  | 0.43  | 0.49  | 0.49  | 0.55  | 0.39  | 0.45  | 0.52  | 0.52  | 0.59  |

|    |               |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----|---------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| CJ | 68°F(20.0℃)   | PI  | 1.59  | 1.59  | 1.59  | 1.59  | 1.59  | 1.68  | 1.68  | 1.69  | 1.69  | 1.69  | 1.78  | 1.79  | 1.79  | 1.79  | 1.79  | 1.89  | 1.89  | 1.89  | 1.89  | 1.90  |
|    |               | TC  | 23261 | 23293 | 23318 | 23319 | 23350 | 24663 | 24692 | 24717 | 24722 | 24751 | 26137 | 26171 | 26200 | 26205 | 26234 | 27712 | 27742 | 27772 | 27776 | 27811 |
|    |               | S/T | 0.33  | 0.39  | 0.44  | 0.44  | 0.51  | 0.35  | 0.41  | 0.47  | 0.47  | 0.54  | 0.37  | 0.44  | 0.50  | 0.50  | 0.57  | 0.40  | 0.47  | 0.53  | 0.53  | 0.60  |
|    | 77°F(25.0℃)   | PI  | 1.72  | 1.72  | 1.72  | 1.72  | 1.72  | 1.82  | 1.82  | 1.82  | 1.83  | 1.83  | 1.93  | 1.93  | 1.93  | 1.93  | 1.94  | 2.05  | 2.05  | 2.05  | 2.05  | 2.05  |
|    |               | TC  | 23225 | 23256 | 23281 | 23282 | 23314 | 24625 | 24654 | 24678 | 24683 | 24712 | 26096 | 26130 | 26159 | 26164 | 26193 | 27668 | 27698 | 27728 | 27733 | 27767 |
|    |               | S/T | 0.34  | 0.40  | 0.45  | 0.45  | 0.51  | 0.36  | 0.42  | 0.48  | 0.48  | 0.54  | 0.38  | 0.45  | 0.51  | 0.51  | 0.58  | 0.40  | 0.47  | 0.54  | 0.54  | 0.61  |
|    | 82°F(27.8℃)   | PI  | 1.85  | 1.85  | 1.85  | 1.85  | 1.86  | 1.96  | 1.96  | 1.96  | 1.96  | 1.97  | 2.08  | 2.08  | 2.08  | 2.08  | 2.08  | 2.20  | 2.20  | 2.21  | 2.21  | 2.21  |
|    |               | TC  | 23517 | 23549 | 23574 | 23575 | 23607 | 24935 | 24964 | 24989 | 24994 | 25023 | 26424 | 26459 | 26488 | 26493 | 26523 | 28016 | 28047 | 28077 | 28082 | 28117 |
|    |               | S/T | 0.34  | 0.40  | 0.46  | 0.46  | 0.52  | 0.36  | 0.43  | 0.48  | 0.48  | 0.55  | 0.38  | 0.45  | 0.51  | 0.51  | 0.58  | 0.41  | 0.48  | 0.54  | 0.54  | 0.62  |
|    | 86°F(30.0℃)   | PI  | 1.95  | 1.95  | 1.95  | 1.95  | 1.95  | 2.06  | 2.07  | 2.07  | 2.07  | 2.07  | 2.19  | 2.19  | 2.19  | 2.19  | 2.19  | 2.32  | 2.32  | 2.32  | 2.32  | 2.33  |
|    |               | TC  | 24145 | 24178 | 24204 | 24205 | 24238 | 25601 | 25631 | 25656 | 25661 | 25692 | 27130 | 27165 | 27196 | 27201 | 27231 | 28765 | 28796 | 28827 | 28832 | 28868 |
|    |               | S/T | 0.35  | 0.41  | 0.46  | 0.46  | 0.53  | 0.37  | 0.43  | 0.49  | 0.49  | 0.56  | 0.39  | 0.46  | 0.52  | 0.52  | 0.59  | 0.41  | 0.48  | 0.55  | 0.55  | 0.63  |
|    | 95°F(35.0℃)   | PI  | 2.06  | 2.06  | 2.06  | 2.06  | 2.06  | 2.18  | 2.18  | 2.19  | 2.19  | 2.19  | 2.31  | 2.31  | 2.32  | 2.32  | 2.32  | 2.45  | 2.45  | 2.46  | 2.46  | 2.46  |
|    |               | TC  | 25559 | 25593 | 25620 | 25622 | 25656 | 27099 | 27131 | 27158 | 27163 | 27195 | 28718 | 28755 | 28787 | 28793 | 28825 | 30448 | 30481 | 30514 | 30519 | 30557 |
|    |               | S/T | 0.35  | 0.41  | 0.46  | 0.46  | 0.53  | 0.37  | 0.43  | 0.49  | 0.49  | 0.56  | 0.39  | 0.46  | 0.52  | 0.52  | 0.59  | 0.41  | 0.48  | 0.55  | 0.55  | 0.63  |
|    | 104°F(40.0℃)  | PI  | 2.30  | 2.31  | 2.31  | 2.31  | 2.31  | 2.44  | 2.45  | 2.45  | 2.45  | 2.45  | 2.59  | 2.59  | 2.60  | 2.60  | 2.60  | 2.75  | 2.75  | 2.75  | 2.75  | 2.76  |
|    |               | TC  | 21210 | 21238 | 21261 | 21262 | 21291 | 22488 | 22515 | 22537 | 22541 | 22568 | 23832 | 23863 | 23889 | 23894 | 23920 | 25268 | 25295 | 25323 | 25326 | 25358 |
|    |               | S/T | 0.36  | 0.42  | 0.47  | 0.47  | 0.54  | 0.38  | 0.44  | 0.50  | 0.50  | 0.57  | 0.40  | 0.47  | 0.53  | 0.53  | 0.61  | 0.42  | 0.50  | 0.56  | 0.56  | 0.64  |
|    | 110°F(43.0℃)  | PI  | 2.51  | 2.52  | 2.52  | 2.52  | 2.52  | 2.66  | 2.67  | 2.67  | 2.67  | 2.67  | 2.82  | 2.83  | 2.83  | 2.83  | 2.83  | 2.99  | 3.00  | 3.00  | 3.00  | 3.00  |
|    |               | TC  | 18601 | 18626 | 18646 | 18647 | 18672 | 19722 | 19745 | 19765 | 19768 | 19792 | 20900 | 20927 | 20950 | 20954 | 20978 | 22159 | 22183 | 22207 | 22211 | 22239 |
|    |               | S/T | 0.37  | 0.43  | 0.49  | 0.49  | 0.56  | 0.39  | 0.46  | 0.52  | 0.52  | 0.59  | 0.41  | 0.49  | 0.55  | 0.55  | 0.63  | 0.44  | 0.51  | 0.58  | 0.58  | 0.67  |
|    | 115°F(46.0℃)  | PI  | 2.64  | 2.64  | 2.64  | 2.64  | 2.65  | 2.80  | 2.80  | 2.80  | 2.80  | 2.81  | 2.96  | 2.97  | 2.97  | 2.97  | 2.98  | 3.14  | 3.15  | 3.15  | 3.15  | 3.15  |
|    |               | TC  | 14926 | 14946 | 14962 | 14963 | 14983 | 15826 | 15844 | 15860 | 15863 | 15882 | 16771 | 16793 | 16812 | 16815 | 16834 | 17782 | 17801 | 17820 | 17823 | 17845 |
|    |               | S/T | 0.37  | 0.44  | 0.50  | 0.50  | 0.57  | 0.39  | 0.46  | 0.53  | 0.53  | 0.60  | 0.42  | 0.49  | 0.56  | 0.56  | 0.64  | 0.44  | 0.52  | 0.59  | 0.59  | 0.67  |
|    | 122°F(50.0℃)  | PI  | 2.15  | 2.16  | 2.16  | 2.16  | 2.16  | 2.28  | 2.29  | 2.29  | 2.29  | 2.29  | 2.42  | 2.42  | 2.43  | 2.43  | 2.43  | 2.57  | 2.57  | 2.57  | 2.57  | 2.58  |
|    |               | TC  | 10027 | 10040 | 10051 | 10052 | 10065 | 10631 | 10644 | 10654 | 10656 | 10669 | 11266 | 11281 | 11293 | 11296 | 11308 | 11945 | 11958 | 11971 | 11973 | 11988 |
|    |               | S/T | 0.38  | 0.45  | 0.51  | 0.51  | 0.58  | 0.40  | 0.47  | 0.54  | 0.54  | 0.61  | 0.43  | 0.50  | 0.57  | 0.57  | 0.65  | 0.45  | 0.53  | 0.61  | 0.61  | 0.69  |
|    | 35°F(1.7℃)    | PI  | 1.51  | 1.51  | 1.51  | 1.51  | 1.52  | 1.60  | 1.60  | 1.60  | 1.60  | 1.61  | 1.70  | 1.70  | 1.70  | 1.70  | 1.70  | 1.80  | 1.80  | 1.80  | 1.80  | 1.80  |
|    |               | TC  | 20739 | 20767 | 20789 | 20790 | 20818 | 21989 | 22015 | 22036 | 22041 | 22067 | 23302 | 23333 | 23359 | 23363 | 23389 | 24706 | 24733 | 24760 | 24764 | 24795 |
|    |               | S/T | 0.38  | 0.45  | 0.51  | 0.51  | 0.58  | 0.41  | 0.48  | 0.54  | 0.54  | 0.62  | 0.43  | 0.51  | 0.57  | 0.57  | 0.65  | 0.46  | 0.54  | 0.61  | 0.61  | 0.69  |
|    | -22°F(-30.0℃) | PI  | 1.20  | 1.20  | 1.20  | 1.20  | 1.21  | 1.27  | 1.27  | 1.28  | 1.28  | 1.28  | 1.35  | 1.35  | 1.35  | 1.35  | 1.35  | 1.43  | 1.43  | 1.43  | 1.43  | 1.44  |
|    |               | TC  | 22467 | 22497 | 22522 | 22523 | 22553 | 23821 | 23849 | 23873 | 23878 | 23906 | 25244 | 25277 | 25305 | 25310 | 25338 | 26765 | 26794 | 26824 | 26828 | 26861 |
|    |               | S/T | 0.39  | 0.45  | 0.51  | 0.51  | 0.59  | 0.41  | 0.48  | 0.55  | 0.55  | 0.62  | 0.43  | 0.51  | 0.58  | 0.58  | 0.66  | 0.46  | 0.54  | 0.61  | 0.61  | 0.70  |
|    | -13°F(-25.0℃) | PI  | 1.30  | 1.30  | 1.30  | 1.30  | 1.31  | 1.38  | 1.38  | 1.38  | 1.38  | 1.38  | 1.46  | 1.46  | 1.46  | 1.47  | 1.47  | 1.55  | 1.55  | 1.55  | 1.55  | 1.55  |
|    |               | TC  | 24195 | 24228 | 24254 | 24255 | 24288 | 25653 | 25684 | 25709 | 25714 | 25745 | 27186 | 27221 | 27252 | 27257 | 27287 | 28824 | 28855 | 28887 | 28891 | 28927 |
|    |               | S/T | 0.39  | 0.46  | 0.52  | 0.52  | 0.59  | 0.41  | 0.48  | 0.55  | 0.55  | 0.63  | 0.44  | 0.51  | 0.58  | 0.58  | 0.66  | 0.46  | 0.54  | 0.62  | 0.62  | 0.70  |
|    | -4°F(-20.0℃)  | PI  | 1.40  | 1.40  | 1.40  | 1.40  | 1.41  | 1.49  | 1.49  | 1.49  | 1.49  | 1.49  | 1.57  | 1.58  | 1.58  | 1.58  | 1.58  | 1.67  | 1.67  | 1.67  | 1.67  | 1.67  |
|    |               | TC  | 24963 | 24997 | 25024 | 25025 | 25059 | 26468 | 26499 | 26525 | 26531 | 26562 | 28049 | 28086 | 28117 | 28122 | 28154 | 29739 | 29772 | 29804 | 29809 | 29846 |
|    |               | S/T | 0.39  | 0.46  | 0.52  | 0.52  | 0.59  | 0.41  | 0.48  | 0.55  | 0.55  | 0.63  | 0.44  | 0.51  | 0.58  | 0.58  | 0.67  | 0.46  | 0.54  | 0.62  | 0.62  | 0.70  |
|    | 0°F(-17.8℃)   | PI  | 1.45  | 1.45  | 1.45  | 1.45  | 1.45  | 1.53  | 1.53  | 1.54  | 1.54  | 1.54  | 1.62  | 1.63  | 1.63  | 1.63  | 1.63  | 1.72  | 1.72  | 1.73  | 1.73  | 1.73  |
|    |               | TC  | 25924 | 25958 | 25986 | 25988 | 26023 | 27486 | 27518 | 27546 | 27551 | 27584 | 29128 | 29166 | 29198 | 29204 | 29236 | 30883 | 30917 | 30950 | 30955 | 30994 |
|    |               | S/T | 0.39  | 0.46  | 0.52  | 0.52  | 0.59  | 0.41  | 0.49  | 0.55  | 0.55  | 0.63  | 0.44  | 0.52  | 0.59  | 0.59  | 0.67  | 0.47  | 0.55  | 0.62  | 0.62  | 0.71  |
|    | 5°F(-15.0℃)   | PI  | 1.50  | 1.50  | 1.50  | 1.50  | 1.51  | 1.59  | 1.59  | 1.59  | 1.59  | 1.60  | 1.69  | 1.69  | 1.69  | 1.69  | 1.69  | 1.79  | 1.79  | 1.79  | 1.79  | 1.79  |
|    |               | TC  | 26181 | 26216 | 26244 | 26246 | 26281 | 27759 | 27792 | 27819 | 27825 | 27858 | 29417 | 29455 | 29488 | 29494 | 29527 | 31190 | 31224 | 31258 | 31262 | 31301 |
|    |               | S/T | 0.39  | 0.46  | 0.52  | 0.52  | 0.60  | 0.42  | 0.49  | 0.55  | 0.55  | 0.63  | 0.44  | 0.52  | 0.59  | 0.59  | 0.67  | 0.47  | 0.55  | 0.62  | 0.62  | 0.71  |
|    | 14°F(-10.0℃)  | PI  | 1.49  | 1.49  | 1.49  | 1.49  | 1.49  | 1.58  | 1.58  | 1.58  | 1.58  | 1.58  | 1.67  | 1.67  | 1.68  | 1.68  | 1.68  | 1.77  | 1.78  | 1.78  | 1.78  | 1.78  |
|    |               | TC  | 26267 | 26302 | 26330 | 26332 | 26367 | 27850 | 27883 | 27910 | 27916 | 27949 | 29514 | 29552 | 29585 | 29590 | 29623 | 31292 | 31326 | 31360 | 31365 | 31404 |
|    |               | S/T | 0.39  | 0.46  | 0.52  | 0.52  | 0.60  | 0.42  | 0.49  | 0.56  | 0.56  | 0.63  | 0.44  | 0.52  | 0.59  | 0.59  | 0.67  | 0.47  | 0.55  | 0.62  | 0.62  | 0.71  |
|    | 17°F(-8.3℃)   | PI  | 1.48  | 1.49  | 1.49  | 1.49  | 1.49  | 1.57  | 1.58  | 1.58  | 1.58  | 1.58  | 1.67  | 1.67  | 1.67  | 1.67  | 1.67  | 1.77  | 1.77  | 1.77  | 1.77  | 1.78  |
|    |               | TC  | 26481 | 26516 | 26545 | 26546 | 26582 | 28077 | 28110 | 28138 | 28143 | 28176 | 29754 | 29793 | 29826 | 29831 | 29865 | 31547 | 31581 | 31615 | 31620 | 31660 |
|    |               | S/T | 0.40  | 0.46  | 0.53  | 0.53  | 0.60  | 0.42  | 0.49  | 0.56  | 0.56  | 0.64  | 0.44  | 0.52  | 0.59  | 0.59  | 0.68  | 0.47  | 0.55  | 0.63  | 0.63  | 0.72  |
|    | 23°F(-5.0℃)   | PI  | 1.50  | 1.51  | 1.51  | 1.51  | 1.51  | 1.60  | 1.60  | 1.60  | 1.60  | 1.60  | 1.69  | 1.69  | 1.69  | 1.69  | 1.70  | 1.79  | 1.79  | 1.80  | 1.80  | 1.80  |
|    |               | TC  | 26908 | 26945 | 26974 | 26975 | 27011 | 28530 | 28564 | 28592 | 28598 | 28632 | 30234 | 30274 | 30307 | 30313 | 30347 | 32056 | 32091 | 32126 | 32131 | 32171 |
|    | 35°F(1.7℃)    | S/T | 0.40  | 0.47  | 0.53  | 0.53  | 0.60  | 0.42  | 0.49  | 0.56  | 0.56  | 0.64  | 0.45  | 0.52  | 0.60  | 0.60  | 0.68  | 0.47  | 0.56  | 0.63  | 0.63  | 0.72  |

|      |                    |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|--------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1288 |                    | PI  | 1.54  | 1.55  | 1.55  | 1.55  | 1.55  | 1.64  | 1.64  | 1.64  | 1.64  | 1.64  | 1.74  | 1.74  | 1.74  | 1.74  | 1.74  | 1.84  | 1.84  | 1.84  | 1.84  | 1.85  |
|      | 41°F(5.0°C)<br>)   | TC  | 27944 | 27982 | 28012 | 28013 | 28051 | 29628 | 29663 | 29692 | 29698 | 29734 | 31398 | 31439 | 31474 | 31480 | 31515 | 33290 | 33326 | 33362 | 33368 | 33409 |
|      |                    | S/T | 0.40  | 0.47  | 0.53  | 0.53  | 0.61  | 0.42  | 0.50  | 0.56  | 0.56  | 0.64  | 0.45  | 0.52  | 0.60  | 0.60  | 0.68  | 0.47  | 0.56  | 0.63  | 0.63  | 0.72  |
|      |                    | PI  | 1.65  | 1.65  | 1.65  | 1.65  | 1.66  | 1.75  | 1.75  | 1.75  | 1.75  | 1.75  | 1.85  | 1.86  | 1.86  | 1.86  | 1.86  | 1.96  | 1.97  | 1.97  | 1.97  | 1.97  |
|      | 47°F(8.3°C)<br>)   | TC  | 28980 | 29019 | 29050 | 29051 | 29090 | 30726 | 30763 | 30793 | 30799 | 30836 | 32562 | 32604 | 32640 | 32647 | 32683 | 34524 | 34561 | 34599 | 34604 | 34647 |
|      |                    | S/T | 0.40  | 0.47  | 0.53  | 0.53  | 0.61  | 0.42  | 0.50  | 0.56  | 0.56  | 0.64  | 0.45  | 0.53  | 0.60  | 0.60  | 0.68  | 0.48  | 0.56  | 0.63  | 0.63  | 0.72  |
|      |                    | PI  | 1.75  | 1.76  | 1.76  | 1.76  | 1.76  | 1.86  | 1.86  | 1.86  | 1.86  | 1.87  | 1.97  | 1.97  | 1.97  | 1.97  | 1.98  | 2.09  | 2.09  | 2.09  | 2.09  | 2.10  |
|      | 50°F(10.0°C)       | TC  | 28965 | 29004 | 29035 | 29036 | 29075 | 30710 | 30747 | 30777 | 30783 | 30820 | 32545 | 32587 | 32624 | 32630 | 32666 | 34506 | 34543 | 34581 | 34586 | 34629 |
|      |                    | S/T | 0.40  | 0.47  | 0.54  | 0.54  | 0.61  | 0.43  | 0.50  | 0.57  | 0.57  | 0.65  | 0.45  | 0.53  | 0.60  | 0.60  | 0.69  | 0.48  | 0.56  | 0.64  | 0.64  | 0.73  |
|      |                    | PI  | 1.81  | 1.81  | 1.81  | 1.81  | 1.81  | 1.92  | 1.92  | 1.92  | 1.92  | 1.92  | 2.03  | 2.03  | 2.04  | 2.04  | 2.04  | 2.15  | 2.16  | 2.16  | 2.16  | 2.16  |
|      | 59°F(15.0°C)       | TC  | 28920 | 28958 | 28990 | 28991 | 29030 | 30662 | 30699 | 30729 | 30735 | 30772 | 32494 | 32536 | 32573 | 32579 | 32615 | 34452 | 34490 | 34527 | 34532 | 34575 |
|      |                    | S/T | 0.40  | 0.47  | 0.54  | 0.54  | 0.61  | 0.43  | 0.50  | 0.57  | 0.57  | 0.65  | 0.45  | 0.53  | 0.60  | 0.60  | 0.69  | 0.48  | 0.56  | 0.64  | 0.64  | 0.73  |
|      |                    | PI  | 1.97  | 1.97  | 1.97  | 1.97  | 1.98  | 2.09  | 2.09  | 2.09  | 2.09  | 2.10  | 2.21  | 2.22  | 2.22  | 2.22  | 2.22  | 2.35  | 2.35  | 2.35  | 2.35  | 2.35  |
|      | 68°F(20.0°C)       | TC  | 28874 | 28913 | 28944 | 28946 | 28985 | 30615 | 30651 | 30681 | 30687 | 30724 | 32444 | 32486 | 32522 | 32528 | 32564 | 34398 | 34436 | 34473 | 34479 | 34522 |
|      |                    | S/T | 0.41  | 0.49  | 0.55  | 0.55  | 0.63  | 0.44  | 0.51  | 0.59  | 0.59  | 0.67  | 0.47  | 0.55  | 0.62  | 0.62  | 0.71  | 0.49  | 0.58  | 0.66  | 0.66  | 0.75  |
|      |                    | PI  | 2.13  | 2.13  | 2.14  | 2.14  | 2.14  | 2.26  | 2.26  | 2.27  | 2.27  | 2.27  | 2.40  | 2.40  | 2.40  | 2.40  | 2.40  | 2.54  | 2.54  | 2.55  | 2.55  | 2.55  |
|      | 77°F(25.0°C)       | TC  | 28829 | 28868 | 28899 | 28900 | 28939 | 30567 | 30603 | 30633 | 30639 | 30676 | 32393 | 32435 | 32471 | 32477 | 32513 | 34345 | 34382 | 34419 | 34425 | 34468 |
|      |                    | S/T | 0.42  | 0.49  | 0.56  | 0.56  | 0.64  | 0.44  | 0.52  | 0.59  | 0.59  | 0.68  | 0.47  | 0.55  | 0.63  | 0.63  | 0.72  | 0.50  | 0.59  | 0.67  | 0.67  | 0.76  |
|      |                    | PI  | 2.29  | 2.30  | 2.30  | 2.30  | 2.30  | 2.43  | 2.44  | 2.44  | 2.44  | 2.44  | 2.58  | 2.58  | 2.58  | 2.58  | 2.59  | 2.73  | 2.74  | 2.74  | 2.74  | 2.74  |
|      | 82°F(27.8°C)       | TC  | 29192 | 29231 | 29263 | 29264 | 29304 | 30951 | 30988 | 31019 | 31025 | 31062 | 32800 | 32843 | 32880 | 32886 | 32923 | 34777 | 34815 | 34852 | 34858 | 34901 |
|      |                    | S/T | 0.42  | 0.50  | 0.57  | 0.57  | 0.65  | 0.45  | 0.53  | 0.60  | 0.60  | 0.68  | 0.48  | 0.56  | 0.64  | 0.64  | 0.73  | 0.51  | 0.59  | 0.67  | 0.67  | 0.77  |
|      |                    | PI  | 2.42  | 2.42  | 2.42  | 2.42  | 2.42  | 2.56  | 2.56  | 2.57  | 2.57  | 2.57  | 2.71  | 2.72  | 2.72  | 2.72  | 2.72  | 2.88  | 2.88  | 2.88  | 2.88  | 2.89  |
|      | 86°F(30.0°C)       | TC  | 29972 | 30012 | 30044 | 30046 | 30086 | 31778 | 31816 | 31847 | 31853 | 31891 | 33676 | 33720 | 33758 | 33764 | 33802 | 35706 | 35744 | 35783 | 35789 | 35833 |
|      |                    | S/T | 0.43  | 0.50  | 0.57  | 0.57  | 0.65  | 0.46  | 0.54  | 0.61  | 0.61  | 0.69  | 0.48  | 0.57  | 0.64  | 0.64  | 0.73  | 0.51  | 0.60  | 0.68  | 0.68  | 0.78  |
|      |                    | PI  | 2.55  | 2.56  | 2.56  | 2.56  | 2.56  | 2.71  | 2.71  | 2.71  | 2.71  | 2.72  | 2.87  | 2.87  | 2.88  | 2.88  | 2.88  | 3.04  | 3.04  | 3.05  | 3.05  | 3.05  |
|      | 95°F(35.0°C)       | TC  | 31726 | 31768 | 31803 | 31804 | 31847 | 33638 | 33678 | 33711 | 33718 | 33758 | 35647 | 35694 | 35734 | 35740 | 35780 | 37795 | 37836 | 37878 | 37883 | 37931 |
|      |                    | S/T | 0.43  | 0.50  | 0.57  | 0.57  | 0.65  | 0.46  | 0.54  | 0.61  | 0.61  | 0.69  | 0.48  | 0.57  | 0.64  | 0.64  | 0.73  | 0.51  | 0.60  | 0.68  | 0.68  | 0.78  |
|      |                    | PI  | 2.86  | 2.86  | 2.87  | 2.87  | 2.87  | 3.03  | 3.04  | 3.04  | 3.04  | 3.04  | 3.21  | 3.22  | 3.22  | 3.22  | 3.23  | 3.41  | 3.41  | 3.42  | 3.42  | 3.42  |
|      | 104°F(40.0°C)      | TC  | 26328 | 26363 | 26392 | 26393 | 26428 | 27914 | 27948 | 27975 | 27981 | 28014 | 29582 | 29621 | 29654 | 29659 | 29692 | 31365 | 31399 | 31433 | 31438 | 31477 |
|      |                    | S/T | 0.44  | 0.52  | 0.59  | 0.59  | 0.67  | 0.47  | 0.55  | 0.62  | 0.62  | 0.71  | 0.50  | 0.58  | 0.66  | 0.66  | 0.75  | 0.53  | 0.62  | 0.70  | 0.70  | 0.80  |
|      |                    | PI  | 3.12  | 3.12  | 3.13  | 3.13  | 3.13  | 3.31  | 3.31  | 3.31  | 3.32  | 3.32  | 3.50  | 3.51  | 3.51  | 3.51  | 3.52  | 3.72  | 3.72  | 3.72  | 3.72  | 3.73  |
|      | 110°F(43.0°C)      | TC  | 23089 | 23120 | 23145 | 23146 | 23177 | 24481 | 24510 | 24534 | 24539 | 24568 | 25943 | 25977 | 26006 | 26011 | 26040 | 27506 | 27536 | 27566 | 27570 | 27605 |
|      |                    | S/T | 0.46  | 0.54  | 0.61  | 0.61  | 0.69  | 0.48  | 0.57  | 0.65  | 0.65  | 0.74  | 0.51  | 0.60  | 0.68  | 0.68  | 0.78  | 0.54  | 0.64  | 0.73  | 0.73  | 0.83  |
|      |                    | PI  | 3.27  | 3.28  | 3.28  | 3.28  | 3.29  | 3.47  | 3.48  | 3.48  | 3.48  | 3.48  | 3.68  | 3.68  | 3.69  | 3.69  | 3.69  | 3.90  | 3.91  | 3.91  | 3.91  | 3.91  |
|      | 115°F(46.0°C)      | TC  | 18528 | 18553 | 18573 | 18574 | 18599 | 19644 | 19668 | 19687 | 19691 | 19714 | 20818 | 20845 | 20868 | 20872 | 20896 | 22072 | 22096 | 22120 | 22124 | 22151 |
|      |                    | S/T | 0.46  | 0.54  | 0.62  | 0.62  | 0.70  | 0.49  | 0.58  | 0.65  | 0.65  | 0.75  | 0.52  | 0.61  | 0.69  | 0.69  | 0.79  | 0.55  | 0.65  | 0.73  | 0.73  | 0.84  |
|      |                    | PI  | 2.67  | 2.68  | 2.68  | 2.68  | 2.68  | 2.84  | 2.84  | 2.84  | 2.84  | 2.85  | 3.00  | 3.01  | 3.01  | 3.01  | 3.02  | 3.19  | 3.19  | 3.19  | 3.19  | 3.20  |
|      | 122°F(50.0°C)      | TC  | 12446 | 12463 | 12476 | 12477 | 12494 | 13196 | 13212 | 13225 | 13228 | 13243 | 13985 | 14003 | 14019 | 14021 | 14037 | 14827 | 14843 | 14860 | 14862 | 14880 |
|      |                    | S/T | 0.47  | 0.56  | 0.63  | 0.63  | 0.72  | 0.50  | 0.59  | 0.67  | 0.67  | 0.76  | 0.53  | 0.62  | 0.71  | 0.71  | 0.81  | 0.56  | 0.66  | 0.75  | 0.75  | 0.86  |
|      |                    | PI  | 1.87  | 1.88  | 1.88  | 1.88  | 1.88  | 1.99  | 1.99  | 1.99  | 1.99  | 1.99  | 2.11  | 2.11  | 2.11  | 2.11  | 2.11  | 2.23  | 2.23  | 2.24  | 2.24  | 2.24  |
|      | -22°F<br>(-30.0°C) | TC  | 25743 | 25778 | 25806 | 25807 | 25841 | 27295 | 27327 | 27354 | 27359 | 27392 | 28925 | 28963 | 28995 | 29000 | 29033 | 30668 | 30701 | 30735 | 30740 | 30778 |
|      |                    | S/T | 0.48  | 0.56  | 0.63  | 0.63  | 0.72  | 0.50  | 0.59  | 0.67  | 0.67  | 0.77  | 0.53  | 0.63  | 0.71  | 0.71  | 0.81  | 0.57  | 0.67  | 0.76  | 0.76  | 0.86  |
|      |                    |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |

|      |                   |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|-------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1647 | 5°F<br>(-15.0°C)  | S/T | 0.49  | 0.57  | 0.65  | 0.65  | 0.74  | 0.51  | 0.60  | 0.69  | 0.69  | 0.78  | 0.55  | 0.64  | 0.73  | 0.73  | 0.83  | 0.58  | 0.68  | 0.77  | 0.77  | 0.88  |
|      |                   | PI  | 1.86  | 1.87  | 1.87  | 1.87  | 1.87  | 1.98  | 1.98  | 1.98  | 1.98  | 1.98  | 2.09  | 2.10  | 2.10  | 2.10  | 2.10  | 2.22  | 2.22  | 2.22  | 2.22  | 2.23  |
|      | 14°F<br>(-10.0°C) | TC  | 32498 | 32542 | 32577 | 32579 | 32623 | 34457 | 34498 | 34532 | 34539 | 34580 | 36516 | 36563 | 36604 | 36611 | 36651 | 38716 | 38758 | 38800 | 38806 | 38854 |
|      |                   | S/T | 0.49  | 0.57  | 0.65  | 0.65  | 0.74  | 0.52  | 0.61  | 0.69  | 0.69  | 0.78  | 0.55  | 0.64  | 0.73  | 0.73  | 0.83  | 0.58  | 0.68  | 0.77  | 0.77  | 0.88  |
|      |                   | PI  | 1.85  | 1.85  | 1.85  | 1.85  | 1.85  | 1.96  | 1.96  | 1.96  | 1.96  | 1.97  | 2.08  | 2.08  | 2.08  | 2.08  | 2.08  | 2.20  | 2.20  | 2.21  | 2.21  | 2.21  |
|      | 17°F<br>(-8.3°C)  | TC  | 32605 | 32649 | 32684 | 32685 | 32730 | 34570 | 34611 | 34645 | 34652 | 34693 | 36635 | 36683 | 36724 | 36731 | 36772 | 38843 | 38885 | 38927 | 38933 | 38982 |
|      |                   | S/T | 0.49  | 0.57  | 0.65  | 0.65  | 0.74  | 0.52  | 0.61  | 0.69  | 0.69  | 0.79  | 0.55  | 0.64  | 0.73  | 0.73  | 0.83  | 0.58  | 0.68  | 0.78  | 0.78  | 0.88  |
|      |                   | PI  | 1.84  | 1.85  | 1.85  | 1.85  | 1.85  | 1.95  | 1.96  | 1.96  | 1.96  | 1.96  | 2.07  | 2.07  | 2.08  | 2.08  | 2.08  | 2.20  | 2.20  | 2.20  | 2.20  | 2.20  |
|      | 23°F<br>(-5.0°C)  | TC  | 32870 | 32915 | 32950 | 32952 | 32996 | 34851 | 34893 | 34927 | 34934 | 34975 | 36934 | 36982 | 37023 | 37030 | 37071 | 39159 | 39201 | 39244 | 39250 | 39299 |
|      |                   | S/T | 0.49  | 0.58  | 0.65  | 0.65  | 0.75  | 0.52  | 0.61  | 0.69  | 0.69  | 0.79  | 0.55  | 0.65  | 0.74  | 0.74  | 0.84  | 0.58  | 0.69  | 0.78  | 0.78  | 0.89  |
|      |                   | PI  | 1.87  | 1.87  | 1.87  | 1.87  | 1.87  | 1.98  | 1.98  | 1.98  | 1.98  | 1.99  | 2.10  | 2.10  | 2.10  | 2.10  | 2.11  | 2.22  | 2.23  | 2.23  | 2.23  | 2.23  |
|      | 35°F(1.7°C)       | TC  | 33401 | 33446 | 33482 | 33484 | 33529 | 35414 | 35456 | 35491 | 35498 | 35540 | 37530 | 37579 | 37621 | 37628 | 37670 | 39791 | 39835 | 39878 | 39884 | 39934 |
|      |                   | S/T | 0.49  | 0.58  | 0.66  | 0.66  | 0.75  | 0.52  | 0.61  | 0.70  | 0.70  | 0.79  | 0.55  | 0.65  | 0.74  | 0.74  | 0.84  | 0.59  | 0.69  | 0.78  | 0.78  | 0.89  |
|      |                   | PI  | 1.92  | 1.92  | 1.92  | 1.92  | 1.92  | 2.03  | 2.04  | 2.04  | 2.04  | 2.04  | 2.15  | 2.16  | 2.16  | 2.16  | 2.16  | 2.28  | 2.29  | 2.29  | 2.29  | 2.29  |
|      | 41°F(5.0°C )      | TC  | 34687 | 34734 | 34771 | 34773 | 34819 | 36777 | 36821 | 36857 | 36864 | 36908 | 38975 | 39025 | 39069 | 39076 | 39120 | 41323 | 41368 | 41413 | 41419 | 41471 |
|      |                   | S/T | 0.49  | 0.58  | 0.66  | 0.66  | 0.75  | 0.52  | 0.61  | 0.70  | 0.70  | 0.80  | 0.56  | 0.65  | 0.74  | 0.74  | 0.84  | 0.59  | 0.69  | 0.78  | 0.78  | 0.89  |
|      |                   | PI  | 2.05  | 2.05  | 2.05  | 2.05  | 2.05  | 2.17  | 2.17  | 2.17  | 2.18  | 2.18  | 2.30  | 2.30  | 2.31  | 2.31  | 2.31  | 2.44  | 2.44  | 2.44  | 2.44  | 2.45  |
|      | 47°F(8.3°C )      | TC  | 35972 | 36021 | 36060 | 36061 | 36110 | 38140 | 38186 | 38223 | 38231 | 38276 | 40419 | 40472 | 40517 | 40524 | 40569 | 42854 | 42901 | 42948 | 42954 | 43008 |
|      |                   | S/T | 0.50  | 0.58  | 0.66  | 0.66  | 0.75  | 0.53  | 0.62  | 0.70  | 0.70  | 0.80  | 0.56  | 0.65  | 0.74  | 0.74  | 0.85  | 0.59  | 0.69  | 0.79  | 0.79  | 0.90  |
|      |                   | PI  | 2.18  | 2.18  | 2.18  | 2.18  | 2.18  | 2.31  | 2.31  | 2.31  | 2.31  | 2.32  | 2.45  | 2.45  | 2.45  | 2.45  | 2.45  | 2.59  | 2.60  | 2.60  | 2.60  | 2.60  |
|      | 50°F(10.0°C)      | TC  | 35954 | 36002 | 36041 | 36043 | 36091 | 38121 | 38166 | 38203 | 38211 | 38256 | 40398 | 40451 | 40496 | 40503 | 40548 | 42832 | 42879 | 42925 | 42932 | 42985 |
|      |                   | S/T | 0.50  | 0.58  | 0.66  | 0.66  | 0.76  | 0.53  | 0.62  | 0.70  | 0.70  | 0.80  | 0.56  | 0.66  | 0.75  | 0.75  | 0.85  | 0.59  | 0.70  | 0.79  | 0.79  | 0.90  |
|      |                   | PI  | 2.24  | 2.25  | 2.25  | 2.25  | 2.25  | 2.38  | 2.38  | 2.38  | 2.38  | 2.39  | 2.52  | 2.52  | 2.53  | 2.53  | 2.53  | 2.67  | 2.68  | 2.68  | 2.68  | 2.68  |
|      | 59°F(15.0°C)      | TC  | 35898 | 35946 | 35985 | 35986 | 36035 | 38061 | 38106 | 38144 | 38151 | 38197 | 40335 | 40388 | 40433 | 40440 | 40485 | 42765 | 42812 | 42858 | 42865 | 42919 |
|      |                   | S/T | 0.50  | 0.59  | 0.67  | 0.67  | 0.76  | 0.53  | 0.62  | 0.71  | 0.71  | 0.81  | 0.56  | 0.66  | 0.75  | 0.75  | 0.86  | 0.60  | 0.70  | 0.80  | 0.80  | 0.91  |
|      |                   | PI  | 2.44  | 2.45  | 2.45  | 2.45  | 2.45  | 2.59  | 2.60  | 2.60  | 2.60  | 2.60  | 2.75  | 2.75  | 2.75  | 2.75  | 2.76  | 2.91  | 2.92  | 2.92  | 2.92  | 2.92  |
|      | 68°F(20.0°C)      | TC  | 35842 | 35890 | 35929 | 35930 | 35979 | 38002 | 38047 | 38084 | 38092 | 38137 | 40272 | 40325 | 40369 | 40377 | 40422 | 42699 | 42745 | 42792 | 42798 | 42852 |
|      |                   | S/T | 0.51  | 0.60  | 0.69  | 0.69  | 0.78  | 0.54  | 0.64  | 0.73  | 0.73  | 0.83  | 0.58  | 0.68  | 0.77  | 0.77  | 0.88  | 0.61  | 0.72  | 0.82  | 0.82  | 0.93  |
|      |                   | PI  | 2.65  | 2.65  | 2.65  | 2.65  | 2.66  | 2.81  | 2.81  | 2.81  | 2.81  | 2.82  | 2.97  | 2.98  | 2.98  | 2.98  | 2.98  | 3.15  | 3.16  | 3.16  | 3.16  | 3.16  |
|      | 77°F(25.0°C)      | TC  | 35786 | 35834 | 35873 | 35874 | 35923 | 37942 | 37987 | 38025 | 38032 | 38078 | 40209 | 40262 | 40306 | 40314 | 40359 | 42632 | 42678 | 42725 | 42731 | 42785 |
|      |                   | S/T | 0.52  | 0.61  | 0.69  | 0.69  | 0.79  | 0.55  | 0.65  | 0.74  | 0.74  | 0.84  | 0.59  | 0.69  | 0.78  | 0.78  | 0.89  | 0.62  | 0.73  | 0.83  | 0.83  | 0.94  |
|      |                   | PI  | 2.85  | 2.85  | 2.85  | 2.85  | 2.86  | 3.02  | 3.02  | 3.03  | 3.03  | 3.03  | 3.20  | 3.20  | 3.21  | 3.21  | 3.21  | 3.39  | 3.40  | 3.40  | 3.40  | 3.40  |
|      | 82°F(27.8°C)      | TC  | 36236 | 36285 | 36324 | 36326 | 36375 | 38420 | 38465 | 38503 | 38511 | 38557 | 40715 | 40768 | 40814 | 40821 | 40867 | 43168 | 43215 | 43262 | 43269 | 43323 |
|      |                   | S/T | 0.53  | 0.62  | 0.70  | 0.70  | 0.80  | 0.56  | 0.66  | 0.75  | 0.75  | 0.85  | 0.59  | 0.70  | 0.79  | 0.79  | 0.90  | 0.63  | 0.74  | 0.84  | 0.84  | 0.95  |
|      |                   | PI  | 3.00  | 3.00  | 3.01  | 3.01  | 3.01  | 3.18  | 3.18  | 3.19  | 3.19  | 3.19  | 3.37  | 3.37  | 3.38  | 3.38  | 3.38  | 3.57  | 3.58  | 3.58  | 3.58  | 3.58  |
|      | 86°F(30.0°C)      | TC  | 37204 | 37254 | 37294 | 37296 | 37346 | 39446 | 39493 | 39532 | 39539 | 39586 | 41803 | 41857 | 41904 | 41911 | 41958 | 44321 | 44369 | 44418 | 44425 | 44480 |
|      |                   | S/T | 0.53  | 0.63  | 0.71  | 0.71  | 0.81  | 0.57  | 0.66  | 0.75  | 0.75  | 0.86  | 0.60  | 0.70  | 0.80  | 0.80  | 0.91  | 0.64  | 0.75  | 0.85  | 0.85  | 0.97  |
|      |                   | PI  | 3.17  | 3.17  | 3.18  | 3.18  | 3.18  | 3.36  | 3.36  | 3.37  | 3.37  | 3.37  | 3.56  | 3.56  | 3.57  | 3.57  | 3.57  | 3.77  | 3.78  | 3.78  | 3.78  | 3.79  |
|      | 95°F(35.0°C)      | TC  | 39381 | 39434 | 39477 | 39478 | 39532 | 41755 | 41804 | 41845 | 41854 | 41903 | 44249 | 44307 | 44356 | 44364 | 44414 | 46915 | 46966 | 47017 | 47025 | 47083 |
|      |                   | S/T | 0.53  | 0.63  | 0.71  | 0.71  | 0.81  | 0.57  | 0.66  | 0.75  | 0.75  | 0.86  | 0.60  | 0.70  | 0.80  | 0.80  | 0.91  | 0.64  | 0.75  | 0.85  | 0.85  | 0.97  |
|      |                   | PI  | 3.55  | 3.56  | 3.56  | 3.56  | 3.56  | 3.77  | 3.77  | 3.77  | 3.77  | 3.78  | 3.99  | 4.00  | 4.00  | 4.00  | 4.01  | 4.23  | 4.24  | 4.24  | 4.24  | 4.25  |
|      | 104°F(40.0°C)     | TC  | 32681 | 32725 | 32760 | 32761 | 32806 | 34650 | 34691 | 34726 | 34732 | 34774 | 36720 | 36768 | 36809 | 36816 | 36857 | 38933 | 38975 | 39018 | 39024 | 39072 |
|      |                   | S/T | 0.55  | 0.64  | 0.73  | 0.73  | 0.83  | 0.58  | 0.68  | 0.77  | 0.77  | 0.88  | 0.62  | 0.72  | 0.82  | 0.82  | 0.93  | 0.65  | 0.76  | 0.87  | 0.87  | 0.99  |
|      |                   | PI  | 3.87  | 3.88  | 3.88  | 3.88  | 3.89  | 4.11  | 4.11  | 4.11  | 4.12  | 4.12  | 4.35  | 4.36  | 4.36  | 4.36  | 4.37  | 4.61  | 4.62  | 4.62  | 4.62  | 4.63  |
|      | 110°F(43.0°C)     | TC  | 28660 | 28699 | 28730 | 28731 | 28770 | 30388 | 30424 | 30454 | 30460 | 30496 | 32203 | 32245 | 32281 | 32287 | 32323 | 34143 | 34181 | 34218 | 34223 | 34266 |
|      |                   | S/T | 0.57  | 0.67  | 0.76  | 0.76  | 0.86  | 0.60  | 0.71  | 0.80  | 0.80  | 0.91  | 0.64  | 0.75  | 0.85  | 0.85  | 0.97  | 0.68  | 0.79  | 0.90  | 0.90  | 1.00  |
|      |                   | PI  | 4.06  | 4.07  | 4.07  | 4.07  | 4.08  | 4.31  | 4.31  | 4.32  | 4.32  | 4.32  | 4.57  | 4.57  | 4.58  | 4.58  | 4.58  | 4.84  | 4.85  | 4.85  | 4.85  | 4.86  |
|      | 115°F(46.0°C)     | TC  | 22999 | 23030 | 23054 | 23055 | 23087 | 24385 | 24414 | 24438 | 24442 | 24471 | 25841 | 25875 | 25904 | 25909 | 25938 | 27399 | 27428 | 27458 | 27462 | 27497 |
|      |                   | S/T | 0.57  | 0.67  | 0.77  | 0.77  | 0.87  | 0.61  | 0.71  | 0.81  | 0.81  | 0.92  | 0.65  | 0.76  | 0.86  | 0.86  | 0.98  | 0.68  | 0.80  | 0.91  | 0.91  | 1.00  |
|      |                   | PI  | 3.32  | 3.32  | 3.33  | 3.33  | 3.33  | 3.52  | 3.52  | 3.53  | 3.53  | 3.53  | 3.73  | 3.73  | 3.74  | 3.74  | 3.74  | 3.95  | 3.96  | 3.96  | 3.96  | 3.97  |
|      | 122°F(50.0°C)     | TC  | 15450 | 15470 | 15487 | 15488 | 15509 | 16381 | 16400 | 16416 | 16419 | 16439 | 17359 | 17382 | 17401 | 17404 | 17424 | 18405 | 18425 | 18445 | 18448 | 18471 |
|      |                   | S/T | 0.59  | 0.69  | 0.78  | 0.78  | 0.89  | 0.62  | 0.73  | 0.83  | 0.83  | 0.95  | 0.66  | 0.77  | 0.88  | 0.88  | 1.00  | 0.70  | 0.82  | 0.93  | 0.93  | 1.00  |
|      |                   | PI  | 2.33  | 2.33  | 2.33  | 2.33  | 2.34  | 2.47  | 2.47  | 2.47  | 2.47  | 2.48  | 2.61  | 2.62  | 2.62  | 2.62  | 2.62  | 2.77  | 2.77  | 2.78  | 2.78  | 2.78  |

**TC:Total Cooling Capacity (BTU/hr)**

**S/T:Sensible Cooling Capacity Ratio**

**PI:Power Input(kW)**

**Extrapolatred Data**

**The data highlighed in green are tested, other data are simulated and for reference only**