

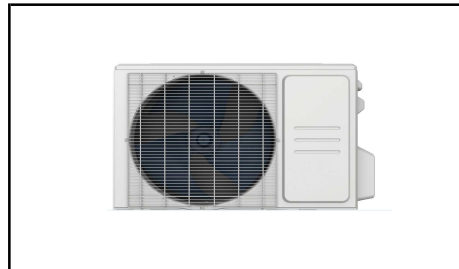


**Wells HVAC Supply**  
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Website: [www.wellshvacsupply.com](http://www.wellshvacsupply.com)

## SUBMITTAL DATA SHEET

| Multi Zone Heat Pump                                                              |                     |
|-----------------------------------------------------------------------------------|---------------------|
| Location: _____                                                                   | Approval: _____     |
| Engineer: _____                                                                   | Date: _____         |
| Submitted to: _____                                                               | Construction: _____ |
| Submitted by: _____                                                               | Unit #: _____       |
| Reference: _____                                                                  | Drawing #: _____    |
| Inquiry: <a href="mailto:sales@wellshvacsupply.com">sales@wellshvacsupply.com</a> |                     |

|                    |                     |
|--------------------|---------------------|
| <b>Set Code</b>    | 22022310003167      |
| Indoor unit code   | 22023011003874      |
| Outdoor unit code  | 22022316001345      |
| <b>Set Model</b>   |                     |
| Indoor unit model  | Ducted Indoor Units |
| Outdoor unit model | WMMA-18HFMO         |
| <b>Certified</b>   | AHRI                |
|                    | UL                  |
|                    | UL LISTED           |
|                    | ENERGY STAR         |



| SYSTEM PERFORMANCE DATA                                |             |                      |  |
|--------------------------------------------------------|-------------|----------------------|--|
| <b>Power supply</b>                                    |             |                      |  |
| Normal Operational Voltage                             | (V, Ph, Hz) | 208/230V, 1Ph, 60Hz  |  |
| Voltage Range                                          | (V)         | 187-253              |  |
| <b>Electrical</b>                                      |             |                      |  |
| Minimum circuit ampacity                               | (A)         | 18.0                 |  |
| Max.fuse                                               | (A)         | 25.0                 |  |
| Connection wiring                                      | 14AWG*4     | Stranded, unshielded |  |
| <b>Cooling</b>                                         |             |                      |  |
| Capacity                                               | (Btu/h)     | 18000(3850-22400)    |  |
| Power Input                                            | (W)         | 1500(120-2074)       |  |
| Current                                                | (A)         | 6.83(1.33-9.31)      |  |
| SEER2                                                  | (Btu/W)     | 19.0                 |  |
| EER2                                                   | (Btu/W)     | 12.0                 |  |
| <b>Heating</b>                                         |             |                      |  |
| Capacity                                               | (Btu/h)     | 19000(4350-25800)    |  |
| Power Input                                            | (W)         | 1538(334-2091)       |  |
| Current                                                | (A)         | 6.5(2.65-9.39)       |  |
| HSPF2-4                                                | (Btu/W)     | 9.8                  |  |
| HSPF2-5                                                | (Btu/W)     | 7.6                  |  |
| COP                                                    | W/W         | 3.62                 |  |
| Heat at 17F(H32)                                       | (Btu/h)     | 14800                |  |
| Heat at 5F(H42)                                        | (Btu/h)     | 13300                |  |
| COP at 5F(H42)                                         | W/W         | 2.00                 |  |
| REFRIGERANT PIPE DATA                                  |             |                      |  |
| Design pressure                                        | (PSIG)      | 550/340              |  |
| Refrigerant Type                                       |             | R410A                |  |
| Refrigerant charge                                     | oz          | 65.3                 |  |
| Refrigerant precharge                                  | (ft)        | 25x2                 |  |
| Additional charge for each ft                          | (oz/ft)     | 0.16                 |  |
| (Φ6.35 (1/4") liquid pipe)                             | (g/ft)      | 15.0                 |  |
| Additional charge for each ft                          | (oz/ft)     | 0.32                 |  |
| (Φ9.52 (3/8") liquid pipe)                             | (g/ft)      | 30.0                 |  |
| Liquid side                                            | (inch)      | 2x1/4"               |  |
|                                                        | (mm)        | 2x6.35               |  |
| Gas side                                               | (inch)      | 2x3/8"               |  |
|                                                        | (mm)        | 2x9.52               |  |
| Max. length for all rooms                              | (ft)        | 131.2                |  |
|                                                        | (m)         | 40.0                 |  |
| Max. length for one indoor unit                        | (ft)        | 82.0                 |  |
|                                                        | (m)         | 25.0                 |  |
| Max. height difference between indoor and outdoor unit | (ft)        | 49.2                 |  |
|                                                        | (m)         | 15.0                 |  |
| Max. height difference between indoor units            | (ft)        | 33.0                 |  |
|                                                        | (m)         | 10.0                 |  |

| Outdoor(cooling)                  | (Deg. °F) | 5~122              |
|-----------------------------------|-----------|--------------------|
|                                   | (Deg. °C) | -15 ~ 50           |
| Outdoor(heating)                  | (Deg. °F) | -13 ~ 75           |
|                                   | (Deg. °C) | -25 ~ 24           |
| OUTDOOR UNIT DATA                 |           |                    |
| <b>Compressor</b>                 |           |                    |
| Type                              |           | Twin-ROTARY        |
| Model                             |           | KTN150D30UFZA      |
| Brand                             |           | GMCC               |
| Capacity                          | (Btu/h)   | 16139              |
| Input                             | (W)       | 1250               |
| Rated current (RLA)               | (A)       | /                  |
| Refrigerant oil/oil charge        | (ml)      | ESTER OIL VG74 450 |
| <b>Outdoor fan motor</b>          |           |                    |
| Model                             |           | ZKFN-80-8-3        |
| Qty                               |           | 1                  |
| Input                             | (W)       | /                  |
| Output                            | (W)       | 80.00              |
| RLA                               | (A)       | /                  |
| Speed                             | (r/min)   | 750/600/500        |
| <b>Air flow &amp; Noise level</b> |           |                    |
| Outdoor air flow (Max.)           | (CFM)     | 1764.71            |
| Outdoor noise level               | [dB(A)]   | 58.50              |
| <b>Outdoor unit</b>               |           |                    |
| Dimension (W×D×H)                 | (inch)    | 35.04x13.46x26.50  |
|                                   | (mm)      | 890x342x673        |
| Packing (W×D×H)                   | (inch)    | 40.55x17.24x29.53  |
|                                   | (mm)      | 1030x438x750       |
| Net/ Gross weight                 | (lbs.)    | 100.31/108.69      |
|                                   | (kg)      | 45.5/49.3          |

Outdoor unit dimension

