

**Rating Conditions**

20 °F Superheat  
 15 F Subcooling  
 95 °F Ambient Air Over

60 Hz Operation

**AIR  
 CONDITIONING**

**6RP2-350A-TSK**

COPELAMETIC® HCFC- 22

COMPRESSOR

TSK 208/230/460-3-60

**Condensing Temperature °F**  
**(Sat. Dew Pt. Pressure, psig)**      **Evaporating Temperature °F (Sat. Dew Pt. Pressure, psig)**

|                       |          | 10.0 (33) | 20.0 (43) | 25.0 (49) | 30.0 (55) | 35.0 (62) | 40.0 (69) | 45.0 (76) | 50.0 (84) | 55.0 (93) |
|-----------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>140.0</b><br>(337) | <b>C</b> | 149,000   | 202,000   | 230,000   | 259,000   | 289,000   | 321,000   | 354,000   | 389,000   | 426,000   |
|                       | <b>P</b> | 27,400    | 31,300    | 33,100    | 34,900    | 36,600    | 38,200    | 39,800    | 41,200    | 42,700    |
|                       | <b>A</b> | 45.3      | 51.4      | 54.1      | 56.6      | 58.9      | 61.1      | 63.1      | 64.9      | 66.6      |
|                       | <b>M</b> | 2,440     | 3,250     | 3,670     | 4,090     | 4,530     | 4,990     | 5,450     | 5,950     | 6,500     |
|                       | <b>E</b> | 5.4       | 6.5       | 6.9       | 7.4       | 7.9       | 8.4       | 8.9       | 9.4       | 10.0      |
|                       | <b>%</b> | 61.2      | 64.2      | 64.6      | 64.6      | 64.2      | 63.6      | 62.7      | 61.7      | 60.4      |
| <b>130.0</b><br>(297) | <b>C</b> | 174,000   | 225,000   | 253,000   | 282,000   | 313,000   | 346,000   | 381,000   | 419,000   | 459,000   |
|                       | <b>P</b> | 26,600    | 30,100    | 31,800    | 33,300    | 34,800    | 36,200    | 37,600    | 38,900    | 40,100    |
|                       | <b>A</b> | 44.7      | 50.0      | 52.5      | 54.7      | 56.9      | 58.9      | 60.8      | 62.6      | 64.4      |
|                       | <b>M</b> | 2,690     | 3,430     | 3,830     | 4,240     | 4,670     | 5,100     | 5,600     | 6,100     | 6,650     |
|                       | <b>E</b> | 6.5       | 7.5       | 8.0       | 8.5       | 9.0       | 9.5       | 10.1      | 10.8      | 11.5      |
|                       | <b>%</b> | 65.3      | 65.4      | 65.0      | 64.4      | 63.6      | 62.7      | 61.6      | 60.3      | 58.9      |
| <b>120.0</b><br>(260) | <b>C</b> | 190,000   | 242,000   | 270,000   | 301,000   | 334,000   | 369,000   | 407,000   | 449,000   | 493,000   |
|                       | <b>P</b> | 25,600    | 28,700    | 30,200    | 31,600    | 32,900    | 34,100    | 35,200    | 36,300    | 37,300    |
|                       | <b>A</b> | 43.6      | 48.1      | 50.2      | 52.1      | 54.0      | 55.8      | 57.6      | 59.3      | 61.0      |
|                       | <b>M</b> | 2,810     | 3,510     | 3,900     | 4,310     | 4,750     | 5,200     | 5,700     | 6,250     | 6,850     |
|                       | <b>E</b> | 7.4       | 8.4       | 8.9       | 9.5       | 10.1      | 10.8      | 11.6      | 12.4      | 13.2      |
|                       | <b>%</b> | 65.5      | 64.4      | 63.7      | 63.0      | 62.1      | 61.0      | 59.9      | 58.5      | 57.0      |
| <b>110.0</b><br>(226) | <b>C</b> | 201,000   | 255,000   | 285,000   | 318,000   | 354,000   | 393,000   | 436,000   | 481,000   | 531,000   |
|                       | <b>P</b> | 24,500    | 27,300    | 28,500    | 29,700    | 30,800    | 31,800    | 32,700    | 33,600    | 34,300    |
|                       | <b>A</b> | 42.4      | 45.9      | 47.6      | 49.2      | 50.7      | 52.2      | 53.8      | 55.3      | 56.9      |
|                       | <b>M</b> | 2,840     | 3,540     | 3,940     | 4,370     | 4,830     | 5,300     | 5,850     | 6,450     | 7,050     |
|                       | <b>E</b> | 8.2       | 9.3       | 10.0      | 10.7      | 11.5      | 12.4      | 13.3      | 14.3      | 15.5      |
|                       | <b>%</b> | 63.6      | 62.4      | 61.7      | 61.0      | 60.2      | 59.1      | 57.9      | 56.5      | 54.7      |
| <b>100.0</b><br>(196) | <b>C</b> | 211,000   | 269,000   | 302,000   | 339,000   | 378,000   | 422,000   | 469,000   | 521,000   | 576,000   |
|                       | <b>P</b> | 23,300    | 25,700    | 26,800    | 27,700    | 28,600    | 29,400    | 30,100    | 30,700    | 31,200    |
|                       | <b>A</b> | 41.5      | 43.8      | 45.0      | 46.1      | 47.3      | 48.5      | 49.7      | 51.0      | 52.4      |
|                       | <b>M</b> | 2,850     | 3,580     | 4,000     | 4,450     | 4,950     | 5,500     | 6,050     | 6,700     | 7,350     |
|                       | <b>E</b> | 9.0       | 10.5      | 11.3      | 12.2      | 13.2      | 14.4      | 15.6      | 17.0      | 18.5      |
|                       | <b>%</b> | 61.1      | 60.2      | 59.7      | 59.1      | 58.3      | 57.2      | 55.9      | 54.2      | 52.0      |
| <b>90.0</b><br>(168)  | <b>C</b> | 222,000   | 286,000   | 323,000   | 364,000   | 409,000   | 458,000   | 512,000   | 570,000   | 633,000   |
|                       | <b>P</b> | 22,100    | 24,100    | 24,900    | 25,600    | 26,300    | 26,800    | 27,300    | 27,700    | 28,000    |
|                       | <b>A</b> | 41.1      | 42.2      | 42.7      | 43.4      | 44.0      | 44.8      | 45.7      | 46.7      | 47.8      |
|                       | <b>M</b> | 2,890     | 3,670     | 4,120     | 4,610     | 5,150     | 5,750     | 6,350     | 7,050     | 7,750     |
|                       | <b>E</b> | 10.0      | 11.9      | 13.0      | 14.2      | 15.6      | 17.1      | 18.7      | 20.6      | 22.6      |
|                       | <b>%</b> | 58.6      | 58.3      | 57.9      | 57.3      | 56.5      | 55.2      | 53.5      | 51.2      | 48.3      |

**C: Capacity (Btu/hr), P: Power (W), A: Current (Amps), M: Mass Flow (lb/hr), E: EER (Btu/Wh), %: Isentropic Efficiency (%)**

Nominal Performance Values (±5%) based on 72 hours run-in. Subject to change without notice. Current @ 460 V