

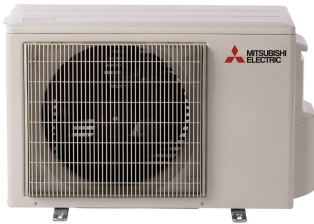
Submittal Data: MFZ-KX09NL SUZ-CA09NLH

|               |  |               |  |
|---------------|--|---------------|--|
| Job Name:     |  | Location:     |  |
| Purchaser:    |  | Submitted By: |  |
| Submitted To: |  | Engineer:     |  |
| Date:         |  | Application:  |  |

☐ Reference

☐ Approval

☐ Construction



Basic product info.

|                  |             |  |
|------------------|-------------|--|
| IDU Model Number | MFZ-KX09NL  |  |
| ODU Model Number | SUZ-CA09NLH |  |
| AHRI Certificate | 216800242   |  |

Performance: Cooling at 95F (35C)

|                                                        |      |  |
|--------------------------------------------------------|------|--|
| Cooling 95F Maximum Capacity                           | 9000 |  |
| Cooling 95F Rated Capacity                             | 9000 |  |
| Cooling 95F Minimum Capacity                           | 2000 |  |
| Cooling Maximum Power Input                            | 710  |  |
| Cooling Rated Power Input                              | 710  |  |
| Cooling Minimum Power Input                            | 160  |  |
| Sensible Heat Factor at AHRI Cooling Rating Conditions | 0.93 |  |

Performance: Heating at 47F (8.3C)

|                                 |       |  |
|---------------------------------|-------|--|
| Heating 47F Maximum Capacity    | 15000 |  |
| Heating 47F Rated Capacity      | 12000 |  |
| Heating 47F Minimum Capacity    | 8200  |  |
| Heating 47F Maximum Power Input | 1200  |  |
| Heating 47F Rated Power Input   | 910   |  |
| Heating 47F Minimum Power Input | 470   |  |
| COP 47F at Maximum Capacity     | 3.66  |  |
| COP 47F at Rated Condition      | 3.86  |  |

Performance: Heating at 17F (-8.3C)

|                                 |      |  |
|---------------------------------|------|--|
| Heating 17F Maximum Capacity    | 7700 |  |
| Heating 17F Rated Capacity      | 7700 |  |
| Heating 17F Minimum Capacity    | 2600 |  |
| Heating 17F Maximum Power Input | 670  |  |
| Heating 17F Rated Power Input   | 670  |  |
| Heating 17F Minimum Power Input | 290  |  |
| COP 17F at Maximum capacity     | 3.3  |  |
| COP 17F at Rated Condition      | 3.3  |  |

Performance: Heating at 5F (-15C)

|                                         |      |  |
|-----------------------------------------|------|--|
| Heating 5F Maximum Capacity (H4Full)    | 6200 |  |
| Heating 5F Minimum Capacity (H4Full)    | 2480 |  |
| Heating 5F Maximum Power Input (H4Full) | 680  |  |
| Heating 5F Rated Power Input (H4Full)   | 590  |  |
| Heating 5F Minimum Power Input (H4Full) | 170  |  |
| COP 5F at Maximum capacity (H4Full)     | 2.66 |  |
| COP 5F at Rated capacity (H4Full)       | 2.84 |  |
| Heating 5F Rated Capacity (H4Full)      | 5720 |  |

ODU Operating Temp. Range

|                                   |       |  |
|-----------------------------------|-------|--|
| Heating Thermal Re-start Temp (C) | -20   |  |
| Cooling Thermal Re-start Temp (C) | -16   |  |
| Cooling Thermal Lock-out Temp (C) | -18.5 |  |
| Heating Thermal Lock-out Temp (C) | -25   |  |
| Cooling Thermal Re-start Temp (F) | 3     |  |
| Cooling Thermal Lock-out Temp (F) | -1    |  |
| Heating Thermal Re-start Temp (F) | -4    |  |
| Heating Thermal Lock-out Temp (F) | -14   |  |

Rebates

|                                        |     |  |
|----------------------------------------|-----|--|
| Energy Star 6.1 Certified              | YES |  |
| Energy Star 6.1 Cold Climate Certified | NO  |  |
| NEEP Certification                     | YES |  |

|                   |      |  |
|-------------------|------|--|
| <b>Efficiency</b> |      |  |
| SEER2             | 21.6 |  |
| EER2              | 12.6 |  |
| HSPF2 (IV)        | 12   |  |
| HSPF2(V)          | 8.1  |  |

|                                               |     |  |
|-----------------------------------------------|-----|--|
| <b>Electrical</b>                             |     |  |
| Recommended Fuse/Breaker Size of System (ODU) | 15  |  |
| ODU Minimum Circuit Ampacity (MCA)            | 13  |  |
| Rated Voltage (Min)                           | 208 |  |
| Rated Voltage (Max)                           | 230 |  |
| Recommended Fuse/Breaker Size                 | 15  |  |

|                                                |                         |  |
|------------------------------------------------|-------------------------|--|
| <b>Indoor Unit</b>                             |                         |  |
| External Finish (Munsell No. in case painting) | 6.2PB 9/0.9             |  |
| Drain Pipe Size (Outer size)                   | 26                      |  |
| IDU Airflow Rate, Cooling (Dry) CFM            | 138, 198, 272, 360, 417 |  |
| IDU Airflow Rate, Heating CFM                  | 138, 191, 254, 328, 417 |  |

|                                                  |          |  |
|--------------------------------------------------|----------|--|
| <b>Outdoor Unit</b>                              |          |  |
| Base Pan Heater installed (Built-in or Optional) | Built-in |  |

|                                    |     |  |
|------------------------------------|-----|--|
| <b>Piping</b>                      |     |  |
| Liquid Pipe Size O.D. [Flared]     | 1/4 |  |
| Gas Pipe Size O.D. [Flared]        | 3/8 |  |
| Maximum Piping Length (m)          | 20  |  |
| Maximum Piping Length (ft)         | 65  |  |
| ODU Gas Pipe Size O.D. [Flared]    | 3/8 |  |
| ODU Liquid Pipe Size O.D. [Flared] | 1/4 |  |

|                                      |       |  |
|--------------------------------------|-------|--|
| <b>Refrigerant</b>                   |       |  |
| Refrigerant Type                     | R454B |  |
| Pre-charged Refrigerant Amount (ODU) | 2 lbs |  |

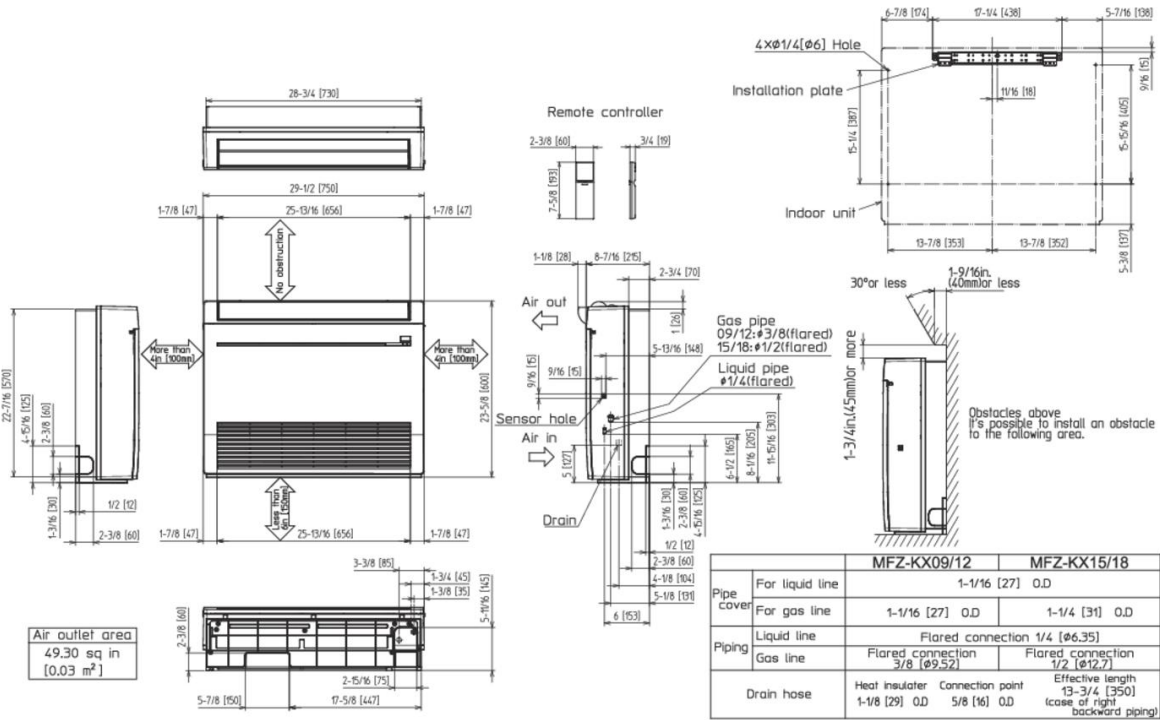
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|---------------------------------------|--------------------------------------------------|--|
| <b>Accessories</b>                    |                                                  |  |
| Remote Controller English             | MAC-FL116M-E                                     |  |
| Remote Controller French              | MAC-FL216M-E                                     |  |
| Wall Mount controller                 | PAR-42MAACAB (Requires system control interface) |  |
| Simple Wall MA Controller             | PAC-YT53CRAU-J                                   |  |
| Deodorizing Filter                    | MAC-408FT-E                                      |  |
| Microparticle Catching Filter         | MAC-EMF515FT-E                                   |  |
| System Interface (Full Control)       | MAC-334IF-E                                      |  |
| System Interface (Functional Control) | MAC-497IF-E                                      |  |
| NA T-STAT Interface                   | RMF-CA200                                        |  |
| Simple CN105 Controller               | PAC-SDW01RC-CA1                                  |  |
| Wi-Fi Adapter                         | Built-in                                         |  |

AHRI Rated Conditions (Rated data is determined at a fixed compressor speed) (\* Windscreens required for cooling operations below 23°F (-5°C))

- <sup>1</sup> Cooling (Indoor // Outdoor) 80°F (26.6°C) DB, 67°F (19.4°C) WB // 95°F (35°C) DB, 75°F (23.9°C) WB
- <sup>2</sup> Heating at 47°F (8.3°C) (Indoor // Outdoor) 70°F (21.1°C) DB, 60°F (15.6°C) WB // 47°F (8.3°C) DB, 43°F (6.1°C) WB
- <sup>3</sup> Heating at 17°F (-8.3°C) (Indoor // Outdoor) 70°F (21.1°C) DB, 60°F (15.6°C) WB // 17°F (-8.3°C) DB, 15°F (-9.4°C) WB
- tHeating at 5°F (-15°C) (Indoor // Outdoor) 70°F (21.1°C) DB, 60°F (15.6°C) WB // 5°F (-15°C) DB, 4°F (-15.6°C) WB
- uHeating at -4°F (-20°C) (Indoor // Outdoor) 70°F (21.1°C) DB, 60°F (15.6°C) WB // -4°F (-20°C) DB, -15°F (-26.1°C) WB

MFZ-KX09NL

Unit: inch (mm)



SUZ-CA09NLH-U1

Unit: inch(mm)

