

**UP TO 21.0 SEER2 &  
10.0 HSPF2  
2 3, 4 AND 5 TONS**

**GOODMAN SD (SIDE DISCHARGE)  
HIGH-EFFICIENCY,  
ULTIMATE, VARIABLE-SPEED,  
INVERTER DRIVEN  
R-32 SPLIT SYSTEM HEAT PUMP**

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**R32**



## Standard Features

- Variable-speed swing compressors
- Strong heating capacity
- Quiet digitally commutated fan motor
- High-density compressor sound blanket
- Compatible with Goodman GTST connected thermostat and other Goodman communicating equipment
- Proprietary control algorithmic logic
- In communicating mode, only two low-voltage wires to outdoor unit required
- Diagnostic indicator lights, seven-segment LED display, and fault code storage
- Proprietary Inside intelligence for diagnostics
- Quiet-mode - provides enhanced acoustical comfort, up to 3 different sound levels (as low as 45dBA)
- Field-selectable boost mode increases compressor speed during unusually high loads
- Field-installed bi-flow filter drier
- Coil and ambient temperature sensors
- Suction/Discharge Pressure transducer
- Sweat connection service valves with easy access to gauge ports
- Advanced water-shedding drain pan
- 3-Stage Heater Kit Available as a Field Installed Option
- Hot gas base pan eliminates extra drain pan heater down to 5°F
- Hot start technology
- AHRI Certified; ETL Listed

## Cabinet Features

- Heavy-gauge galvanized steel cabinet with grille-style sound control side design
- Custom Ivory white powder-paint finish
- High corrosion (ZAM®), unpainted steel bottom frame and legs
- 500-hour salt-spray tested
- Wire fan discharge grille
- Top and side maintenance access
- When properly anchored, meets the 2023 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



Products that are recognized as the Most Efficient of ENERGY STAR® in 2025 prevent greenhouse gas emissions by meeting rigorous energy efficiency performance levels set by the U.S. Environmental Protection Agency.

\* Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov).



\* Complete warranty available from your local dealer or at [www.goodmanmfg.com](http://www.goodmanmfg.com). To receive the 10-Year Unit Replacement Limited Warranty (good for as long as you own your home) and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California, Florida, or Québec. The duration of warranty coverages in Texas and Florida differs in some cases. Changes in law, regulations, or technology may result in an equivalent unit not being available. Other limitations and exclusions apply, refer to complete warranty details for full list of limitations and exclusions, as well as rights and obligations should an equivalent unit not be available.

† One-time Compressor Replacement coverage is available to the original homeowner for years 11-99 after the installation date through an ASURE Extend Service Plan. Complete details about the Extended Service Plan options available from your ASURE dealer.

|                                                                | G | Z | V | 9 | S | A | 36  | 1 | C  | A  | A  |                                                                                    |
|----------------------------------------------------------------|---|---|---|---|---|---|-----|---|----|----|----|------------------------------------------------------------------------------------|
|                                                                | 1 | 2 | 3 | 4 | 5 | 6 | 7,8 | 9 | 10 | 11 | 12 |                                                                                    |
| <b>Brand</b><br>G Goodman Brand                                |   |   |   |   |   |   |     |   |    |    |    | <b>Minor Revision</b><br>A – Initial Release                                       |
| <b>Outdoor Type</b><br>Z: Heat Pump R-32                       |   |   |   |   |   |   |     |   |    |    |    | <b>Major Revision</b><br>A – Initial Release                                       |
| <b>Compressor Type</b><br>V: Variable Speed                    |   |   |   |   |   |   |     |   |    |    |    | <b>Variation</b><br>C - ALL CLIMATE                                                |
| <b>Nominal Efficiency (SEER2)</b><br>19.0+ = 9                 |   |   |   |   |   |   |     |   |    |    |    | <b>Electrical</b><br>1 – 208/230 V, 1 Phase, 60 Hz                                 |
| <b>Features/Application</b><br>S: Side Discharge Communicating |   |   |   |   |   |   |     |   |    |    |    | <b>Tonnage Nominal</b><br>24 - 2 tons<br>36 - 3 tons<br>48 - 4 tons<br>60 - 5 tons |
|                                                                |   |   |   |   |   |   |     |   |    |    |    | <b>Sales Region</b><br>A – All Regions                                             |

|                                          | GZV9SA<br>241CA*                                                                    | GZV9SA<br>361CA*                                                                     | GZV9S<br>A4810A*                                                                      | GZV9S<br>A6010A*                                                                      |
|------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>CAPACITIES (AHRI RATED)</b>           |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
| Max. Cooling (BTU/h)-95F                 | 24,000                                                                              | 34,200                                                                               | 46,000                                                                                | 54,000                                                                                |
| Max. Heating (BTU/h)-47F                 | 24,000                                                                              | 34,200                                                                               | 48,000                                                                                | 54,000                                                                                |
| Max. Heating (BTU/h)-5F                  | 24,000                                                                              | 34,200                                                                               | 44,000                                                                                | 47,000                                                                                |
| <b>AMBIENT OPERATION RANGE</b>           |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
| Cooling (°FDB(°CDB))                     | 0 to 115 (-17.8 to 46.1)                                                            |                                                                                      |                                                                                       |                                                                                       |
| Heating (°FDB(°CDB))                     | -20 to 70 (-28.9 to 21.1)                                                           |                                                                                      |                                                                                       |                                                                                       |
| <b>COMPRESSOR</b>                        |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
| Type                                     | Swing                                                                               | Swing                                                                                | Swing                                                                                 | Swing                                                                                 |
| <b>CONDENSER FAN MOTOR</b>               |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
| Horsepower                               | 2 x 0.32                                                                            | 2 x 0.32                                                                             | 2 x 0.32                                                                              | 2 x 0.32                                                                              |
| <b>REFRIGERATION SYSTEM</b>              |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
| Refrigerant Line Size <sup>1</sup>       |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
| Liquid Line Size ("O.D.)                 | 3/8"                                                                                | 3/8"                                                                                 | 3/8"                                                                                  | 3/8"                                                                                  |
| Suction Line Size ("O.D.)                | 7/8"                                                                                | 7/8"                                                                                 | 1 1/8"                                                                                | 1 1/8"                                                                                |
| Refrigerant Connection Size              |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
| Liquid Valve Size ("O.D.)                | 3/8"                                                                                | 3/8"                                                                                 | 3/8"                                                                                  | 3/8"                                                                                  |
| Suction Valve Size ("O.D.)               | 7/8"                                                                                | 7/8"                                                                                 | 7/8"                                                                                  | 7/8"                                                                                  |
| Valve Connection Type                    | Front and Back Sealing                                                              | Front and Back Sealing                                                               | Front and Back Sealing                                                                | Front and Back Sealing                                                                |
| Refrigerant Charge (oz.)                 | 162                                                                                 | 162                                                                                  | 162                                                                                   | 162                                                                                   |
| Expansion Device                         | EEV                                                                                 | EEV                                                                                  | EEV                                                                                   | EEV                                                                                   |
| Superheat at Service Valve               | Auto-control                                                                        | Auto-control                                                                         | Auto-control                                                                          | Auto-control                                                                          |
| Subcooling at Service Valve              | 11±1°F                                                                              | 11±1°F                                                                               | 11±1°F                                                                                | 11±1°F                                                                                |
| <b>ELECTRICAL DATA</b>                   |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
| Voltage / Phase (60 Hz)                  | 208-230/1                                                                           | 208-230/1                                                                            | 208-230/1                                                                             | 208-230/1                                                                             |
| Fan/Compressor Inverter Drive Input      | 8.0                                                                                 | 12.0                                                                                 | 24.5                                                                                  | 24.5                                                                                  |
| Minimum Circuit Ampacity <sup>2</sup>    | 17.4                                                                                | 21.8                                                                                 | 34.4                                                                                  | 34.4                                                                                  |
| Max. Overcurrent Protection <sup>3</sup> | 20                                                                                  | 25                                                                                   | 40                                                                                    | 40                                                                                    |
| Min / Max Volts                          | 197/253                                                                             | 197/253                                                                              | 197/253                                                                               | 197/253                                                                               |
| Electrical Conduit Size                  | 1/2" or 3/4"                                                                        | 1/2" or 3/4"                                                                         | 1/2" or 3/4"                                                                          | 1/2" or 3/4"                                                                          |
| <b>EQUIPMENT WEIGHT (LBS)</b>            | 230                                                                                 | 230                                                                                  | 230                                                                                   | 230                                                                                   |
| <b>SHIP WEIGHT (LBS)</b>                 | 265                                                                                 | 265                                                                                  | 265                                                                                   | 265                                                                                   |
| <b>ENERGY STAR® CERTIFIED</b>            |  |  |  |  |

<sup>1</sup> Tested and rated in accordance with AHRI Standard 210/240

<sup>2</sup> Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

<sup>3</sup> Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

**NOTES**

- Always check the S&R plate for electrical data on the unit being installed.
- Installer will need to supply 7/8" to 1 1/8" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

(See table below for allowable line set diameter)

**ENERGY STAR NOTES**

Proper sizing and installation of equipment is critical to achieving optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet **ENERGY STAR** criteria. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov). The [www.energystar.gov](http://www.energystar.gov) website provides up-to-date system combinations certified to meet **ENERGY STAR** requirements.

| UNIT TONS | ALLOWABLE LINE SET DIAMETER |     |         |     |     |       |
|-----------|-----------------------------|-----|---------|-----|-----|-------|
|           | LIQUID                      |     | SUCTION |     |     |       |
|           | 5/16                        | 3/8 | 5/8     | 3/4 | 7/8 | 1 1/8 |
| 2.0       | X                           | X   | X       | X   | X   |       |
| 3.0       | X                           | X   |         | X   | X   |       |
| 4.0       |                             | X   |         |     | X   | X     |
| 5.0       |                             | X   |         |     | X   | X     |

x Allowable combination

|                     |                                                                           |                                                                                            |
|---------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <b>OUTDOOR UNIT</b> | GZV9S*361*A*<br>GZV9S*481*A*<br>GZV9S*601*A*                              | TRIM MORE THAN 5%<br>SETTINGS ARE INVALID.<br>TRIMMED UP CFM MAKES<br>MISS MATCHING ERROR. |
| <b>INDOOR UNIT</b>  | A*VT960403B / 0603B<br>A*VM970603B<br>A*VT800603B / 0803B<br>A*VS960603BU |                                                                                            |
|                     |                                                                           |                                                                                            |
|                     |                                                                           |                                                                                            |

|             |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |             |      |      |       |      |      |      |       |      |      |      |
|-------------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------------|------|------|-------|------|------|------|-------|------|------|------|
|             |         | 65°F                        |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F |             |      |      | 105°F |      |      |      | 115°F |      |      |      |
| IDB*        | AIRFLOW | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63          | 67   | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71   |
| <b>70</b>   | MBh     | 25.0                        | 25.3 | 26.1 |      | 24.5 | 24.9 | 25.6 |      | 23.7 | 24.0 | 24.7 |      | 22.4 | 22.7        | 23.4 |      | 20.8  | 21.2 | 21.9 |      | 19.4  | 19.8 | 20.5 |      |
|             | S/T     | 0.63                        | 0.54 | 0.40 |      | 0.63 | 0.55 | 0.41 |      | 0.65 | 0.57 | 0.43 |      | 0.67 | 0.59        | 0.45 |      | 0.69  | 0.61 | 0.47 |      | 0.74  | 0.66 | 0.52 |      |
|             | ΔT      | 20                          | 18   | 15   |      | 20   | 18   | 14   |      | 19   | 18   | 14   |      | 19   | 17          | 14   |      | 18    | 17   | 13   |      | 19    | 17   | 14   |      |
|             | kW      | 1.26                        | 1.26 | 1.26 |      | 1.47 | 1.47 | 1.46 |      | 1.70 | 1.70 | 1.70 |      | 1.97 | 1.97        | 1.96 |      | 2.27  | 2.27 | 2.26 |      | 2.63  | 2.63 | 2.62 |      |
|             | Amps    | 6.0                         | 6.0  | 5.9  |      | 6.7  | 6.7  | 6.7  |      | 7.5  | 7.5  | 7.5  |      | 8.4  | 8.4         | 8.4  |      | 9.3   | 9.3  | 9.3  |      | 10.5  | 10.5 | 10.4 |      |
|             | Hi PR   | 218                         | 219  | 221  |      | 257  | 258  | 260  |      | 299  | 300  | 301  |      | 345  | 346         | 347  |      | 395   | 396  | 397  |      | 450   | 451  | 452  |      |
| <b>75</b>   | Lo PR   | 129                         | 133  | 140  |      | 133  | 137  | 144  |      | 136  | 140  | 147  |      | 137  | 141         | 148  |      | 138   | 142  | 149  |      | 140   | 143  | 151  |      |
|             | MBh     | 25.4                        | 25.7 | 26.5 |      | 24.9 | 25.3 | 26.0 |      | 24.0 | 24.4 | 25.1 |      | 22.7 | 23.1        | 23.8 |      | 21.2  | 21.5 | 22.3 |      | 19.8  | 20.1 | 20.9 |      |
|             | S/T     | 0.71                        | 0.63 | 0.48 |      | 0.71 | 0.63 | 0.49 |      | 0.73 | 0.65 | 0.51 |      | 0.75 | 0.67        | 0.53 |      | 0.77  | 0.69 | 0.55 |      | 0.82  | 0.74 | 0.60 |      |
|             | ΔT      | 19                          | 17   | 13   |      | 18   | 16   | 13   |      | 18   | 16   | 13   |      | 18   | 16          | 13   |      | 17    | 15   | 12   |      | 18    | 16   | 13   |      |
|             | kW      | 1.27                        | 1.27 | 1.27 |      | 1.48 | 1.48 | 1.47 |      | 1.71 | 1.71 | 1.71 |      | 1.98 | 1.98        | 1.97 |      | 2.28  | 2.28 | 2.28 |      | 2.64  | 2.64 | 2.64 |      |
|             | Amps    | 6.0                         | 6.0  | 6.0  |      | 6.8  | 6.8  | 6.7  |      | 7.6  | 7.6  | 7.6  |      | 8.4  | 8.4         | 8.4  |      | 9.4   | 9.4  | 9.4  |      | 10.5  | 10.5 | 10.5 |      |
| <b>1040</b> | Hi PR   | 221                         | 222  | 223  |      | 260  | 260  | 262  |      | 301  | 302  | 304  |      | 347  | 348         | 350  |      | 397   | 398  | 400  |      | 452   | 453  | 455  |      |
|             | Lo PR   | 132                         | 135  | 143  |      | 135  | 139  | 147  |      | 138  | 142  | 149  |      | 139  | 143         | 150  |      | 140   | 144  | 151  |      | 142   | 145  | 153  |      |
|             | MBh     | 25.8                        | 26.2 | 26.9 |      | 25.4 | 25.7 | 26.5 |      | 24.5 | 24.9 | 25.6 |      | 23.2 | 23.6        | 24.3 |      | 21.7  | 22.0 | 22.7 |      | 20.3  | 20.6 | 21.3 |      |
|             | S/T     | 0.75                        | 0.67 | 0.52 |      | 0.75 | 0.67 | 0.53 |      | 0.77 | 0.69 | 0.55 |      | 0.79 | 0.71        | 0.57 |      | 0.81  | 0.73 | 0.59 |      | 0.99  | 0.78 | 0.64 |      |
|             | ΔT      | 18                          | 16   | 12   |      | 17   | 15   | 12   |      | 17   | 15   | 12   |      | 17   | 15          | 12   |      | 16    | 14   | 11   |      | 17    | 15   | 12   |      |
|             | kW      | 1.28                        | 1.28 | 1.28 |      | 1.49 | 1.48 | 1.48 |      | 1.72 | 1.72 | 1.72 |      | 1.99 | 1.98        | 1.98 |      | 2.29  | 2.29 | 2.28 |      | 2.65  | 2.65 | 2.65 |      |
| <b>770</b>  | Amps    | 6.1                         | 6.0  | 6.0  |      | 6.8  | 6.8  | 6.8  |      | 7.6  | 7.6  | 7.6  |      | 8.5  | 8.5         | 8.5  |      | 9.4   | 9.4  | 9.4  |      | 10.5  | 10.5 | 10.5 |      |
|             | Hi PR   | 223                         | 224  | 225  |      | 262  | 263  | 264  |      | 303  | 304  | 306  |      | 349  | 350         | 352  |      | 400   | 401  | 402  |      | 454   | 455  | 457  |      |
|             | Lo PR   | 134                         | 138  | 145  |      | 138  | 142  | 149  |      | 140  | 144  | 152  |      | 142  | 145         | 153  |      | 142   | 146  | 153  |      | 144   | 148  | 155  |      |
|             | MBh     | 25.0                        | 25.3 | 26.1 | 27.2 | 24.5 | 24.9 | 25.6 | 26.8 | 23.7 | 24.0 | 24.8 | 25.9 | 22.4 | 22.7        | 23.4 | 24.6 | 20.8  | 21.2 | 21.9 | 23.0 | 19.4  | 19.8 | 20.5 | 21.6 |
|             | S/T     | 0.76                        | 0.68 | 0.54 | 0.39 | 1.00 | 0.69 | 0.54 | 0.39 | 1.00 | 0.71 | 0.57 | 0.42 | 1.00 | 0.73        | 0.58 | 0.44 | 1.00  | 0.75 | 0.61 | 0.46 | 0.99  | 0.80 | 0.66 | 0.51 |
|             | ΔT      | 24                          | 22   | 19   | 15   | 24   | 22   | 18   | 15   | 23   | 22   | 18   | 15   | 23   | 21          | 18   | 14   | 22    | 20   | 17   | 14   | 23    | 21   | 18   | 15   |
| <b>900</b>  | kW      | 1.26                        | 1.26 | 1.26 | 1.27 | 1.47 | 1.46 | 1.46 | 1.47 | 1.70 | 1.70 | 1.70 | 1.71 | 1.97 | 1.96        | 1.96 | 1.97 | 2.27  | 2.27 | 2.26 | 2.28 | 2.63  | 2.63 | 2.62 | 2.64 |
|             | Amps    | 6.0                         | 6.0  | 5.9  | 6.0  | 6.7  | 6.7  | 6.7  | 6.7  | 7.5  | 7.5  | 7.5  | 7.6  | 8.4  | 8.4         | 8.4  | 8.4  | 9.3   | 9.3  | 9.3  | 9.4  | 10.5  | 10.4 | 10.4 | 10.5 |
|             | Hi PR   | 219                         | 220  | 221  | 225  | 257  | 258  | 260  | 264  | 299  | 300  | 302  | 306  | 345  | 346         | 347  | 351  | 395   | 396  | 398  | 402  | 450   | 451  | 452  | 457  |
|             | Lo PR   | 129                         | 133  | 140  | 152  | 133  | 137  | 144  | 156  | 136  | 140  | 147  | 158  | 137  | 141         | 148  | 159  | 138   | 142  | 149  | 160  | 140   | 144  | 151  | 162  |
|             | MBh     | 25.4                        | 25.7 | 26.5 | 27.6 | 24.9 | 25.3 | 26.0 | 27.2 | 24.1 | 24.4 | 25.1 | 26.3 | 22.7 | <b>23.1</b> | 23.8 | 24.9 | 21.2  | 21.6 | 22.3 | 23.4 | 19.8  | 20.2 | 20.9 | 22.0 |
|             | S/T     | 0.84                        | 0.76 | 0.62 | 0.47 | 1.00 | 0.77 | 0.62 | 0.47 | 1.00 | 0.79 | 0.65 | 0.50 | 1.00 | <b>0.81</b> | 0.66 | 0.51 | 1.00  | 0.83 | 0.68 | 0.54 | 0.99  | 0.88 | 0.74 | 0.59 |
| <b>1040</b> | ΔT      | 23                          | 21   | 17   | 14   | 22   | 20   | 17   | 14   | 22   | 20   | 17   | 14   | 21   | <b>20</b>   | 16   | 13   | 21    | 19   | 16   | 13   | 21    | 20   | 17   | 13   |
|             | kW      | 1.27                        | 1.27 | 1.27 | 1.28 | 1.48 | 1.47 | 1.47 | 1.48 | 1.71 | 1.71 | 1.71 | 1.72 | 1.98 | <b>1.97</b> | 1.97 | 1.99 | 2.28  | 2.28 | 2.27 | 2.29 | 2.64  | 2.64 | 2.64 | 2.65 |
|             | Amps    | 6.0                         | 6.0  | 6.0  | 6.0  | 6.8  | 6.7  | 6.7  | 6.8  | 7.6  | 7.6  | 7.5  | 7.6  | 8.4  | <b>8.4</b>  | 8.4  | 8.5  | 9.4   | 9.4  | 9.4  | 9.4  | 10.5  | 10.5 | 10.5 | 10.5 |
|             | Hi PR   | 221                         | 222  | 223  | 227  | 260  | 261  | 262  | 266  | 301  | 302  | 304  | 308  | 347  | <b>348</b>  | 350  | 354  | 397   | 398  | 400  | 404  | 452   | 453  | 455  | 459  |
|             | Lo PR   | 132                         | 135  | 143  | 154  | 135  | 139  | 147  | 158  | 138  | 142  | 149  | 161  | 139  | <b>143</b>  | 150  | 162  | 140   | 144  | 151  | 162  | 142   | 145  | 153  | 164  |
|             | MBh     | 25.9                        | 26.2 | 27.0 | 28.1 | 25.4 | 25.8 | 26.5 | 27.6 | 24.5 | 24.9 | 25.6 | 26.7 | 23.2 | 23.6        | 24.3 | 25.4 | 21.7  | 22.0 | 22.7 | 23.9 | 20.3  | 20.6 | 21.3 | 22.4 |
| <b>770</b>  | S/T     | 1.00                        | 0.80 | 0.66 | 0.51 | 1.00 | 0.81 | 0.66 | 0.51 | 1.00 | 0.83 | 0.69 | 0.54 | 1.00 | 0.85        | 0.70 | 0.55 | 1.00  | 0.87 | 0.72 | 0.57 | 0.99  | 0.92 | 0.77 | 0.63 |
|             | ΔT      | 22                          | 20   | 16   | 13   | 21   | 19   | 16   | 13   | 21   | 19   | 16   | 13   | 20   | 19          | 15   | 12   | 20    | 18   | 15   | 12   | 20    | 19   | 16   | 12   |
|             | kW      | 1.28                        | 1.28 | 1.27 | 1.29 | 1.48 | 1.48 | 1.48 | 1.49 | 1.72 | 1.72 | 1.72 | 1.73 | 1.99 | 1.98        | 1.98 | 1.99 | 2.29  | 2.29 | 2.28 | 2.30 | 2.65  | 2.65 | 2.64 | 2.66 |
|             | Amps    | 6.0                         | 6.0  | 6.0  | 6.1  | 6.8  | 6.8  | 6.8  | 6.8  | 7.6  | 7.6  | 7.6  | 7.6  | 8.5  | 8.5         | 8.5  | 8.5  | 9.4   | 9.4  | 9.4  | 9.5  | 10.5  | 10.5 | 10.5 | 10.6 |
|             | Hi PR   | 223                         | 224  | 226  | 229  | 262  | 263  | 264  | 268  | 304  | 305  | 306  | 310  | 349  | 350         | 352  | 356  | 400   | 401  | 402  | 406  | 455   | 456  | 457  | 461  |
|             | Lo PR   | 134                         | 138  | 145  | 157  | 138  | 142  | 149  | 161  | 140  | 144  | 152  | 163  | 142  | 146         | 153  | 164  | 142   | 146  | 153  | 165  | 144   | 148  | 155  | 166  |

kW = Total system power  
Amps = outdoor unit amps

Shaded area is ACCA (TVA) conditions

IDB\*: Entering Indoor Dry Bulb Temperature  
High and low pressures are measured at the liquid and suction service valves.  
Airflow may vary depending on actual ambient conditions and system operation modes.

|      |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |       |      |      |  |  |
|------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|-------|------|------|--|--|
|      |         | 65°F                        |      |      |      |      | 75°F |      |      |      |      | 85°F |      |      |      |      | 95°F |      |      |      |      | 105°F |      |      |      |      | 115°F |      |      |  |  |
| IDB* | AIRFLOW | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59   | 63    | 67   | 71   |  |  |
| 770  | MBh     | 25.1                        | 25.5 | 26.2 | 27.4 | 24.7 | 25.0 | 25.8 | 26.9 | 23.8 | 24.2 | 24.9 | 26.0 | 22.5 | 22.8 | 23.6 | 24.7 | 21.0 | 21.3 | 22.0 | 23.1 | 19.6  | 19.9 | 20.6 | 21.7 | 19.6 | 19.9  | 20.6 | 21.7 |  |  |
|      | S/T     | 1.00                        | 0.81 | 0.67 | 0.52 | 1.00 | 0.82 | 0.67 | 0.52 | 1.00 | 0.84 | 0.70 | 0.55 | 1.00 | 0.86 | 0.72 | 0.57 | 1.00 | 0.88 | 0.74 | 0.59 | 0.99  | 0.93 | 0.79 | 0.64 | 0.99 | 0.93  | 0.79 | 0.64 |  |  |
|      | ΔT      | 28                          | 26   | 23   | 19   | 28   | 26   | 22   | 19   | 27   | 26   | 22   | 19   | 26   | 25   | 22   | 18   | 26   | 24   | 21   | 18   | 26    | 25   | 21   | 18   | 26   | 25    | 21   | 18   |  |  |
|      | kW      | 1.26                        | 1.26 | 1.26 | 1.27 | 1.47 | 1.47 | 1.46 | 1.47 | 1.70 | 1.70 | 1.70 | 1.71 | 1.97 | 1.96 | 1.96 | 1.98 | 2.27 | 2.27 | 2.26 | 2.28 | 2.63  | 2.63 | 2.62 | 2.64 | 2.63 | 2.63  | 2.62 | 2.64 |  |  |
|      | Amps    | 6.0                         | 6.0  | 5.9  | 6.0  | 6.7  | 6.7  | 6.7  | 6.7  | 7.5  | 7.5  | 7.5  | 7.6  | 8.4  | 8.4  | 8.4  | 8.4  | 9.3  | 9.3  | 9.3  | 9.4  | 10.5  | 10.5 | 10.5 | 10.4 | 10.5 | 10.5  | 10.4 | 10.5 |  |  |
|      | Hi PR   | 219                         | 220  | 222  | 225  | 258  | 259  | 260  | 264  | 299  | 300  | 302  | 306  | 345  | 346  | 348  | 352  | 395  | 396  | 398  | 402  | 450   | 451  | 453  | 457  | 450  | 451   | 453  | 457  |  |  |
| 800  | Lo PR   | 130                         | 134  | 141  | 152  | 134  | 138  | 145  | 156  | 136  | 140  | 148  | 159  | 138  | 142  | 149  | 160  | 138  | 142  | 149  | 161  | 140   | 144  | 151  | 162  | 140  | 144   | 151  | 162  |  |  |
|      | MBh     | 25.5                        | 25.9 | 26.6 | 27.7 | 25.1 | 25.4 | 26.1 | 27.3 | 24.2 | 24.5 | 25.3 | 26.4 | 22.9 | 23.2 | 24.0 | 25.1 | 21.3 | 21.7 | 22.4 | 23.5 | 19.9  | 20.3 | 21.0 | 22.1 | 19.9 | 20.3  | 21.0 | 22.1 |  |  |
|      | S/T     | 1.00                        | 0.89 | 0.75 | 0.60 | 1.00 | 0.90 | 0.75 | 0.60 | 1.00 | 0.92 | 0.78 | 0.63 | 1.00 | 0.94 | 0.80 | 0.65 | 1.00 | 0.96 | 0.82 | 0.67 | 0.99  | 0.99 | 0.87 | 0.72 | 0.99 | 0.99  | 0.87 | 0.72 |  |  |
|      | ΔT      | 27                          | 25   | 22   | 18   | 26   | 24   | 21   | 18   | 26   | 24   | 21   | 17   | 25   | 23   | 20   | 17   | 24   | 23   | 20   | 16   | 25    | 23   | 20   | 17   | 24   | 23    | 20   | 17   |  |  |
|      | kW      | 1.27                        | 1.27 | 1.27 | 1.28 | 1.48 | 1.48 | 1.47 | 1.48 | 1.71 | 1.71 | 1.71 | 1.72 | 1.98 | 1.98 | 1.97 | 2.01 | 2.28 | 2.28 | 2.28 | 2.29 | 2.64  | 2.64 | 2.64 | 2.65 | 2.64 | 2.64  | 2.63 | 2.65 |  |  |
|      | Amps    | 6.0                         | 6.0  | 6.0  | 6.1  | 6.8  | 6.8  | 6.7  | 6.8  | 7.6  | 7.6  | 7.6  | 7.6  | 8.4  | 8.4  | 8.4  | 8.5  | 9.4  | 9.4  | 9.4  | 9.4  | 10.5  | 10.5 | 10.5 | 10.5 | 10.5 | 10.5  | 10.5 | 10.5 |  |  |
| 1040 | Hi PR   | 221                         | 222  | 224  | 228  | 260  | 261  | 263  | 267  | 302  | 303  | 304  | 308  | 348  | 349  | 350  | 354  | 398  | 399  | 401  | 405  | 453   | 454  | 455  | 459  | 453  | 454   | 455  | 459  |  |  |
|      | Lo PR   | 132                         | 136  | 143  | 155  | 136  | 140  | 147  | 159  | 139  | 143  | 150  | 161  | 140  | 144  | 151  | 162  | 140  | 144  | 152  | 163  | 142   | 146  | 153  | 164  | 142  | 146   | 153  | 164  |  |  |
|      | MBh     | 26.0                        | 26.3 | 27.1 | 28.2 | 25.5 | 25.9 | 26.6 | 27.8 | 24.7 | 25.0 | 25.7 | 26.9 | 23.3 | 23.7 | 24.4 | 25.5 | 21.8 | 22.1 | 22.9 | 24.0 | 20.4  | 20.7 | 21.5 | 22.6 | 20.4 | 20.7  | 21.5 | 22.6 |  |  |
|      | S/T     | 1.00                        | 0.94 | 0.79 | 0.64 | 1.00 | 0.94 | 0.79 | 0.64 | 1.00 | 0.96 | 0.82 | 0.67 | 1.00 | 1.00 | 0.84 | 0.69 | 1.00 | 1.00 | 0.85 | 0.71 | 0.99  | 0.99 | 0.90 | 0.76 | 0.99 | 0.99  | 0.90 | 0.76 |  |  |
|      | ΔT      | 26                          | 24   | 20   | 17   | 25   | 23   | 20   | 17   | 25   | 23   | 20   | 16   | 24   | 22   | 19   | 16   | 23   | 22   | 19   | 15   | 24    | 22   | 19   | 16   | 24   | 22    | 19   | 16   |  |  |
|      | kW      | 1.28                        | 1.28 | 1.28 | 1.29 | 1.48 | 1.48 | 1.48 | 1.49 | 1.72 | 1.72 | 1.72 | 1.73 | 1.99 | 1.98 | 2.01 | 2.02 | 2.29 | 2.29 | 2.28 | 2.30 | 2.65  | 2.65 | 2.65 | 2.66 | 2.65 | 2.65  | 2.65 | 2.66 |  |  |
| 1040 | Amps    | 6.1                         | 6.0  | 6.0  | 6.1  | 6.8  | 6.8  | 6.8  | 6.8  | 7.6  | 7.6  | 7.6  | 7.6  | 8.5  | 8.5  | 8.5  | 8.5  | 9.4  | 9.4  | 9.4  | 9.5  | 10.5  | 10.5 | 10.5 | 10.6 | 10.5 | 10.5  | 10.5 | 10.6 |  |  |
|      | Hi PR   | 224                         | 224  | 226  | 230  | 262  | 263  | 265  | 269  | 304  | 305  | 307  | 311  | 350  | 351  | 352  | 356  | 400  | 401  | 403  | 407  | 455   | 455  | 456  | 458  | 455  | 456   | 458  | 462  |  |  |
|      | Lo PR   | 135                         | 139  | 146  | 158  | 139  | 143  | 150  | 162  | 141  | 145  | 152  | 164  | 142  | 146  | 153  | 165  | 143  | 147  | 154  | 165  | 144   | 148  | 155  | 167  | 144  | 148   | 155  | 167  |  |  |

|             |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| <b>770</b>  | MBh   | 25.5 | 25.9 | 26.6 | 27.8 | 25.1 | 25.4 | 26.2 | 27.3 | 24.2 | 24.6 | 25.3 | 26.4 | 22.9 | 23.3 | 24.0 | 25.1 | 21.4 | 21.7 | 22.4 | 23.5 | 20.0 | 20.3 | 21.0 | 22.1 | 20.0 | 20.3 | 21.0 | 22.1 |
|             | S/T   | 1.00 | 1.00 | 0.78 | 0.63 | 1.00 | 1.00 | 0.78 | 0.63 | 1.00 | 1.00 | 0.81 | 0.65 | 1.00 | 1.00 | 0.82 | 0.67 | 1.00 | 1.00 | 0.84 | 0.69 | 0.99 | 0.99 | 0.89 | 0.74 | 0.99 | 0.99 | 0.89 | 0.74 |
|             | ΔT    | 32   | 30   | 26   | 23   | 31   | 29   | 26   | 22   | 31   | 29   | 26   | 22   | 30   | 28   | 25   | 22   | 29   | 27   | 24   | 21   | 29   | 28   | 25   | 22   | 29   | 28   | 25   | 22   |
|             | kW    | 1.26 | 1.26 | 1.26 | 1.27 | 1.47 | 1.47 | 1.47 | 1.48 | 1.71 | 1.70 | 1.70 | 1.71 | 1.97 | 1.97 | 1.97 | 1.98 | 2.27 | 2.27 | 2.27 | 2.28 | 2.63 | 2.63 | 2.63 | 2.64 | 2.63 | 2.63 | 2.63 | 2.64 |
|             | Amps  | 6.0  | 6.0  | 6.0  | 6.0  | 6.7  | 6.7  | 6.7  | 6.8  | 7.5  | 7.5  | 7.5  | 7.6  | 8.4  | 8.4  | 8.4  | 8.4  | 9.4  | 9.4  | 9.3  | 9.4  | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 |
|             | Hi PR | 220  | 221  | 223  | 226  | 259  | 260  | 261  | 265  | 301  | 301  | 303  | 307  | 346  | 347  | 349  | 353  | 397  | 398  | 399  | 403  | 451  | 452  | 454  | 458  | 451  | 452  | 454  | 458  |
| <b>85</b>   | Lo PR | 132  | 136  | 143  | 155  | 136  | 140  | 147  | 159  | 138  | 142  | 150  | 161  | 139  | 143  | 151  | 162  | 140  | 144  | 151  | 162  | 142  | 146  | 153  | 164  | 142  | 146  | 153  | 164  |
|             | MBh   | 25.9 | 26.3 | 27.0 | 28.2 | 25.5 | 25.8 | 26.6 | 27.7 | 24.6 | 25.0 | 25.7 | 26.8 | 23.3 | 23.6 | 24.4 | 25.5 | 21.7 | 22.1 | 22.8 | 23.9 | 20.3 | 20.7 | 21.4 | 22.5 | 20.3 | 20.7 | 21.4 | 22.5 |
|             | S/T   | 1.00 | 1.00 | 0.86 | 0.71 | 1.00 | 1.00 | 0.86 | 0.71 | 1.00 | 1.00 | 0.88 | 0.73 | 1.00 | 1.00 | 0.90 | 0.75 | 1.00 | 1.00 | 0.92 | 0.77 | 0.99 | 0.99 | 0.97 | 0.82 | 0.99 | 0.99 | 0.97 | 0.82 |
|             | ΔT    | 30   | 29   | 25   | 22   | 30   | 28   | 25   | 21   | 29   | 28   | 24   | 21   | 29   | 27   | 24   | 20   | 28   | 26   | 23   | 20   | 28   | 27   | 23   | 20   | 28   | 27   | 23   | 20   |
|             | kW    | 1.27 | 1.27 | 1.27 | 1.28 | 1.48 | 1.48 | 1.48 | 1.49 | 1.72 | 1.71 | 1.71 | 1.72 | 1.98 | 1.98 | 2.02 | 2.03 | 2.28 | 2.28 | 2.28 | 2.29 | 2.64 | 2.64 | 2.64 | 2.65 | 2.64 | 2.64 | 2.64 | 2.65 |
|             | Amps  | 6.0  | 6.0  | 6.0  | 6.1  | 6.8  | 6.8  | 6.8  | 6.8  | 7.6  | 7.6  | 7.6  | 7.6  | 8.5  | 8.4  | 8.4  | 8.5  | 9.4  | 9.4  | 9.4  | 9.4  | 10.5 | 10.5 | 10.5 | 10.6 | 10.5 | 10.5 | 10.5 | 10.6 |
| <b>1040</b> | Hi PR | 222  | 223  | 225  | 229  | 261  | 262  | 264  | 268  | 303  | 304  | 305  | 309  | 349  | 350  | 351  | 355  | 399  | 400  | 402  | 406  | 454  | 455  | 456  | 461  | 454  | 455  | 456  | 461  |
|             | Lo PR | 134  | 138  | 145  | 157  | 138  | 142  | 149  | 161  | 140  | 144  | 152  | 163  | 142  | 145  | 153  | 164  | 142  | 146  | 153  | 165  | 144  | 148  | 155  | 166  | 144  | 148  | 155  | 166  |
|             | MBh   | 26.4 | 26.8 | 27.5 | 28.7 | 26.0 | 26.3 | 27.0 | 28.2 | 25.1 | 25.4 | 26.2 | 27.3 | 23.8 | 24.1 | 24.8 | 25.9 | 22.2 | 22.6 | 23.3 | 24.4 | 20.8 | 21.1 | 21.9 | 23.0 | 20.8 | 21.1 | 21.9 | 23.0 |
|             | S/T   | 1.00 | 1.00 | 0.90 | 0.75 | 1.00 | 1.00 | 0.90 | 0.75 | 1.00 | 1.00 | 0.92 | 0.77 | 1.00 | 1.00 | 0.94 | 0.79 | 1.00 | 1.00 | 0.96 | 0.81 | 0.99 | 0.99 | 0.90 | 0.86 | 0.99 | 0.99 | 0.90 | 0.86 |
|             | ΔT    | 29   | 27   | 24   | 20   | 29   | 27   | 24   | 20   | 28   | 27   | 23   | 20   | 28   | 26   | 23   | 19   | 27   | 25   | 22   | 19   | 27   | 26   | 22   | 19   | 27   | 26   | 22   | 19   |
|             | kW    | 1.28 | 1.28 | 1.28 | 1.29 | 1.49 | 1.49 | 1.49 | 1.48 | 1.72 | 1.72 | 1.72 | 1.73 | 1.99 | 1.99 | 2.03 | 2.04 | 2.29 | 2.29 | 2.29 | 2.30 | 2.65 | 2.65 | 2.65 | 2.66 | 2.65 | 2.65 | 2.65 | 2.66 |
| <b>1040</b> | Amps  | 6.1  | 6.1  | 6.0  | 6.1  | 6.8  | 6.8  | 6.8  | 6.8  | 7.6  | 7.6  | 7.6  | 7.7  | 8.5  | 8.5  | 8.5  | 8.5  | 9.4  | 9.4  | 9.4  | 9.5  | 10.6 | 10.5 | 10.5 | 10.6 | 10.6 | 10.5 | 10.5 | 10.6 |
|             | Hi PR | 225  | 227  | 231  | 234  | 263  | 264  | 266  | 270  | 305  | 306  | 308  | 312  | 351  | 352  | 354  | 358  | 401  | 402  | 404  | 408  | 456  | 457  | 459  | 463  | 456  | 457  | 459  | 463  |
|             | Lo PR | 137  | 141  | 148  | 160  | 140  | 144  | 152  | 164  | 143  | 147  | 154  | 166  | 144  | 148  | 155  | 167  | 144  | 148  | 156  | 167  | 146  | 150  | 157  | 168  | 146  | 150  | 157  | 168  |

IDB\*: Entering Indoor Dry Bulb Temperature

High and low pressures are measured at the liquid and suction service valves.

Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is AHRI conditions

kW = Total system power

Amps = outdoor unit amps

| IDB* |         | OUTDOOR AMBIENT TEMPERATURE          |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |       |      |      |    |       |      |      |    |
|------|---------|--------------------------------------|------|------|----|------|------|------|----|------|------|------|----|------|------|------|----|-------|------|------|----|-------|------|------|----|
|      |         | 65°F                                 |      |      |    | 75°F |      |      |    | 85°F |      |      |    | 95°F |      |      |    | 105°F |      |      |    | 115°F |      |      |    |
|      |         | ENTERING INDOOR WET BULB TEMPERATURE |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |       |      |      |    |       |      |      |    |
| 1230 | AIRFLOW | 59                                   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59    | 63   | 67   | 71 | 59    | 63   | 67   | 71 |
|      | MBh     | 36.8                                 | 37.3 | 38.4 |    | 35.8 | 36.3 | 37.3 |    | 34.1 | 34.6 | 35.7 |    | 31.9 | 32.4 | 33.4 |    | 29.4  | 29.8 | 30.9 |    | 27.1  | 27.5 | 28.5 |    |
|      | S/T     | 0.67                                 | 0.58 | 0.43 |    | 0.66 | 0.58 | 0.43 |    | 0.68 | 0.60 | 0.45 |    | 0.69 | 0.61 | 0.46 |    | 0.70  | 0.62 | 0.48 |    | 0.74  | 0.66 | 0.52 |    |
|      | ΔT      | 19                                   | 17   | 14   |    | 18   | 17   | 14   |    | 18   | 16   | 13   |    | 17   | 16   | 13   |    | 16    | 15   | 12   |    | 17    | 15   | 13   |    |
|      | kW      | 1.92                                 | 1.92 | 1.91 |    | 2.19 | 2.19 | 2.19 |    | 2.50 | 2.50 | 2.50 |    | 2.85 | 2.84 | 2.84 |    | 3.23  | 3.23 | 3.23 |    | 3.69  | 3.69 | 3.69 |    |
|      | Amps    | 7.6                                  | 7.6  | 7.5  |    | 8.7  | 8.7  | 8.7  |    | 9.9  | 9.9  | 9.9  |    | 11.3 | 11.3 | 11.3 |    | 12.8  | 12.8 | 12.8 |    | 14.7  | 14.7 | 14.7 |    |
| 1450 | Hi PR   | 241                                  | 242  | 244  |    | 283  | 284  | 285  |    | 327  | 328  | 330  |    | 375  | 376  | 378  |    | 428   | 429  | 431  |    | 485   | 486  | 488  |    |
|      | Lo PR   | 128                                  | 132  | 139  |    | 132  | 136  | 143  |    | 135  | 139  | 146  |    | 136  | 140  | 147  |    | 137   | 140  | 147  |    | 138   | 142  | 149  |    |
|      | MBh     | 37.4                                 | 37.9 | 39.0 |    | 36.3 | 36.8 | 37.9 |    | 34.7 | 35.2 | 36.2 |    | 32.4 | 32.9 | 33.9 |    | 29.9  | 30.4 | 31.4 |    | 27.6  | 28.1 | 29.1 |    |
|      | S/T     | 0.75                                 | 0.67 | 0.51 |    | 0.75 | 0.66 | 0.51 |    | 0.76 | 0.68 | 0.53 |    | 0.77 | 0.69 | 0.54 |    | 0.78  | 0.70 | 0.56 |    | 0.82  | 0.74 | 0.60 |    |
|      | ΔT      | 18                                   | 16   | 13   |    | 17   | 15   | 12   |    | 17   | 15   | 12   |    | 16   | 14   | 12   |    | 15    | 14   | 11   |    | 16    | 14   | 11   |    |
|      | kW      | 1.93                                 | 1.93 | 1.93 |    | 2.21 | 2.21 | 2.20 |    | 2.52 | 2.52 | 2.51 |    | 2.86 | 2.86 | 2.86 |    | 3.25  | 3.25 | 3.24 |    | 3.71  | 3.71 | 3.70 |    |
| 1670 | Amps    | 7.6                                  | 7.6  | 7.6  |    | 8.7  | 8.7  | 8.7  |    | 10.0 | 10.0 | 10.0 |    | 11.4 | 11.4 | 11.3 |    | 12.9  | 12.9 | 12.9 |    | 14.8  | 14.7 | 14.7 |    |
|      | Hi PR   | 244                                  | 245  | 246  |    | 285  | 286  | 288  |    | 329  | 330  | 332  |    | 378  | 379  | 381  |    | 431   | 432  | 433  |    | 488   | 489  | 491  |    |
|      | Lo PR   | 130                                  | 134  | 142  |    | 134  | 138  | 145  |    | 137  | 141  | 148  |    | 138  | 142  | 149  |    | 139   | 142  | 150  |    | 140   | 144  | 151  |    |
|      | MBh     | 38.1                                 | 38.6 | 39.7 |    | 37.0 | 37.5 | 38.6 |    | 35.4 | 35.9 | 36.9 |    | 33.1 | 33.6 | 34.6 |    | 30.5  | 31.0 | 32.0 |    | 28.2  | 28.7 | 29.7 |    |
|      | S/T     | 0.80                                 | 0.71 | 0.56 |    | 0.79 | 0.70 | 0.55 |    | 0.80 | 0.72 | 0.57 |    | 0.81 | 0.73 | 0.58 |    | 0.82  | 0.74 | 0.60 |    | 0.86  | 0.78 | 0.64 |    |
|      | ΔT      | 17                                   | 15   | 12   |    | 16   | 14   | 11   |    | 16   | 14   | 11   |    | 15   | 14   | 11   |    | 14    | 13   | 10   |    | 15    | 13   | 11   |    |
| 1670 | kW      | 1.95                                 | 1.95 | 1.94 |    | 2.22 | 2.22 | 2.21 |    | 2.53 | 2.53 | 2.53 |    | 2.87 | 2.87 | 2.87 |    | 3.26  | 3.26 | 3.26 |    | 3.72  | 3.72 | 3.72 |    |
|      | Amps    | 7.7                                  | 7.7  | 7.7  |    | 8.8  | 8.8  | 8.8  |    | 10.0 | 10.0 | 10.0 |    | 11.4 | 11.4 | 11.4 |    | 13.0  | 13.0 | 12.9 |    | 14.8  | 14.8 | 14.8 |    |
|      | Hi PR   | 246                                  | 247  | 249  |    | 288  | 289  | 290  |    | 332  | 333  | 335  |    | 380  | 381  | 383  |    | 433   | 434  | 436  |    | 490   | 491  | 493  |    |
|      | Lo PR   | 133                                  | 137  | 144  |    | 137  | 141  | 148  |    | 139  | 143  | 150  |    | 140  | 144  | 151  |    | 141   | 145  | 152  |    | 142   | 146  | 153  |    |

| 75   | AIRFLOW | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   |
|------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      | MBh     | 36.8 | 37.3 | 38.4 | 40.1 | 35.8 | 36.3 | 37.4 | 39.0 | 34.1 | 34.6 | 35.7 | 37.3 | 31.9 | 32.4 | 33.4 | 35.0 | 29.4 | 29.9 | 30.9 | 32.4 | 27.1 | 27.6 | 28.6 | 30.1 |
|      | S/T     | 0.81 | 0.73 | 0.57 | 0.41 | 0.81 | 0.72 | 0.57 | 0.41 | 1.02 | 0.74 | 0.59 | 0.43 | 1.00 | 0.75 | 0.60 | 0.45 | 0.98 | 0.76 | 0.61 | 0.46 | 0.96 | 0.80 | 0.66 | 0.51 |
|      | ΔT      | 23   | 21   | 18   | 14   | 22   | 20   | 17   | 14   | 22   | 20   | 17   | 14   | 21   | 19   | 16   | 13   | 20   | 18   | 15   | 12   | 20   | 19   | 16   | 13   |
|      | kW      | 1.92 | 1.92 | 1.91 | 1.93 | 2.19 | 2.19 | 2.19 | 2.20 | 2.50 | 2.50 | 2.50 | 2.51 | 2.84 | 2.84 | 2.84 | 2.86 | 3.23 | 3.23 | 3.23 | 3.25 | 3.69 | 3.69 | 3.69 | 3.71 |
|      | Amps    | 7.6  | 7.6  | 7.5  | 7.6  | 8.7  | 8.7  | 8.7  | 8.7  | 9.9  | 9.9  | 9.9  | 10.0 | 11.3 | 11.3 | 11.3 | 11.3 | 12.8 | 12.8 | 12.8 | 12.9 | 14.7 | 14.7 | 14.7 | 14.7 |
| 1450 | Hi PR   | 241  | 243  | 244  | 248  | 283  | 284  | 286  | 290  | 327  | 328  | 330  | 334  | 375  | 376  | 378  | 383  | 428  | 429  | 431  | 435  | 485  | 486  | 488  | 493  |
|      | Lo PR   | 128  | 132  | 139  | 151  | 132  | 136  | 143  | 155  | 135  | 139  | 146  | 157  | 136  | 140  | 147  | 158  | 137  | 140  | 147  | 158  | 138  | 142  | 149  | 160  |
|      | MBh     | 37.4 | 37.9 | 39.0 | 40.7 | 36.3 | 36.8 | 37.9 | 39.6 | 34.7 | 35.2 | 36.3 | 37.9 | 32.4 | 32.9 | 33.9 | 35.6 | 29.9 | 30.4 | 31.4 | 33.0 | 27.6 | 28.1 | 29.1 | 30.6 |
|      | S/T     | 0.90 | 0.81 | 0.66 | 0.50 | 1.03 | 0.81 | 0.66 | 0.50 | 1.02 | 0.82 | 0.67 | 0.52 | 1.00 | 0.83 | 0.68 | 0.53 | 0.98 | 0.84 | 0.69 | 0.54 | 0.96 | 0.87 | 0.73 | 0.59 |
|      | ΔT      | 22   | 20   | 17   | 13   | 21   | 19   | 16   | 13   | 20   | 19   | 16   | 13   | 20   | 18   | 15   | 12   | 19   | 17   | 14   | 11   | 19   | 17   | 15   | 12   |
|      | kW      | 1.93 | 1.93 | 1.93 | 1.95 | 2.21 | 2.21 | 2.20 | 2.22 | 2.52 | 2.52 | 2.51 | 2.53 | 2.86 | 2.86 | 2.85 | 2.87 | 3.25 | 3.25 | 3.24 | 3.26 | 3.71 | 3.71 | 3.70 | 3.72 |
| 1670 | Amps    | 7.6  | 7.6  | 7.6  | 7.7  | 8.7  | 8.7  | 8.7  | 8.8  | 10.0 | 10.0 | 10.0 | 10.0 | 11.4 | 11.3 | 11.3 | 11.4 | 12.9 | 12.9 | 12.9 | 13.0 | 14.7 | 14.7 | 14.7 | 14.8 |
|      | Hi PR   | 244  | 245  | 247  | 251  | 285  | 286  | 288  | 292  | 330  | 331  | 332  | 337  | 378  | 379  | 381  | 385  | 431  | 432  | 434  | 438  | 488  | 489  | 491  | 495  |
|      | Lo PR   | 130  | 134  | 142  | 153  | 134  | 138  | 146  | 157  | 137  | 141  | 148  | 159  | 138  | 142  | 149  | 160  | 139  | 142  | 150  | 161  | 140  | 144  | 151  | 162  |
|      | MBh     | 38.1 | 38.6 | 39.7 | 41.4 | 37.0 | 37.5 | 38.6 | 40.3 | 35.4 | 35.9 | 36.9 | 38.6 | 33.1 | 33.6 | 34.6 | 36.2 | 30.6 | 31.0 | 32.1 | 33.6 | 28.3 | 28.7 | 29.7 | 31.2 |
|      | S/T     | 0.94 | 0.86 | 0.70 | 0.54 | 1.03 | 0.85 | 0.70 | 0.54 | 1.02 | 0.86 | 0.71 | 0.56 | 1.00 | 0.87 | 0.72 | 0.57 | 0.98 | 0.88 | 0.73 | 0.58 | 0.96 | 0.91 | 0.77 | 0.62 |
|      | ΔT      | 20   | 19   | 16   | 12   | 20   | 18   | 15   | 12   | 19   | 18   | 15   | 12   | 19   | 17   | 14   | 11   | 18   | 16   | 13   | 10   | 18   | 17   | 14   | 11   |
| 1670 | kW      | 1.95 | 1.94 | 1.94 | 1.96 | 2.22 | 2.22 | 2.21 | 2.23 | 2.53 | 2.53 | 2.52 | 2.54 | 2.87 | 2.87 | 2.87 | 2.89 | 3.26 | 3.26 | 3.26 | 3.27 | 3.72 | 3.72 | 3.72 | 3.74 |
|      | Amps    | 7.7  | 7.7  | 7.7  | 7.7  | 8.8  | 8.8  | 8.8  | 8.8  | 10.0 | 10.0 | 10.0 | 10.1 | 11.4 | 11.4 | 11.4 | 11.5 | 13.0 | 12.9 | 12.9 | 13.0 | 14.8 | 14.8 | 14.8 | 14.9 |
|      | Hi PR   | 246  | 247  | 249  | 253  | 288  | 289  | 291  | 295  | 332  | 333  | 335  | 339  | 380  | 381  | 383  | 388  | 433  | 434  | 436  | 441  | 491  | 492  | 493  | 498  |
|      | Lo PR   | 133  | 137  | 144  | 156  | 137  | 141  | 148  | 160  | 139  | 143  | 150  | 162  | 140  | 144  | 151  | 163  | 141  | 145  | 152  | 163  | 142  | 146  | 153  | 164  |

IDB\*: Entering Indoor Dry Bulb Temperature

High and low pressures are measured at the liquid and suction service valves.

Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is ACCA (TVA) conditions

kW = Total system power

Amps = outdoor unit amps

EXPANDED COOLING DATA — GZV9SA361CA\* / CAHEA3630\*3A\*, MBVK16CH\*X00A\* (CONT.)

| IDB*                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         | OUTDOOR AMBIENT TEMPERATURE          |      |      |      |      |      |      |      |      |      |      |      | 105°F |      |      |      |      |      |      |      |      |      |      |      | 115°F |      |      |      |      |      |       |      |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|-------|------|--|--|--|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         | 65°F                                 |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F  |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |      |      |      |      |      | 115°F |      |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |       |      |  |  |  |  |
| 1230                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | AIRFLOW | 59                                   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59   | 63   | 67    | 71   |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MBh     | 37.0                                 | 37.5 | 38.6 | 40.3 | 36.0 | 36.5 | 37.6 | 39.2 | 34.3 | 34.8 | 35.9 | 37.5 | 32.1  | 32.6 | 33.6 | 35.2 | 29.6 | 30.0 | 31.1 | 32.6 | 27.3 | 27.7 | 28.7 | 30.3 | 0.96  | 0.93 | 0.79 | 0.64 | 0.96 | 0.93 | 0.79  | 0.64 |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | S/T     | 1.00                                 | 0.87 | 0.72 | 0.55 | 1.00 | 0.86 | 0.71 | 0.55 | 1.00 | 0.87 | 0.73 | 0.57 | 1.00  | 0.88 | 0.73 | 0.58 | 0.98 | 0.89 | 0.75 | 0.59 | 0.96 | 0.93 | 0.79 | 0.64 | 0.96  | 0.93 | 0.79 | 0.64 | 0.96 | 0.93 | 0.79  | 0.64 |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ΔT      | 27                                   | 25   | 22   | 18   | 26   | 24   | 21   | 18   | 25   | 24   | 21   | 17   | 24    | 23   | 20   | 17   | 23   | 22   | 19   | 16   | 23   | 22   | 19   | 16   | 23    | 22   | 19   | 16   | 23   | 22   | 19    | 16   |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | kW      | 1.92                                 | 1.92 | 1.91 | 1.93 | 2.19 | 2.19 | 2.19 | 2.21 | 2.50 | 2.50 | 2.50 | 2.52 | 2.85  | 2.84 | 2.84 | 2.86 | 3.23 | 3.23 | 3.23 | 3.23 | 3.25 | 3.69 | 3.69 | 3.69 | 3.71  | 3.69 | 3.69 | 3.69 | 3.71 | 3.69 | 3.69  | 3.71 |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Amps    | 7.6                                  | 7.6  | 7.5  | 7.6  | 8.7  | 8.7  | 8.7  | 8.7  | 9.9  | 9.9  | 9.9  | 10.0 | 11.3  | 11.3 | 11.3 | 11.3 | 12.8 | 12.8 | 12.8 | 12.8 | 12.9 | 14.7 | 14.7 | 14.7 | 14.7  | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7  | 14.7 |  |  |  |  |
| 1450 <td>Hi PR</td> <td>242</td> <td>243</td> <td>245</td> <td>249</td> <td>283</td> <td>284</td> <td>286</td> <td>290</td> <td>328</td> <td>329</td> <td>330</td> <td>335</td> <td>376</td> <td>377</td> <td>379</td> <td>383</td> <td>429</td> <td>430</td> <td>431</td> <td>436</td> <td>486</td> <td>487</td> <td>489</td> <td>493</td> <td>486</td> <td>487</td> <td>489</td> <td>493</td> <td>486</td> <td>487</td> <td>489</td> <td>493</td>                        | Hi PR   | 242                                  | 243  | 245  | 249  | 283  | 284  | 286  | 290  | 328  | 329  | 330  | 335  | 376   | 377  | 379  | 383  | 429  | 430  | 431  | 436  | 486  | 487  | 489  | 493  | 486   | 487  | 489  | 493  | 486  | 487  | 489   | 493  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Lo PR   | 129                                  | 133  | 140  | 151  | 133  | 137  | 144  | 155  | 135  | 139  | 146  | 158  | 136   | 140  | 147  | 159  | 137  | 141  | 148  | 159  | 139  | 143  | 150  | 160  | 139   | 143  | 150  | 160  | 139  | 143  | 150   | 160  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MBh     | 37.6                                 | 38.1 | 39.2 | 40.9 | 36.5 | 37.0 | 38.1 | 39.8 | 34.9 | 35.4 | 36.4 | 38.1 | 32.6  | 33.1 | 34.2 | 35.7 | 30.1 | 30.6 | 31.6 | 33.1 | 27.8 | 28.3 | 29.2 | 30.8 | 0.96  | 0.96 | 0.86 | 0.72 | 0.96 | 0.96 | 0.86  | 0.72 |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | S/T     | 1.00                                 | 0.95 | 0.80 | 0.64 | 1.03 | 0.95 | 0.79 | 0.64 | 1.02 | 0.96 | 0.81 | 0.65 | 1.00  | 0.96 | 0.82 | 0.66 | 0.98 | 0.97 | 0.83 | 0.67 | 0.96 | 0.96 | 0.86 | 0.72 | 0.96  | 0.96 | 0.86 | 0.72 | 0.96 | 0.96 | 0.86  | 0.72 |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ΔT      | 25                                   | 24   | 20   | 17   | 25   | 23   | 20   | 16   | 24   | 22   | 19   | 16   | 23    | 21   | 18   | 15   | 22   | 21   | 18   | 15   | 22   | 21   | 18   | 15   | 22    | 21   | 18   | 15   | 22   | 21   | 18    | 15   |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | kW      | 1.93                                 | 1.93 | 1.93 | 1.95 | 2.21 | 2.21 | 2.20 | 2.22 | 2.52 | 2.52 | 2.51 | 2.53 | 2.85  | 2.85 | 2.85 | 2.87 | 3.25 | 3.25 | 3.25 | 3.24 | 3.26 | 3.71 | 3.71 | 3.70 | 3.72  | 3.71 | 3.71 | 3.70 | 3.72 | 3.71 | 3.70  | 3.72 |  |  |  |  |
| 1670 <td>Amps</td> <td>7.6</td> <td>7.6</td> <td>7.6</td> <td>7.7</td> <td>8.7</td> <td>8.7</td> <td>8.7</td> <td>8.8</td> <td>10.0</td> <td>10.0</td> <td>10.0</td> <td>10.0</td> <td>11.4</td> <td>11.3</td> <td>11.3</td> <td>11.4</td> <td>12.9</td> <td>12.9</td> <td>12.9</td> <td>13.0</td> <td>14.8</td> <td>14.7</td> <td>14.7</td> <td>14.8</td> <td>14.8</td> <td>14.8</td> <td>14.7</td> <td>14.7</td> <td>14.8</td> <td>14.7</td> <td>14.8</td> <td>14.8</td> | Amps    | 7.6                                  | 7.6  | 7.6  | 7.7  | 8.7  | 8.7  | 8.7  | 8.8  | 10.0 | 10.0 | 10.0 | 10.0 | 11.4  | 11.3 | 11.3 | 11.4 | 12.9 | 12.9 | 12.9 | 13.0 | 14.8 | 14.7 | 14.7 | 14.8 | 14.8  | 14.8 | 14.7 | 14.7 | 14.8 | 14.7 | 14.8  | 14.8 |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Hi PR   | 244                                  | 245  | 247  | 251  | 286  | 287  | 289  | 293  | 330  | 331  | 333  | 337  | 378   | 379  | 381  | 386  | 431  | 432  | 434  | 439  | 488  | 490  | 491  | 496  | 488   | 490  | 491  | 496  | 488  | 490  | 491   | 496  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Lo PR   | 131                                  | 135  | 142  | 154  | 135  | 139  | 146  | 158  | 137  | 141  | 149  | 160  | 138   | 142  | 150  | 161  | 139  | 143  | 150  | 161  | 141  | 145  | 152  | 163  | 141   | 145  | 152  | 163  | 141  | 145  | 152   | 163  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MBh     | 38.3                                 | 38.8 | 39.9 | 41.6 | 37.2 | 37.7 | 38.8 | 40.5 | 35.6 | 36.1 | 37.1 | 38.7 | 33.3  | 33.8 | 34.8 | 36.4 | 30.7 | 31.2 | 32.2 | 33.8 | 28.4 | 28.9 | 29.9 | 31.4 | 0.96  | 0.96 | 0.90 | 0.75 | 0.96 | 0.96 | 0.90  | 0.75 |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | S/T     | 1.00                                 | 1.00 | 0.84 | 0.68 | 1.00 | 0.99 | 0.84 | 0.68 | 1.02 | 1.00 | 0.85 | 0.69 | 1.00  | 1.00 | 0.86 | 0.70 | 0.98 | 0.98 | 0.87 | 0.71 | 0.96 | 0.96 | 0.90 | 0.75 | 0.96  | 0.96 | 0.90 | 0.75 | 0.96 | 0.96 | 0.90  | 0.75 |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ΔT      | 24                                   | 23   | 19   | 16   | 24   | 22   | 19   | 15   | 23   | 21   | 18   | 15   | 22    | 20   | 18   | 14   | 21   | 20   | 17   | 14   | 21   | 20   | 17   | 14   | 21    | 20   | 17   | 14   | 21   | 20   | 17    | 14   |  |  |  |  |

| 1230 | MBh   | 37.6 | 38.1 | 39.2 | 40.9 | 36.6 | 37.1 | 38.2 | 39.8 | 34.9 | 35.4 | 36.5 | 38.1 | 32.7 | 33.2 | 34.2 | 35.8 | 30.1 | 30.6 | 31.6 | 33.2 | 27.8 | 28.3 | 29.3 | 30.8 | 0.96 | 0.96 | 0.89 | 0.74 | 0.96 | 0.96 | 0.89 | 0.74 |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      | S/T   | 1.00 | 0.98 | 0.83 | 0.67 | 1.00 | 1.00 | 0.82 | 0.66 | 1.00 | 1.00 | 0.84 | 0.68 | 1.00 | 1.00 | 0.84 | 0.69 | 0.98 | 0.98 | 0.85 | 0.70 | 0.96 | 0.96 | 0.89 | 0.74 | 0.96 | 0.96 | 0.89 | 0.74 | 0.96 | 0.96 | 0.89 | 0.74 |
|      | ΔT    | 30   | 28   | 25   | 22   | 29   | 27   | 24   | 21   | 28   | 27   | 24   | 21   | 27   | 26   | 23   | 20   | 26   | 25   | 22   | 19   | 26   | 25   | 22   | 19   | 26   | 25   | 22   | 19   | 26   | 25   | 22   | 19   |
|      | kW    | 1.92 | 1.92 | 1.92 | 1.94 | 2.20 | 2.20 | 2.19 | 2.21 | 2.51 | 2.51 | 2.50 | 2.52 | 2.85 | 2.85 | 2.84 | 2.86 | 3.24 | 3.24 | 3.23 | 3.25 | 3.70 | 3.70 | 3.69 | 3.71 | 3.70 | 3.70 | 3.69 | 3.71 | 3.70 | 3.70 | 3.69 | 3.71 |
|      | Amps  | 7.6  | 7.6  | 7.6  | 7.6  | 8.7  | 8.7  | 8.7  | 8.8  | 9.9  | 9.9  | 9.9  | 10.0 | 11.3 | 11.3 | 11.3 | 11.4 | 12.9 | 12.9 | 12.9 | 12.9 | 14.7 | 14.7 | 14.7 | 14.8 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.8 |
|      | Hi PR | 243  | 244  | 246  | 250  | 284  | 286  | 287  | 292  | 329  | 330  | 331  | 336  | 377  | 378  | 380  | 384  | 430  | 431  | 433  | 437  | 487  | 488  | 490  | 494  | 487  | 488  | 490  | 494  | 487  | 488  | 490  | 494  |
| 85   | Lo PR | 131  | 135  | 142  | 153  | 135  | 138  | 146  | 157  | 137  | 141  | 148  | 160  | 138  | 142  | 149  | 160  | 139  | 143  | 150  | 161  | 140  | 144  | 151  | 162  | 140  | 144  | 151  | 162  | 140  | 144  | 151  | 162  |
|      | MBh   | 38.2 | 38.7 | 39.8 | 41.5 | 37.1 | 37.6 | 38.7 | 40.4 | 35.5 | 36.0 | 37.0 | 38.7 | 33.2 | 33.7 | 34.7 | 36.3 | 30.7 | 31.1 | 32.2 | 33.7 | 28.3 | 28.8 | 29.8 | 31.3 | 0.96 | 0.96 | 0.96 | 0.82 | 0.96 | 0.96 | 0.96 | 0.82 |
|      | S/T   | 1.00 | 1.05 | 0.92 | 0.75 | 1.00 | 1.03 | 0.91 | 0.75 | 1.02 | 1.02 | 0.92 | 0.76 | 1.00 | 1.00 | 0.92 | 0.77 | 0.98 | 0.98 | 0.93 | 0.78 | 0.96 | 0.96 | 0.96 | 0.82 | 0.96 | 0.96 | 0.96 | 0.82 | 0.96 | 0.96 | 0.96 | 0.82 |
|      | ΔT    | 29   | 27   | 24   | 20   | 28   | 26   | 23   | 20   | 27   | 26   | 23   | 19   | 26   | 25   | 22   | 19   | 25   | 24   | 21   | 18   | 25   | 24   | 21   | 18   | 25   | 24   | 21   | 18   | 25   | 24   | 21   | 18   |
|      | kW    | 1.94 | 1.94 | 1.93 | 1.95 | 2.21 | 2.21 | 2.21 | 2.23 | 2.52 | 2.52 | 2.52 | 2.54 | 2.87 | 2.86 | 2.86 | 2.88 | 3.26 | 3.25 | 3.25 | 3.27 | 3.72 | 3.71 | 3.71 | 3.73 | 3.72 | 3.71 | 3.71 | 3.71 | 3.71 | 3.71 | 3.71 | 3.73 |
|      | Amps  | 7.7  | 7.6  | 7.6  | 7.7  | 8.8  | 8.8  | 8.7  | 8.8  | 10.0 | 10.0 | 10.0 | 10.1 | 11.4 | 11.4 | 11.4 | 11.4 | 12.9 | 12.9 | 12.9 | 13.0 | 14.8 | 14.8 | 14.7 | 14.8 | 14.8 | 14.8 | 14.7 | 14.7 | 14.8 | 14.8 | 14.7 | 14.8 |
| 1670 | Hi PR | 246  | 247  | 248  | 252  | 287  | 288  | 290  | 294  | 331  | 332  | 334  | 338  | 380  | 381  | 382  | 387  | 432  | 434  | 435  | 440  | 490  | 491  | 493  | 497  | 490  | 491  | 493  | 497  | 490  | 491  | 493  | 497  |
|      | Lo PR | 133  | 137  | 144  | 156  | 137  | 141  | 148  | 160  | 139  | 143  | 150  | 162  | 140  | 144  | 151  | 163  | 141  | 145  | 152  | 163  | 142  | 146  | 153  | 164  | 142  | 146  | 153  | 164  | 142  | 146  | 153  | 164  |
|      | MBh   | 38.9 | 39.4 | 40.5 | 42.2 | 37.8 | 38.3 | 39.4 | 41.1 | 36.2 | 36.7 | 37.7 | 39.3 | 33.9 | 34.4 | 35.4 | 37.0 | 31.3 | 31.8 | 32.8 | 34.4 | 29.0 | 29.5 | 30.5 | 32.0 | 0.96 | 0.96 | 0.96 | 0.86 | 0.96 | 0.96 | 0.96 | 0.86 |
|      | S/T   | 1.00 | 1.05 | 0.96 | 0.80 | 1.00 | 1.00 | 0.95 | 0.79 | 1.00 | 1.00 | 0.96 | 0.80 | 1.00 | 1.00 | 0.97 | 0.81 | 0.98 | 0.98 | 0.97 | 0.82 | 0.96 | 0.96 | 0.96 | 0.86 | 0.96 | 0.96 | 0.96 | 0.86 | 0.96 | 0.96 | 0.96 | 0.86 |
|      | ΔT    | 28   | 26   | 23   | 19   | 27   | 25   | 22   | 19   | 26   | 25   | 22   | 18   | 25   | 24   | 21   | 18   | 24   | 23   | 20   | 17   | 24   | 23   | 20   | 17   | 24   | 23   | 20   | 17   | 24   | 23   | 20   | 17   |
|      | kW    | 1.95 | 1.95 | 1.95 | 1.96 | 2.23 | 2.22 | 2.22 | 2.24 | 2.54 | 2.53 | 2.53 | 2.55 | 2.88 | 2.88 | 2.87 | 2.89 | 3.27 | 3.27 | 3.26 | 3.28 | 3.73 | 3.73 | 3.72 | 3.74 | 3.73 | 3.73 | 3.72 | 3.74 | 3.73 | 3.72 | 3.74 | 3.74 |
|      | Amps  | 7.7  | 7.7  | 7.7  | 7.8  | 8.8  | 8.8  | 8.8  | 8.9  | 10.1 | 10.1 | 10.0 | 10.1 | 11.4 | 11.4 | 11.4 | 11.5 | 13.0 | 13.0 | 13.0 | 13.0 | 14.8 | 14.8 | 14.8 | 14.9 | 14.8 | 14.8 | 14.8 | 14.8 | 14.8 | 14.8 | 14.8 | 14.9 |
|      | Hi PR | 248  | 249  | 251  | 255  | 289  | 290  | 292  | 296  | 334  | 335  | 336  | 341  | 382  | 383  | 385  | 389  | 435  | 436  | 438  | 442  | 492  | 493  | 495  | 500  | 492  | 493  | 495  | 500  | 492  | 493  | 495  | 500  |
|      | Lo PR | 136  | 140  | 147  | 159  | 139  | 143  | 151  | 162  | 142  | 146  | 153  | 164  | 143  | 147  | 154  | 165  | 143  | 147  | 154  | 166  | 145  | 149  | 156  | 167  | 145  | 149  | 156  | 167  | 145  | 149  | 156  | 167  |

IDB\*: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Airflow may vary depending on actual ambient conditions and system operation modes.  
 Shaded area is AHRI conditions  
 kW = Total system power

| IDB* |         | OUTDOOR AMBIENT TEMPERATURE          |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |       |      |      |    |       |  |  |  |
|------|---------|--------------------------------------|------|------|----|------|------|------|----|------|------|------|----|------|------|------|----|-------|------|------|----|-------|--|--|--|
|      |         | 65°F                                 |      |      |    | 75°F |      |      |    | 85°F |      |      |    | 95°F |      |      |    | 105°F |      |      |    | 115°F |  |  |  |
|      |         | ENTERING INDOOR WET BULB TEMPERATURE |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |       |      |      |    |       |  |  |  |
| 70   | AIRFLOW | 59                                   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59    | 63   | 67   | 71 |       |  |  |  |
|      | MBh     | 37.2                                 | 41.8 | 47.1 |    | 45.2 | 45.8 | 47.2 |    | 44.5 | 45.2 | 46.5 |    | 42.9 | 43.6 | 45.0 |    | 42.4  | 43.1 | 43.3 |    |       |  |  |  |
|      | S/T     | 0.65                                 | 0.55 | 0.39 |    | 0.60 | 0.53 | 0.39 |    | 0.61 | 0.54 | 0.40 |    | 0.61 | 0.54 | 0.41 |    | 0.61  | 0.54 | 0.42 |    |       |  |  |  |
|      | ΔT      | 20                                   | 19   | 16   |    | 21   | 19   | 16   |    | 21   | 19   | 16   |    | 21   | 19   | 15   |    | 20    | 18   | 15   |    |       |  |  |  |
|      | kW      | 1.92                                 | 2.21 | 2.71 |    | 3.07 | 3.07 | 3.07 |    | 3.48 | 3.47 | 3.47 |    | 3.92 | 3.92 | 3.91 |    | 4.41  | 4.41 | 4.41 |    |       |  |  |  |
|      | Amps    | 8.0                                  | 9.1  | 10.4 |    | 11.9 | 11.9 | 11.9 |    | 13.6 | 13.5 | 13.5 |    | 16.1 | 16.0 | 16.0 |    | 17.6  | 17.6 | 17.3 |    |       |  |  |  |
| 1380 | Hi PR   | 249                                  | 255  | 273  |    | 316  | 317  | 319  |    | 364  | 365  | 367  |    | 417  | 418  | 420  |    | 475   | 476  | 478  |    |       |  |  |  |
|      | Lo PR   | 124                                  | 125  | 128  |    | 121  | 125  | 131  |    | 123  | 127  | 133  |    | 124  | 128  | 134  |    | 125   | 128  | 134  |    |       |  |  |  |
|      | MBh     | 40.8                                 | 44.5 | 47.8 |    | 45.9 | 46.5 | 47.9 |    | 45.2 | 45.9 | 47.3 |    | 43.6 | 44.3 | 45.7 |    | 43.2  | 43.8 | 44.0 |    |       |  |  |  |
|      | S/T     | 0.72                                 | 0.63 | 0.47 |    | 0.68 | 0.60 | 0.46 |    | 0.68 | 0.61 | 0.48 |    | 0.68 | 0.61 | 0.48 |    | 0.68  | 0.61 | 0.49 |    |       |  |  |  |
|      | ΔT      | 19                                   | 18   | 14   |    | 20   | 18   | 14   |    | 20   | 18   | 14   |    | 19   | 17   | 14   |    | 19    | 17   | 13   |    |       |  |  |  |
|      | kW      | 2.14                                 | 2.39 | 2.73 |    | 3.10 | 3.09 | 3.09 |    | 3.50 | 3.50 | 3.49 |    | 3.94 | 3.94 | 3.93 |    | 4.44  | 4.43 | 4.43 |    |       |  |  |  |
| 1590 | Amps    | 8.9                                  | 9.7  | 10.5 |    | 12.0 | 12.0 | 11.9 |    | 13.6 | 13.6 | 13.6 |    | 17.4 | 17.4 | 17.4 |    | 19.0  | 18.9 | 18.7 |    |       |  |  |  |
|      | Hi PR   | 255                                  | 260  | 276  |    | 319  | 320  | 322  |    | 367  | 368  | 370  |    | 420  | 421  | 423  |    | 477   | 479  | 481  |    |       |  |  |  |
|      | Lo PR   | 124                                  | 126  | 130  |    | 123  | 127  | 134  |    | 125  | 129  | 136  |    | 126  | 130  | 136  |    | 126   | 130  | 136  |    |       |  |  |  |
|      | MBh     | 44.7                                 | 47.3 | 48.6 |    | 46.8 | 47.4 | 48.8 |    | 46.1 | 46.8 | 48.1 |    | 44.5 | 45.2 | 46.6 |    | 44.1  | 44.8 | 44.9 |    |       |  |  |  |
|      | S/T     | 0.75                                 | 0.65 | 0.51 |    | 0.72 | 0.64 | 0.50 |    | 0.72 | 0.65 | 0.51 |    | 0.72 | 0.65 | 0.52 |    | 0.72  | 0.65 | 0.52 |    |       |  |  |  |
|      | ΔT      | 19                                   | 17   | 13   |    | 19   | 17   | 13   |    | 19   | 17   | 13   |    | 18   | 16   | 13   |    | 18    | 16   | 12   |    |       |  |  |  |
| 1590 | kW      | 2.41                                 | 2.75 | 2.75 |    | 3.11 | 3.11 | 3.10 |    | 3.52 | 3.51 | 3.51 |    | 3.96 | 3.96 | 3.95 |    | 4.45  | 4.45 | 4.45 |    |       |  |  |  |
|      | Amps    | 9.8                                  | 10.6 | 10.5 |    | 12.1 | 12.0 | 12.0 |    | 13.7 | 13.7 | 13.7 |    | 17.5 | 17.5 | 17.5 |    | 19.0  | 19.0 | 18.7 |    |       |  |  |  |
|      | Hi PR   | 261                                  | 277  | 279  |    | 321  | 322  | 324  |    | 370  | 371  | 373  |    | 423  | 424  | 426  |    | 480   | 481  | 483  |    |       |  |  |  |
|      | Lo PR   | 124                                  | 126  | 133  |    | 126  | 129  | 136  |    | 127  | 131  | 138  |    | 128  | 132  | 138  |    | 128   | 132  | 138  |    |       |  |  |  |

|       |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75    | 1170  | MBh   | 43.2 | 41.9 | 47.1 | 49.2 | 45.2 | 45.9 | 47.2 | 49.3 | 44.5 | 45.2 | 46.6 | 48.7 | 42.9 | 43.6 | 45.0 | 47.1 | 42.4 | 43.1 | 43.3 | 46.7 | 39.6 | 40.3 | 41.6 | 43.7 |
|       |       | S/T   | 0.77 | 0.69 | 0.53 | 0.38 | 0.73 | 0.66 | 0.52 | 0.37 | 0.74 | 0.66 | 0.53 | 0.39 | 0.73 | 0.66 | 0.53 | 0.40 | 0.73 | 0.66 | 0.54 | 0.40 | 0.75 | 0.75 | 0.04 | 0.50 |
|       |       | ΔT    | 26   | 23   | 20   | 16   | 26   | 24   | 20   | 16   | 25   | 23   | 20   | 16   | 25   | 23   | 19   | 16   | 24   | 22   | 19   | 15   | 24   | 23   | 19   | 16   |
|       |       | kW    | 2.37 | 2.21 | 2.70 | 2.73 | 3.07 | 3.07 | 3.06 | 3.09 | 3.48 | 3.47 | 3.47 | 3.49 | 3.92 | 3.91 | 3.91 | 3.93 | 4.41 | 4.41 | 4.40 | 4.43 | 4.44 | 4.44 | 4.44 | 4.46 |
|       |       | Amps  | 9.7  | 9.1  | 10.4 | 10.5 | 11.9 | 11.9 | 11.8 | 12.0 | 13.5 | 13.5 | 13.5 | 13.6 | 16.0 | 16.0 | 16.0 | 17.4 | 17.6 | 17.5 | 17.3 | 18.9 | 18.5 | 18.6 | 18.5 | 18.7 |
|       |       | Hi PR | 257  | 255  | 273  | 278  | 316  | 317  | 319  | 324  | 364  | 366  | 368  | 372  | 417  | 418  | 420  | 425  | 475  | 476  | 478  | 483  | 509  | 511  | 512  | 517  |
|       | Lo PR | 120   | 125  | 128  | 139  | 121  | 125  | 131  | 142  | 123  | 127  | 134  | 144  | 124  | 128  | 134  | 144  | 125  | 128  | 134  | 144  | 128  | 131  | 138  | 148  |      |
|       | 1380  | MBh   | 40.8 | 44.5 | 47.8 | 49.9 | 45.9 | 46.6 | 47.9 | 50.0 | 45.2 | 45.9 | 47.3 | 49.4 | 43.6 | 44.3 | 45.7 | 47.8 | 43.2 | 43.9 | 44.0 | 47.4 | 40.4 | 41.0 | 42.4 | 44.5 |
|       |       | S/T   | 0.86 | 0.76 | 0.61 | 0.46 | 0.81 | 0.73 | 0.59 | 0.45 | 0.81 | 0.74 | 0.60 | 0.46 | 0.81 | 0.73 | 0.60 | 0.47 | 0.80 | 0.73 | 0.61 | 0.47 | 0.81 | 0.79 | 0.70 | 0.57 |
|       |       | ΔT    | 24   | 22   | 19   | 15   | 24   | 22   | 18   | 15   | 24   | 22   | 18   | 15   | 23   | 21   | 18   | 14   | 23   | 21   | 17   | 14   | 23   | 21   | 18   | 15   |
| kW    |       | 2.14  | 2.39 | 2.73 | 2.75 | 3.09 | 3.09 | 3.08 | 3.11 | 3.50 | 3.49 | 3.49 | 3.51 | 3.94 | 3.94 | 3.93 | 3.96 | 4.43 | 4.43 | 4.43 | 4.45 | 4.46 | 4.46 | 4.46 | 4.48 |      |
| Amps  |       | 8.9   | 9.7  | 10.5 | 10.6 | 12.0 | 12.0 | 11.9 | 12.0 | 13.6 | 13.6 | 13.6 | 13.7 | 17.4 | 17.4 | 17.4 | 17.5 | 18.9 | 18.9 | 18.6 | 19.0 | 18.6 | 18.6 | 18.5 | 18.7 |      |
| Hi PR |       | 256   | 260  | 276  | 281  | 319  | 320  | 322  | 327  | 367  | 368  | 370  | 375  | 420  | 421  | 423  | 428  | 478  | 479  | 481  | 486  | 512  | 513  | 515  | 520  |      |
| 1590  | Lo PR | 124   | 126  | 130  | 141  | 123  | 127  | 134  | 144  | 125  | 129  | 136  | 146  | 126  | 130  | 136  | 146  | 126  | 130  | 136  | 146  | 130  | 133  | 140  | 150  |      |
|       | MBh   | 44.7  | 47.3 | 48.7 | 50.7 | 46.8 | 47.5 | 48.8 | 50.9 | 46.1 | 46.8 | 48.2 | 50.3 | 44.6 | 45.2 | 46.6 | 48.7 | 44.1 | 44.8 | 45.0 | 48.4 | 41.3 | 42.0 | 43.3 | 45.4 |      |
|       | S/T   | 0.89  | 0.78 | 0.64 | 0.50 | 0.85 | 0.77 | 0.63 | 0.49 | 0.85 | 0.77 | 0.64 | 0.50 | 0.84 | 0.77 | 0.64 | 0.50 | 0.84 | 0.77 | 0.64 | 0.51 | 0.85 | 0.85 | 0.81 | 0.53 |      |
|       | ΔT    | 23    | 21   | 18   | 14   | 23   | 21   | 17   | 14   | 23   | 21   | 17   | 14   | 22   | 20   | 17   | 13   | 22   | 20   | 16   | 13   | 22   | 20   | 17   | 13   |      |
|       | kW    | 2.40  | 2.75 | 2.74 | 2.77 | 3.11 | 3.11 | 3.10 | 3.13 | 3.51 | 3.51 | 3.51 | 3.53 | 3.96 | 3.95 | 3.95 | 3.97 | 4.45 | 4.45 | 4.44 | 4.47 | 4.48 | 4.48 | 4.47 | 4.50 |      |
|       | Amps  | 9.8   | 10.6 | 10.5 | 10.6 | 12.0 | 12.0 | 12.0 | 12.1 | 13.7 | 13.7 | 13.7 | 13.8 | 17.5 | 17.7 | 17.5 | 17.6 | 19.0 | 19.0 | 18.7 | 19.1 | 18.7 | 18.6 | 18.6 | 18.7 |      |
|       | Hi PR | 262   | 277  | 279  | 284  | 321  | 323  | 325  | 329  | 370  | 371  | 373  | 378  | 423  | 424  | 426  | 431  | 480  | 482  | 484  | 489  | 515  | 516  | 518  | 523  |      |
|       | Lo PR | 125   | 126  | 133  | 143  | 126  | 129  | 136  | 147  | 128  | 131  | 138  | 148  | 128  | 132  | 138  | 149  | 128  | 132  | 139  | 149  | 132  | 135  | 142  | 152  |      |

IDB\*: Entering Indoor Dry Bulb Temperature

High and low pressures are measured at the liquid and suction service valves.

Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is ACCA (TVA) conditions

kW = Total system power

Amps = outdoor unit amps

|             |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |             |      |       |      |      |      |       |      |      |      |
|-------------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------|------|-------|------|------|------|-------|------|------|------|
|             |         | 65°F                        |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F |      |             |      | 105°F |      |      |      | 115°F |      |      |      |
| IDB*        | AIRFLOW | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67          | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71   |
| <b>1170</b> | MBh     | 38.3                        | 44.1 | 47.3 | 49.4 | 45.5 | 46.1 | 47.5 | 49.6 | 44.8 | 45.4 | 46.8 | 48.9 | 43.2 | 43.8 | 45.2        | 47.4 | 42.7  | 43.3 | 43.6 | 46.9 | 39.9  | 40.5 | 41.9 | 44.0 |
|             | S/T     | 1.09                        | 0.82 | 0.66 | 0.51 | 0.86 | 0.78 | 0.65 | 0.50 | 1.03 | 0.78 | 0.65 | 0.51 | 1.00 | 0.78 | 0.65        | 0.52 | 0.97  | 0.78 | 0.65 | 0.52 | 0.91  | 0.79 | 0.67 | 0.54 |
|             | ΔT      | 29                          | 28   | 25   | 21   | 30   | 28   | 24   | 20   | 30   | 28   | 24   | 20   | 29   | 27   | 23          | 20   | 28    | 26   | 23   | 19   | 28    | 27   | 23   | 20   |
|             | kW      | 1.98                        | 2.37 | 2.71 | 2.73 | 3.07 | 3.07 | 3.07 | 3.09 | 3.48 | 3.47 | 3.47 | 3.49 | 3.92 | 3.92 | 3.91        | 3.94 | 4.05  | 4.04 | 4.28 | 4.06 | 4.24  | 4.23 | 4.65 | 4.25 |
|             | Amps    | 8.2                         | 9.7  | 10.4 | 10.5 | 11.9 | 11.9 | 11.9 | 12.0 | 13.6 | 13.5 | 13.5 | 13.6 | 16.1 | 16.0 | 16.0        | 16.1 | 17.6  | 17.6 | 17.3 | 17.6 | 18.6  | 18.6 | 18.6 | 18.7 |
|             | Hi PR   | 251                         | 258  | 274  | 279  | 316  | 318  | 320  | 324  | 365  | 366  | 368  | 373  | 418  | 419  | 421         | 426  | 475   | 476  | 478  | 483  | 510   | 511  | 513  | 518  |
| <b>80</b>   | Lo PR   | 124                         | 124  | 129  | 139  | 122  | 125  | 132  | 142  | 124  | 127  | 134  | 144  | 125  | 128  | 135         | 145  | 125   | 129  | 135  | 145  | 128   | 132  | 138  | 148  |
|             | MBh     | 42.1                        | 44.7 | 48.0 | 50.1 | 46.2 | 46.8 | 48.2 | 50.3 | 45.5 | 46.1 | 47.5 | 49.6 | 43.9 | 44.6 | <b>46.0</b> | 48.1 | 43.4  | 44.1 | 44.3 | 47.7 | 40.6  | 41.3 | 42.6 | 44.7 |
|             | S/T     | 1.09                        | 0.90 | 0.74 | 0.59 | 1.06 | 0.86 | 0.72 | 0.58 | 1.03 | 0.86 | 0.73 | 0.59 | 1.00 | 0.85 | <b>0.72</b> | 0.59 | 0.97  | 0.85 | 0.72 | 0.59 | 0.91  | 0.86 | 0.74 | 0.61 |
|             | ΔT      | 28                          | 27   | 23   | 19   | 28   | 26   | 23   | 19   | 28   | 26   | 23   | 19   | 27   | 26   | <b>22</b>   | 18   | 27    | 25   | 21   | 18   | 27    | 25   | 22   | 19   |
|             | kW      | 2.23                        | 2.39 | 2.73 | 2.75 | 3.10 | 3.09 | 3.09 | 3.11 | 3.50 | 3.50 | 3.49 | 3.52 | 3.94 | 3.94 | <b>3.93</b> | 3.96 | 4.07  | 4.06 | 4.30 | 4.09 | 4.25  | 4.25 | 4.67 | 4.27 |
|             | Amps    | 9.2                         | 9.7  | 10.5 | 10.6 | 12.0 | 12.0 | 11.9 | 12.1 | 13.6 | 13.6 | 13.6 | 13.7 | 16.1 | 16.0 | <b>16.0</b> | 16.1 | 17.6  | 17.6 | 17.3 | 17.6 | 18.6  | 18.6 | 18.6 | 18.7 |
| <b>1590</b> | Hi PR   | 257                         | 261  | 277  | 281  | 319  | 320  | 322  | 327  | 368  | 369  | 371  | 376  | 421  | 422  | <b>424</b>  | 429  | 478   | 479  | 481  | 486  | 513   | 514  | 516  | 520  |
|             | Lo PR   | 124                         | 126  | 131  | 141  | 124  | 127  | 134  | 145  | 126  | 129  | 136  | 146  | 127  | 130  | <b>137</b>  | 147  | 127   | 130  | 137  | 147  | 130   | 134  | 140  | 150  |
|             | MBh     | 42.9                        | 45.6 | 48.9 | 51.0 | 47.0 | 47.7 | 49.1 | 51.1 | 46.4 | 47.0 | 48.4 | 50.5 | 44.8 | 45.5 | 46.9        | 49.0 | 44.4  | 45.1 | 45.2 | 48.6 | 41.6  | 42.2 | 43.6 | 45.7 |
|             | S/T     | 1.09                        | 0.94 | 0.77 | 0.63 | 1.06 | 0.90 | 0.76 | 0.62 | 1.03 | 0.90 | 0.76 | 0.62 | 1.00 | 0.89 | 0.76        | 0.62 | 0.97  | 0.88 | 0.76 | 0.63 | 0.91  | 0.89 | 0.77 | 0.64 |
|             | ΔT      | 27                          | 25   | 22   | 18   | 27   | 25   | 22   | 18   | 27   | 25   | 22   | 18   | 26   | 24   | 21          | 17   | 26    | 24   | 20   | 17   | 26    | 24   | 21   | 17   |
|             | kW      | 2.25                        | 2.40 | 2.74 | 2.77 | 3.11 | 3.11 | 3.10 | 3.13 | 3.52 | 3.51 | 3.51 | 3.53 | 3.96 | 3.96 | 3.95        | 3.98 | 4.08  | 4.45 | 4.45 | 4.47 | 4.27  | 4.48 | 4.47 | 4.50 |
| <b>1590</b> | Amps    | 9.2                         | 9.8  | 10.5 | 10.6 | 12.1 | 12.0 | 12.0 | 12.1 | 13.7 | 13.7 | 13.7 | 13.8 | 17.5 | 17.5 | 17.5        | 17.6 | 19.0  | 19.0 | 18.7 | 19.1 | 18.7  | 18.6 | 18.6 | 18.7 |
|             | Hi PR   | 260                         | 263  | 279  | 284  | 322  | 323  | 325  | 330  | 370  | 372  | 374  | 378  | 423  | 425  | 426         | 431  | 481   | 482  | 484  | 489  | 515   | 516  | 518  | 523  |
|             | Lo PR   | 127                         | 129  | 133  | 144  | 126  | 130  | 136  | 147  | 128  | 132  | 138  | 149  | 129  | 132  | 139         | 149  | 129   | 132  | 139  | 149  | 132   | 136  | 142  | 153  |

|             |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| <b>1170</b> | MBh   | 42.2 | 44.8 | 48.1 | 50.2 | 46.2 | 46.9 | 48.2 | 50.3 | 45.5 | 46.2 | 47.6 | 49.7 | 44.0 | 44.6 | 46.0 | 48.1 | 43.5 | 44.1 | 44.3 | 47.7 | 40.6 | 41.2 | 42.6 | 44.7 |
|             | S/T   | 1.09 | 0.93 | 0.76 | 0.61 | 1.06 | 0.88 | 0.75 | 0.60 | 1.03 | 0.88 | 0.75 | 0.61 | 1.00 | 0.88 | 0.75 | 0.61 | 0.97 | 0.87 | 0.75 | 0.61 | 0.91 | 0.91 | 0.86 | 0.73 |
|             | ΔT    | 33   | 32   | 29   | 25   | 34   | 32   | 28   | 24   | 33   | 31   | 28   | 24   | 33   | 31   | 27   | 24   | 32   | 30   | 27   | 23   | 32   | 30   | 27   | 23   |
|             | kW    | 2.22 | 2.37 | 2.71 | 2.74 | 3.08 | 3.08 | 3.07 | 3.10 | 3.48 | 3.48 | 3.48 | 3.50 | 3.92 | 3.92 | 3.92 | 3.94 | 4.42 | 4.42 | 4.41 | 4.44 | 4.45 | 4.45 | 4.44 | 4.47 |
|             | Amps  | 9.1  | 9.7  | 10.4 | 10.5 | 11.9 | 11.9 | 11.9 | 12.0 | 13.6 | 13.6 | 13.5 | 13.7 | 16.1 | 16.1 | 16.0 | 16.2 | 17.6 | 17.6 | 17.3 | 17.7 | 18.6 | 18.6 | 18.6 | 18.7 |
|             | Hi PR | 256  | 259  | 275  | 280  | 318  | 319  | 321  | 326  | 366  | 367  | 369  | 374  | 419  | 420  | 422  | 427  | 477  | 478  | 480  | 485  | 511  | 512  | 514  | 519  |
| <b>85</b>   | Lo PR | 124  | 126  | 131  | 141  | 124  | 127  | 134  | 144  | 126  | 129  | 136  | 146  | 126  | 130  | 136  | 147  | 127  | 130  | 137  | 147  | 130  | 133  | 140  | 150  |
|             | MBh   | 44.9 | 47.4 | 48.8 | 50.9 | 46.9 | 47.6 | 48.9 | 51.0 | 46.3 | 46.9 | 48.3 | 50.4 | 44.7 | 45.3 | 46.7 | 48.9 | 44.2 | 44.9 | 45.1 | 48.5 | 41.3 | 42.0 | 43.4 | 45.5 |
|             | S/T   | 1.00 | 0.98 | 0.84 | 0.69 | 1.00 | 0.96 | 0.82 | 0.68 | 1.00 | 0.96 | 0.83 | 0.69 | 1.00 | 0.95 | 0.82 | 0.68 | 0.97 | 0.94 | 0.82 | 0.68 | 0.91 | 0.91 | 0.83 | 0.70 |
|             | ΔT    | 32   | 31   | 27   | 23   | 32   | 30   | 27   | 23   | 32   | 30   | 26   | 23   | 31   | 29   | 26   | 22   | 30   | 29   | 25   | 22   | 31   | 29   | 26   | 22   |
|             | kW    | 2.39 | 2.74 | 2.73 | 2.76 | 3.10 | 3.10 | 3.09 | 3.12 | 3.51 | 3.50 | 3.50 | 3.52 | 3.95 | 3.94 | 3.94 | 3.96 | 4.44 | 4.44 | 4.43 | 4.46 | 4.47 | 4.47 | 4.46 | 4.49 |
|             | Amps  | 9.8  | 10.5 | 10.5 | 10.6 | 12.0 | 12.0 | 12.0 | 12.1 | 13.7 | 13.7 | 13.6 | 13.7 | 17.5 | 17.4 | 17.4 | 17.5 | 19.0 | 19.0 | 18.7 | 19.1 | 18.6 | 18.6 | 18.6 | 18.7 |
| <b>1380</b> | Hi PR | 261  | 276  | 278  | 283  | 321  | 322  | 324  | 328  | 369  | 370  | 372  | 377  | 422  | 423  | 425  | 430  | 479  | 481  | 483  | 488  | 514  | 515  | 517  | 522  |
|             | Lo PR | 124  | 126  | 133  | 143  | 126  | 129  | 136  | 147  | 127  | 131  | 138  | 148  | 128  | 132  | 138  | 149  | 128  | 132  | 138  | 149  | 132  | 135  | 142  | 152  |
|             | MBh   | 45.7 | 48.3 | 49.7 | 51.7 | 47.8 | 48.5 | 49.8 | 51.9 | 47.2 | 47.8 | 49.2 | 51.3 | 45.6 | 46.2 | 47.6 | 49.8 | 45.2 | 45.8 | 46.0 | 49.4 | 42.3 | 42.9 | 44.3 | 46.4 |
|             | S/T   | 1.00 | 1.02 | 0.88 | 0.73 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00 | 0.99 | 0.86 | 0.72 | 0.97 | 0.97 | 0.85 | 0.72 | 0.91 | 0.91 | 0.86 | 0.73 |
|             | ΔT    | 31   | 30   | 26   | 22   | 31   | 29   | 25   | 22   | 31   | 29   | 25   | 22   | 30   | 28   | 25   | 21   | 29   | 27   | 24   | 20   | 30   | 28   | 24   | 21   |
|             | kW    | 2.41 | 2.76 | 2.75 | 2.78 | 3.12 | 3.12 | 3.11 | 3.14 | 3.52 | 3.52 | 3.51 | 3.54 | 3.96 | 3.96 | 3.96 | 3.98 | 4.46 | 4.46 | 4.45 | 4.48 | 4.49 | 4.49 | 4.48 | 4.51 |
| <b>1590</b> | Amps  | 9.8  | 10.6 | 10.6 | 10.7 | 12.1 | 12.1 | 12.0 | 12.1 | 13.7 | 13.7 | 13.7 | 13.8 | 17.5 | 17.5 | 17.5 | 17.6 | 19.1 | 19.1 | 18.8 | 19.1 | 18.7 | 18.7 | 18.7 | 18.8 |
|             | Hi PR | 263  | 279  | 281  | 285  | 323  | 324  | 326  | 331  | 372  | 373  | 375  | 380  | 425  | 426  | 428  | 433  | 482  | 483  | 485  | 490  | 517  | 518  | 520  | 524  |
|             | Lo PR | 127  | 128  | 135  | 146  | 128  | 131  | 138  | 149  | 130  | 133  | 140  | 151  | 130  | 134  | 141  | 151  | 130  | 134  | 141  | 151  | 134  | 137  | 144  | 154  |

IDB\*: Entering Indoor Dry Bulb Temperature

High and low pressures are measured at the liquid and suction service valves.

Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is AHRI conditions

kW = Total system power

Amps = outdoor unit amps

| IDB*    |       | OUTDOOR AMBIENT TEMPERATURE          |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |       |      |      |    |       |      |      |    |
|---------|-------|--------------------------------------|------|------|----|------|------|------|----|------|------|------|----|------|------|------|----|-------|------|------|----|-------|------|------|----|
|         |       | 65°F                                 |      |      |    | 75°F |      |      |    | 85°F |      |      |    | 95°F |      |      |    | 105°F |      |      |    | 115°F |      |      |    |
|         |       | ENTERING INDOOR WET BULB TEMPERATURE |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |       |      |      |    |       |      |      |    |
| AIRFLOW |       | 59                                   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59    | 63   | 67   | 71 | 59    | 63   | 67   | 71 |
| 1390    | MBh   | 39.1                                 | 44.1 | 53.2 |    | 49.3 | 51.8 | 53.4 |    | 50.3 | 51.0 | 52.6 |    | 48.5 | 49.2 | 52.8 |    | 45.8  | 46.6 | 48.3 |    | 38.8  | 39.4 | 39.0 |    |
|         | S/T   | 0.64                                 | 0.54 | 0.37 |    | 0.60 | 0.50 | 0.37 |    | 0.60 | 0.52 | 0.39 |    | 0.61 | 0.54 | 0.41 |    | 0.63  | 0.56 | 0.43 |    | 0.70  | 0.62 | 0.50 |    |
|         | ΔT    | 20                                   | 19   | 16   |    | 21   | 19   | 16   |    | 21   | 19   | 16   |    | 20   | 19   | 15   |    | 20    | 18   | 15   |    | 21    | 19   | 15   |    |
|         | kW    | 2.15                                 | 2.49 | 3.70 |    | 3.36 | 4.16 | 4.15 |    | 4.66 | 4.65 | 4.64 |    | 5.18 | 5.18 | 5.21 |    | 5.73  | 5.72 | 5.73 |    | 5.58  | 5.57 | 5.16 |    |
|         | Amps  | 8.3                                  | 9.5  | 13.6 |    | 12.7 | 15.5 | 15.4 |    | 17.6 | 17.6 | 17.6 |    | 19.9 | 19.9 | 19.9 |    | 22.6  | 22.6 | 22.5 |    | 22.1  | 22.1 | 20.5 |    |
|         | Hi PR | 254                                  | 261  | 276  |    | 310  | 319  | 321  |    | 365  | 366  | 368  |    | 417  | 418  | 420  |    | 473   | 474  | 476  |    | 527   | 529  | 525  |    |
| 1640    | Lo PR | 119                                  | 120  | 120  |    | 119  | 119  | 126  |    | 121  | 124  | 130  |    | 124  | 128  | 134  |    | 128   | 131  | 138  |    | 134   | 138  | 146  |    |
|         | MBh   | 42.9                                 | 47.2 | 54.0 |    | 52.3 | 52.6 | 54.2 |    | 51.1 | 51.9 | 53.4 |    | 49.3 | 50.1 | 53.6 |    | 46.2  | 47.6 | 49.1 |    | 37.7  | 38.4 | 39.7 |    |
|         | S/T   | 0.71                                 | 0.88 | 0.44 |    | 0.67 | 0.58 | 0.44 |    | 0.67 | 0.60 | 0.47 |    | 0.68 | 0.61 | 0.48 |    | 0.70  | 0.63 | 0.50 |    | 0.78  | 0.71 | 0.57 |    |
|         | ΔT    | 19                                   | 26   | 14   |    | 20   | 18   | 14   |    | 20   | 18   | 14   |    | 19   | 17   | 14   |    | 19    | 17   | 13   |    | 19    | 17   | 14   |    |
|         | kW    | 2.42                                 | 2.69 | 3.73 |    | 3.65 | 4.19 | 4.18 |    | 4.69 | 4.68 | 4.67 |    | 5.21 | 5.21 | 5.24 |    | 5.70  | 5.77 | 5.76 |    | 4.54  | 4.54 | 4.53 |    |
|         | Amps  | 9.2                                  | 10.2 | 13.7 |    | 13.6 | 15.6 | 15.6 |    | 17.7 | 17.7 | 17.7 |    | 20.1 | 20.1 | 20.0 |    | 22.7  | 22.7 | 22.6 |    | 20.7  | 20.6 | 20.6 |    |
| 1890    | Hi PR | 261                                  | 267  | 278  |    | 317  | 322  | 324  |    | 368  | 369  | 371  |    | 420  | 421  | 423  |    | 476   | 477  | 479  |    | 525   | 526  | 528  |    |
|         | Lo PR | 119                                  | 122  | 122  |    | 120  | 121  | 128  |    | 122  | 126  | 132  |    | 126  | 130  | 136  |    | 129   | 133  | 140  |    | 137   | 141  | 148  |    |
|         | MBh   | 47.4                                 | 53.9 | 55.0 |    | 52.9 | 53.6 | 55.2 |    | 52.1 | 52.9 | 54.4 |    | 50.3 | 51.1 | 54.7 |    | 46.3  | 47.2 | 48.7 |    | 38.6  | 39.3 | 37.9 |    |
|         | S/T   | 1.00                                 | 0.63 | 0.48 |    | 0.68 | 0.61 | 0.48 |    | 0.70 | 0.63 | 0.50 |    | 0.72 | 0.65 | 0.52 |    | 0.74  | 0.66 | 0.54 |    | 0.82  | 0.74 | 0.88 |    |
|         | ΔT    | 27                                   | 17   | 13   |    | 19   | 17   | 13   |    | 18   | 17   | 13   |    | 18   | 16   | 13   |    | 17    | 16   | 12   |    | 18    | 16   | 20   |    |
|         | kW    | 2.71                                 | 3.28 | 3.76 |    | 4.22 | 4.21 | 4.20 |    | 4.71 | 4.71 | 4.70 |    | 5.24 | 5.23 | 5.27 |    | 5.61  | 5.63 | 5.63 |    | 4.56  | 4.56 | 4.02 |    |
| 1890    | Amps  | 10.2                                 | 12.1 | 13.8 |    | 15.7 | 15.7 | 15.7 |    | 17.8 | 17.8 | 17.8 |    | 20.2 | 20.2 | 20.1 |    | 22.8  | 22.8 | 22.8 |    | 20.7  | 20.7 | 18.3 |    |
|         | Hi PR | 268                                  | 276  | 281  |    | 323  | 324  | 326  |    | 371  | 372  | 374  |    | 423  | 424  | 426  |    | 479   | 480  | 482  |    | 527   | 528  | 522  |    |
|         | Lo PR | 120                                  | 120  | 124  |    | 120  | 124  | 130  |    | 125  | 128  | 135  |    | 128  | 132  | 138  |    | 131   | 135  | 142  |    | 140   | 143  | 154  |    |

| 75   | 1390 | MBh   | 39.1 | 44.1 | 53.2 | 55.6 | 49.3 | 51.9 | 53.4 | 55.8 | 50.3 | 51.1 | 52.6 | 55.0 | 48.5 | 49.3 | 52.9 | 53.3 | 45.8 | 46.4 | 48.0 | 50.4 | 38.8 | 39.5 | 39.0 | 39.1 |
|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      |      | S/T   | 0.78 | 0.68 | 0.49 | 0.35 | 0.73 | 0.63 | 0.50 | 0.36 | 0.72 | 0.65 | 0.52 | 0.38 | 0.73 | 0.66 | 0.53 | 0.40 | 0.75 | 0.68 | 0.55 | 0.41 | 0.99 | 0.75 | 0.62 | 0.72 |
|      |      | ΔT    | 24   | 23   | 20   | 16   | 25   | 23   | 20   | 16   | 25   | 23   | 20   | 16   | 25   | 23   | 19   | 16   | 24   | 22   | 19   | 15   | 24   | 23   | 19   | 23   |
|      |      | kW    | 2.15 | 2.49 | 3.70 | 3.73 | 3.36 | 4.15 | 4.14 | 4.18 | 4.65 | 4.65 | 4.64 | 4.68 | 5.18 | 5.18 | 5.21 | 5.20 | 5.73 | 5.70 | 5.69 | 5.73 | 4.88 | 4.88 | 4.51 | 4.02 |
|      |      | Amps  | 8.3  | 9.5  | 13.5 | 13.7 | 12.6 | 15.5 | 15.4 | 15.6 | 17.6 | 17.6 | 17.6 | 17.7 | 19.9 | 19.9 | 19.9 | 20.0 | 22.6 | 22.5 | 22.5 | 22.7 | 22.1 | 22.1 | 20.5 | 18.3 |
|      |      | Hi PR | 254  | 261  | 276  | 281  | 311  | 319  | 321  | 326  | 365  | 367  | 369  | 373  | 417  | 418  | 420  | 425  | 473  | 475  | 477  | 481  | 528  | 529  | 525  | 523  |
| 1640 | 1640 | Lo PR | 119  | 120  | 120  | 130  | 119  | 119  | 126  | 136  | 121  | 124  | 131  | 141  | 124  | 128  | 134  | 144  | 128  | 131  | 138  | 148  | 134  | 138  | 146  | 162  |
|      |      | MBh   | 42.9 | 48.0 | 54.0 | 56.4 | 52.4 | 52.7 | 54.2 | 56.6 | 51.1 | 51.9 | 53.5 | 55.8 | 49.3 | 50.1 | 53.7 | 54.1 | 46.5 | 47.2 | 48.8 | 51.2 | 37.8 | 38.4 | 39.7 | 39.7 |
|      |      | S/T   | 0.84 | 0.98 | 0.57 | 0.43 | 0.80 | 0.70 | 0.57 | 0.43 | 0.79 | 0.72 | 0.59 | 0.45 | 0.81 | 0.73 | 0.60 | 0.47 | 0.82 | 0.75 | 0.62 | 0.49 | 0.99 | 0.83 | 0.70 | 0.80 |
|      |      | ΔT    | 23   | 30   | 19   | 15   | 24   | 22   | 18   | 15   | 24   | 22   | 18   | 15   | 23   | 21   | 18   | 14   | 23   | 21   | 17   | 14   | 23   | 21   | 18   | 21   |
|      |      | kW    | 2.41 | 2.70 | 3.73 | 3.76 | 3.65 | 4.18 | 4.18 | 4.21 | 4.68 | 4.68 | 4.67 | 4.71 | 5.21 | 5.21 | 5.24 | 5.23 | 5.73 | 5.73 | 5.72 | 5.75 | 4.54 | 4.54 | 4.53 | 4.04 |
|      |      | Amps  | 9.2  | 10.2 | 13.7 | 13.8 | 13.6 | 15.6 | 15.5 | 15.7 | 17.7 | 17.7 | 17.7 | 17.8 | 20.1 | 20.0 | 20.0 | 20.2 | 22.7 | 22.7 | 22.6 | 22.8 | 20.6 | 20.6 | 20.6 | 18.4 |
| 1890 | 1890 | Hi PR | 261  | 268  | 279  | 283  | 317  | 322  | 324  | 329  | 368  | 369  | 371  | 376  | 420  | 421  | 423  | 428  | 476  | 477  | 479  | 484  | 525  | 526  | 528  | 526  |
|      |      | Lo PR | 120  | 123  | 122  | 132  | 120  | 121  | 128  | 138  | 123  | 126  | 132  | 143  | 126  | 130  | 136  | 146  | 129  | 133  | 140  | 150  | 137  | 141  | 148  | 164  |
|      |      | MBh   | 48.2 | 53.9 | 55.0 | 57.4 | 52.9 | 53.7 | 55.2 | 57.6 | 52.2 | 52.9 | 54.5 | 56.8 | 50.4 | 51.1 | 54.7 | 55.1 | 47.8 | 48.5 | 50.1 | 52.6 | 38.7 | 39.3 | 38.7 | 40.6 |
|      |      | S/T   | 1.00 | 0.76 | 0.60 | 0.46 | 0.81 | 0.74 | 0.61 | 0.47 | 0.83 | 0.76 | 0.63 | 0.49 | 0.84 | 0.77 | 0.64 | 0.50 | 0.86 | 0.79 | 0.66 | 0.52 | 0.99 | 0.87 | 0.98 | 0.84 |
|      |      | ΔT    | 30   | 21   | 18   | 14   | 23   | 21   | 17   | 13   | 23   | 21   | 17   | 14   | 22   | 20   | 17   | 13   | 21   | 20   | 16   | 13   | 22   | 20   | 24   | 20   |
|      |      | kW    | 2.72 | 3.28 | 3.75 | 3.79 | 4.21 | 4.21 | 4.20 | 4.24 | 4.71 | 4.70 | 4.70 | 4.73 | 5.23 | 5.23 | 5.26 | 5.26 | 5.79 | 5.78 | 5.78 | 5.82 | 4.56 | 4.55 | 4.03 | 4.05 |
| 1890 | 1890 | Amps  | 10.3 | 12.1 | 13.8 | 13.9 | 15.7 | 15.7 | 15.6 | 15.8 | 17.8 | 17.8 | 17.8 | 17.9 | 20.2 | 20.1 | 20.1 | 20.3 | 22.8 | 22.8 | 22.7 | 22.9 | 20.7 | 20.7 | 18.4 | 18.5 |
|      |      | Hi PR | 269  | 276  | 281  | 286  | 323  | 325  | 326  | 331  | 371  | 372  | 374  | 379  | 423  | 424  | 426  | 431  | 479  | 480  | 482  | 487  | 528  | 529  | 524  | 528  |
|      |      | Lo PR | 122  | 120  | 124  | 134  | 120  | 124  | 130  | 140  | 125  | 128  | 135  | 145  | 128  | 132  | 138  | 149  | 132  | 135  | 142  | 152  | 140  | 143  | 155  | 166  |

IDB\*: Entering Indoor Dry Bulb Temperature

High and low pressures are measured at the liquid and suction service valves.

Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is ACCA (TVA) conditions

kW = Total system power

Amps = outdoor unit amps

## EXPANDED COOLING DATA — GZV9SA6010A\* / AHVE60DP1300A\* (CONT.)

|         |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |     |     |       |  |  |  |  |  |  |
|---------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|-----|-----|-------|--|--|--|--|--|--|
|         |         | 65°F                        |      |      |      |      |      |      | 75°F |      |      |      |      |      |      | 85°F |      |      |      |      |      |      | 95°F |      |      |      |      |      |      | 105°F |      |      |      |      |     |     | 115°F |  |  |  |  |  |  |
| IDB*    | AIRFLOW | 59                          | 63   | 67   | 71   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71    | 59   | 63   | 67   | 71   |     |     |       |  |  |  |  |  |  |
| 1390    | MBh     | 40.3                        | 48.2 | 53.5 | 55.8 | 56.0 | 49.5 | 52.1 | 53.7 | 56.0 | 50.6 | 51.3 | 52.9 | 55.3 | 48.8 | 49.5 | 53.1 | 53.5 | 46.1 | 46.9 | 48.6 | 51.2 | 41.9 | 43.2 | 44.7 | 47.1 | 41.9 | 43.2 | 44.7 | 47.1  | 41.9 | 43.2 | 44.7 | 47.1 |     |     |       |  |  |  |  |  |  |
|         | S/T     | 0.91                        | 0.98 | 0.61 | 0.48 | 0.48 | 0.86 | 0.75 | 0.62 | 0.48 | 0.84 | 0.77 | 0.64 | 0.50 | 1.00 | 0.78 | 0.65 | 0.52 | 0.99 | 0.80 | 0.67 | 0.53 | 0.99 | 0.88 | 0.75 | 0.80 | 0.99 | 0.88 | 0.75 | 0.80  | 0.99 | 0.88 | 0.75 | 0.80 |     |     |       |  |  |  |  |  |  |
|         | ΔT      | 28                          | 34   | 25   | 21   | 20   | 29   | 28   | 24   | 20   | 29   | 28   | 24   | 20   | 29   | 27   | 23   | 20   | 28   | 26   | 23   | 19   | 28   | 26   | 23   | 26   | 28   | 26   | 23   | 26    | 28   | 26   | 23   | 26   |     |     |       |  |  |  |  |  |  |
|         | kW      | 2.23                        | 2.68 | 3.70 | 3.74 | 4.18 | 3.36 | 4.16 | 4.15 | 4.18 | 4.65 | 4.65 | 4.64 | 4.68 | 5.18 | 5.18 | 5.21 | 5.21 | 5.73 | 5.72 | 5.73 | 5.79 | 4.88 | 4.52 | 4.51 | 4.02 | 5.73 | 5.72 | 5.73 | 5.79  | 4.88 | 4.52 | 4.51 | 4.02 |     |     |       |  |  |  |  |  |  |
|         | Amps    | 8.6                         | 10.1 | 13.5 | 13.7 | 15.6 | 12.7 | 15.5 | 15.4 | 15.6 | 17.6 | 17.6 | 17.6 | 17.7 | 19.9 | 19.9 | 19.9 | 20.0 | 22.6 | 22.6 | 22.5 | 22.7 | 22.1 | 20.5 | 20.5 | 18.3 | 22.1 | 20.5 | 20.5 | 18.3  | 22.1 | 20.5 | 20.5 | 18.3 |     |     |       |  |  |  |  |  |  |
| 80 1640 | Hi PR   | 256                         | 266  | 276  | 281  | 311  | 311  | 320  | 321  | 326  | 366  | 367  | 369  | 374  | 418  | 419  | 421  | 426  | 474  | 475  | 477  | 482  | 528  | 524  | 526  | 524  | 528  | 524  | 526  | 524   | 528  | 524  | 526  | 524  |     |     |       |  |  |  |  |  |  |
|         | Lo PR   | 119                         | 123  | 121  | 130  | 120  | 120  | 120  | 126  | 136  | 121  | 125  | 131  | 141  | 125  | 128  | 135  | 145  | 128  | 132  | 138  | 148  | 134  | 140  | 147  | 164  | 134  | 140  | 147  | 164   | 134  | 140  | 147  | 164  |     |     |       |  |  |  |  |  |  |
|         | MBh     | 44.4                        | 50.9 | 54.3 | 56.6 | 56.8 | 52.6 | 52.9 | 54.5 | 56.8 | 51.4 | 52.2 | 53.7 | 56.1 | 49.6 | 50.4 | 54.0 | 54.4 | 46.4 | 47.8 | 49.5 | 52.1 | 42.7 | 43.9 | 45.5 | 47.9 | 42.7 | 43.9 | 45.5 | 47.9  | 42.7 | 43.9 | 45.5 | 47.9 |     |     |       |  |  |  |  |  |  |
|         | S/T     | 0.97                        | 0.86 | 0.69 | 0.55 | 0.55 | 0.93 | 0.82 | 0.69 | 0.55 | 1.01 | 0.84 | 0.71 | 0.57 | 1.00 | 0.85 | 0.72 | 0.59 | 0.99 | 0.87 | 0.74 | 0.61 | 0.99 | 0.96 | 0.82 | 0.88 | 0.99 | 0.96 | 0.82 | 0.88  | 0.99 | 0.96 | 0.82 | 0.88 |     |     |       |  |  |  |  |  |  |
|         | ΔT      | 27                          | 26   | 23   | 19   | 18   | 28   | 26   | 23   | 19   | 28   | 26   | 23   | 19   | 27   | 25   | 22   | 18   | 27   | 25   | 21   | 18   | 27   | 25   | 22   | 25   | 27   | 25   | 21   | 18    | 27   | 25   | 21   | 18   |     |     |       |  |  |  |  |  |  |
| 1890    | kW      | 2.51                        | 3.03 | 3.73 | 3.77 | 4.22 | 3.65 | 4.19 | 4.18 | 4.22 | 4.69 | 4.68 | 4.67 | 4.71 | 5.21 | 5.21 | 5.14 | 5.34 | 5.70 | 5.77 | 5.77 | 5.83 | 4.50 | 4.51 | 4.53 | 4.22 | 5.70 | 5.77 | 5.77 | 5.83  | 4.50 | 4.51 | 4.53 | 4.22 |     |     |       |  |  |  |  |  |  |
|         | Amps    | 9.6                         | 11.3 | 12.8 | 13.0 | 15.1 | 13.6 | 15.0 | 14.9 | 15.1 | 17.3 | 17.3 | 17.3 | 17.4 | 19.8 | 19.8 | 19.8 | 19.9 | 22.7 | 22.6 | 22.6 | 22.8 | 20.7 | 20.6 | 20.6 | 18.4 | 22.7 | 22.6 | 22.6 | 22.8  | 20.7 | 20.6 | 20.6 | 18.4 |     |     |       |  |  |  |  |  |  |
|         | Hi PR   | 263                         | 271  | 279  | 284  | 317  | 317  | 322  | 324  | 329  | 369  | 370  | 372  | 377  | 421  | 422  | 424  | 429  | 477  | 478  | 480  | 485  | 525  | 526  | 528  | 527  | 525  | 526  | 528  | 527   | 525  | 526  | 528  | 527  |     |     |       |  |  |  |  |  |  |
|         | Lo PR   | 119                         | 119  | 123  | 132  | 120  | 122  | 128  | 138  | 138  | 123  | 127  | 133  | 143  | 127  | 130  | 137  | 147  | 130  | 133  | 140  | 150  | 138  | 142  | 149  | 166  | 130  | 133  | 140  | 150   | 138  | 142  | 149  | 166  |     |     |       |  |  |  |  |  |  |
|         | MBh     | 49.1                        | 54.2 | 55.3 | 57.6 | 57.8 | 53.2 | 53.9 | 55.5 | 57.8 | 52.4 | 53.2 | 54.7 | 57.1 | 50.6 | 51.4 | 55.0 | 55.4 | 47.3 | 48.2 | 49.8 | 52.4 | 42.9 | 44.2 | 45.7 | 48.1 | 42.9 | 44.2 | 45.7 | 48.1  | 42.9 | 44.2 | 45.7 | 48.1 |     |     |       |  |  |  |  |  |  |
| 1890    | S/T     | 1.00                        | 0.89 | 0.72 | 0.59 | 0.59 | 0.93 | 0.86 | 0.73 | 0.59 | 1.01 | 0.88 | 0.75 | 0.61 | 1.00 | 0.89 | 0.76 | 0.62 | 0.99 | 0.91 | 0.78 | 0.64 | 0.99 | 0.99 | 0.99 | 0.91 | 0.99 | 0.99 | 0.99 | 0.91  | 0.99 | 0.99 | 0.91 |      |     |     |       |  |  |  |  |  |  |
|         | ΔT      | 34                          | 25   | 22   | 18   | 17   | 27   | 25   | 21   | 18   | 27   | 25   | 21   | 18   | 26   | 24   | 21   | 17   | 26   | 24   | 20   | 17   | 26   | 30   | 27   | 24   | 26   | 24   | 20   | 17    | 26   | 30   | 27   | 24   |     |     |       |  |  |  |  |  |  |
|         | kW      | 2.73                        | 3.28 | 3.75 | 3.79 | 4.22 | 4.22 | 4.21 | 4.20 | 4.24 | 4.71 | 4.71 | 4.70 | 4.73 | 5.24 | 5.23 | 5.27 | 5.26 | 5.70 | 5.72 | 5.71 | 5.77 | 4.56 | 4.04 | 4.04 | 4.06 | 5.70 | 5.72 | 5.71 | 5.77  | 4.56 | 4.04 | 4.04 | 4.06 |     |     |       |  |  |  |  |  |  |
|         | Amps    | 10.3                        | 12.1 | 13.8 | 13.9 | 15.7 | 15.7 | 15.7 | 15.7 | 15.8 | 17.8 | 17.8 | 17.8 | 17.9 | 20.2 | 20.2 | 20.1 | 20.3 | 22.8 | 22.8 | 22.7 | 22.9 | 20.7 | 20.7 | 20.7 | 18.5 | 22.8 | 22.8 | 22.7 | 22.9  | 20.7 | 20.7 | 20.7 | 18.5 |     |     |       |  |  |  |  |  |  |
|         | Hi PR   | 271                         | 277  | 282  | 287  | 324  | 324  | 325  | 327  | 332  | 372  | 373  | 375  | 379  | 423  | 425  | 426  | 431  | 480  | 481  | 483  | 488  | 528  | 528  | 528  | 530  | 528  | 528  | 528  | 528   | 528  | 528  | 528  | 528  | 528 | 530 |       |  |  |  |  |  |  |
| 85      | Lo PR   | 124                         | 120  | 125  | 135  | 121  | 121  | 124  | 131  | 141  | 125  | 129  | 135  | 146  | 129  | 132  | 139  | 149  | 132  | 136  | 142  | 153  | 140  | 150  | 157  | 169  | 140  | 150  | 157  | 169   | 140  | 150  | 157  | 169  |     |     |       |  |  |  |  |  |  |
|         | MBh     | 43.2                        | 50.9 | 54.4 | 56.7 | 56.9 | 52.7 | 53.0 | 54.5 | 56.9 | 51.5 | 52.2 | 53.8 | 56.2 | 49.7 | 50.4 | 54.0 | 54.4 | 45.5 | 46.2 | 47.8 | 50.2 | 38.1 | 38.7 | 40.1 | 39.1 | 38.1 | 38.7 | 40.1 | 39.1  | 38.1 | 38.7 | 40.1 | 39.1 |     |     |       |  |  |  |  |  |  |
|         | S/T     | 1.00                        | 0.88 | 0.71 | 0.57 | 0.58 | 1.00 | 0.85 | 0.71 | 0.58 | 1.00 | 0.86 | 0.73 | 0.60 | 1.00 | 0.88 | 0.75 | 0.61 | 0.99 | 0.89 | 0.76 | 0.63 | 0.99 | 0.99 | 0.94 | 0.80 | 0.99 | 0.97 | 0.84 | 0.70  | 0.99 | 0.99 | 0.94 | 0.80 |     |     |       |  |  |  |  |  |  |
|         | ΔT      | 32                          | 31   | 28   | 25   | 24   | 33   | 31   | 28   | 24   | 33   | 31   | 28   | 24   | 32   | 31   | 27   | 23   | 32   | 30   | 26   | 23   | 32   | 30   | 27   | 23   | 32   | 30   | 26   | 23    | 32   | 30   | 26   | 23   |     |     |       |  |  |  |  |  |  |
|         | kW      | 2.40                        | 3.01 | 3.71 | 3.74 | 4.19 | 3.63 | 4.16 | 4.16 | 4.19 | 4.66 | 4.66 | 4.65 | 4.69 | 5.19 | 5.19 | 5.22 | 5.22 | 5.55 | 5.54 | 5.54 | 5.58 | 4.53 | 4.53 | 4.52 | 4.02 | 5.55 | 5.54 | 5.54 | 5.58  | 4.53 | 4.53 | 4.52 | 4.02 |     |     |       |  |  |  |  |  |  |

# EXPANDED HEATING DATA — NORMAL HEATING MODE

## GZV9SA241CA\* + CAHEA3630\*3A\*, MBVK16CH\*X00A\*

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   | -10  |
| MBh   | 31.3                        | 29.1 | 27.1 | 25.2 | 24.0 | 23.3 | 21.5 | 41.8 | 38.9 | 36.0 | 33.2 | 31.5 | 30.5 | 27.8 | 24.0 | 22.6 | 20.1 | 15.9 |
| T/R   | 31                          | 29   | 27   | 25   | 24   | 23   | 21   | 42   | 39   | 36   | 33   | 32   | 30   | 28   | 25   | 22   | 20   | 16   |
| KW    | 1.74                        | 1.72 | 1.71 | 1.69 | 1.68 | 1.56 | 1.54 | 3.77 | 3.63 | 3.48 | 3.34 | 3.26 | 3.21 | 3.08 | 2.93 | 2.83 | 2.72 | 2.34 |
| AMPS  | 5.4                         | 5.4  | 5.3  | 5.2  | 5.2  | 5.1  | 5.1  | 14.9 | 14.3 | 13.7 | 13.0 | 12.7 | 12.5 | 11.9 | 11.3 | 10.8 | 10.3 | 8.6  |
| COP   | 5.62                        | 5.29 | 4.96 | 4.67 | 4.48 | 4.37 | 4.09 | 3.25 | 3.14 | 3.03 | 2.91 | 2.83 | 2.78 | 2.65 | 2.40 | 2.34 | 2.17 | 1.99 |
| Hi PR | 368                         | 356  | 338  | 319  | 309  | 304  | 297  | 383  | 379  | 363  | 348  | 339  | 332  | 320  | 308  | 296  | 286  | 269  |
| LO PR | 176                         | 164  | 146  | 127  | 118  | 112  | 106  | 87   | 77   | 70   | 63   | 59   | 56   | 50   | 45   | 39   | 35   | 31   |

## GZV9SA361CA\* + CAHEA3630\*3A\*, MBVK16CH\*X00A\*

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   | -10  |
| MBh   | 45.2                        | 42.2 | 39.3 | 36.5 | 34.2 | 33.8 | 31.3 | 57.3 | 53.2 | 49.3 | 45.5 | 43.2 | 41.7 | 38.3 | 34.2 | 31.2 | 26.6 | 18.9 |
| T/R   | 28                          | 26   | 24   | 22   | 21   | 20   | 19   | 35   | 33   | 30   | 28   | 26   | 25   | 23   | 21   | 19   | 16   | 11   |
| KW    | 2.46                        | 2.45 | 2.43 | 2.41 | 2.39 | 2.30 | 2.27 | 5.22 | 5.04 | 4.85 | 4.68 | 4.57 | 4.50 | 4.34 | 4.18 | 3.98 | 3.62 | 2.81 |
| AMPS  | 8.0                         | 7.9  | 7.8  | 7.7  | 7.7  | 7.6  | 7.5  | 20.6 | 19.7 | 18.9 | 18.2 | 17.7 | 17.4 | 16.7 | 15.9 | 15.1 | 13.5 | 9.9  |
| COP   | 5.57                        | 5.21 | 4.90 | 4.58 | 4.34 | 4.31 | 4.04 | 3.22 | 3.09 | 2.98 | 2.85 | 2.77 | 2.72 | 2.58 | 2.40 | 2.30 | 2.15 | 1.98 |
| Hi PR | 361                         | 349  | 331  | 313  | 303  | 298  | 292  | 371  | 363  | 348  | 338  | 329  | 316  | 306  | 296  | 287  | 275  | 257  |
| LO PR | 164                         | 154  | 137  | 119  | 110  | 105  | 99   | 81   | 73   | 66   | 59   | 55   | 52   | 47   | 41   | 36   | 32   | 30   |

## GZV9SA4810A\* + AHVE60DP1300A\*

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   | -10  |
| MBh   | 66.1                        | 62.7 | 57.2 | 51.2 | 48.0 | 46.3 | 44.2 | 65.7 | 61.3 | 56.9 | 56.5 | 53.6 | 51.7 | 45.3 | 44.0 | 35.5 | 27.5 | 20.6 |
| T/R   | 45                          | 43   | 39   | 35   | 33   | 31   | 30   | 44   | 41   | 38   | 38   | 36   | 34   | 34   | 33   | 29   | 26   | 22   |
| KW    | 4.28                        | 4.18 | 4.01 | 3.83 | 3.73 | 3.68 | 3.62 | 7.17 | 6.84 | 6.54 | 6.83 | 6.65 | 6.53 | 6.23 | 6.79 | 6.47 | 6.25 | 5.91 |
| AMPS  | 17.7                        | 17.2 | 16.5 | 15.6 | 15.2 | 14.9 | 14.6 | 29.8 | 28.4 | 27.0 | 28.5 | 27.6 | 27.1 | 25.7 | 29.7 | 28.2 | 27.1 | 24.2 |
| COP   | 4.52                        | 4.40 | 4.18 | 3.92 | 3.77 | 3.69 | 3.58 | 2.69 | 2.62 | 2.55 | 2.42 | 2.36 | 2.32 | 2.13 | 1.90 | 1.78 | 1.66 | 1.66 |
| Hi PR | 429                         | 415  | 394  | 371  | 360  | 353  | 346  | 427  | 409  | 393  | 385  | 376  | 369  | 360  | 355  | 339  | 327  | 312  |
| LO PR | 158                         | 148  | 132  | 115  | 106  | 101  | 96   | 81   | 73   | 67   | 59   | 55   | 52   | 45   | 39   | 34   | 30   | 27   |

## GZV9SA6010A\* + AHVE60DP1300A\*

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   | -10  |
| MBh   | 74.4                        | 70.6 | 64.4 | 57.6 | 54.0 | 52.1 | 49.7 | 67.1 | 62.5 | 59.2 | 56.2 | 54.3 | 55.5 | 50.5 | 47.0 | 38.5 | 30.0 | 22.5 |
| T/R   | 43                          | 41   | 37   | 33   | 31   | 30   | 28   | 39   | 37   | 36   | 34   | 32   | 32   | 29   | 27   | 22   | 18   | 15   |
| KW    | 5.00                        | 4.88 | 4.69 | 4.47 | 4.36 | 4.30 | 4.22 | 8.02 | 7.71 | 7.41 | 7.10 | 6.92 | 7.36 | 7.02 | 7.25 | 5.91 | 4.83 | 4.32 |
| AMPS  | 19.5                        | 19.0 | 18.2 | 17.2 | 16.7 | 16.5 | 16.1 | 30.1 | 26.7 | 27.8 | 26.5 | 27.9 | 30.0 | 28.5 | 27.3 | 23.7 | 19.0 | 16.7 |
| COP   | 4.36                        | 4.24 | 4.02 | 3.77 | 3.63 | 3.55 | 3.45 | 2.45 | 2.38 | 2.34 | 2.32 | 2.30 | 2.21 | 2.11 | 1.90 | 1.91 | 1.86 | 1.77 |
| Hi PR | 422                         | 409  | 388  | 366  | 354  | 348  | 341  | 407  | 390  | 373  | 366  | 357  | 358  | 343  | 329  | 307  | 284  | 270  |
| LO PR | 156                         | 145  | 130  | 113  | 104  | 100  | 94   | 79   | 72   | 66   | 58   | 54   | 50   | 44   | 39   | 34   | 31   | 29   |

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

**Note:** Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature

Amps = Outdoor unit amps (comp.+fan)

KW= Total system power

**GZV9SA241CA\* + CAHEA3630\*3A\*, MBVK16CH\*X00A\***

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |                             |
|-------|-----------------------------|------|------|------|------|------|------|-----------------------------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35 OR LOWER                 |
| MBh   | 55.8                        | 52.1 | 51.2 | 47.6 | 45.6 | 44.3 | 41.1 | Same as normal heating mode |
| T/R   | 31                          | 29   | 28   | 26   | 25   | 24   | 22   |                             |
| KW    | 3.24                        | 3.20 | 3.38 | 3.32 | 3.28 | 3.26 | 3.19 |                             |
| AMPS  | 11.3                        | 11.1 | 11.9 | 11.7 | 11.5 | 11.4 | 11.1 |                             |
| COP   | 5.05                        | 4.77 | 4.44 | 4.20 | 4.07 | 3.98 | 3.77 |                             |
| Hi PR | 382                         | 370  | 358  | 337  | 327  | 321  | 314  |                             |
| LO PR | 167                         | 156  | 137  | 119  | 110  | 105  | 99   |                             |

**GZV9SA361CA\* + CAHEA3630\*3A\*, MBVK16CH\*X00A\***

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |                             |
|-------|-----------------------------|------|------|------|------|------|------|-----------------------------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35 OR LOWER                 |
| MBh   | 70.1                        | 65.6 | 64.5 | 60.2 | 57.7 | 56.0 | 52.2 | Same as normal heating mode |
| T/R   | 44                          | 41   | 40   | 38   | 36   | 35   | 32   |                             |
| KW    | 4.86                        | 4.71 | 4.98 | 4.81 | 4.72 | 4.65 | 4.50 |                             |
| AMPS  | 18.9                        | 18.2 | 19.4 | 18.7 | 18.3 | 18.0 | 17.4 |                             |
| COP   | 4.23                        | 4.08 | 3.80 | 3.67 | 3.58 | 3.53 | 3.40 |                             |
| Hi PR | 418                         | 402  | 397  | 383  | 374  | 368  | 356  |                             |
| LO PR | 141                         | 130  | 118  | 108  | 102  | 99   | 90   |                             |

**GZV9SA4810A\* + AHVE60DP1300A\***

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |                             |
|-------|-----------------------------|------|------|------|------|------|------|-----------------------------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35 OR LOWER                 |
| MBh   | 82.7                        | 81.2 | 74.6 | 73.9 | 70.6 | 68.8 | 68.3 | Same as normal heating mode |
| T/R   | 55                          | 54   | 49   | 49   | 47   | 45   | 45   |                             |
| KW    | 6.36                        | 6.96 | 6.62 | 7.16 | 6.96 | 6.86 | 7.33 |                             |
| AMPS  | 25.7                        | 28.5 | 27.2 | 29.6 | 28.8 | 28.2 | 29.8 |                             |
| COP   | 3.82                        | 3.42 | 3.31 | 3.03 | 2.97 | 2.94 | 2.73 |                             |
| Hi PR | 481                         | 476  | 452  | 448  | 436  | 430  | 428  |                             |
| LO PR | 151                         | 132  | 118  | 105  | 99   | 95   | 86   |                             |

**GZV9SA6010A\* + AHVE60DP1300A\***

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |                             |
|-------|-----------------------------|------|------|------|------|------|------|-----------------------------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35 OR LOWER                 |
| MBh   | 91.1                        | 83.1 | 81.8 | 78.3 | 76.8 | 74.8 | 73.8 | Same as normal heating mode |
| T/R   | 51                          | 46   | 45   | 44   | 42   | 41   | 41   |                             |
| KW    | 6.92                        | 6.57 | 7.12 | 7.19 | 7.33 | 7.22 | 7.58 |                             |
| AMPS  | 27.2                        | 26.1 | 28.6 | 28.8 | 29.7 | 29.0 | 30.1 |                             |
| COP   | 3.86                        | 3.71 | 3.37 | 3.19 | 3.07 | 3.04 | 2.86 |                             |
| Hi PR | 463                         | 437  | 432  | 426  | 414  | 408  | 403  |                             |
| LO PR | 146                         | 130  | 115  | 102  | 96   | 92   | 83   |                             |

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

**Note:** Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature

Amps = Outdoor unit amps (comp.+fan)

KW= Total system power

# EXPANDED HEATING DATA-AT VARIOUS INDOOR TEMPERATURES

GZV9SA241CA\* + CAHEA3630\*3A\*, MBVK16CH\*X00A\*

| OUTDOOR AIR TEMPERATURE | INDOOR AIR TEMPERATURE, °FDB |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|
|                         | 61                           |      | 65   |      | 68   |      | 70   |      | 72   |      | 75   |      |
|                         | TC                           | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   |
| °FDB                    | MBH                          | kW   | MBH  | kW   | MBH  | kW   | MBH  | kW   | MBH  | kW   | MBH  | kW   |
| -10                     | 16.3                         | 2.15 | 16.1 | 2.23 | 16.0 | 2.30 | 15.9 | 2.34 | 15.8 | 2.38 | 15.7 | 2.45 |
| -5                      | 20.6                         | 2.50 | 20.4 | 2.60 | 20.2 | 2.67 | 20.1 | 2.72 | 20.0 | 2.77 | 19.8 | 2.85 |
| 0                       | 23.2                         | 2.60 | 22.9 | 2.70 | 22.7 | 2.78 | 22.6 | 2.83 | 22.5 | 2.88 | 22.3 | 2.96 |
| 5                       | 24.4                         | 2.68 | 24.1 | 2.78 | 23.9 | 2.86 | 24.0 | 2.93 | 23.7 | 2.97 | 23.4 | 3.05 |
| 10                      | 28.5                         | 2.83 | 28.2 | 2.94 | 28.0 | 3.02 | 27.8 | 3.08 | 27.6 | 3.14 | 27.4 | 3.22 |
| 15                      | 31.3                         | 2.95 | 30.9 | 3.07 | 30.7 | 3.15 | 30.5 | 3.21 | 30.3 | 3.27 | 30.0 | 3.36 |
| 17                      | 32.3                         | 3.00 | 31.9 | 3.11 | 31.7 | 3.20 | 31.5 | 3.26 | 31.3 | 3.32 | 31.0 | 3.41 |
| 20                      | 34.0                         | 3.07 | 33.7 | 3.19 | 33.4 | 3.28 | 33.2 | 3.34 | 33.0 | 3.40 | 32.7 | 3.50 |
| 25                      | 36.9                         | 3.20 | 36.5 | 3.32 | 36.2 | 3.42 | 36.0 | 3.48 | 35.8 | 3.54 | 35.5 | 3.64 |
| 30                      | 39.9                         | 3.34 | 39.5 | 3.47 | 39.1 | 3.56 | 38.9 | 3.63 | 38.7 | 3.70 | 35.4 | 3.38 |
| 35                      | 46.4                         | 3.90 | 45.9 | 4.05 | 46.1 | 4.12 | 41.8 | 3.77 | 41.6 | 3.84 | 41.2 | 3.95 |
| 40                      | 22.0                         | 1.42 | 21.8 | 1.47 | 21.6 | 1.51 | 21.5 | 1.54 | 21.4 | 1.57 | 21.2 | 1.61 |
| 45                      | 23.9                         | 1.43 | 23.6 | 1.49 | 23.4 | 1.53 | 23.3 | 1.56 | 23.2 | 1.59 | 22.9 | 1.63 |
| 47                      | 24.6                         | 1.44 | 24.3 | 1.50 | 24.1 | 1.54 | 24.0 | 1.57 | 23.9 | 1.60 | 23.6 | 1.64 |
| 50                      | 25.8                         | 1.45 | 25.6 | 1.51 | 25.3 | 1.55 | 25.2 | 1.58 | 25.1 | 1.61 | 24.8 | 1.65 |
| 55                      | 27.8                         | 1.47 | 27.5 | 1.53 | 27.3 | 1.57 | 27.1 | 1.60 | 26.9 | 1.63 | 26.7 | 1.67 |
| 60                      | 29.8                         | 1.48 | 29.5 | 1.54 | 29.3 | 1.58 | 29.1 | 1.61 | 28.9 | 1.64 | 28.7 | 1.68 |
| 65                      | 32.1                         | 1.50 | 31.7 | 1.56 | 31.5 | 1.60 | 31.3 | 1.63 | 31.1 | 1.66 | 30.8 | 1.71 |

GZV9SA361CA\* + CAHEA3630\*3A\*, MBVK16CH\*X00A\*

| OUTDOOR AIR TEMPERATURE | INDOOR AIR TEMPERATURE, °FDB |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|
|                         | 61                           |      | 65   |      | 68   |      | 70   |      | 72   |      | 75   |      |
|                         | TC                           | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   |
| °FDB                    | MBH                          | kW   | MBH  | kW   | MBH  | kW   | MBH  | kW   | MBH  | kW   | MBH  | kW   |
| -10                     | 19.4                         | 2.58 | 19.2 | 2.68 | 19.0 | 2.76 | 18.9 | 2.81 | 18.8 | 2.86 | 18.6 | 2.94 |
| -5                      | 27.3                         | 3.33 | 27.0 | 3.46 | 26.8 | 3.55 | 26.6 | 3.62 | 26.4 | 3.69 | 26.2 | 3.79 |
| 0                       | 32.0                         | 3.66 | 31.6 | 3.80 | 31.4 | 3.91 | 31.2 | 3.98 | 31.0 | 4.05 | 30.7 | 4.16 |
| 5                       | 34.8                         | 3.82 | 34.4 | 3.97 | 34.1 | 4.08 | 34.2 | 4.18 | 33.7 | 4.23 | 33.4 | 4.35 |
| 10                      | 39.3                         | 3.99 | 38.8 | 4.14 | 38.5 | 4.26 | 38.3 | 4.34 | 38.1 | 4.42 | 37.7 | 4.54 |
| 15                      | 42.7                         | 4.14 | 42.3 | 4.30 | 41.9 | 4.42 | 41.7 | 4.50 | 41.5 | 4.58 | 41.1 | 4.71 |
| 17                      | 44.3                         | 4.20 | 43.8 | 4.36 | 43.5 | 4.49 | 43.2 | 4.57 | 42.9 | 4.65 | 42.5 | 4.78 |
| 20                      | 46.6                         | 4.30 | 46.1 | 4.47 | 45.8 | 4.59 | 45.5 | 4.68 | 45.2 | 4.77 | 43.7 | 4.55 |
| 25                      | 51.8                         | 4.80 | 51.2 | 4.98 | 50.8 | 5.12 | 49.3 | 4.85 | 49.0 | 4.94 | 48.6 | 5.08 |
| 30                      | 55.9                         | 4.99 | 54.0 | 4.81 | 53.5 | 4.95 | 53.2 | 5.04 | 49.0 | 4.68 | 48.6 | 4.81 |
| 35                      | 63.4                         | 5.27 | 62.7 | 5.47 | 57.6 | 5.13 | 57.3 | 5.22 | 57.0 | 5.32 | 56.4 | 5.46 |
| 40                      | 32.1                         | 2.09 | 31.7 | 2.17 | 31.5 | 2.23 | 31.3 | 2.27 | 31.1 | 2.31 | 30.8 | 2.38 |
| 45                      | 34.6                         | 2.11 | 34.3 | 2.20 | 34.0 | 2.26 | 33.8 | 2.30 | 33.6 | 2.34 | 33.3 | 2.41 |
| 47                      | 35.1                         | 2.12 | 34.7 | 2.21 | 34.4 | 2.27 | 34.2 | 2.31 | 34.0 | 2.35 | 33.7 | 2.42 |
| 50                      | 37.4                         | 2.14 | 37.0 | 2.22 | 36.7 | 2.29 | 36.5 | 2.33 | 36.3 | 2.37 | 35.9 | 2.44 |
| 55                      | 40.3                         | 2.16 | 39.9 | 2.24 | 39.5 | 2.31 | 39.3 | 2.35 | 39.1 | 2.39 | 38.7 | 2.46 |
| 60                      | 43.3                         | 2.18 | 42.8 | 2.26 | 42.4 | 2.33 | 42.2 | 2.37 | 42.0 | 2.41 | 41.6 | 2.48 |
| 65                      | 46.3                         | 2.19 | 45.8 | 2.27 | 45.5 | 2.34 | 45.2 | 2.38 | 44.9 | 2.42 | 44.5 | 2.49 |

**EXPANDED HEATING DATA-AT VARIOUS INDOOR TEMPERATURES-BOOST MODE OPERATION**

**GZV9SA241CA\* + CAHEA3630\*3A\*, MBVK16CH\*X00A\***

| OUTDOOR AIR TEMPERATURE | INDOOR AIR TEMPERATURE, °FDB |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|
|                         | 61                           |      | 65   |      | 68   |      | 70   |      | 72   |      | 75   |      |
|                         | TC                           | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   |
| °FDB                    | MBH                          | kW   | MBH  | kW   | MBH  | kW   | MBH  | kW   | MBH  | kW   | MBH  | kW   |
| 35 or lower             | Same as normal heating mode  |      |      |      |      |      |      |      |      |      |      |      |
| 40                      | 42.8                         | 3.35 | 41.7 | 3.05 | 41.3 | 3.13 | 41.1 | 3.19 | 40.9 | 3.25 | 40.5 | 3.34 |
| 45                      | 45.4                         | 3.00 | 44.9 | 3.11 | 44.6 | 3.20 | 44.3 | 3.26 | 40.5 | 2.92 | 40.1 | 3.00 |
| 47                      | 51.1                         | 3.45 | 50.5 | 3.59 | 50.1 | 3.69 | 45.6 | 3.28 | 45.5 | 3.35 | 45.1 | 3.44 |
| 50                      | 53.1                         | 3.50 | 52.6 | 3.64 | 47.9 | 3.26 | 47.6 | 3.32 | 47.3 | 3.38 | 46.9 | 3.47 |
| 55                      | 52.5                         | 3.11 | 51.9 | 3.23 | 51.5 | 3.32 | 51.2 | 3.38 | 50.9 | 3.44 | 47.8 | 3.24 |
| 60                      | 56.3                         | 3.23 | 55.7 | 3.35 | 52.4 | 3.14 | 52.1 | 3.20 | 51.8 | 3.26 | 51.3 | 3.35 |
| 65                      | 60.3                         | 3.28 | 56.6 | 3.09 | 56.1 | 3.18 | 55.8 | 3.24 | 53.8 | 3.12 | 50.3 | 2.89 |

**GZV9SA361CA\* + CAHEA3630\*3A\*, MBVK16CH\*X00A\***

| OUTDOOR AIR TEMPERATURE | INDOOR AIR TEMPERATURE, °FDB |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|
|                         | 61                           |      | 65   |      | 68   |      | 70   |      | 72   |      | 75   |      |
|                         | TC                           | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   |
| °FDB                    | MBH                          | kW   | MBH  | kW   | MBH  | kW   | MBH  | kW   | MBH  | kW   | MBH  | kW   |
| 35 or lower             | Same as normal heating mode  |      |      |      |      |      |      |      |      |      |      |      |
| 40                      | 53.5                         | 4.14 | 52.9 | 4.30 | 52.5 | 4.42 | 52.2 | 4.50 | 51.9 | 4.58 | 51.4 | 4.71 |
| 45                      | 57.4                         | 4.28 | 56.8 | 4.44 | 56.3 | 4.57 | 56.0 | 4.65 | 51.9 | 4.23 | 51.4 | 4.34 |
| 47                      | 63.7                         | 4.89 | 63.0 | 5.07 | 58.2 | 4.65 | 57.7 | 4.72 | 57.5 | 4.82 | 57.0 | 4.95 |
| 50                      | 66.3                         | 4.98 | 61.1 | 4.59 | 60.5 | 4.72 | 60.2 | 4.81 | 59.8 | 4.90 | 59.3 | 5.03 |
| 55                      | 66.1                         | 4.58 | 65.4 | 4.76 | 64.9 | 4.89 | 64.5 | 4.98 | 60.9 | 4.64 | 60.3 | 4.77 |
| 60                      | 70.9                         | 4.76 | 70.1 | 4.94 | 66.0 | 4.62 | 65.6 | 4.71 | 65.2 | 4.80 | 64.6 | 4.93 |
| 65                      | 71.9                         | 4.47 | 71.1 | 4.64 | 70.5 | 4.77 | 70.1 | 4.86 | 65.2 | 4.40 | 64.6 | 4.52 |

# EXPANDED HEATING DATA-AT VARIOUS INDOOR TEMPERATURES

GZV9SA4810A\* + AHVE60DP1300A\*

| OUTDOOR AIR TEMPERATURE | INDOOR AIR TEMPERATURE, °FDB |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|
|                         | 61                           |      | 65   |      | 68   |      | 70   |      | 72   |      | 75   |      |
|                         | TC                           | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   |
| °FDB                    | MBH                          | kW   | MBH  | kW   | MBH  | kW   | MBH  | kW   | MBH  | kW   | MBH  | kW   |
| -10                     | 33.1                         | 5.64 | 32.8 | 5.86 | 33.7 | 5.81 | 33.5 | 5.91 | 29.1 | 5.02 | 28.9 | 5.16 |
| -5                      | 36.3                         | 5.75 | 35.9 | 5.97 | 35.6 | 6.14 | 35.4 | 6.25 | 36.4 | 6.14 | 31.6 | 5.26 |
| 0                       | 40.3                         | 5.95 | 39.8 | 6.17 | 39.5 | 6.35 | 39.3 | 6.47 | 39.0 | 6.59 | 38.7 | 6.77 |
| 5                       | 44.7                         | 6.20 | 44.2 | 6.44 | 43.9 | 6.62 | 44.0 | 6.79 | 43.4 | 6.87 | 43.0 | 7.06 |
| 10                      | 46.5                         | 5.73 | 46.0 | 5.95 | 45.6 | 6.12 | 45.3 | 6.23 | 46.7 | 6.12 | 46.2 | 6.29 |
| 15                      | 51.2                         | 6.23 | 50.6 | 6.47 | 52.0 | 6.41 | 51.7 | 6.53 | 51.4 | 6.65 | 50.9 | 6.83 |
| 17                      | 53.1                         | 6.35 | 54.4 | 6.35 | 53.9 | 6.53 | 53.6 | 6.65 | 53.3 | 6.77 | 46.2 | 5.80 |
| 20                      | 55.9                         | 6.52 | 57.3 | 6.53 | 56.8 | 6.71 | 56.5 | 6.83 | 49.2 | 5.80 | 48.7 | 5.96 |
| 25                      | 66.6                         | 7.21 | 65.9 | 7.48 | 57.2 | 6.42 | 56.9 | 6.54 | 56.6 | 6.66 | 56.0 | 6.84 |
| 30                      | 71.7                         | 7.55 | 62.1 | 6.53 | 61.6 | 6.72 | 61.3 | 6.84 | 60.9 | 6.97 | 60.3 | 7.16 |
| 35                      | 67.4                         | 6.60 | 66.7 | 6.85 | 66.1 | 7.04 | 65.7 | 7.17 | 65.3 | 7.30 | 64.7 | 7.51 |
| 40                      | 45.3                         | 3.32 | 44.8 | 3.45 | 44.5 | 3.55 | 44.2 | 3.62 | 44.0 | 3.68 | 43.5 | 3.78 |
| 45                      | 47.4                         | 3.38 | 46.9 | 3.51 | 46.6 | 3.61 | 46.3 | 3.68 | 46.0 | 3.75 | 45.6 | 3.85 |
| 47                      | 49.2                         | 3.43 | 48.7 | 3.56 | 48.3 | 3.66 | 48.0 | 3.73 | 47.7 | 3.80 | 47.3 | 3.90 |
| 50                      | 52.5                         | 3.52 | 51.9 | 3.66 | 51.5 | 3.76 | 51.2 | 3.83 | 50.9 | 3.90 | 50.4 | 4.01 |
| 55                      | 58.6                         | 3.69 | 58.0 | 3.83 | 57.5 | 3.94 | 57.2 | 4.01 | 56.9 | 4.09 | 56.3 | 4.20 |
| 60                      | 64.3                         | 3.84 | 63.6 | 3.99 | 63.1 | 4.10 | 62.7 | 4.18 | 62.4 | 4.26 | 61.8 | 4.37 |
| 65                      | 67.8                         | 3.94 | 67.0 | 4.09 | 66.5 | 4.20 | 66.1 | 4.28 | 65.7 | 4.36 | 65.1 | 4.48 |

GZV9SA6010A\* + AHVE60DP1300A\*

| OUTDOOR AIR TEMPERATURE | INDOOR AIR TEMPERATURE, °FDB |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|
|                         | 61                           |      | 65   |      | 68   |      | 70   |      | 72   |      | 75   |      |
|                         | TC                           | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   |
| °FDB                    | MBH                          | kW   | MBH  | kW   | MBH  | kW   | MBH  | kW   | MBH  | kW   | MBH  | kW   |
| -10                     | 32.6                         | 5.16 | 30.3 | 4.94 | 28.1 | 4.66 | 26.0 | 4.32 | 25.9 | 4.40 | 23.8 | 4.12 |
| -5                      | 37.9                         | 5.71 | 35.3 | 5.46 | 33.0 | 5.17 | 30.7 | 4.83 | 30.5 | 4.92 | 28.1 | 4.60 |
| 0                       | 42.1                         | 5.91 | 41.6 | 6.13 | 41.3 | 6.31 | 38.6 | 5.91 | 36.1 | 5.55 | 35.8 | 5.70 |
| 5                       | 47.2                         | 6.20 | 46.7 | 6.44 | 46.3 | 6.62 | 47.0 | 7.25 | 45.7 | 6.87 | 45.3 | 7.05 |
| 10                      | 51.7                         | 6.45 | 51.2 | 6.70 | 50.8 | 6.89 | 50.5 | 7.02 | 50.2 | 7.15 | 49.7 | 7.35 |
| 15                      | 56.9                         | 6.77 | 56.3 | 7.03 | 55.8 | 7.23 | 55.5 | 7.36 | 55.2 | 7.50 | 51.4 | 7.09 |
| 17                      | 55.7                         | 6.36 | 55.1 | 6.60 | 54.7 | 6.79 | 54.3 | 6.92 | 54.0 | 7.04 | 50.3 | 6.66 |
| 20                      | 61.2                         | 7.09 | 60.6 | 7.37 | 60.1 | 7.57 | 56.2 | 7.10 | 55.8 | 7.23 | 55.3 | 7.43 |
| 25                      | 64.5                         | 7.40 | 63.8 | 7.68 | 59.6 | 7.27 | 59.2 | 7.41 | 58.9 | 7.54 | 54.9 | 7.14 |
| 30                      | 68.1                         | 7.69 | 67.4 | 7.99 | 66.8 | 8.22 | 62.5 | 7.71 | 62.1 | 7.85 | 61.6 | 8.07 |
| 35                      | 73.1                         | 8.00 | 68.0 | 7.66 | 67.4 | 7.87 | 67.1 | 8.02 | 66.7 | 8.17 | 61.8 | 7.69 |
| 40                      | 51.0                         | 3.88 | 50.4 | 4.03 | 50.0 | 4.15 | 49.7 | 4.22 | 49.4 | 4.30 | 49.0 | 4.42 |
| 45                      | 53.4                         | 3.95 | 52.8 | 4.10 | 52.4 | 4.22 | 52.1 | 4.30 | 51.8 | 4.38 | 51.3 | 4.50 |
| 47                      | 55.4                         | 4.01 | 54.8 | 4.16 | 54.3 | 4.28 | 54.0 | 4.36 | 53.7 | 4.44 | 53.2 | 4.56 |
| 50                      | 59.0                         | 4.11 | 58.4 | 4.27 | 57.9 | 4.39 | 57.6 | 4.47 | 57.2 | 4.56 | 56.7 | 4.68 |
| 55                      | 66.0                         | 4.31 | 65.3 | 4.48 | 64.7 | 4.60 | 64.4 | 4.69 | 64.0 | 4.77 | 63.4 | 4.91 |
| 60                      | 72.3                         | 4.49 | 71.6 | 4.66 | 71.0 | 4.80 | 70.6 | 4.88 | 70.2 | 4.97 | 69.5 | 5.11 |
| 65                      | 76.2                         | 4.60 | 75.4 | 4.78 | 74.8 | 4.91 | 74.4 | 5.00 | 73.9 | 5.10 | 73.2 | 5.23 |

**EXPANDED HEATING DATA-AT VARIOUS INDOOR TEMPERATURES-BOOST MODE OPERATION**

**GZV9SA4810A\* + AHVE60DP1300A\***

| OUTDOOR AIR TEMPERATURE | INDOOR AIR TEMPERATURE, °FDB |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|
|                         | 61                           |      | 65   |      | 68   |      | 70   |      | 72   |      | 75   |      |
|                         | TC                           | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   |
| °FDB                    | MBH                          | kW   | MBH  | kW   | MBH  | kW   | MBH  | kW   | MBH  | kW   | MBH  | kW   |
| 35 or lower             | Same as normal heating mode  |      |      |      |      |      |      |      |      |      |      |      |
| 40                      | 74.1                         | 7.42 | 73.3 | 7.71 | 68.7 | 7.19 | 68.3 | 7.33 | 67.9 | 7.46 | 67.3 | 7.67 |
| 45                      | 75.0                         | 7.03 | 74.2 | 7.30 | 73.6 | 7.50 | 68.8 | 6.86 | 68.4 | 6.98 | 67.7 | 7.17 |
| 47                      | 77.1                         | 7.16 | 76.3 | 7.43 | 71.2 | 6.84 | 70.6 | 6.96 | 70.3 | 7.10 | 69.7 | 7.29 |
| 50                      | 80.6                         | 7.38 | 75.0 | 6.84 | 74.3 | 7.03 | 73.9 | 7.16 | 73.5 | 7.29 | 72.8 | 7.49 |
| 55                      | 81.9                         | 6.93 | 75.7 | 6.32 | 75.1 | 6.50 | 74.6 | 6.62 | 74.2 | 6.74 | 73.5 | 6.92 |
| 60                      | 83.3                         | 6.40 | 82.4 | 6.65 | 81.7 | 6.84 | 81.2 | 6.96 | 75.1 | 6.16 | 74.4 | 6.33 |
| 65                      | 91.2                         | 6.79 | 90.3 | 7.05 | 83.2 | 6.24 | 82.7 | 6.36 | 74.5 | 5.36 | 73.8 | 5.51 |

**GZV9SA6010A\* + AHVE60DP1300A\***

| OUTDOOR AIR TEMPERATURE | INDOOR AIR TEMPERATURE, °FDB |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|
|                         | 61                           |      | 65   |      | 68   |      | 70   |      | 72   |      | 75   |      |
|                         | TC                           | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   |
| °FDB                    | MBH                          | kW   | MBH  | kW   | MBH  | kW   | MBH  | kW   | MBH  | kW   | MBH  | kW   |
| 35 or lower             | Same as normal heating mode  |      |      |      |      |      |      |      |      |      |      |      |
| 40                      | 75.7                         | 6.97 | 74.9 | 7.23 | 74.3 | 7.44 | 73.8 | 7.58 | 73.4 | 7.72 | 68.9 | 7.26 |
| 45                      | 81.1                         | 7.29 | 80.2 | 7.57 | 79.6 | 7.79 | 74.8 | 7.22 | 74.4 | 7.35 | 73.7 | 7.56 |
| 47                      | 83.4                         | 7.44 | 82.5 | 7.73 | 77.4 | 7.22 | 76.8 | 7.33 | 76.5 | 7.49 | 75.8 | 7.69 |
| 50                      | 84.9                         | 7.30 | 79.4 | 6.87 | 78.8 | 7.06 | 78.3 | 7.19 | 77.9 | 7.32 | 72.6 | 6.75 |
| 55                      | 89.2                         | 7.34 | 83.0 | 6.80 | 82.3 | 6.99 | 81.8 | 7.12 | 81.3 | 7.25 | 75.3 | 6.57 |
| 60                      | 91.3                         | 6.91 | 90.3 | 7.18 | 89.6 | 7.38 | 83.1 | 6.57 | 82.7 | 6.69 | 81.9 | 6.87 |
| 65                      | 100.1                        | 7.35 | 92.4 | 6.61 | 91.6 | 6.79 | 91.1 | 6.92 | 90.6 | 7.05 | 83.5 | 6.25 |



| <b>GZV9SA241CA* / CAHEA3630*3A*, MBVK16CH*X00A*</b><br><b>DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 10-12°F</b><br><b>AT 100% DEMAND</b> |                |                   |                 |                |
|-----------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------|-----------------|----------------|
| OUTDOOR<br>TEMP °F                                                                                                                      | TOTAL<br>BTU/H | SENSIBLE<br>BTU/H | LATENT<br>BTU/H | TOTAL<br>WATTS |
| 75°                                                                                                                                     | 26,100         | 19,600            | 6,500           | 1,470          |
| 80°                                                                                                                                     | 25,700         | 19,700            | 6,000           | 1,600          |
| 85°                                                                                                                                     | 25,300         | 19,700            | 5,600           | 1,710          |
| 90°                                                                                                                                     | 24,700         | 19,500            | 5,200           | 1,800          |
| <b>95°</b>                                                                                                                              | <b>24,000</b>  | <b>19,200</b>     | <b>4,800</b>    | <b>1,970</b>   |
| 100°                                                                                                                                    | 23,200         | 18,800            | 4,400           | 2,100          |
| 105°                                                                                                                                    | 22,400         | 18,400            | 4,000           | 2,280          |
| 110°                                                                                                                                    | 21,700         | 18,400            | 3,300           | 2,500          |
| 115°                                                                                                                                    | 21,000         | 18,300            | 2,700           | 2,640          |
| TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB                                                                                           |                |                   |                 |                |
| <b>95°</b>                                                                                                                              | <b>23,100</b>  | <b>18,700</b>     | <b>4,400</b>    | <b>1,970</b>   |

| <b>GZV9SA241CA* / CAHEA3630*3A*, MBVK16CH*X00A*</b><br><b>DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 10-12°F</b><br><b>IN BOOST MODE</b> |                |                   |                 |                |
|----------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------|-----------------|----------------|
| OUTDOOR<br>TEMP °F                                                                                                                     | TOTAL<br>BTU/H | SENSIBLE<br>BTU/H | LATENT<br>BTU/H | TOTAL<br>WATTS |
| 75°                                                                                                                                    | 26,100         | 19,600            | 6,500           | 1,470          |
| 80°                                                                                                                                    | 25,700         | 19,700            | 6,000           | 1,600          |
| 85°                                                                                                                                    | 25,300         | 19,700            | 5,600           | 1,710          |
| 90°                                                                                                                                    | 24,700         | 19,500            | 5,200           | 1,800          |
| <b>95°</b>                                                                                                                             | <b>24,000</b>  | <b>19,200</b>     | <b>4,800</b>    | <b>1,970</b>   |
| 100°                                                                                                                                   | 23,200         | 18,800            | 4,400           | 2,100          |
| 105°                                                                                                                                   | 22,400         | 18,400            | 4,000           | 2,280          |
| 110°                                                                                                                                   | 21,700         | 18,400            | 3,300           | 2,500          |
| 115°                                                                                                                                   | 21,000         | 18,300            | 2,700           | 2,640          |
| TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB                                                                                          |                |                   |                 |                |
| <b>95°</b>                                                                                                                             | <b>23,100</b>  | <b>18,700</b>     | <b>4,400</b>    | <b>1,970</b>   |

| <b>GZV9SA361CA* / CAHEA3630*3A*, MBVK16CH*X00A*</b><br><b>DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 10-12°F</b><br><b>AT 100% DEMAND</b> |                |                   |                 |                |
|-----------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------|-----------------|----------------|
| OUTDOOR<br>TEMP °F                                                                                                                      | TOTAL<br>BTU/H | SENSIBLE<br>BTU/H | LATENT<br>BTU/H | TOTAL<br>WATTS |
| 75°                                                                                                                                     | 38,100         | 30,100            | 8,000           | 2,200          |
| 80°                                                                                                                                     | 37,300         | 29,800            | 7,500           | 2,400          |
| 85°                                                                                                                                     | 36,400         | 29,500            | 6,900           | 2,510          |
| 90°                                                                                                                                     | 35,300         | 28,800            | 6,500           | 2,700          |
| <b>95°</b>                                                                                                                              | <b>34,200</b>  | <b>28,000</b>     | <b>6,200</b>    | <b>2,850</b>   |
| 100°                                                                                                                                    | 32,900         | 27,100            | 5,800           | 3,000          |
| 105°                                                                                                                                    | 31,600         | 26,200            | 5,400           | 3,240          |
| 110°                                                                                                                                    | 30,400         | 25,700            | 4,700           | 3,500          |
| 115°                                                                                                                                    | 29,200         | 25,100            | 4,100           | 3,700          |
| TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB                                                                                           |                |                   |                 |                |
| <b>95°</b>                                                                                                                              | <b>32,900</b>  | <b>27,300</b>     | <b>5,600</b>    | <b>2,860</b>   |

| <b>GZV9SA361CA* / CAHEA3630*3A*, MBVK16CH*X00A*</b><br><b>DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 10-12°F</b><br><b>IN BOOST MODE</b> |                |                   |                 |                |
|----------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------|-----------------|----------------|
| OUTDOOR<br>TEMP °F                                                                                                                     | TOTAL<br>BTU/H | SENSIBLE<br>BTU/H | LATENT<br>BTU/H | TOTAL<br>WATTS |
| 75°                                                                                                                                    | 41,000         | 31,200            | 9,800           | 2,200          |
| 80°                                                                                                                                    | 40,200         | 30,900            | 9,300           | 2,300          |
| 85°                                                                                                                                    | 39,200         | 30,400            | 8,800           | 2,500          |
| 90°                                                                                                                                    | 38,000         | 29,600            | 8,400           | 2,600          |
| <b>95°</b>                                                                                                                             | <b>36,000</b>  | <b>28,800</b>     | <b>7,900</b>    | <b>3,000</b>   |
| 100°                                                                                                                                   | 35,400         | 28,400            | 7,000           | 3,400          |
| 105°                                                                                                                                   | 34,000         | 26,800            | 7,200           | 3,100          |
| 110°                                                                                                                                   | 32,600         | 26,200            | 6,400           | 3,400          |
| 115°                                                                                                                                   | 31,500         | 26,000            | 5,500           | 3,600          |
| TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB                                                                                          |                |                   |                 |                |
| <b>95°</b>                                                                                                                             | <b>35,400</b>  | <b>28,000</b>     | <b>7,400</b>    | <b>2,800</b>   |

PERFORMANCE DATA FOR STANDARD OPERATING MODEM (CONT.)

| GZV9SA4810A* / AHVE60DP1300A*                    |                |                   |                 |                |
|--------------------------------------------------|----------------|-------------------|-----------------|----------------|
| DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 10-12°F |                |                   |                 |                |
| AT 100% DEMAND                                   |                |                   |                 |                |
| OUTDOOR<br>TEMP °F                               | TOTAL<br>BTU/H | SENSIBLE<br>BTU/H | LATENT<br>BTU/H | TOTAL<br>WATTS |
| 75°                                              | 48,200         | 34,700            | 13,500          | 3,090          |
| 80°                                              | 47,900         | 34,500            | 13,400          | 3,290          |
| 85°                                              | 47,500         | 34,700            | 12,800          | 3,490          |
| 90°                                              | 46,800         | 34,200            | 12,600          | 3,710          |
| <b>95°</b>                                       | <b>46,000</b>  | <b>33,100</b>     | <b>12,900</b>   | <b>3,930</b>   |
| 100°                                             | 45,200         | 32,500            | 12,700          | 4,370          |
| 105°                                             | 44,300         | 31,900            | 12,400          | 4,810          |
| 110°                                             | 43,500         | 32,200            | 11,300          | 4,990          |
| 115°                                             | 42,600         | 31,500            | 11,100          | 5,160          |
| TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB    |                |                   |                 |                |
| <b>95°</b>                                       | <b>44,300</b>  | <b>32,300</b>     | <b>12,000</b>   | <b>3,940</b>   |

| GZV9SA4810A* / AHVE60DP1300A*                    |                |                   |                 |                |
|--------------------------------------------------|----------------|-------------------|-----------------|----------------|
| DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 10-12°F |                |                   |                 |                |
| IN BOOST MODE                                    |                |                   |                 |                |
| OUTDOOR<br>TEMP °F                               | TOTAL<br>BTU/H | SENSIBLE<br>BTU/H | LATENT<br>BTU/H | TOTAL<br>WATTS |
| 75°                                              | 61,000         | 41,200            | 19,800          | 4,460          |
| 80°                                              | 59,800         | 40,400            | 19,400          | 4,720          |
| 85°                                              | 58,600         | 40,000            | 18,600          | 4,980          |
| 90°                                              | 54,300         | 37,100            | 17,200          | 5,260          |
| <b>95°</b>                                       | <b>50,000</b>  | <b>34,600</b>     | <b>15,400</b>   | <b>5,530</b>   |
| 100°                                             | 48,800         | 33,700            | 15,100          | 5,840          |
| 105°                                             | 47,500         | 33,300            | 14,200          | 6,150          |
| 110°                                             | 45,900         | 33,900            | 12,000          | 5,220          |
| 115°                                             | 44,500         | 31,200            | 13,300          | 5,490          |
| TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB    |                |                   |                 |                |
| <b>95°</b>                                       | <b>46,500</b>  | <b>33,600</b>     | <b>12,900</b>   | <b>5,440</b>   |

| GZV9SA6010A* / AHVE60DP1300A*                    |                |                   |                 |                |
|--------------------------------------------------|----------------|-------------------|-----------------|----------------|
| DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 10-12°F |                |                   |                 |                |
| AT 100% DEMAND                                   |                |                   |                 |                |
| OUTDOOR<br>TEMP °F                               | TOTAL<br>BTU/H | SENSIBLE<br>BTU/H | LATENT<br>BTU/H | TOTAL<br>WATTS |
| 75°                                              | 54,500         | 37,600            | 16,900          | 4,180          |
| 80°                                              | 54,100         | 37,900            | 16,200          | 4,400          |
| 85°                                              | 53,700         | 38,100            | 15,600          | 4,670          |
| 90°                                              | 53,600         | 37,800            | 15,800          | 5,000          |
| <b>95°</b>                                       | <b>54,000</b>  | <b>38,880</b>     | <b>15,100</b>   | <b>5,310</b>   |
| 100°                                             | 51,000         | 37,300            | 13,700          | 5,500          |
| 105°                                             | 49,500         | 36,200            | 13,300          | 5,770          |
| 110°                                             | 47,500         | 34,600            | 12,900          | 6,300          |
| 115°                                             | 45,500         | 36,800            | 8,700           | 5,200          |
| TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB    |                |                   |                 |                |
| <b>95°</b>                                       | <b>50,100</b>  | <b>36,600</b>     | <b>13,500</b>   | <b>5,210</b>   |

| GZV9SA6010A* / AHVE60DP1300A*                    |                |                   |                 |                |
|--------------------------------------------------|----------------|-------------------|-----------------|----------------|
| DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 10-12°F |                |                   |                 |                |
| IN BOOST MODE                                    |                |                   |                 |                |
| OUTDOOR<br>TEMP °F                               | TOTAL<br>BTU/H | SENSIBLE<br>BTU/H | LATENT<br>BTU/H | TOTAL<br>WATTS |
| 75°                                              | 62,900         | 42,600            | 20,300          | 4,600          |
| 80°                                              | 62,600         | 43,000            | 19,600          | 4,900          |
| 85°                                              | 62,000         | 43,200            | 18,800          | 5,100          |
| 90°                                              | 61,100         | 43,100            | 18,000          | 5,400          |
| <b>95°</b>                                       | <b>60,000</b>  | <b>43,100</b>     | <b>16,900</b>   | <b>6,000</b>   |
| 100°                                             | 58,600         | 43,700            | 14,900          | 6,700          |
| 105°                                             | 57,200         | 41,700            | 15,500          | 6,400          |
| 110°                                             | 53,600         | 40,400            | 13,200          | 6,300          |
| 115°                                             | 45,500         | 36,800            | 8,700           | 5,200          |
| TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB    |                |                   |                 |                |
| <b>95°</b>                                       | <b>57,800</b>  | <b>41,700</b>     | <b>16,100</b>   | <b>5,700</b>   |

| NORMAL MODE - COOLING |                                  | SOUND POWER LEVEL <sup>1</sup>                    |      |      |      |      |      |      |
|-----------------------|----------------------------------|---------------------------------------------------|------|------|------|------|------|------|
| TONNAGE               | TOTAL UNIT<br>SOUND RATING (dBA) | OCTAVE BAND SPECTRUM FREQUENCY (Hz) ANALYSIS (dB) |      |      |      |      |      |      |
|                       |                                  | 125                                               | 250  | 500  | 1000 | 2000 | 4000 | 8000 |
| 2-ton                 | 71                               | 71.8                                              | 70.9 | 70.4 | 65.6 | 60.4 | 51.5 | 43.7 |
| 3-ton                 | 71                               | 71.8                                              | 71.7 | 70.2 | 65.7 | 60.5 | 51.7 | 44.6 |
| 4-ton                 | 77                               | 77.6                                              | 76.0 | 76.2 | 71.7 | 67.1 | 58.7 | 53.9 |
| 5-ton                 | 77                               | 77.6                                              | 76.0 | 76.2 | 71.7 | 67.1 | 58.7 | 53.9 |

<sup>1</sup>Compliant with AHRI 270.<sup>2</sup>Compliant with AHRI 220.

| NORMAL MODE - HEATING |                                  | SOUND POWER LEVEL <sup>1</sup>                    |      |      |      |      |      |      |
|-----------------------|----------------------------------|---------------------------------------------------|------|------|------|------|------|------|
| TONNAGE               | TOTAL UNIT<br>SOUND RATING (dBA) | OCTAVE BAND SPECTRUM FREQUENCY (Hz) ANALYSIS (dB) |      |      |      |      |      |      |
|                       |                                  | 125                                               | 250  | 500  | 1000 | 2000 | 4000 | 8000 |
| 2-ton                 | 75                               | 76.1                                              | 76.7 | 73.8 | 69.1 | 63.8 | 56.0 | 48.4 |
| 3-ton                 | 75                               | 76.1                                              | 76.7 | 73.8 | 69.1 | 63.8 | 56.1 | 49.0 |
| 4-ton                 | 75                               | 77.7                                              | 78.1 | 76.1 | 70.9 | 66.0 | 59.3 | 54.1 |
| 5-ton                 | 75                               | 77.7                                              | 78.1 | 76.1 | 70.9 | 66.0 | 59.3 | 54.1 |

<sup>1</sup>Compliant with AHRI 270.<sup>2</sup>Compliant with AHRI 220.

**QUIET MODE\_COOLING**

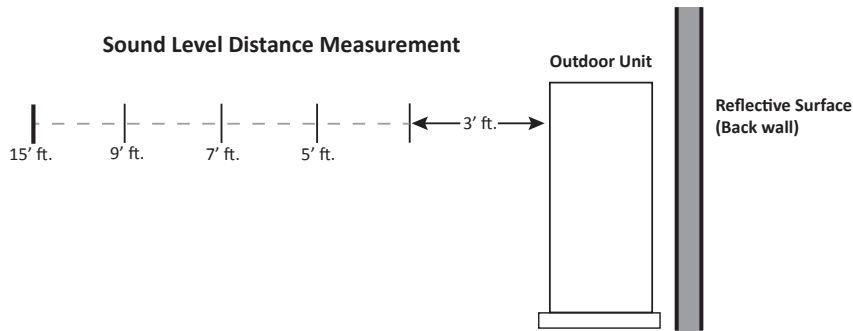
| TONNAGE | SOUND SUPPRESSION LEVEL | SOUND POWER LEVEL (dBA)1 | SOUND PRESSURE LEVEL (dBA)2 |
|---------|-------------------------|--------------------------|-----------------------------|
| 2-ton   | LV.1                    | 69                       | 53                          |
|         | LV.2                    | 66                       | 50                          |
|         | LV.3                    | 63                       | 45                          |
| 3-ton   | LV.1                    | 69                       | 53                          |
|         | LV.2                    | 66                       | 50                          |
|         | LV.3                    | 63                       | 45                          |
| 4-ton   | LV.1                    | 72                       | 56                          |
|         | LV.2                    | 69                       | 53                          |
|         | LV.3                    | 66                       | 45                          |
| 5-ton   | LV.1                    | 72                       | 56                          |
|         | LV.2                    | 69                       | 53                          |
|         | LV.3                    | 66                       | 45                          |

<sup>1</sup> Quiet Mode Sound Power and Sound Pressure levels determined at a distance of 3 [ft].

**QUIET MODE\_HEATING**

| TONNAGE | SOUND SUPPRESSION LEVEL | SOUND POWER LEVEL (dBA)1 | SOUND PRESSURE LEVEL (dBA)2 |
|---------|-------------------------|--------------------------|-----------------------------|
| 2-ton   | LV.1                    | 72                       | 56                          |
|         | LV.2                    | 69                       | 53                          |
|         | LV.3                    | 66                       | 45                          |
| 3-ton   | LV.1                    | 72                       | 56                          |
|         | LV.2                    | 69                       | 53                          |
|         | LV.3                    | 66                       | 45                          |
| 4-ton   | LV.1                    | 72                       | 56                          |
|         | LV.2                    | 69                       | 53                          |
|         | LV.3                    | 66                       | 45                          |
| 5-ton   | LV.1                    | 72                       | 56                          |
|         | LV.2                    | 69                       | 53                          |
|         | LV.3                    | 66                       | 45                          |

<sup>1</sup> Quiet Mode Sound Power and Sound Pressure levels determined at a distance of 3 [ft].



|         |                         | SOUND PRESSURE (dBA) COOLING MODE <sup>1</sup> |    |    |    |     |
|---------|-------------------------|------------------------------------------------|----|----|----|-----|
|         |                         | DISTANCE FROM PROPERTY LINE                    |    |    |    |     |
| TONNAGE | REFLECTIVE SURFACE QTY. | 3'                                             | 5' | 7' | 9' | 15' |
| 2.0 Ton | 0                       | 64                                             | 59 | 56 | 54 | 50  |
|         | 1                       | 67                                             | 62 | 59 | 57 | 53  |
|         | 2                       | 70                                             | 65 | 62 | 60 | 56  |
| 3.0 Ton | 0                       | 64                                             | 59 | 56 | 54 | 50  |
|         | 1                       | 67                                             | 62 | 59 | 57 | 53  |
|         | 2                       | 70                                             | 65 | 62 | 60 | 56  |
| 4.0 Ton | 0                       | 70                                             | 65 | 62 | 60 | 56  |
|         | 1                       | 73                                             | 68 | 65 | 63 | 59  |
|         | 2                       | 76                                             | 71 | 68 | 66 | 62  |
| 5.0 Ton | 0                       | 70                                             | 65 | 62 | 60 | 56  |
|         | 1                       | 73                                             | 68 | 65 | 63 | 59  |
|         | 2                       | 76                                             | 71 | 68 | 66 | 62  |

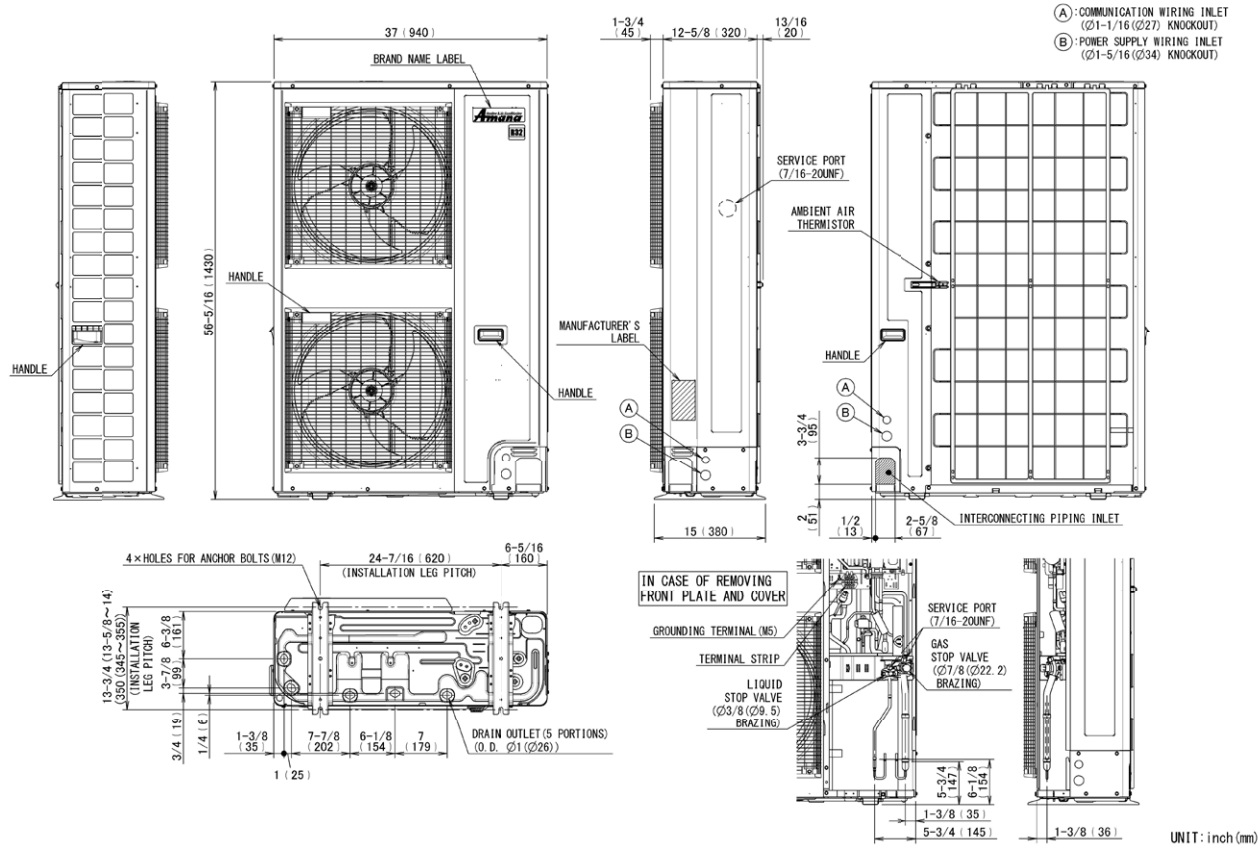
<sup>1</sup> Compliant with AHRI 275 utilizing standard mode, total sound levels

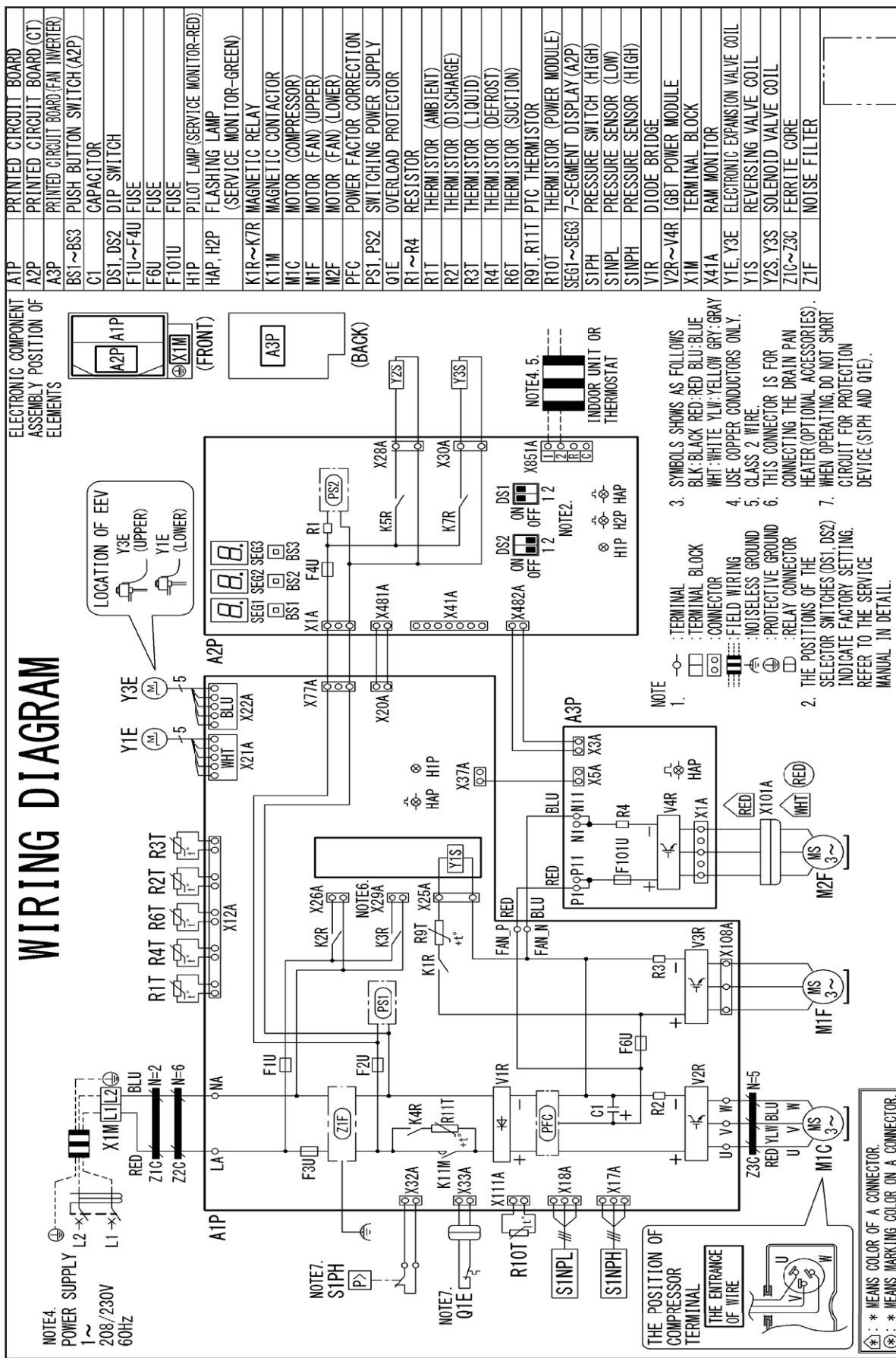
|         |                         | SOUND PRESSURE (dBA) HEATING MODE <sup>1</sup> |    |    |    |     |
|---------|-------------------------|------------------------------------------------|----|----|----|-----|
|         |                         | DISTANCE FROM PROPERTY LINE                    |    |    |    |     |
| TONNAGE | REFLECTIVE SURFACE QTY. | 3'                                             | 5' | 7' | 9' | 15' |
| 2.0 Ton | 0                       | 68                                             | 63 | 60 | 58 | 54  |
|         | 1                       | 71                                             | 66 | 63 | 61 | 57  |
|         | 2                       | 74                                             | 69 | 66 | 64 | 60  |
| 3.0 Ton | 0                       | 68                                             | 63 | 60 | 58 | 54  |
|         | 1                       | 71                                             | 66 | 63 | 61 | 57  |
|         | 2                       | 74                                             | 69 | 66 | 64 | 60  |
| 4.0 Ton | 0                       | 70                                             | 65 | 62 | 60 | 56  |
|         | 1                       | 73                                             | 68 | 65 | 63 | 59  |
|         | 2                       | 76                                             | 71 | 68 | 66 | 62  |
| 5.0 Ton | 0                       | 70                                             | 65 | 62 | 60 | 56  |
|         | 1                       | 73                                             | 68 | 65 | 63 | 59  |
|         | 2                       | 76                                             | 71 | 68 | 66 | 62  |

<sup>1</sup> Compliant with AHRI 275 utilizing standard mode, total sound levels

***ALL AHRI SYSTEM RATINGS ARE ACCESSIBLE IN THE UNITARY MATCHUP TOOL VIA  
DAIKIN CITY OR IN THE DAIKIN SYSTEM CONFIGURATOR TOOL VIA PARTNERLINK.***

| MODEL        | DIMENSIONS |                  |                   |
|--------------|------------|------------------|-------------------|
|              | W"         | D"               | H"                |
| GZV9SA241CA* | 37         | 12 $\frac{5}{8}$ | 56 $\frac{5}{16}$ |
| GZV9SA361CA* | 37         | 12 $\frac{5}{8}$ | 56 $\frac{5}{16}$ |
| GZV9SA4810A* | 37         | 12 $\frac{5}{8}$ | 56 $\frac{5}{16}$ |
| GZV9SA6010A* | 37         | 12 $\frac{5}{8}$ | 56 $\frac{5}{16}$ |





Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

**WARNING**

**High Voltage:** Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

| MODEL                   | DESCRIPTION                 | GZV9S<br>A241CA*   | GZV9S<br>A361CA*   | GZV9S<br>A4810A*   | GZV9S<br>A6010A*   |
|-------------------------|-----------------------------|--------------------|--------------------|--------------------|--------------------|
| KPW5G112                | Wind Baffle                 | X <sup>2</sup> (2) | X <sup>2</sup> (2) | X <sup>2</sup> (2) | X <sup>2</sup> (2) |
| 3K020967-2 <sup>1</sup> | Snow Guard Front            | X                  | X                  | X                  | X                  |
| 3P434587-5 <sup>1</sup> | Snow Guard Rear             | X                  | X                  | X                  | X                  |
| 3P434588-1 <sup>1</sup> | Snow Guard Side             | X                  | X                  | X                  | X                  |
| 0270R02063 (130-DK-017) | Hail Guard                  | X                  | X                  | X                  | X                  |
| KEH3P648291             | Drain Pan Heater            | X                  | X                  | X                  | X                  |
| DSEN-HAQA               | Daikin One Home Air Monitor | X                  | X                  | X                  | X                  |

<sup>1</sup> Product is manufactured at time of order. Lead time will be associated with purchase.

<sup>2</sup> Please ensure that 2 nos (KPW5G112) are ordered for each model when placing the order.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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