


## SUBMITTAL DATA SHEET

Job Name \_\_\_\_\_  
 Buyer \_\_\_\_\_  
 Submitted to \_\_\_\_\_  
 Unit Designation \_\_\_\_\_

Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Reference \_\_\_\_\_ Approval \_\_\_\_\_ Construction \_\_\_\_\_  
 Schedule # \_\_\_\_\_

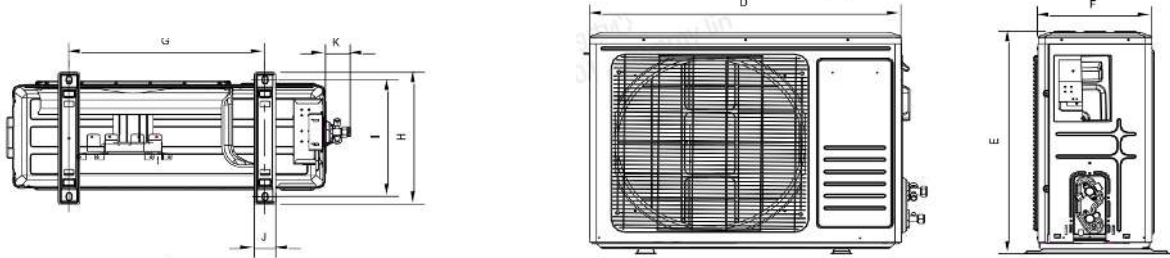
|                        |                                |      |           |
|------------------------|--------------------------------|------|-----------|
| <b>AHRI #</b>          |                                |      |           |
| <b>Outdoor Model #</b> | TMFX36HEI2NAS0U25              |      |           |
| <b>Indoor Type</b>     | Non-Ducted TMF09HEI2NAO0T24-IN |      |           |
|                        | Ducted                         |      |           |
|                        | Mix                            |      |           |
| <b>Certification</b>   | ETL                            | AHRI | 218082706 |
|                        | Energy Star                    | NEEP |           |





**(Actual equipment appearance may vary)**

| Outdoor Unit Dimension   |                        |   |   |   |   |   |   |   |
|--|------------------------|---|---|---|---|---|---|---|
|  |                        |   |   |   |   |   |   |   |
| Model  | Outdoor Unit (inch/mm) |   |   |   |   |   |   |   |
| H27FMH22XPC  | D                      | E | F | G | H | I | J | K |
|  |                        |   |   |   |   |   |   |   |

| 36,000 BTU Five ZONE Condenser Combinations: |       |             |         |         |          |            |           |            |            |             |            |             |              |              |
|--|-------|-------------|---------|---------|----------|------------|-----------|------------|------------|-------------|------------|-------------|--------------|--------------|
| Two Units                                    |       | Three Units |         |         |          | Four Units |           |            |            |             | Five Units |             |              |              |
| 6+18   | 12+18 | 6+6+9       | 6+9+24  | 9+9+9   | 9+18+18  | 6+6+6+6    | 6+6+9+24  | 6+9+9+18   | 6+12+12+24 | 9+9+12+24   | 6+6+6+6+6  | 6+6+6+9+24  | 6+6+9+9+24   | 6+9+9+12+12  |
| 6+24   | 12+24 | 6+6+12      | 6+9+30  | 9+9+12  | 9+18+24  | 6+6+6+9    | 6+6+12+12 | 6+9+9+24   | 6+12+18+18 | 9+9+18+18   | 6+6+6+6+9  | 6+6+6+12+12 | 6+6+9+12+12  | 6+9+9+12+18  |
| 9+12   | 18+18 | 6+6+18      | 6+12+12 | 9+9+18  | 12+12+12 | 6+6+6+12   | 6+6+12+18 | 6+9+12+12  | 9+9+9+9    | 9+9+18+24   | 6+6+6+6+12 | 6+6+6+12+18 | 6+6+9+12+18  | 6+9+12+12+12 |
| 9+18   | 18+24 | 6+6+24      | 6+12+18 | 9+9+24  | 12+12+18 | 6+6+6+18   | 6+6+12+24 | 6+9+12+18  | 9+9+9+12   | 9+12+12+12  | 6+6+6+6+18 | 6+6+6+12+24 | 6+6+12+12+12 | 9+9+9+9+9    |
| 9+24   | 24+24 | 6+9+9       | 6+12+24 | 9+12+12 | 12+12+24 | 6+6+6+24   | 6+6+18+18 | 6+9+12+24  | 9+9+9+18   | 9+12+12+18  | 6+6+6+6+24 | 6+6+6+18+18 | 6+6+12+12+18 | 9+9+9+9+12   |
| 12+12  |       | 6+9+12      | 6+18+18 | 9+12+18 | 12+18+18 | 6+6+9+9    | 6+6+18+24 | 6+9+18+18  | 9+9+9+24   | 12+12+12+12 | 6+6+6+9+9  | 6+6+9+9+9   | 6+9+9+9+9    | 9+9+9+9+18   |
|  |       | 6+9+18      | 6+18+24 | 9+12+24 | 12+18+24 | 6+6+9+12   | 6+9+9+9   | 6+12+12+12 | 9+9+12+12  | 12+12+12+18 | 6+6+6+9+12 | 6+6+9+9+12  | 6+9+9+9+12   | 9+9+9+12+12  |
|  |       |             |         |         |          | 6+6+9+18   | 6+9+9+12  | 6+12+12+18 | 9+9+12+18  |             | 6+6+6+9+18 | 6+6+9+9+18  | 6+9+9+9+18   | 9+9+12+12+12 |



**SUBMITTAL DATA SHEET**

| SYSTEM PERFORMANCE DATA             |       |                  |
|-------------------------------------|-------|------------------|
| <b>Power supply</b>                 |       | 208/230 / 1 / 60 |
| Voltage Range (Min - Max)           | V     | 175 - 265        |
| <b>Electrical</b>                   |       |                  |
| Min. Circuit Ampacity - MCA         | A     | 28               |
| Max. FUSE Size                      | A     | 45               |
| <b>Cooling Capacity</b>             |       |                  |
|                                     | BTU/h | 36,000           |
| <b>(Min - Max)</b>                  |       | (6,500 ~46,000)  |
| Rated Input Power                   | W     | 2,647            |
| Rated Current                       | A     | 11.5             |
| <b>Heating Capacity (Min - Max)</b> |       |                  |
|                                     | BTU/h | 36,000           |
| <b>(Min - Max)</b>                  |       | (6,500 ~46,000)  |
| Rated Input Power                   | W     | 1,907            |
| Rated Current                       | A     | 11.6             |

| REFRIGERANT PIPING DATA                                  |        |                     |
|--|--------|---------------------|
| Refrigerant Type / Charged                               | oz     | R454B / 119.9       |
| Pre-Charge Length Total                                  | ft (m) | 123 (37.5)          |
| Design Pressure  | PSIG   | 725                 |
| Line Set Sized (Liquid - Gas)                            | in     | 5X (1/4 - 3/8)      |
| Add. Charge - Φ6.35 (1/4)                                | oz/ft  | 0.11                |
| Add. Charge - Φ9.52 (3/8)                                | oz/ft  | 0.22                |
| Line Set Length (Max) - Each                             | ft (m) | 98 (30)             |
| Line Set Length (Max) - Total                            | ft (m) | 328 (100)           |
| Max. Line Set Height Difference Btwn. ODU & Furthest IDU | ft (m) | 49 (15)             |
| Max. Line Set Height Difference Btwn. IDUs               | ft (m) | 33(10)              |
| Connection method  |        | Threaded Connection |
| Throttle Type  |        | Capillary + EXV     |

| OUTDOOR UNIT DATA               |           |                       |
|---------------------------------|-----------|-----------------------|
| <b>Compressor Type</b>          |           | INVERTER, DC          |
| Brand & Model                   |           | HIGHLY/MTH356SKPC8FQL |
| Input                           | W         | 2,710                 |
| Rated current (RLA)             | A         | 10.5                  |
| Refrigerant Oil / Charge        | ml        | 1,300                 |
| <b>Motor Type</b>               |           | DC                    |
| Brand & Model                   |           | DAYANG/ZW511D000017   |
| Input                           | W         | 200                   |
| Speed                           | r/min     | 700                   |
| <b>Performance</b>              |           |                       |
| Air Flow (Max)                  | CFM       | 1,882                 |
| Sound Pressure Level            | dB(A)     | 65                    |
| <b>Unit Data</b>                |           |                       |
| External Dimensions (W x D x H) | in        | 42.3 × 336 × 18.4     |
|                                 | mm        | 1,074 × 853 × 468     |
| Package Dimensions (W x D x H)  | in        | 44.7 × 35.4 × 20.9    |
|                                 | mm        | 1,135 × 900 × 530     |
| Weight (Net / Gross)            | lbs (kgs) | 174.2 / 185 (79/ 84)  |
| <b>Temperature Range</b>        |           |                       |
| Outdoor Cooling Range           | °F (°C)   | 5~131(-5~55)          |
| Outdoor Heating Range           | °F (°C)   | -22~75 (-30~24)       |

| SYSTEM PERFORMANCE DATA |      |                  |   |             |   |
|-------------------------|------|------------------|---|-------------|---|
| SEER2 (Non-Ducted)      | 25   | SEER2 (Ducted)   | / | MIX SEER2   | / |
| EER2 (Non-Ducted)       | 13.6 | EER2 (Ducted)    | / | MIX EER2    | / |
| HSPF2-4 (Non-Ducted)    | 10   | HSPF2-4 (Ducted) | / | MIX HSPF2-4 | / |
| COP (Non-Ducted)        | 4    | COP (Ducted)     | / | MIX COP     | / |