

Outdoor Unit Multizone Heat Pump Ductless System

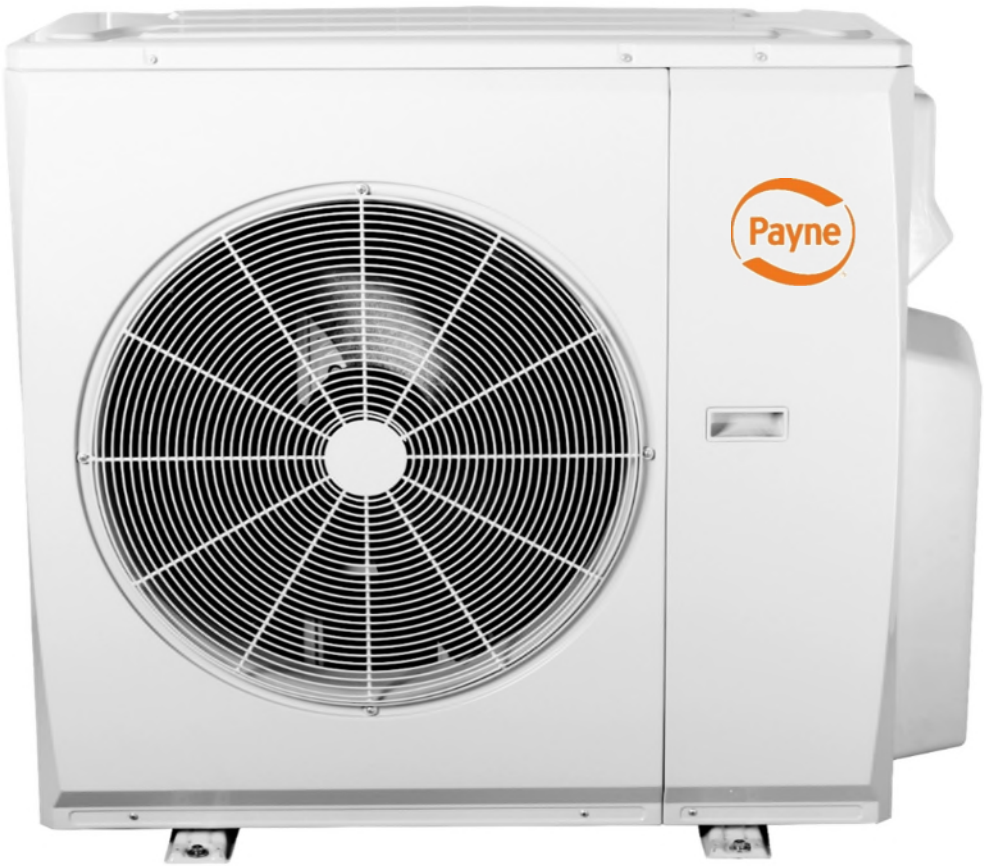
Outdoor Model: 37MGRAQ18CA3



Job Data:   
Tag #:

Location:

Carrier #: 37MGRAQ18CA3  
Date:



- STANDARD FEATURES**
- Multiple styles of indoor units
    - High Wall
    - 4-way Cassette
    - 1-way Cassette
    - Slim Ducted
    - Floor Console
    - Ceiling & Floor
    - Air Handler
  - Variable Speed (Inverter) Compressor
  - Basepan Heater factory installed
  - Quiet operation
  - Aluminum Hydrophilic pre-coated fins

**RESIDENTIAL APPLICATION LIMITED WARRANTY\***

• Ten (10) years if properly registered within ninety (90) days after original installation, parts are warranted to the original purchaser for a period of ten (10) years. Otherwise, parts warranty is five (5) years.

NOTE: Images for illustration purposes only. Actual models may be slightly different.

| Outdoor - Heat Pump |                                                      |          |                   |
|---------------------|------------------------------------------------------|----------|-------------------|
| Outdoor Model #     |                                                      |          | 37MGRAQ18CA3      |
| System              | Outdoor Size                                         |          | 18000             |
| Electrical          | Voltage, Phase, Cycle                                | V/Ph/Hz  | 208-230/1/60      |
|                     | MCA                                                  | A.       | 16                |
|                     | MOPA                                                 | A.       | 20                |
|                     | SCCR                                                 | kA       | 5                 |
| Operating Range     | Cooling Outdoor DB Min - Max                         | °F(°C)   | -13~122(-25~50)   |
|                     | Heating Outdoor DB Min - Max                         | °F(°C)   | -13~75(-25~24)    |
| Piping              | Total Piping Length                                  | ft (m)   | 196.9(60)         |
|                     | Std Piping Length                                    |          | 24.6 (7.5)        |
|                     | Piping Lift                                          | ft (m)   | 49.21(15)         |
|                     | Pipe Connection Size - Liquid                        | in (mm)  | 3x1/4in(3x6.35mm) |
|                     | Pipe Connection Size - Suction                       | in (mm)  | 3x3/8in(3x9.52mm) |
| Refrigerant         | Refrigerant Type                                     |          | R454B             |
|                     | Charge                                               | lbs (kg) | 3.86(1.75)        |
|                     | Add'l Refrigerant (between Std & Max Piping Lengths) | Oz/ft    | 0.16(15)          |
|                     |                                                      | (g/m)    |                   |
| Outdoor Coil        | Face Area                                            | Sq. Ft.  | 5.9               |
|                     | No. Rows                                             |          | 2                 |
|                     | Fins per inch                                        |          | 20                |
|                     | Circuits                                             |          | 6                 |
| Compressor          | Type                                                 |          | Twin-ROTARY       |
|                     | Model                                                |          | KTN150D30UFZA     |
|                     | Oil Type                                             |          | ESTER OIL         |
|                     | Oil Charge                                           | Fl. Oz.  | 15.22             |
| Airflow & Sound     | Rated Current                                        | RLA      | 8.1               |
|                     | Airflow                                              | CFM      | 1765.7            |
|                     | Sound Pressure                                       | dB(A)    | 59.5              |
| Dimensions          | Height                                               | in (mm)  | 26.5(673)         |
|                     | Width                                                | in (mm)  | 35.04(890)        |
|                     | Depth                                                | in (mm)  | 13.46(342)        |
|                     | Net Weight                                           | lbs (kg) | 100.53(45.6)      |
|                     | Shipping Height                                      | in (mm)  | 29.53(750)        |
|                     | Shipping Width                                       | in (mm)  | 40.55(1030)       |
|                     | Shipping Depth                                       | in (mm)  | 17.24(438)        |
| Shipping Net Weight |                                                      |          | 109.35(49.6)      |

\* Condensing unit above or below indoor unit

| Performance                             |       |            |  |
|-----------------------------------------|-------|------------|--|
| Ductless                                |       |            |  |
| Cooling Rated Capacity (DOE A2 - 95°F)  |       | 18000      |  |
| Cooling Capacity Range                  |       | 5400~21600 |  |
| SEER2                                   | Btu/h | 25.2       |  |
| EER2 (DOE A2 - 95°F)                    | Btu/h | 14         |  |
| Heating Rated Capacity (DOE H12 - 47°F) |       | 19000      |  |
| Heating Capacity Range                  |       | 5700~21600 |  |
| COP (DOE H12 - 47°F)                    | Btu/h | 3.8        |  |
| HSPF2 IV                                | Btu/h | 9.8        |  |
| HSPF2 V                                 | Btu/h | 7.8        |  |
| Cooling Rated Capacity (DOE B2 - 82°F)  | Btu/h | 19200      |  |
| EER2 (DOE B2 - 82°F)                    | Btu/h | 18         |  |
| Heating Rated Capacity (DOE H32 - 17°F) |       | 13600      |  |
| COP (DOE H32 - 17°F)                    | W/W   | 2.8        |  |
| Heating Maximum Capacity (17°F)         |       | 14000      |  |
| Heating Rated Capacity (ODE H42 - 5°F)  |       | 13500      |  |
| COP (DOE H42 - 5°F)                     |       | 2.3        |  |
| Heating Maximum Capacity_5              | Btu/h | 13500      |  |
| Cooling Capacity at 109 F (43°C)        | Btu/h | 18800      |  |
| Heating Capacity at -4F (-20°C)         | Btu/h | 10000      |  |
| Heating Capacity at -13F (-25°C)        | Btu/h | 7800       |  |
| Ducted                                  |       |            |  |
| Cooling Rated Capacity (DOE A2 - 95°F)  |       | 18000      |  |
| Cooling Capacity Range                  |       | 5400~24000 |  |
| SEER2                                   | Btu/h | 20         |  |
| EER2 (DOE A2 - 95°F)                    | Btu/h | 12         |  |
| Heating Rated Capacity (DOE H12 - 47°F) |       | 19000      |  |
| Heating Capacity Range                  |       | 5700~22000 |  |
| COP (DOE H12 - 47°F)                    | Btu/h | 3.8        |  |
| HSPF2 IV                                | Btu/h | 10         |  |
| HSPF2 V                                 | Btu/h | 7.8        |  |
| Cooling Rated Capacity (DOE B2 - 82°F)  | Btu/h | 19200      |  |
| EER2 (DOE B2 - 82°F)                    | Btu/h | 14         |  |
| Heating Rated Capacity (DOE H32 - 17°F) |       | 14600      |  |
| COP (DOE H32 - 17°F)                    | W/W   | 2.8        |  |
| Heating Maximum Capacity (17°F)         |       | 14600      |  |
| Heating Rated Capacity (ODE H42 - 5°F)  |       | 14600      |  |
| COP (DOE H42 - 5°F)                     |       | 2.3        |  |
| Heating Maximum Capacity_5              | Btu/h | 14600      |  |
| Cooling Capacity at 109 F (43°C)        | Btu/h | 18400      |  |
| Heating Capacity at -4F (-20°C)         | Btu/h | 10600      |  |
| Heating Capacity at -13F (-25°C)        | Btu/h | 8200       |  |
| Mixed                                   |       |            |  |
| Cooling Rated Capacity (DOE A2 - 95°F)  |       | 18000      |  |
| Cooling Capacity Range                  |       | 5400~22800 |  |
| SEER2                                   | Btu/h | 22.6       |  |
| EER2 (DOE A2 - 95°F)                    | Btu/h | 13         |  |
| Heating Rated Capacity (DOE H12 - 47°F) |       | 19000      |  |
| Heating Capacity Range                  |       | 5700~21800 |  |
| COP (DOE H12 - 47°F)                    | Btu/h | 3.8        |  |
| HSPF2 IV                                | Btu/h | 9.9        |  |
| HSPF2 V                                 | Btu/h | 7.8        |  |
| Cooling Rated Capacity (DOE B2 - 82°F)  | Btu/h | 19200      |  |
| EER2 (DOE B2 - 82°F)                    | Btu/h | 16         |  |
| Heating Rated Capacity (DOE H32 - 17°F) |       | 14100      |  |
| COP (DOE H32 - 17°F)                    | W/W   | 2.8        |  |
| Heating Maximum Capacity (17°F)         |       | 14300      |  |
| Heating Rated Capacity (ODE H42 - 5°F)  |       | 14000      |  |
| COP (DOE H42 - 5°F)                     |       | 2.3        |  |
| Heating Maximum Capacity_5              | Btu/h | 14050      |  |
| Cooling Capacity at 109 F (43°C)        | Btu/h | 18600      |  |
| Heating Capacity at -4F (-20°C)         | Btu/h | 10300      |  |
| Heating Capacity at -13F (-25°C)        | Btu/h | 8000       |  |



