

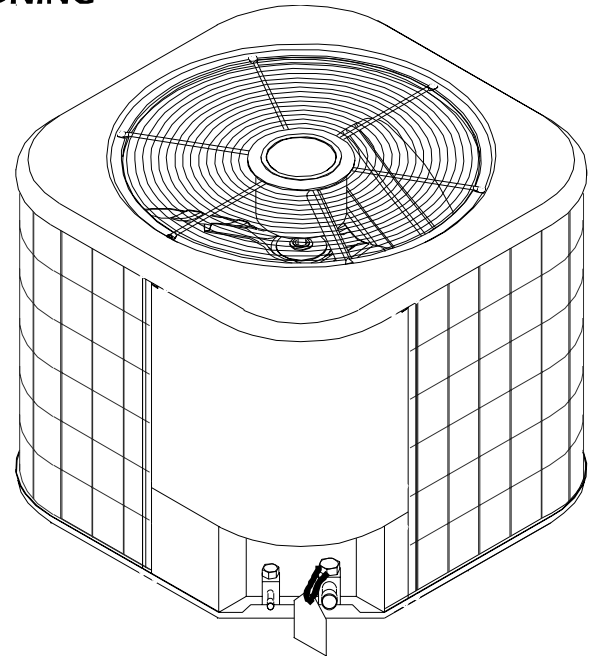
# XENON™

HEATING & AIR CONDITIONING

## XA10601A

### Remote Condensing Unit

### Specification Sheet



#### Standard Features

- Liquid Line Filter Drier (Shipped for field installation)
- Front Seating Valves
- Scroll Compressor
- 8-Pole Fan Motor

#### Accessories

- Low Ambient Kit (LAC02A) (See NOTE)
- Liquid Line Solenoid (LSK01A)
- Pressure Control Kit (PCK01A)  
Consists of:  
Automatic High Pressure Switch  
Automatic Low Pressure Switch  
Time Delay
- Anti-Short Cycle Kit (ASC01A)
- Freeze Protection Kit (FSK01A)  
(Installed on indoor coil)
- Crankcase Heater Kit (CCHK01A)

**NOTE:** The low ambient kit LAC02A is intended for use only in systems matched with TXV coils.

| Specifications                      |              |
|-------------------------------------|--------------|
| Cooling Capacity, BTUH (Nominal)    | 60,000       |
| Compressor                          |              |
| R.L. Amps                           | 26.6         |
| L.R. Amps                           | 170          |
| Condenser Fan Motor                 |              |
| Horsepower                          | 1/4          |
| R.L. Amps                           | 1.7          |
| L.R. Amps                           | 3.3          |
| Liquid Line, Inches O.D.            | 3/8          |
| Suction Line, Inches O.D.           | 1-1/8        |
| Refrigerant Charge (oz.)            | 123          |
| Design Subcooling Cooling Mode (°F) | 11.0         |
| Power Supply (volts)                | 230/208-60-1 |
| Min. Circuit Ampacity               | 35.0         |
| Max. Overcurrent Device (amps)      | 60           |
| Electric Conduit Size (in.)         |              |
| Power Supply                        | 1/2 or 3/4   |
| Low Voltage                         | 1/2          |
| Approximate Shipping Weight (lbs.)  | 206          |

**NOTE:** It is important to electrically connect the unit and properly size fuses/circuit breakers and wires in accordance with all national and/or local electrical codes. Use copper wire only.

*When mix-matching this unit with a restrictor orifice indoor coil, use either Aeroquip 0.092 diameter restrictor orifice B1443810 or Chatleff 0.092 diameter restrictor orifice 11076314.*

# Typical Cooling Performance Data



**CAUTION**

The installation must be adjusted to obtain a temperature rise within the range listed on the unit nameplate.

| XA10601A / CCA60F°C |         |         |                                           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------------|---------|---------|-------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                     |         |         | Outdoor Ambient Temperature (°F)          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                     |         |         | 65                                        |      |      |      | 75   |      |      |      | 85   |      |      |      | 95   |      |      |      | 105  |      |      |      | 115  |      |      |      |
|                     |         |         | Entering Indoor Wet Bulb Temperature (°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   |
| 70                  | 2250    | Delta T | 17                                        | 15   | 11   | -    | 17   | 15   | 11   | -    | 17   | 15   | 11   | -    | 17   | 15   | 11   | -    | 17   | 15   | 11   | -    | 16   | 14   | 10   | -    |
|                     |         | AMPS    | 20.6                                      | 21.1 | 21.8 | -    | 22.3 | 22.9 | 23.7 | -    | 24.3 | 24.9 | 25.8 | -    | 26.1 | 26.7 | 27.6 | -    | 27.8 | 28.5 | 29.5 | -    | 29.5 | 30.2 | 31.3 | -    |
|                     |         | HI PR   | 164                                       | 176  | 186  | -    | 184  | 198  | 209  | -    | 209  | 225  | 237  | -    | 238  | 256  | 270  | -    | 268  | 288  | 304  | -    | 296  | 318  | 336  | -    |
|                     |         | LO PR   | 58                                        | 62   | 68   | -    | 62   | 66   | 72   | -    | 64   | 68   | 74   | -    | 67   | 72   | 78   | -    | 71   | 75   | 82   | -    | 73   | 78   | 85   | -    |
|                     | 1900    | Delta T | 18                                        | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 17   | 15   | 11   | -    |
|                     |         | AMPS    | 20.4                                      | 20.9 | 21.6 | -    | 22.1 | 22.7 | 23.4 | -    | 24.1 | 24.7 | 25.6 | -    | 25.8 | 26.5 | 27.4 | -    | 27.5 | 28.2 | 29.2 | -    | 29.2 | 29.9 | 31.0 | -    |
|                     |         | HI PR   | 162                                       | 174  | 184  | -    | 182  | 196  | 207  | -    | 207  | 222  | 235  | -    | 235  | 253  | 268  | -    | 265  | 285  | 301  | -    | 293  | 315  | 333  | -    |
|                     |         | LO PR   | 58                                        | 61   | 67   | -    | 61   | 65   | 71   | -    | 63   | 68   | 74   | -    | 67   | 71   | 77   | -    | 70   | 74   | 81   | -    | 72   | 77   | 84   | -    |
|                     | 1750    | Delta T | 19                                        | 16   | 12   | -    | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    | 18   | 15   | 12   | -    |
|                     |         | AMPS    | 20.1                                      | 20.6 | 21.3 | -    | 21.8 | 22.3 | 23.1 | -    | 23.7 | 24.3 | 25.1 | -    | 25.4 | 26.0 | 26.9 | -    | 27.1 | 27.8 | 28.7 | -    | 28.7 | 29.5 | 30.5 | -    |
|                     |         | HI PR   | 159                                       | 171  | 181  | -    | 179  | 192  | 203  | -    | 203  | 219  | 231  | -    | 231  | 249  | 263  | -    | 260  | 280  | 296  | -    | 288  | 310  | 327  | -    |
|                     |         | LO PR   | 57                                        | 60   | 66   | -    | 60   | 64   | 70   | -    | 62   | 66   | 72   | -    | 66   | 70   | 76   | -    | 69   | 73   | 80   | -    | 71   | 76   | 82   | -    |
| 75                  | 2250    | Delta T | 19                                        | 18   | 15   | 10   | 20   | 18   | 15   | 10   | 20   | 18   | 15   | 10   | 20   | 18   | 15   | 10   | 20   | 18   | 15   | 10   | 18   | 17   | 14   | 9    |
|                     |         | AMPS    | 20.8                                      | 21.3 | 22.0 | 22.9 | 22.5 | 23.1 | 23.9 | 24.8 | 24.6 | 25.2 | 26.0 | 27.1 | 26.3 | 27.0 | 27.9 | 29.0 | 28.1 | 28.8 | 29.8 | 30.9 | 29.8 | 30.5 | 31.6 | 32.8 |
|                     |         | HI PR   | 165                                       | 178  | 188  | 196  | 185  | 200  | 211  | 220  | 211  | 227  | 240  | 250  | 240  | 259  | 273  | 285  | 270  | 291  | 307  | 320  | 299  | 321  | 339  | 354  |
|                     |         | LO PR   | 59                                        | 63   | 68   | 73   | 62   | 66   | 72   | 77   | 65   | 69   | 75   | 80   | 68   | 72   | 79   | 84   | 71   | 76   | 83   | 88   | 74   | 78   | 86   | 91   |
|                     | 1900    | Delta T | 21                                        | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 20   | 18   | 15   | 10   |
|                     |         | AMPS    | 20.6                                      | 21.1 | 21.8 | 22.7 | 22.3 | 22.9 | 23.7 | 24.6 | 24.3 | 24.9 | 25.8 | 26.8 | 26.1 | 26.7 | 27.6 | 28.7 | 27.8 | 28.5 | 29.5 | 30.6 | 29.5 | 30.2 | 31.3 | 32.5 |
|                     |         | HI PR   | 164                                       | 176  | 186  | 194  | 184  | 198  | 209  | 218  | 209  | 225  | 237  | 248  | 238  | 256  | 270  | 282  | 268  | 288  | 304  | 317  | 296  | 318  | 336  | 350  |
|                     |         | LO PR   | 58                                        | 62   | 68   | 72   | 62   | 66   | 72   | 76   | 64   | 68   | 74   | 79   | 67   | 72   | 78   | 83   | 71   | 75   | 82   | 87   | 73   | 78   | 85   | 90   |
|                     | 1750    | Delta T | 22                                        | 20   | 17   | 11   | 22   | 20   | 17   | 12   | 22   | 20   | 17   | 12   | 22   | 21   | 17   | 12   | 22   | 20   | 17   | 12   | 21   | 19   | 16   | 11   |
|                     |         | AMPS    | 20.3                                      | 20.8 | 21.5 | 22.3 | 22.0 | 22.5 | 23.3 | 24.2 | 23.9 | 24.5 | 25.4 | 26.4 | 25.6 | 26.3 | 27.2 | 28.2 | 27.3 | 28.0 | 29.0 | 30.1 | 29.0 | 29.7 | 30.8 | 32.0 |
|                     |         | HI PR   | 161                                       | 173  | 183  | 191  | 180  | 194  | 205  | 214  | 205  | 221  | 233  | 243  | 234  | 252  | 266  | 277  | 263  | 283  | 299  | 312  | 291  | 313  | 330  | 344  |
|                     |         | LO PR   | 57                                        | 61   | 67   | 71   | 61   | 65   | 70   | 75   | 63   | 67   | 73   | 78   | 66   | 70   | 77   | 82   | 69   | 74   | 81   | 86   | 72   | 76   | 83   | 89   |
| 80                  | 2250    | Delta T | 22                                        | 21   | 18   | 14   | 22   | 21   | 18   | 15   | 22   | 21   | 18   | 15   | 23   | 21   | 18   | 15   | 22   | 21   | 18   | 15   | 20   | 20   | 17   | 14   |
|                     |         | AMPS    | 21.0                                      | 21.5 | 22.2 | 23.1 | 22.8 | 23.3 | 24.1 | 25.1 | 24.8 | 25.4 | 26.3 | 27.3 | 26.6 | 27.2 | 28.2 | 29.3 | 28.3 | 29.0 | 30.0 | 31.2 | 30.1 | 30.8 | 31.9 | 33.1 |
|                     |         | HI PR   | 167                                       | 180  | 190  | 198  | 187  | 202  | 213  | 222  | 213  | 229  | 242  | 253  | 243  | 261  | 276  | 288  | 273  | 294  | 310  | 324  | 302  | 325  | 343  | 357  |
|                     |         | LO PR   | 60                                        | 63   | 69   | 74   | 63   | 67   | 73   | 78   | 65   | 70   | 76   | 81   | 69   | 73   | 80   | 85   | 72   | 77   | 84   | 89   | 74   | 79   | 86   | 92   |
|                     | 1900    | Delta T | 24                                        | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 22   | 21   | 19   | 15   |
|                     |         | AMPS    | 20.8                                      | 21.3 | 22.0 | 22.9 | 22.5 | 23.1 | 23.9 | 24.8 | 24.6 | 25.2 | 26.0 | 27.1 | 26.3 | 27.0 | 27.9 | 29.0 | 28.1 | 28.8 | 29.8 | 30.9 | 29.8 | 30.5 | 31.6 | 32.8 |
|                     |         | HI PR   | 165                                       | 178  | 188  | 196  | 185  | 200  | 211  | 220  | 211  | 227  | 240  | 250  | 240  | 259  | 273  | 285  | 270  | 291  | 307  | 320  | 299  | 321  | 339  | 354  |
|                     |         | LO PR   | 59                                        | 63   | 68   | 73   | 62   | 66   | 72   | 77   | 65   | 69   | 75   | 80   | 68   | 72   | 79   | 84   | 71   | 76   | 83   | 88   | 74   | 78   | 86   | 91   |
|                     | 1750    | Delta T | 24                                        | 23   | 20   | 16   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 16   | 23   | 22   | 19   | 15   |
|                     |         | AMPS    | 20.5                                      | 21.0 | 21.7 | 22.5 | 22.2 | 22.7 | 23.5 | 24.4 | 24.2 | 24.8 | 25.6 | 26.6 | 25.9 | 26.5 | 27.4 | 28.5 | 27.6 | 28.3 | 29.3 | 30.4 | 29.3 | 30.0 | 31.1 | 32.3 |
|                     |         | HI PR   | 162                                       | 175  | 185  | 193  | 182  | 196  | 207  | 216  | 207  | 223  | 236  | 246  | 236  | 254  | 268  | 280  | 266  | 286  | 302  | 315  | 294  | 316  | 334  | 348  |
|                     |         | LO PR   | 58                                        | 62   | 67   | 72   | 61   | 65   | 71   | 76   | 64   | 68   | 74   | 79   | 67   | 71   | 78   | 83   | 70   | 75   | 81   | 87   | 72   | 77   | 84   | 90   |

\*Entering Dry Bulb Temperature.

**NOTE:** Darker shaded area with white lettering is ARI rating conditions, (95° ambient, 80° IDB + 67° IWB).

Lighter shaded area with black lettering is ACCA rating conditions, (95° ambient, 75° IDB + 63° IWB).

All Pressures are PSIG. All temperatures are in °F.

Low and high pressure are measured at gauge port.

Amps are total unit amps at a rated voltage of 230 VAC.