



SpaceKeeper Vertical (SKV008-060)

May 2019

| | | EC Motor | | | | | | | | | | | |
|-------------------|-------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Model | | SKV008 | SKV010 | SKV012 | SKV015 | SKV018 | SKV020 | SKV024 | SKV030 | SKV036 | SKV042 | SKV048 | SKV060 |
| Air Flow | (CFM) | 280 | 320 | 400 | 500 | 600 | 700 | 800 | 1,000 | 1,200 | 1,400 | 1,600 | 2,000 |
| Fluid Flow | (gpm) | 1.4 | 1.7 | 2 | 2.5 | 3 | 3.5 | 4 | 5 | 6 | 7 | 8 | 10 |
| MCA/MOP 1/115 | | 8.7/20.0 | 9.2/20.0 | 11.8/20.0 | na/na | na/na | na/na | na/na | na/na | na/na | na/na | na/na | na/na |
| MCA/MOP 1/208 | | 5.5/15.0 | 5.9/15.0 | 7.5/15.0 | 10.7/15.0 | 11.8/15.0 | 14.9/20.0 | 16.1/20.0 | 20.2/25.0 | 24.7/25.0 | 31.1/40.0 | 36.4/40.0 | 42.7/50.0 |
| MCA/MOP 1/265 | | 4.3/15.0 | 4.6/15.0 | 5.9/15.0 | 8.4/15.0 | 9.3/15.0 | 11.7/20.0 | 12.7/20.0 | 15.9/20.0 | 19.4/25.0 | na/na | na/na | na/na |
| MCA/MOP 3/208-230 | | na/na | na/na | na/na | na/na | na/na | 9.9/20.0 | 10.6/20.0 | 13.0/20.0 | 15.8/20.0 | 19.6/20.0 | 23.6/25.0 | 27.3/30.0 |
| MCA/MOP 3/460 | | na/na | na/na | na/na | na/na | na/na | na/na | 4.8/15.0 | 5.9/15.0 | 7.2/15.0 | 8.9/15.0 | 10.7/15.0 | 12.4/15.0 |
| MCA/MOP 3/575 | | na/na | na/na | na/na | na/na | na/na | na/na | na/na | na/na | 5.7/15.0 | 7.1/15.0 | 8.5/15.0 | 9.9/15.0 |

80°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 70°F EAT, Water Only, 0.25 inch W.G. External Static Pressure

| | | | | | | | | | | | | | |
|---------|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| COOLING | Total Capacity (BTU/h) | 8,741 | 9,778 | 12,496 | 15,565 | 17,419 | 19,103 | 23,731 | 27,963 | 33,371 | 41,106 | 49,774 | 56,370 |
| | Sensible (BTU/h) | 7,104 | 7,962 | 10,177 | 12,632 | 14,514 | 16,658 | 19,746 | 24,126 | 28,908 | 34,181 | 40,090 | 48,241 |
| | Total Power (W) | 592 | 664 | 856 | 1,041 | 1,289 | 1,263 | 1,456 | 2,008 | 2,456 | 2,809 | 3,360 | 3,979 |
| | LAT (DB/WB) (°F) | 57.2/56.4 | 57.7/56.9 | 57.2/56.3 | 57.3/56.5 | 58.3/57.5 | 58.7/57.9 | 57.9/57.0 | 58.4/57.6 | 58.4/57.6 | 58.1/57.3 | 57.5/56.7 | 58.4/57.6 |
| | Operating EER | 14.8 | 14.7 | 14.6 | 15.0 | 13.5 | 15.1 | 16.3 | 13.9 | 13.6 | 14.6 | 14.8 | 14.2 |
| HEATING | Total Capacity (BTU/h) | 2,161 | 2,526 | 2,934 | 3,458 | 3,932 | 5,272 | 5,833 | 6,864 | 7,796 | 9,852 | 10,837 | 12,630 |
| | Total Power (W) | 89 | 88 | 118 | 176 | 252 | 187 | 228 | 369 | 446 | 506 | 680 | 773 |
| | LAT (°F) | 77.1 | 77.3 | 76.8 | 76.4 | 76.0 | 76.9 | 76.7 | 76.3 | 76.0 | 76.5 | 76.2 | 75.8 |
| | LWT (°F) | 76.9 | 77.0 | 77.1 | 77.2 | 77.4 | 77.0 | 77.1 | 77.3 | 77.4 | 77.2 | 77.3 | 77.5 |

85°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 70°F EAT, Water Only, 0.25 inch W.G. External Static Pressure

| | | | | | | | | | | | | | |
|---------|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| COOLING | Total Capacity (BTU/h) | 8,424 | 9,452 | 12,130 | 15,111 | 16,878 | 18,550 | 23,032 | 27,135 | 32,334 | 39,850 | 48,227 | 54,722 |
| | Sensible (BTU/h) | 6,908 | 7,900 | 9,914 | 12,304 | 14,410 | 16,552 | 19,612 | 23,968 | 28,131 | 33,940 | 39,793 | 47,925 |
| | Total Power (W) | 625 | 697 | 897 | 1,098 | 1,349 | 1,351 | 1,545 | 2,122 | 2,593 | 2,960 | 3,537 | 4,193 |
| | LAT (DB/WB) (°F) | 57.9/57.1 | 57.8/57.0 | 57.8/57.0 | 57.9/57.1 | 58.5/57.7 | 58.8/58.0 | 58.0/57.2 | 58.5/57.7 | 59.0/58.2 | 58.3/57.5 | 57.7/56.9 | 58.5/57.7 |
| | Operating EER | 13.5 | 13.6 | 13.5 | 13.8 | 12.5 | 13.7 | 14.9 | 12.8 | 12.5 | 13.5 | 13.6 | 13.1 |
| HEATING | Total Capacity (BTU/h) | 3,241 | 3,789 | 4,400 | 5,187 | 5,898 | 7,908 | 8,749 | 10,296 | 11,693 | 14,777 | 16,255 | 18,945 |
| | Total Power (W) | 89 | 88 | 118 | 176 | 252 | 187 | 228 | 369 | 446 | 506 | 680 | 773 |
| | LAT (°F) | 80.7 | 80.9 | 80.1 | 79.6 | 79.1 | 80.4 | 80.1 | 79.5 | 79.0 | 79.7 | 79.4 | 78.7 |
| | LWT (°F) | 80.4 | 80.5 | 80.6 | 80.9 | 81.1 | 80.5 | 80.6 | 80.9 | 81.1 | 80.8 | 80.9 | 81.2 |



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| | | EC Motor | | | | | | | | | | | |
|------------|-------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Model | | SKV008 | SKV010 | SKV012 | SKV015 | SKV018 | SKV020 | SKV024 | SKV030 | SKV036 | SKV042 | SKV048 | SKV060 |
| Air Flow | (CFM) | 280 | 320 | 400 | 500 | 600 | 700 | 800 | 1,000 | 1,200 | 1,400 | 1,600 | 2,000 |
| Fluid Flow | (gpm) | 1.4 | 1.7 | 2 | 2.5 | 3 | 3.5 | 4 | 5 | 6 | 7 | 8 | 10 |

90°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 70°F EAT, Water Only, 0.25 inch W.G. External Static Pressure

| COOLING | Total Capacity | (BTU/h) | 8,108 | 9,118 | 11,748 | 14,663 | 16,326 | 17,983 | 22,322 | 26,286 | 31,264 | 38,569 | 46,643 | 53,038 |
|---------|----------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | Sensible | (BTU/h) | 6,848 | 7,836 | 9,841 | 12,218 | 14,304 | 16,443 | 19,476 | 23,324 | 27,926 | 33,695 | 38,719 | 46,639 |
| | Total Power | (W) | 657 | 731 | 939 | 1,157 | 1,409 | 1,445 | 1,641 | 2,243 | 2,740 | 3,121 | 3,728 | 4,422 |
| | LAT (DB/WB) | (° F) | 58.1/57.3 | 58.0/57.2 | 57.9/57.1 | 58.1/57.3 | 58.6/57.8 | 58.9/58.1 | 58.2/57.4 | 59.1/58.3 | 59.2/58.3 | 58.4/57.6 | 58.3/57.5 | 59.1/58.3 |
| | Operating EER | 12.3 | 12.5 | 12.5 | 12.7 | 11.6 | 12.4 | 13.6 | 11.7 | 11.4 | 12.4 | 12.5 | 12.0 | |
| HEATING | Total Capacity | (BTU/h) | 4,321 | 5,052 | 5,867 | 6,916 | 7,864 | 10,544 | 11,665 | 13,728 | 15,591 | 19,703 | 21,674 | 25,260 |
| | Total Power | (W) | 89 | 88 | 118 | 176 | 252 | 187 | 228 | 369 | 446 | 506 | 680 | 773 |
| | LAT | (° F) | 84.2 | 84.6 | 83.5 | 82.7 | 82.1 | 83.9 | 83.4 | 82.7 | 82.0 | 83.0 | 82.5 | 81.6 |
| | LWT | (° F) | 83.8 | 84.1 | 84.1 | 84.5 | 84.8 | 84.0 | 84.2 | 84.5 | 84.8 | 84.4 | 84.6 | 84.9 |

100°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 70°F EAT, Water Only, 0.25 inch W.G. External Static Pressure

| COOLING | Total Capacity | (BTU/h) | 7,476 | 8,434 | 10,922 | 13,749 | 15,194 | 16,802 | 20,865 | 24,503 | 29,016 | 35,935 | 43,359 | 49,540 |
|---------|----------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | Sensible | (BTU/h) | 6,592 | 7,551 | 9,490 | 12,043 | 13,798 | 15,880 | 18,812 | 22,982 | 27,495 | 32,516 | 38,090 | 45,970 |
| | Total Power | (W) | 723 | 800 | 1,026 | 1,286 | 1,531 | 1,655 | 1,853 | 2,515 | 3,069 | 3,476 | 4,162 | 4,934 |
| | LAT (DB/WB) | (° F) | 58.9/58.1 | 58.9/58.0 | 58.7/57.9 | 58.4/57.6 | 59.4/58.6 | 59.7/58.9 | 58.9/58.1 | 59.4/58.6 | 59.5/58.7 | 59.2/58.4 | 58.7/57.9 | 59.4/58.6 |
| | Operating EER | 10.3 | 10.5 | 10.6 | 10.7 | 9.9 | 10.2 | 11.3 | 9.7 | 9.5 | 10.3 | 10.4 | 10.0 | |
| HEATING | Total Capacity | (BTU/h) | 6,482 | 7,579 | 8,801 | 10,373 | 11,796 | 15,816 | 17,498 | 20,591 | 23,387 | 29,555 | 32,510 | 37,891 |
| | Total Power | (W) | 89 | 88 | 118 | 176 | 252 | 187 | 228 | 369 | 446 | 506 | 680 | 773 |
| | LAT | (° F) | 91.3 | 91.8 | 90.3 | 89.1 | 88.1 | 90.8 | 90.2 | 89.0 | 88.0 | 89.5 | 88.7 | 87.5 |
| | LWT | (° F) | 90.7 | 91.1 | 91.2 | 91.7 | 92.1 | 91.0 | 91.3 | 91.8 | 92.2 | 91.6 | 91.9 | 92.4 |

105°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 70°F EAT, Water Only, 0.25 inch W.G. External Static Pressure

| COOLING | Total Capacity | (BTU/h) | 7,160 | 8,087 | 10,471 | 13,265 | 14,616 | 16,187 | 20,114 | 23,557 | 27,830 | 34,585 | 41,654 | 47,717 |
|---------|----------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | Sensible | (BTU/h) | 6,531 | 7,484 | 9,404 | 11,709 | 13,688 | 15,762 | 18,668 | 22,319 | 26,690 | 32,258 | 36,993 | 44,657 |
| | Total Power | (W) | 756 | 835 | 1,072 | 1,357 | 1,593 | 1,774 | 1,971 | 2,668 | 3,255 | 3,674 | 4,409 | 5,221 |
| | LAT (DB/WB) | (° F) | 59.1/58.3 | 59.0/58.2 | 58.9/58.1 | 59.0/58.2 | 59.6/58.8 | 59.8/59.0 | 59.1/58.3 | 60.0/59.2 | 60.1/59.3 | 59.4/58.6 | 59.3/58.5 | 60.0/59.2 |
| | Operating EER | 9.5 | 9.7 | 9.8 | 9.8 | 9.2 | 9.1 | 10.2 | 8.8 | 8.5 | 9.4 | 9.4 | 9.1 | |
| HEATING | Total Capacity | (BTU/h) | 7,562 | 8,842 | 10,268 | 12,102 | 13,762 | 18,452 | 20,414 | 24,023 | 27,285 | 34,481 | 37,929 | 44,206 |
| | Total Power | (W) | 89 | 88 | 118 | 176 | 252 | 187 | 228 | 369 | 446 | 506 | 680 | 773 |
| | LAT | (° F) | 94.9 | 95.5 | 93.7 | 92.3 | 91.1 | 94.3 | 93.5 | 92.1 | 91.0 | 92.7 | 91.8 | 90.4 |
| | LWT | (° F) | 94.2 | 94.6 | 94.7 | 95.3 | 95.8 | 94.5 | 94.8 | 95.4 | 95.9 | 95.1 | 95.5 | 96.2 |



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| | | EC Motor | | | | | | | | | | | |
|------------|-------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Model | | SKV008 | SKV010 | SKV012 | SKV015 | SKV018 | SKV020 | SKV024 | SKV030 | SKV036 | SKV042 | SKV048 | SKV060 |
| Air Flow | (CFM) | 280 | 320 | 400 | 500 | 600 | 700 | 800 | 1,000 | 1,200 | 1,400 | 1,600 | 2,000 |
| Fluid Flow | (gpm) | 1.4 | 1.7 | 2 | 2.5 | 3 | 3.5 | 4 | 5 | 6 | 7 | 8 | 10 |

110°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 70°F EAT, Water Only, 0.25 inch W.G. External Static Pressure

| | | SKV008 | SKV010 | SKV012 | SKV015 | SKV018 | SKV020 | SKV024 | SKV030 | SKV036 | SKV042 | SKV048 | SKV060 |
|---------|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| COOLING | Total Capacity (BTU/h) | 6,845 | 7,740 | 9,991 | 12,750 | 14,031 | 15,555 | 19,347 | 22,569 | 26,598 | 33,214 | 39,905 | 45,838 |
| | Sensible (BTU/h) | 6,471 | 7,264 | 9,312 | 11,611 | 13,287 | 15,555 | 18,136 | 22,130 | 26,454 | 31,321 | 36,658 | 44,297 |
| | Total Power (W) | 789 | 870 | 1,121 | 1,434 | 1,655 | 1,903 | 2,097 | 2,834 | 3,457 | 3,887 | 4,678 | 5,533 |
| | LAT (DB/WB) (° F) | 59.3/58.5 | 59.7/58.9 | 59.1/58.3 | 59.2/58.4 | 60.2/59.4 | 60.1/59.2 | 59.7/58.9 | 60.2/59.4 | 60.3/59.5 | 60.0/59.2 | 59.5/58.7 | 60.2/59.4 |
| | Operating EER | 8.7 | 8.9 | 8.9 | 8.9 | 8.5 | 8.2 | 9.2 | 8.0 | 7.7 | 8.5 | 8.5 | 8.3 |
| HEATING | Total Capacity (BTU/h) | 8,642 | 10,105 | 11,734 | 13,831 | 15,728 | 21,088 | 23,330 | 27,455 | 31,182 | 39,406 | 43,347 | 50,521 |
| | Total Power (W) | 89 | 88 | 118 | 176 | 252 | 187 | 228 | 369 | 446 | 506 | 680 | 773 |
| | LAT (° F) | 98.4 | 99.1 | 97.0 | 95.5 | 94.2 | 97.8 | 96.9 | 95.3 | 93.9 | 95.9 | 95.0 | 93.3 |
| | LWT (° F) | 97.7 | 98.1 | 98.3 | 98.9 | 99.5 | 97.9 | 98.3 | 99.0 | 99.6 | 98.7 | 99.2 | 99.9 |

120°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 70°F EAT, Water Only, 0.25 inch W.G. External Static Pressure

| | | SKV008 | SKV010 | SKV012 | SKV015 | SKV018 | SKV020 | SKV024 | SKV030 | SKV036 | SKV042 | SKV048 | SKV060 |
|---------|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| COOLING | Total Capacity (BTU/h) | 6,216 | 7,052 | 8,929 | 11,592 | 12,844 | 14,236 | 17,757 | 20,438 | 23,982 | 30,416 | 36,262 | 41,889 |
| | Sensible (BTU/h) | 6,216 | 7,052 | 8,916 | 11,148 | 12,844 | 14,236 | 17,757 | 20,438 | 23,982 | 30,416 | 35,190 | 41,889 |
| | Total Power (W) | 855 | 944 | 1,227 | 1,608 | 1,780 | 2,197 | 2,377 | 3,209 | 3,917 | 4,363 | 5,292 | 6,239 |
| | LAT (DB/WB) (° F) | 60.1/59.3 | 60.3/59.3 | 60.1/59.3 | 60.1/59.2 | 60.9/59.7 | 61.9/60.1 | 60.1/59.3 | 61.8/60.3 | 62.2/60.4 | 60.6/59.5 | 60.3/59.5 | 61.3/60.3 |
| | Operating EER | 7.3 | 7.5 | 7.3 | 7.2 | 7.2 | 6.5 | 7.5 | 6.4 | 6.1 | 7.0 | 6.9 | 6.7 |
| HEATING | Total Capacity (BTU/h) | 10,803 | 12,631 | 14,668 | 17,289 | 19,660 | 26,360 | 29,163 | 34,319 | 38,978 | 49,258 | 54,184 | 63,151 |
| | Total Power (W) | 89 | 88 | 118 | 176 | 252 | 187 | 228 | 369 | 446 | 506 | 680 | 773 |
| | LAT (° F) | 105.6 | 106.4 | 103.8 | 101.9 | 100.2 | 104.7 | 103.6 | 101.6 | 99.9 | 102.4 | 101.2 | 99.1 |
| | LWT (° F) | 104.6 | 105.1 | 105.3 | 106.2 | 106.9 | 104.9 | 105.4 | 106.3 | 107.0 | 105.9 | 106.5 | 107.4 |