

## *Aspen Compressor, LLC*

Performance Chart  
**Model# H56-24-XXXX**  
**Refrigerant: R-290**  
**CAPACITY (WATTS)**

| Condenser Temperature (°C) | Compressor Speed (RPM) | Evaporator Temperature (°C) |     |     |      |      |      |      |      |      |
|----------------------------|------------------------|-----------------------------|-----|-----|------|------|------|------|------|------|
|                            |                        | -20                         | -15 | -10 | -5   | 0    | 5    | 10   | 15   | 20   |
| 35                         | 2000                   | 176                         | 231 | 304 | 380  | 470  | 572  | 696  | 824  | 989  |
|                            | 3000                   | 281                         | 361 | 463 | 583  | 722  | 876  | 1063 | 1266 | 1523 |
|                            | 4000                   | 388                         | 500 | 629 | 783  | 960  | 1159 | 1402 | 1696 | 2063 |
|                            | 5000                   | 499                         | 639 | 795 | 987  | 1209 | 1465 | 1774 | 2143 | 2598 |
|                            | 6000                   | 615                         | 777 | 971 | 1193 | 1463 | 1770 | 2161 | 2605 | 3126 |

| Condenser Temperature (°C) | Compressor Speed (RPM) | Evaporator Temperature (°C) |     |     |      |      |      |      |      |      |
|----------------------------|------------------------|-----------------------------|-----|-----|------|------|------|------|------|------|
|                            |                        | -20                         | -15 | -10 | -5   | 0    | 5    | 10   | 15   | 20   |
| 43                         | 2000                   |                             | 215 | 275 | 341  | 430  | 528  | 644  | 761  | 925  |
|                            | 3000                   | 261                         | 321 | 422 | 527  | 657  | 809  | 985  | 1166 | 1408 |
|                            | 4000                   | 333                         | 446 | 584 | 731  | 893  | 1080 | 1298 | 1560 | 1853 |
|                            | 5000                   | 449                         | 576 | 733 | 921  | 1130 | 1363 | 1634 | 1958 | 2314 |
|                            | 6000                   | 555                         | 712 | 893 | 1111 | 1356 | 1655 | 1974 | 2367 | 2817 |

| Condenser Temperature (°C) | Compressor Speed (RPM) | Evaporator Temperature (°C) |     |     |      |      |      |      |      |      |
|----------------------------|------------------------|-----------------------------|-----|-----|------|------|------|------|------|------|
|                            |                        | -20                         | -15 | -10 | -5   | 0    | 5    | 10   | 15   | 20   |
| 50                         | 2000                   |                             |     |     | 304  | 392  | 478  | 588  | 726  | 863  |
|                            | 3000                   |                             |     | 356 | 479  | 604  | 738  | 896  | 1090 | 1288 |
|                            | 4000                   |                             |     | 516 | 657  | 820  | 1009 | 1209 | 1456 | 1717 |
|                            | 5000                   |                             |     | 676 | 847  | 1035 | 1270 | 1521 | 1813 | 2153 |
|                            | 6000                   |                             |     | 830 | 1039 | 1247 | 1520 | 1832 | 2176 | 2601 |

Note: all data points are with 5K Superheat and 5K Subcooling with R-290

Over Discharge Temperature Limit

## *Aspen Compressor, LLC*

Performance Chart  
**Model# H56-24-XXXX**  
**Refrigerant: R-290**  
**Input Power (WATTS)**

| Condenser Temperature (°C) | Compressor Speed (RPM) | Evaporator Temperature (°C) |     |     |     |     |     |     |     |     |
|----------------------------|------------------------|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
|                            |                        | -20                         | -15 | -10 | -5  | 0   | 5   | 10  | 15  | 20  |
| 35                         | 2000                   | 177                         | 189 | 194 | 196 | 190 | 184 | 168 | 144 | 118 |
|                            | 3000                   | 232                         | 245 | 250 | 252 | 246 | 239 | 220 | 196 | 170 |
|                            | 4000                   | 297                         | 311 | 317 | 319 | 314 | 304 | 281 | 256 | 230 |
|                            | 5000                   | 369                         | 383 | 391 | 393 | 389 | 374 | 349 | 321 | 294 |
|                            | 6000                   | 446                         | 461 | 473 | 475 | 469 | 451 | 425 | 395 | 367 |

| Condenser Temperature (°C) | Compressor Speed (RPM) | Evaporator Temperature (°C) |     |     |     |     |     |     |     |     |
|----------------------------|------------------------|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
|                            |                        | -20                         | -15 | -10 | -5  | 0   | 5   | 10  | 15  | 20  |
| 43                         | 2000                   |                             | 219 | 231 | 236 | 240 | 236 | 226 | 205 | 181 |
|                            | 3000                   | 264                         | 288 | 302 | 309 | 313 | 307 | 295 | 272 | 245 |
|                            | 4000                   | 340                         | 365 | 382 | 391 | 395 | 388 | 372 | 343 | 311 |
|                            | 5000                   | 422                         | 446 | 466 | 475 | 479 | 471 | 454 | 422 | 386 |
|                            | 6000                   | 505                         | 533 | 552 | 561 | 564 | 557 | 542 | 507 | 469 |

| Condenser Temperature (°C) | Compressor Speed (RPM) | Evaporator Temperature (°C) |     |     |     |     |     |     |     |     |
|----------------------------|------------------------|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
|                            |                        | -20                         | -15 | -10 | -5  | 0   | 5   | 10  | 15  | 20  |
| 50                         | 2000                   |                             |     |     | 283 | 299 | 301 | 293 | 279 | 255 |
|                            | 3000                   |                             |     | 349 | 369 | 384 | 386 | 377 | 362 | 337 |
|                            | 4000                   |                             |     | 439 | 459 | 473 | 474 | 465 | 447 | 419 |
|                            | 5000                   |                             |     | 533 | 551 | 565 | 567 | 558 | 538 | 507 |
|                            | 6000                   |                             |     | 629 | 644 | 657 | 662 | 657 | 636 | 602 |

Note: all data points are with 5K Superheat and 5K Subcooling with R-290

Over Discharge Temperature Limit

# Aspen Compressor, LLC

Performance Chart  
 Model# H56-24-XXXX  
 Refrigerant: R-290  
 CoP

| Condenser Temperature (°C) | Compressor Speed (RPM) | Evaporator Temperature (°C) |      |      |      |      |      |      |      |      |  |
|----------------------------|------------------------|-----------------------------|------|------|------|------|------|------|------|------|--|
|                            |                        | -20                         | -15  | -10  | -5   | 0    | 5    | 10   | 15   | 20   |  |
| 35                         | 2000                   | 0.99                        | 1.22 | 1.57 | 1.94 | 2.47 | 3.10 | 4.15 | 5.72 | 8.38 |  |
|                            | 3000                   | 1.21                        | 1.48 | 1.86 | 2.31 | 2.93 | 3.67 | 4.83 | 6.46 | 8.96 |  |
|                            | 4000                   | 1.30                        | 1.61 | 1.99 | 2.46 | 3.06 | 3.82 | 4.98 | 6.62 | 8.97 |  |
|                            | 5000                   | 1.35                        | 1.67 | 2.03 | 2.51 | 3.11 | 3.91 | 5.08 | 6.68 | 8.84 |  |
|                            | 6000                   | 1.38                        | 1.69 | 2.05 | 2.51 | 3.12 | 3.92 | 5.09 | 6.60 | 8.52 |  |

| Condenser Temperature (°C) | Compressor Speed (RPM) | Evaporator Temperature (°C) |      |      |      |      |      |      |      |      |  |
|----------------------------|------------------------|-----------------------------|------|------|------|------|------|------|------|------|--|
|                            |                        | -20                         | -15  | -10  | -5   | 0    | 5    | 10   | 15   | 20   |  |
| 43                         | 2000                   |                             | 0.98 | 1.19 | 1.44 | 1.79 | 2.24 | 2.85 | 3.71 | 5.11 |  |
|                            | 3000                   | 0.99                        | 1.11 | 1.40 | 1.71 | 2.10 | 2.63 | 3.34 | 4.29 | 5.75 |  |
|                            | 4000                   | 0.98                        | 1.22 | 1.53 | 1.87 | 2.26 | 2.79 | 3.49 | 4.54 | 5.96 |  |
|                            | 5000                   | 1.06                        | 1.29 | 1.58 | 1.94 | 2.36 | 2.89 | 3.60 | 4.64 | 6.00 |  |
|                            | 6000                   | 1.10                        | 1.34 | 1.62 | 1.98 | 2.40 | 2.97 | 3.64 | 4.67 | 6.01 |  |

| Condenser Temperature (°C) | Compressor Speed (RPM) | Evaporator Temperature (°C) |     |      |      |      |      |      |      |      |  |
|----------------------------|------------------------|-----------------------------|-----|------|------|------|------|------|------|------|--|
|                            |                        | -20                         | -15 | -10  | -5   | 0    | 5    | 10   | 15   | 20   |  |
| 50                         | 2000                   |                             |     |      | 1.07 | 1.31 | 1.59 | 2.01 | 2.60 | 3.39 |  |
|                            | 3000                   |                             |     | 1.02 | 1.30 | 1.57 | 1.91 | 2.38 | 3.01 | 3.83 |  |
|                            | 4000                   |                             |     | 1.17 | 1.43 | 1.73 | 2.13 | 2.60 | 3.25 | 4.09 |  |
|                            | 5000                   |                             |     | 1.27 | 1.54 | 1.83 | 2.24 | 2.72 | 3.37 | 4.24 |  |
|                            | 6000                   |                             |     | 1.32 | 1.61 | 1.90 | 2.30 | 2.79 | 3.42 | 4.32 |  |

Note: all data points are with 5K Superheat and 5K Subcooling with R-290

Over Discharge Temperature Limit