

**Aspen Compressor, LLC**

**Performance Chart**

**Model# 3.8cc Twin Series**

**Refrigerant: HFC-134a**

**CAPACITY (WATTS)**

| Condenser Temperature (°F) | Compressor Speed (RPM) | Evaporator Temperature (°F) |     |     |     |      |      |      |
|----------------------------|------------------------|-----------------------------|-----|-----|-----|------|------|------|
|                            |                        | 10                          | 20  | 30  | 40  | 50   | 60   | 70   |
| 100                        | 3000                   | 164                         | 240 | 315 | 426 | 537  | 692  | 846  |
|                            | 4000                   | 231                         | 327 | 422 | 557 | 692  | 890  | 1087 |
|                            | 4500                   | 265                         | 371 | 476 | 623 | 770  | 989  | 1207 |
|                            | 5000                   | 298                         | 413 | 528 | 689 | 850  | 1087 | 1325 |
|                            | 6000                   | 363                         | 498 | 633 | 821 | 1009 | 1285 | 1560 |

| Condenser Temperature (°F) | Compressor Speed (RPM) | Evaporator Temperature (°F) |     |     |     |     |      |      |
|----------------------------|------------------------|-----------------------------|-----|-----|-----|-----|------|------|
|                            |                        | 10                          | 20  | 30  | 40  | 50  | 60   | 70   |
| 120                        | 3000                   | 144                         | 215 | 285 | 382 | 478 | 612  | 745  |
|                            | 4000                   | 200                         | 292 | 384 | 503 | 623 | 808  | 994  |
|                            | 4500                   | 228                         | 331 | 433 | 564 | 695 | 907  | 1118 |
|                            | 5000                   | 261                         | 371 | 480 | 625 | 769 | 995  | 1221 |
|                            | 6000                   | 327                         | 451 | 574 | 746 | 917 | 1173 | 1428 |

| Condenser Temperature (°F) | Compressor Speed (RPM) | Evaporator Temperature (°F) |     |     |     |     |     |      |
|----------------------------|------------------------|-----------------------------|-----|-----|-----|-----|-----|------|
|                            |                        | 10                          | 20  | 30  | 40  | 50  | 60  | 70   |
| 140                        | 3000                   | 114                         | 171 | 227 | 317 | 407 | 534 | 661  |
|                            | 4000                   | 169                         | 253 | 336 | 445 | 554 | 722 | 890  |
|                            | 4500                   | 197                         | 294 | 390 | 509 | 628 | 817 | 1005 |
|                            | 5000                   | 226                         | 327 | 428 | 548 | 669 | 850 | 1031 |
|                            | 6000                   | 285                         | 394 | 503 | 626 | 750 | 917 | 1083 |

Note: all data points are with 10°F Superheat and 8°F Subcooling with HFC-134a

**Aspen Compressor, LLC**  
**Performance Chart**  
**Model# 3.8cc Twin Series**  
**Refrigerant: HFC-134a**  
**CAPACITY (BTU/hr)**

| Condenser Temperature (°F) | Compressor Speed (RPM) | Evaporator Temperature (°F) |      |      |      |      |      |      |
|----------------------------|------------------------|-----------------------------|------|------|------|------|------|------|
|                            |                        | 10                          | 20   | 30   | 40   | 50   | 60   | 70   |
| 100                        | 3000                   | 560                         | 818  | 1076 | 1455 | 1834 | 2362 | 2889 |
|                            | 4000                   | 790                         | 1116 | 1442 | 1903 | 2364 | 3038 | 3711 |
|                            | 4500                   | 905                         | 1265 | 1626 | 2128 | 2630 | 3376 | 4122 |
|                            | 5000                   | 1017                        | 1410 | 1804 | 2353 | 2902 | 3713 | 4524 |
|                            | 6000                   | 1240                        | 1701 | 2162 | 2804 | 3446 | 4387 | 5328 |

| Condenser Temperature (°F) | Compressor Speed (RPM) | Evaporator Temperature (°F) |      |      |      |      |      |      |
|----------------------------|------------------------|-----------------------------|------|------|------|------|------|------|
|                            |                        | 10                          | 20   | 30   | 40   | 50   | 60   | 70   |
| 120                        | 3000                   | 492                         | 733  | 973  | 1303 | 1632 | 2088 | 2544 |
|                            | 4000                   | 683                         | 997  | 1310 | 1718 | 2127 | 2760 | 3394 |
|                            | 4500                   | 779                         | 1129 | 1479 | 1926 | 2374 | 3096 | 3818 |
|                            | 5000                   | 891                         | 1265 | 1639 | 2133 | 2626 | 3399 | 4171 |
|                            | 6000                   | 1117                        | 1539 | 1960 | 2546 | 3132 | 4004 | 4877 |

| Condenser Temperature (°F) | Compressor Speed (RPM) | Evaporator Temperature (°F) |      |      |      |      |      |      |
|----------------------------|------------------------|-----------------------------|------|------|------|------|------|------|
|                            |                        | 10                          | 20   | 30   | 40   | 50   | 60   | 70   |
| 140                        | 3000                   | 389                         | 582  | 775  | 1083 | 1390 | 1824 | 2257 |
|                            | 4000                   | 578                         | 862  | 1146 | 1520 | 1893 | 2467 | 3041 |
|                            | 4500                   | 673                         | 1002 | 1332 | 1738 | 2145 | 2788 | 3432 |
|                            | 5000                   | 773                         | 1117 | 1461 | 1872 | 2283 | 2902 | 3521 |
|                            | 6000                   | 973                         | 1346 | 1718 | 2139 | 2561 | 3130 | 3700 |

Note: all data points are with 10°F Superheat and 8°F Subcooling with HFC-134a

**Aspen Compressor, LLC**  
**Performance Chart**  
**Model# 3.8cc Twin Series**  
**Refrigerant: HFC-134a**  
**COEFFICIENT OF PERFORMANCE**

| Condenser Temperature (°F) | Compressor Speed (RPM) | Evaporator Temperature (°F) |      |      |      |      |      |      |
|----------------------------|------------------------|-----------------------------|------|------|------|------|------|------|
|                            |                        | 10                          | 20   | 30   | 40   | 50   | 60   | 70   |
| 100                        | 3000                   | 1.58                        | 2.18 | 2.78 | 3.76 | 4.74 | 6.79 | 8.84 |
|                            | 4000                   | 1.71                        | 2.30 | 2.89 | 3.82 | 4.74 | 6.64 | 8.53 |
|                            | 4500                   | 1.78                        | 2.37 | 2.95 | 3.85 | 4.74 | 6.56 | 8.37 |
|                            | 5000                   | 1.81                        | 2.38 | 2.95 | 3.80 | 4.66 | 6.36 | 8.06 |
|                            | 6000                   | 1.88                        | 2.41 | 2.94 | 3.71 | 4.49 | 5.96 | 7.44 |

| Condenser Temperature (°F) | Compressor Speed (RPM) | Evaporator Temperature (°F) |      |      |      |      |      |      |
|----------------------------|------------------------|-----------------------------|------|------|------|------|------|------|
|                            |                        | 10                          | 20   | 30   | 40   | 50   | 60   | 70   |
| 120                        | 3000                   | 1.18                        | 1.58 | 1.99 | 2.56 | 3.14 | 4.04 | 4.95 |
|                            | 4000                   | 1.27                        | 1.68 | 2.09 | 2.63 | 3.17 | 4.15 | 5.12 |
|                            | 4500                   | 1.32                        | 1.73 | 2.13 | 2.66 | 3.19 | 4.20 | 5.20 |
|                            | 5000                   | 1.36                        | 1.75 | 2.14 | 2.67 | 3.19 | 4.13 | 5.06 |
|                            | 6000                   | 1.43                        | 1.80 | 2.16 | 2.67 | 3.19 | 3.99 | 4.79 |

| Condenser Temperature (°F) | Compressor Speed (RPM) | Evaporator Temperature (°F) |      |      |      |      |      |      |
|----------------------------|------------------------|-----------------------------|------|------|------|------|------|------|
|                            |                        | 10                          | 20   | 30   | 40   | 50   | 60   | 70   |
| 140                        | 3000                   | 0.79                        | 1.04 | 1.29 | 1.67 | 2.05 | 2.61 | 3.17 |
|                            | 4000                   | 0.91                        | 1.21 | 1.50 | 1.85 | 2.20 | 2.76 | 3.32 |
|                            | 4500                   | 0.97                        | 1.29 | 1.61 | 1.94 | 2.27 | 2.84 | 3.40 |
|                            | 5000                   | 1.00                        | 1.29 | 1.59 | 1.90 | 2.21 | 2.74 | 3.27 |
|                            | 6000                   | 1.05                        | 1.30 | 1.56 | 1.82 | 2.08 | 2.55 | 3.01 |

Note: all data points are with 10°F Superheat and 8°F Subcooling with HFC-134a

**Aspen Compressor, LLC**

**Performance Chart**

**Model# 3.8cc Twin Series**

**Refrigerant: HFC-134a**

**INPUT POWER (WATTS)**

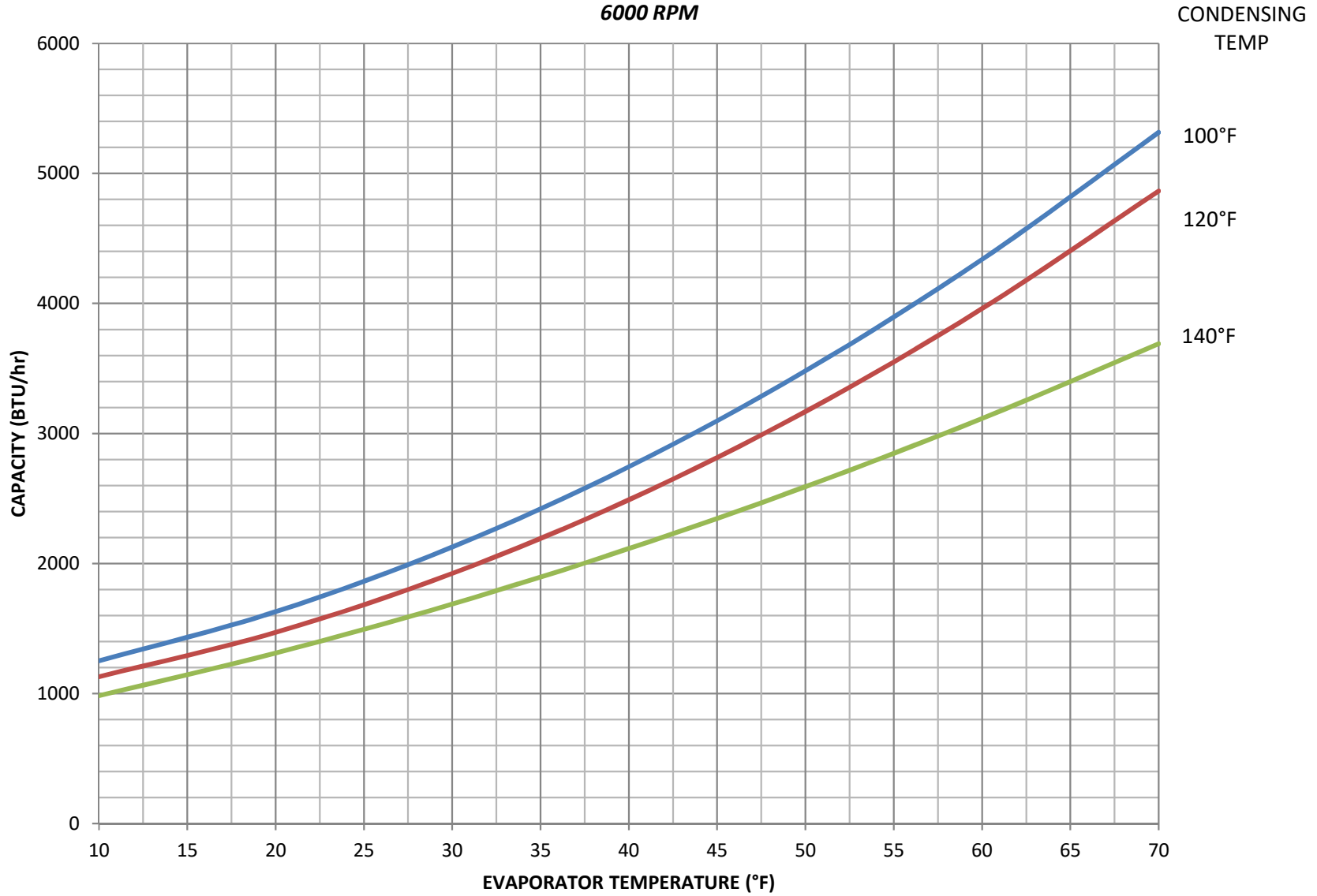
| Condenser Temperature (°F) | Compressor Speed (RPM) | Evaporator Temperature (°F) |     |     |     |     |     |     |
|----------------------------|------------------------|-----------------------------|-----|-----|-----|-----|-----|-----|
|                            |                        | 10                          | 20  | 30  | 40  | 50  | 60  | 70  |
| 100                        | 3000                   | 104                         | 110 | 113 | 113 | 113 | 102 | 96  |
|                            | 4000                   | 135                         | 142 | 146 | 146 | 146 | 134 | 127 |
|                            | 4500                   | 149                         | 156 | 161 | 162 | 162 | 151 | 144 |
|                            | 5000                   | 164                         | 174 | 179 | 181 | 182 | 171 | 164 |
|                            | 6000                   | 193                         | 207 | 216 | 221 | 225 | 215 | 210 |

| Condenser Temperature (°F) | Compressor Speed (RPM) | Evaporator Temperature (°F) |     |     |     |     |     |     |
|----------------------------|------------------------|-----------------------------|-----|-----|-----|-----|-----|-----|
|                            |                        | 10                          | 20  | 30  | 40  | 50  | 60  | 70  |
| 120                        | 3000                   | 122                         | 136 | 143 | 149 | 152 | 151 | 151 |
|                            | 4000                   | 157                         | 174 | 184 | 191 | 196 | 195 | 194 |
|                            | 4500                   | 173                         | 191 | 203 | 212 | 218 | 216 | 215 |
|                            | 5000                   | 192                         | 212 | 224 | 234 | 241 | 241 | 241 |
|                            | 6000                   | 228                         | 251 | 266 | 279 | 287 | 294 | 298 |

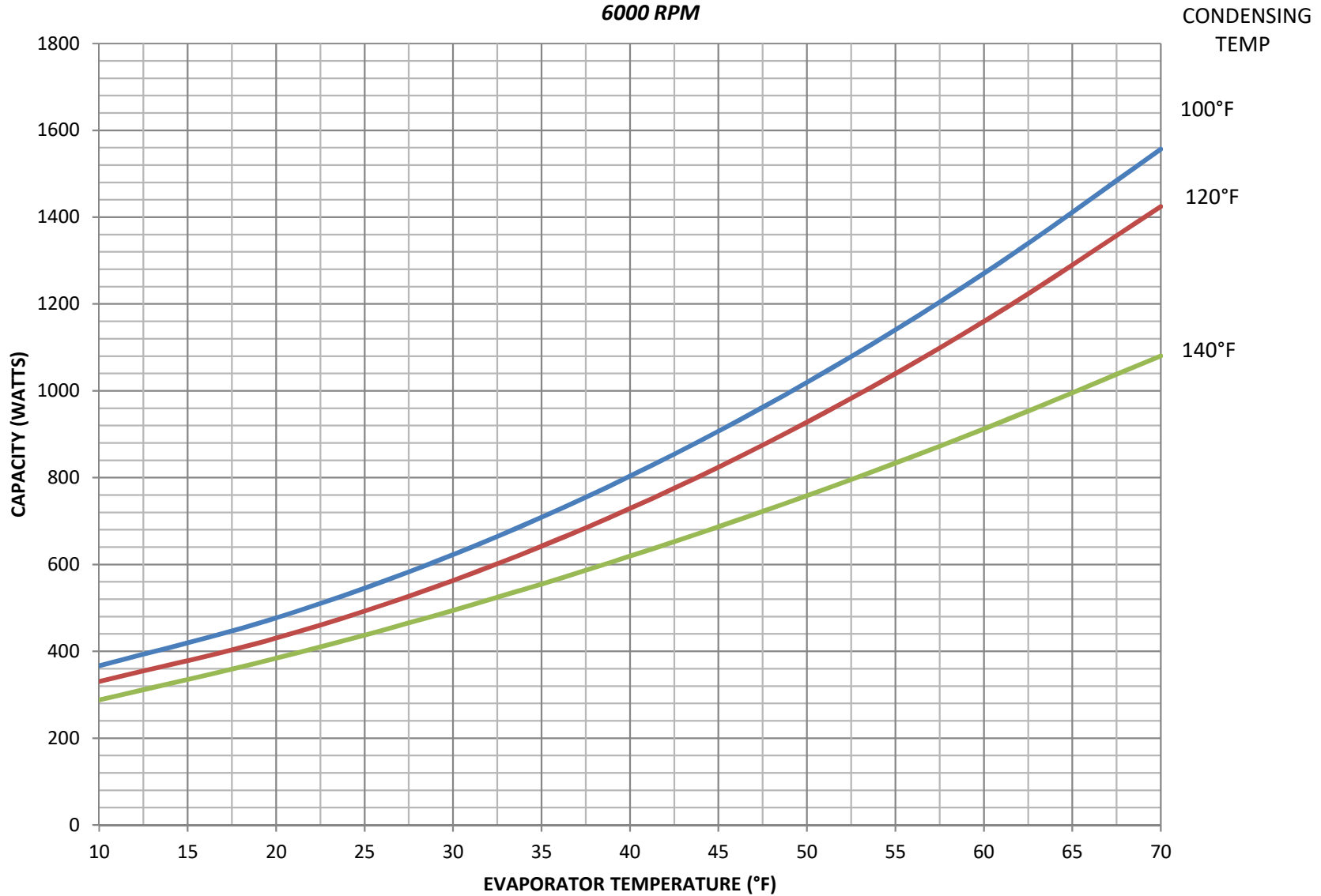
| Condenser Temperature (°F) | Compressor Speed (RPM) | Evaporator Temperature (°F) |     |     |     |     |     |     |
|----------------------------|------------------------|-----------------------------|-----|-----|-----|-----|-----|-----|
|                            |                        | 10                          | 20  | 30  | 40  | 50  | 60  | 70  |
| 140                        | 3000                   | 143                         | 163 | 176 | 190 | 198 | 205 | 209 |
|                            | 4000                   | 186                         | 209 | 223 | 240 | 252 | 261 | 268 |
|                            | 4500                   | 203                         | 228 | 243 | 262 | 276 | 288 | 295 |
|                            | 5000                   | 227                         | 253 | 269 | 288 | 303 | 310 | 315 |
|                            | 6000                   | 271                         | 302 | 323 | 344 | 360 | 360 | 360 |

Note: all data points are with 10°F Superheat and 8°F Subcooling with HFC-134a

**ASPEN COMPRESSOR, LLC.**  
**Model # Q38-24-4100**  
**HFC-134a**  
**6000 RPM**



**ASPEN COMPRESSOR, LLC.**  
**Model # 3.8cc Twin Series**  
**HFC-134a**  
**6000 RPM**



**ASPEN COMPRESSOR, LLC.**  
**Model # 3.8cc Twin Series**  
**HFC-134a**  
**6000 RPM**

