

4th Gen. DIY E Star Performance Specifications

| COOLING PERFORMANCE DATA | | | | | | | | | | | | | | | | | | |
|---|------------------------|-------------------------|---------------------|-------------|-------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-----------|--------------|--------------|--------------|------------|-------|
| LEGEND: TC --- Total Net Capacity (1000 Btu/hour) SC --- Sensible Capacity (1000 Btu/hour) Input --- Total Power (kW) DB --- Dry Bulb Temperature Measurement | | | | | | | | | | | | | | | | | | |
| Model | Cooling | Outdoor Conditions (DB) | | | | | | | | | | | | | | | | |
| | | Operational Testing* | Low Ambient Cooling | | | | | | | Standard | | | | | | | | |
| | Indoor Conditions (DB) | -13F (-25C) | 5F (-15C) | 15F (-9.4C) | 25F (-3.9C) | 35F (1.7C) | 45F (7.2C) | 55F (12.8C) | 65F (18.3C) | 75F (23.9C) | 80F (26.7C) | 85F (29.4C) | 95F (35C) | 105F (40.6C) | 109.4F (43C) | 115F (46.1C) | 122F (50C) | |
| DIY-12-HP-WMAH-115C25 DIY-12-HP-C-115C25 | 65F (18.3C) | TC | 9.79 | 10.69 | 10.59 | 10.90 | 10.82 | 11.55 | 11.54 | 11.40 | 11.67 | 11.48 | 11.13 | 10.61 | 10.18 | 9.98 | 9.41 | 8.80 |
| | | SC | 6.43 | 7.19 | 7.46 | 7.98 | 7.83 | 8.74 | 8.77 | 8.73 | 9.02 | 8.95 | 8.59 | 8.81 | 8.44 | 9.11 | 8.62 | 8.74 |
| | 70F (21.1C) | TC | 10.39 | 11.27 | 11.25 | 11.55 | 11.50 | 12.26 | 12.03 | 11.96 | 12.28 | 11.96 | 11.71 | 11.26 | 10.79 | 10.43 | 9.82 | 9.34 |
| | | SC | 6.78 | 7.54 | 7.90 | 8.41 | 8.28 | 9.22 | 9.09 | 9.10 | 9.43 | 9.27 | 8.98 | 9.30 | 8.90 | 9.47 | 8.94 | 9.24 |
| | 75F (23.9C) | TC | 10.91 | 11.87 | 11.74 | 12.14 | 12.21 | 12.87 | 12.68 | 12.64 | 12.85 | 12.61 | 12.28 | 11.78 | 11.48 | 10.95 | 10.23 | 9.77 |
| | | SC | 7.09 | 7.90 | 8.20 | 8.79 | 8.74 | 9.63 | 9.53 | 9.56 | 9.83 | 9.72 | 9.39 | 9.68 | 9.42 | 9.90 | 9.27 | 9.62 |
| | 80F (26.7C) | TC | 11.38 | 12.48 | 12.47 | 12.71 | 12.93 | 13.41 | 13.40 | 13.40 | 13.40 | 13.40 | 12.98 | 12.53 | 12.08 | 11.53 | 10.89 | 10.17 |
| | | SC | 7.35 | 8.26 | 8.65 | 9.15 | 9.21 | 9.97 | 10.03 | 10.08 | 10.19 | 10.27 | 9.87 | 10.24 | 9.86 | 10.37 | 9.81 | 9.97 |
| DIY-18-HP-WMAH-230C25 DIY-18-HP-C-230C25 | 65F (18.3C) | TC | 15.58 | 17.10 | 17.44 | 17.24 | 17.15 | 17.42 | 17.77 | 17.82 | 18.20 | 18.33 | 17.45 | 15.65 | 15.21 | 14.60 | 14.20 | 13.15 |
| | | SC | 9.70 | 11.79 | 12.58 | 12.49 | 12.50 | 12.75 | 13.43 | 13.74 | 13.94 | 14.46 | 13.98 | 12.73 | 12.98 | 13.23 | 13.52 | 13.07 |
| | 70F (21.1C) | TC | 16.55 | 17.90 | 18.43 | 18.13 | 17.96 | 18.44 | 18.64 | 18.72 | 19.20 | 19.15 | 18.23 | 16.60 | 15.98 | 15.38 | 15.01 | 13.83 |
| | | SC | 10.24 | 12.29 | 13.23 | 13.07 | 13.01 | 13.41 | 14.03 | 14.36 | 14.63 | 15.02 | 14.54 | 13.42 | 13.55 | 13.86 | 14.22 | 13.69 |
| | 75F (23.9C) | TC | 17.30 | 18.89 | 19.30 | 19.10 | 19.10 | 19.23 | 19.77 | 19.75 | 20.36 | 20.33 | 19.01 | 17.62 | 16.85 | 16.16 | 15.72 | 14.52 |
| | | SC | 10.64 | 12.90 | 13.76 | 13.69 | 13.76 | 13.90 | 14.78 | 15.05 | 15.44 | 15.87 | 15.06 | 14.18 | 14.21 | 14.47 | 14.81 | 14.32 |
| | 80F (26.7C) | TC | 18.36 | 20.09 | 20.21 | 20.21 | 20.22 | 20.32 | 20.64 | 20.94 | 21.25 | 21.58 | 20.22 | 18.66 | 17.91 | 17.17 | 16.46 | 15.29 |
| | | SC | 11.24 | 13.64 | 14.33 | 14.39 | 14.47 | 14.61 | 15.35 | 15.89 | 16.03 | 16.75 | 15.94 | 14.95 | 15.01 | 15.28 | 15.41 | 15.00 |
| DIY-24-HP-WMAH-230C25 DIY-24-HP-C-230C25 | 65F (18.3C) | TC | 19.72 | 21.21 | 20.97 | 22.75 | 23.10 | 23.85 | 24.22 | 24.10 | 24.49 | 24.66 | 23.47 | 23.02 | 21.87 | 21.48 | 20.61 | 19.15 |
| | | SC | 12.23 | 14.93 | 15.10 | 16.45 | 17.30 | 17.34 | 18.55 | 18.35 | 19.17 | 18.97 | 19.02 | 18.95 | 18.36 | 19.30 | 18.83 | 19.04 |
| | 70F (21.1C) | TC | 20.85 | 22.30 | 22.21 | 23.69 | 24.11 | 24.87 | 25.36 | 25.53 | 25.65 | 25.69 | 24.97 | 24.11 | 23.00 | 22.51 | 21.61 | 20.15 |
| | | SC | 12.85 | 15.60 | 15.89 | 17.02 | 17.94 | 17.97 | 19.32 | 19.32 | 19.96 | 19.66 | 20.13 | 19.73 | 19.21 | 20.14 | 19.64 | 19.96 |
| | 75F (23.9C) | TC | 22.06 | 23.33 | 23.56 | 24.68 | 25.35 | 26.35 | 26.89 | 26.65 | 27.17 | 27.04 | 26.07 | 25.27 | 24.44 | 23.75 | 22.65 | 21.17 |
| | | SC | 13.52 | 16.22 | 16.76 | 17.63 | 18.77 | 18.95 | 20.37 | 20.04 | 21.04 | 20.57 | 20.90 | 20.57 | 20.29 | 21.14 | 20.50 | 20.87 |
| | 80F (26.7C) | TC | 23.10 | 24.45 | 25.03 | 25.84 | 26.55 | 27.91 | 28.04 | 28.17 | 28.30 | 28.43 | 27.44 | 26.63 | 25.72 | 24.76 | 23.84 | 22.47 |
| | | SC | 14.09 | 16.90 | 17.72 | 18.37 | 19.56 | 19.95 | 21.12 | 21.07 | 21.79 | 21.49 | 21.87 | 21.54 | 21.22 | 21.92 | 21.46 | 22.05 |
| DIY-36-HP-WMAH-230C25 DIY-36-HP-C-230C25 | 65F (18.3C) | TC | 27.59 | 30.91 | 31.87 | 32.52 | 33.16 | 32.99 | 33.30 | 33.95 | 33.30 | 33.83 | 31.69 | 31.16 | 29.93 | 28.88 | 26.97 | 25.13 |
| | | SC | 18.01 | 21.23 | 23.04 | 23.09 | 24.70 | 23.82 | 25.87 | 26.24 | 25.59 | 26.35 | 25.38 | 25.50 | 24.91 | 25.84 | 25.26 | 25.02 |
| | 70F (21.1C) | TC | 29.29 | 32.46 | 33.55 | 34.41 | 34.68 | 34.51 | 34.73 | 35.58 | 35.32 | 35.31 | 33.43 | 32.53 | 31.71 | 30.37 | 28.69 | 26.31 |
| | | SC | 19.01 | 22.17 | 24.12 | 24.31 | 25.67 | 24.76 | 26.85 | 27.35 | 26.97 | 27.36 | 26.65 | 26.50 | 26.24 | 27.02 | 26.72 | 26.08 |
| | 75F (23.9C) | TC | 30.51 | 34.24 | 35.20 | 36.00 | 36.36 | 36.33 | 36.59 | 37.18 | 37.49 | 37.33 | 35.30 | 34.49 | 33.20 | 31.80 | 30.45 | 27.69 |
| | | SC | 19.68 | 23.26 | 25.18 | 25.31 | 26.75 | 25.91 | 28.16 | 28.40 | 28.48 | 28.74 | 27.98 | 27.97 | 27.32 | 28.15 | 28.19 | 27.36 |
| | 80F (26.7C) | TC | 32.19 | 36.43 | 37.41 | 37.77 | 38.11 | 38.60 | 38.76 | 38.93 | 39.09 | 39.25 | 37.55 | 36.04 | 34.66 | 33.16 | 31.72 | 29.40 |
| | | SC | 20.63 | 24.59 | 26.60 | 26.40 | 27.90 | 27.41 | 29.65 | 29.55 | 29.52 | 30.03 | 29.59 | 29.09 | 28.35 | 29.21 | 29.22 | 28.90 |

***Disclaimer: The unit was tested down to this temperature to show that it will continue to operate, however, it is well below the effective operational range. For more information on the recommended operational range please refer to the Owner's/Install manual.**

4th Gen. DIY E Star Performance Specifications

| HEATING PERFORMANCE DATA | | | | | | | | | | | | | | | | |
|--|------------------------|-------|-------------------------|------------|-------------|-----------|-------------|-------------|-------------|-------------|----------|------------|------------|------------|-----------|-------------|
| LEGEND: TC --- Total Net Capacity (1000 Btu/hour) Input --- Total Power (kW) DB --- Dry Bulb Temperature Measurement | | | | | | | | | | | | | | | | |
| Model | Heating | | Outdoor Conditions (DB) | | | | | | | | | | | | | |
| | Indoor Conditions (DB) | | -13F (-25C) | -4F (-20C) | 0F (-17.8C) | 5F (-15C) | 10F(-12.2C) | 17F (-8.3C) | 20F (-6.7C) | 25F (-3.9C) | 32F (0C) | 35F (1.7C) | 40F (4.4C) | 47F (8.3C) | 50F (10C) | 57F (13.9C) |
| DIY-12-HP-WMAH-115C25 DIY-12-HP-C-115C25 | 60F (15.6C) | TC | 3.94 | 5.35 | 5.96 | 6.62 | 7.55 | 8.69 | 9.22 | 9.67 | 10.06 | 10.57 | 12.20 | 13.36 | 13.95 | 14.58 |
| | | Input | 0.75 | 0.94 | 0.90 | 0.87 | 0.91 | 0.95 | 0.96 | 0.97 | 0.97 | 0.98 | 1.09 | 1.17 | 1.21 | 1.26 |
| | 65F (18.3C) | TC | 3.84 | 5.20 | 5.81 | 6.39 | 7.29 | 8.45 | 8.96 | 9.39 | 9.72 | 10.26 | 11.81 | 13.01 | 13.60 | 14.16 |
| | | Input | 0.77 | 0.97 | 0.93 | 0.89 | 0.93 | 0.98 | 0.99 | 0.99 | 1.00 | 1.01 | 1.12 | 1.20 | 1.24 | 1.29 |
| | 70F (21.1C) | TC | 3.75 | 5.04 | 5.66 | 6.18 | 7.11 | 8.22 | 8.66 | 9.07 | 9.48 | 9.93 | 11.41 | 12.62 | 13.19 | 13.76 |
| | | Input | 0.80 | 0.99 | 0.95 | 0.92 | 0.95 | 1.00 | 1.01 | 1.02 | 1.02 | 1.03 | 1.14 | 1.23 | 1.28 | 1.33 |
| | 75F (23.9C) | TC | 3.61 | 4.83 | 5.41 | 5.95 | 6.80 | 7.90 | 8.32 | 8.75 | 9.12 | 9.51 | 10.91 | 12.18 | 12.65 | 13.14 |
| | | Input | 0.82 | 1.02 | 0.98 | 0.95 | 0.98 | 1.03 | 1.04 | 1.04 | 1.05 | 1.06 | 1.18 | 1.26 | 1.32 | 1.36 |
| DIY-18-HP-WMAH-230C25 DIY-18-HP-C-230C25 | 60F (15.6C) | TC | 6.75 | 8.80 | 10.74 | 12.52 | 13.95 | 15.26 | 15.74 | 16.34 | 17.07 | 17.54 | 20.27 | 23.05 | 23.60 | 24.34 |
| | | Input | 1.23 | 1.36 | 1.45 | 1.45 | 1.57 | 1.68 | 1.66 | 1.65 | 1.63 | 1.61 | 1.71 | 1.77 | 1.80 | 1.80 |
| | 65F (18.3C) | TC | 6.53 | 8.55 | 10.47 | 12.13 | 13.54 | 14.80 | 15.34 | 15.94 | 16.61 | 17.11 | 19.72 | 22.27 | 22.91 | 23.67 |
| | | Input | 1.27 | 1.39 | 1.48 | 1.49 | 1.61 | 1.72 | 1.70 | 1.69 | 1.67 | 1.66 | 1.76 | 1.82 | 1.84 | 1.86 |
| | 70F (21.1C) | TC | 6.32 | 8.30 | 10.20 | 11.79 | 13.11 | 14.43 | 14.97 | 15.55 | 16.14 | 16.67 | 19.13 | 21.64 | 22.33 | 22.94 |
| | | Input | 1.30 | 1.43 | 1.52 | 1.52 | 1.65 | 1.77 | 1.75 | 1.74 | 1.73 | 1.71 | 1.80 | 1.87 | 1.89 | 1.90 |
| | 75F (23.9C) | TC | 6.05 | 8.01 | 9.82 | 11.29 | 12.57 | 13.84 | 14.31 | 14.99 | 15.57 | 15.98 | 18.29 | 20.82 | 21.44 | 22.05 |
| | | Input | 1.34 | 1.48 | 1.57 | 1.56 | 1.70 | 1.81 | 1.80 | 1.78 | 1.77 | 1.77 | 1.85 | 1.92 | 1.95 | 1.95 |
| DIY-24-HP-WMAH-230C25 DIY-24-HP-C-230C25 | 60F (15.6C) | TC | 10.97 | 11.90 | 13.42 | 15.01 | 17.57 | 19.65 | 20.69 | 21.55 | 22.67 | 23.37 | 28.01 | 32.41 | 33.43 | 34.49 |
| | | Input | 2.25 | 2.02 | 2.13 | 2.30 | 2.41 | 2.46 | 2.48 | 2.52 | 2.54 | 2.57 | 2.87 | 3.05 | 2.95 | 2.85 |
| | 65F (18.3C) | TC | 10.69 | 11.58 | 12.98 | 14.60 | 17.11 | 18.98 | 20.07 | 20.98 | 22.03 | 22.80 | 27.09 | 31.35 | 32.30 | 33.39 |
| | | Input | 2.29 | 2.08 | 2.19 | 2.35 | 2.48 | 2.54 | 2.55 | 2.58 | 2.62 | 2.63 | 2.94 | 3.13 | 3.01 | 2.92 |
| | 70F (21.1C) | TC | 10.33 | 11.23 | 12.56 | 14.13 | 16.55 | 18.52 | 19.43 | 20.35 | 21.28 | 22.18 | 26.35 | 30.44 | 31.30 | 32.26 |
| | | Input | 2.36 | 2.14 | 2.25 | 2.41 | 2.55 | 2.61 | 2.63 | 2.66 | 2.68 | 2.69 | 3.00 | 3.23 | 3.08 | 2.99 |
| | 75F (23.9C) | TC | 9.88 | 10.82 | 12.11 | 13.50 | 15.93 | 17.72 | 18.73 | 19.47 | 20.52 | 21.20 | 25.35 | 29.37 | 30.21 | 30.94 |
| | | Input | 2.43 | 2.21 | 2.32 | 2.48 | 2.64 | 2.68 | 2.70 | 2.73 | 2.76 | 2.77 | 3.09 | 3.31 | 3.19 | 3.06 |
| DIY-36-HP-WMAH-230C25 DIY-36-HP-C-230C25 | 60F (15.6C) | TC | 16.24 | 16.38 | 18.55 | 21.28 | 20.64 | 20.26 | 21.89 | 23.29 | 24.88 | 26.25 | 33.12 | 39.20 | 40.24 | 41.71 |
| | | Input | 2.94 | 2.98 | 3.04 | 3.12 | 3.09 | 3.04 | 3.04 | 3.04 | 3.05 | 3.04 | 3.05 | 3.61 | 4.04 | 4.01 |
| | 65F (18.3C) | TC | 15.69 | 15.88 | 18.08 | 20.72 | 20.14 | 19.69 | 21.17 | 22.55 | 24.13 | 25.49 | 32.03 | 38.09 | 39.26 | 40.38 |
| | | Input | 3.01 | 3.06 | 3.12 | 3.20 | 3.16 | 3.13 | 3.12 | 3.13 | 3.13 | 3.14 | 3.70 | 4.15 | 4.13 | 4.10 |
| | 70F (21.1C) | TC | 15.22 | 15.50 | 17.61 | 20.08 | 19.63 | 19.21 | 20.53 | 21.95 | 23.36 | 24.67 | 31.22 | 37.02 | 38.23 | 39.24 |
| | | Input | 3.09 | 3.15 | 3.21 | 3.28 | 3.24 | 3.21 | 3.20 | 3.21 | 3.22 | 3.21 | 3.80 | 4.26 | 4.24 | 4.21 |
| | 75F (23.9C) | TC | 14.54 | 14.94 | 16.97 | 19.30 | 18.84 | 18.38 | 19.69 | 21.01 | 22.47 | 23.56 | 30.06 | 35.61 | 36.55 | 37.79 |
| | | Input | 3.19 | 3.25 | 3.30 | 3.38 | 3.36 | 3.33 | 3.28 | 3.32 | 3.33 | 3.32 | 3.91 | 4.38 | 4.36 | 4.35 |