

SAMSUNG

VRF

Technical Data Book

DVM S for LA
(R410A, 230V, 60Hz, Heat Pump)

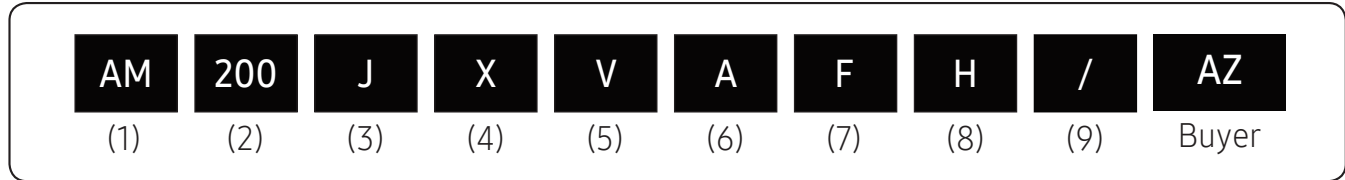


Model : Heat Pump Type (AM***JXVAFH/AZ)

Nomenclature

Outdoor Unit

Model Name



(1) Classification

| | |
|-----------|-----|
| AM | DVM |
|-----------|-----|

(2) Capacity

| |
|---------------------|
| x1/10 HP (3 digits) |
|---------------------|

(3) Version

| | |
|----------|------|
| F | 2013 |
| H | 2014 |
| J | 2015 |
| K | 2016 |
| M | 2017 |

(4) Product Type

| | |
|----------|--------------|
| X | Outdoor Unit |
| N | Indoor Unit |

(5) Feature 1

| | |
|----------|-----------|
| V | Inverter |
| M | DVM S Eco |

(6) Feature 2

| | |
|----------|---------------------------------------|
| A | Standard + General Temp.+ Module |
| H | High EER + Low Temp. + Module |
| G | High EER + General Temp. + Module |
| D | Standard + General Temp. + Non-Module |

(7) Rating Voltage

| | |
|----------|--------------------|
| C | 1Ø, 208~230V, 60Hz |
| F | 3Ø, 208~230V, 60Hz |
| J | 3Ø, 460V, 60Hz |

(8) Mode

| | |
|----------|---------------|
| H | Heat Pump |
| R | Heat Recovery |
| C | Cooling Only |

(9) Category

| | |
|----------|---------------------------------------|
| A | Anti Corrosion (Corrosion Resistance) |
| / | Non Anti Corrosion |

2. Specification

Standard

| Type | | | DVMS | DVMS | DVMS | DVMS | |
|--|--|---------------------|---------------------------|---------------------------|---------------------------|---------------------------|-----------------|
| Model Name | | | AM080JXVAFH/AZ | AM100JXVAFH/AZ | AM120JXVAFH/AZ | AM140JXVAFH/AZ | |
| | Outdoor unit module 1 | | - | - | - | - | |
| | Outdoor unit module 2 | | - | - | - | - | |
| | Outdoor unit module 3 | | - | - | - | - | |
| | Outdoor unit module 4 | | - | - | - | - | |
| Power Supply Mode | Ø, #, V, Hz | 3, 3, 208-230, 60 | 3, 3, 208-230, 60 | 3, 3, 208-230, 60 | 3, 3, 208-230, 60 | | |
| Performance | HP | HP | 8 | 10 | 12 | 14 | |
| | | Capacity | Cooling | kW | 22.4 | 28.0 | 33.6 |
| | Btu/h | | | 76,400 | 95,500 | 114,600 | 136,500 |
| | Heating | | US RT | 6.37 | 7.96 | 9.55 | 11.37 |
| | | | kW | 25.2 | 31.5 | 37.8 | 45.0 |
| | Btu/h | 86,000 | 107,500 | 129,000 | 153,500 | | |
| Maximum number of connectable indoor units | EA | 14 | 18 | 21 | 26 | | |
| Total capacity of the connected Indoor Units | Min. | kW | 11.2 | 14.0 | 16.8 | 20.0 | |
| | Max. | kW | 29.1 | 36.4 | 43.7 | 52.0 | |
| Power | Power Input | Cooling | kW | 4.35 | 5.50 | 7.22 | 8.47 |
| | | Heating | kW | 4.44 | 5.33 | 7.40 | 9.18 |
| | Current Input | Cooling | A | 12.70 | 16.00 | 21.10 | 24.70 |
| | | Heating | A | 12.90 | 15.50 | 21.60 | 26.80 |
| | Current | MCA | A | 28.0 | 34.0 | 35.0 | 50.0 |
| | | MFA | A | 40 | 50 | 50 | 63 |
| Efficiency | EER | Cooling | W/W | 5.15 | 5.09 | 4.65 | 4.72 |
| | | | Btu/Wh | 17.6 | 17.4 | 15.9 | 16.1 |
| | COP | Heating | W/W | 5.68 | 5.91 | 5.11 | 4.90 |
| Casing | Material | Body | - | EGI Steel Plate | EGI Steel Plate | EGI Steel Plate | EGI Steel Plate |
| | | Base | - | EGI Steel Plate | EGI Steel Plate | EGI Steel Plate | EGI Steel Plate |
| Heat Exchanger | Type | - | Fin & Tube | Fin & Tube | Fin & Tube | Fin & Tube | |
| | Material | Fin | - | Al | Al | Al | Al |
| | | Tube | - | Cu | Cu | Cu | Cu |
| Fin Treatment | - | Anti-corrosion | Anti-corrosion | Anti-corrosion | Anti-corrosion | | |
| Compressor | Type | - | Inverter Scroll x1 | Inverter Scroll x1 | Inverter Scroll x1 | Inverter Scroll x2 | |
| | Output | kW x n | 5.09 x1 | 6.45 x1 | 6.45 x1 | 5.09 x2 | |
| | Model Name | - | DS-GB052FBV* x1 | DS4GJ5066EV* x1 | DS4GJ5066EV* x1 | DS-GB052FBV* x2 | |
| | Oil | Type | - | PVE | PVE | PVE | PVE |
| Initial charge | | cc x n | 1,100 x1 | 1,100 x1 | 1,100 x1 | 1,100 x2 | |
| Fan | Type | - | Propeller | Propeller | Propeller | Propeller | |
| | Discharge direction | - | Top | Top | Top | Top | |
| | Quantity | EA | 1 | 1 | 1 | 2 | |
| | Air Flow Rate | m ³ /min | 170 | 170 | 220 | 255 | |
| | | l/s | 2,833 | 2,833 | 3,667 | 4,250 | |
| | External Static Pressure | Max. | mmAq | 8 | 8 | 8 | 8 |
| Pa | | 78.45 | 78.45 | 78.45 | 78.45 | | |
| Fan Motor | Type | - | BLDC Motor | BLDC Motor | BLDC Motor | BLDC Motor | |
| | Output | W x n | 630 x1 | 630 x1 | 630 x1 | 620 x2 | |
| Piping Connections | Liquid Pipe | Type | Braze connection | Braze connection | Braze connection | Braze connection | |
| | | Ø, mm (inch) | 9.52 (3/8) | 9.52 (3/8) | 12.70 (1/2) | 12.70 (1/2) | |
| | Gas Pipe | Type | Braze connection | Braze connection | Braze connection | Braze connection | |
| | | Ø, mm (inch) | 19.05 (3/4) | 22.22 (7/8) | 28.58 (1-1/8) | 28.58 (1-1/8) | |
| | Heat Insulation | - | Both liquid and gas pipes | Both liquid and gas pipes | Both liquid and gas pipes | Both liquid and gas pipes | |
| | Piping length (ODU-IDU) | Max. [Equiv.] | m | 200[220] | 200[220] | 200[220] | 200[220] |
| | Piping length (1st Branch-IDU) | Max. | m | 90 | 90 | 90 | 90 |
| | Total piping length (System) | Max. | m | 1,000 | 1,000 | 1,000 | 1,000 |
| | Level difference (ODU in highest position) | Max. | m | 110 | 110 | 110 | 110 |
| | Level difference (IDU in highest position) | Max. | m | 110 | 110 | 110 | 110 |
| Level difference (IDU-IDU) | Max. | m | 50 | 50 | 50 | 50 | |

2. Specification

Standard

| Type | | | DVMS | DVMS | DVMS | DVMS | |
|-----------------------|-----------------------------|-------------|-----------------------------------|------------------------------|------------------------------|------------------------------|---------------------|
| Model Name | | | AM080JXVAFH/AZ | AM100JXVAFH/AZ | AM120JXVAFH/AZ | AM140JXVAFH/AZ | |
| | Outdoor unit module 1 | | - | - | - | - | |
| | Outdoor unit module 2 | | - | - | - | - | |
| | Outdoor unit module 3 | | - | - | - | - | |
| | Outdoor unit module 4 | | - | - | - | - | |
| Wiring connections | Transmission Cable | Min. Remark | mm ² 0.75 F1, F2 | 0.75 F1, F2 | 0.75 F1, F2 | 0.75 F1, F2 | |
| | Power supply intake | | - | Both indoor and outdoor unit | Both indoor and outdoor unit | Both indoor and outdoor unit | |
| Refrigerant | Type | | - | R410A | R410A | R410A | |
| | Factory Charging | | kg | 5.5 | 5.5 | 6.5 | 7.7 |
| Sound | Sound Pressure | Cooling | dB(A) | 57 | 58 | 62 | 61 |
| | | Heating | dB(A) | 59 | 62 | 64 | 63 |
| | Sound Power | | dB(A) | 77 | 79 | 81 | 81 |
| External Dimension | Net Weight | | kg | 181.0 | 184.0 | 195.0 | 290.0 |
| | Shipping Weight | | kg | 197.0 | 200.0 | 211.0 | 298.0 |
| | Net Dimensions (WxHxD) | | mm | 880 x 1,695 x 765 | 880 x 1,695 x 765 | 880 x 1,695 x 765 | 1,295 x 1,695 x 765 |
| | Shipping Dimensions (WxHxD) | | mm | 948 x 1,887 x 832 | 948 x 1,887 x 832 | 948 x 1,887 x 832 | 1,363 x 1,887 x 832 |
| Operating Temp. Range | Cooling | | °C | -5 ~ 48 | -5 ~ 48 | -5 ~ 48 | -5 ~ 48 |
| | Heating | | °C | -25 ~ 24 | -25 ~ 24 | -25 ~ 24 | -25 ~ 24 |

NOTE

- Specification may be subject to change without prior notice.
 - 1) Performances are based on the following test conditions.
 - Cooling : Indoor temperature 27°CDB, 19°CWB, Outdoor temperature 35°CDB, 24°CWB
 - Heating : Indoor temperature 20°CDB, 15°CWB, Outdoor temperature 7°CDB, 6°CWB
 - Equivalent refrigerant pipe length 5m, Level differences 0m
 - 2) Performance of Multiple Module Outdoor unit is weighted average of Single Module outdoor units.
 - 3) Allowed combination ratio of the total rated indoor unit capacity over the rated outdoor unit capacity is 50~130%.
 - 4) Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20uPa
 - 5) Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level
 - Reference power : 1pW
 - Measured according to ISO 3741
 - 6) Sound values of multi combination are theoretical values based on sound results of individual installed units.
 - 7) These products contain R410A which is fluorinated greenhouse gas.
 - 8) If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under.
(If the level difference is higher than 50m, make a decision by PDM kit installation Guide software whether the PDM kit should be installed or not.)
 - PDM kit: Pressure Drop Modulation kit
When the outdoor unit is below the indoor unit & the level differences are 40m or more, contact your local dealer for more information.
- In case you want to know more information regarding capacity and correction, please refer to capacity table TDB on pvi.samsung.com site.

3. Electrical Characteristics

Standard

| Capacity | | Model | Power Supply | | Voltage Range | | Running Current [A] | | Current [A] | | ODU Fan Motor | |
|----------|-------|----------------|--------------|---------|---------------|-------------|---------------------|---------|-------------|-----|---------------|---------|
| HP | kW | | Hz | Voltage | Min. (-10%) | Max. (+10%) | Cooling | Heating | MCA | MFA | kW | FLA [A] |
| 8 | 22.4 | AM080JXVAFH/AZ | 60 | 208-230 | 187 | 253 | 12.7 | 12.9 | 28.0 | 40 | 0.63 | 4 |
| 10 | 28.0 | AM100JXVAFH/AZ | 60 | 208-230 | 187 | 253 | 16.0 | 15.5 | 34.0 | 50 | 0.63 | 4 |
| 12 | 33.6 | AM120JXVAFH/AZ | 60 | 208-230 | 187 | 253 | 21.1 | 21.6 | 35.0 | 50 | 0.63 | 4 |
| 14 | 40.0 | AM140JXVAFH/AZ | 60 | 208-230 | 187 | 253 | 24.7 | 26.8 | 50.0 | 63 | 1.24 | 6 |
| 16 | 45.0 | AM160JXVAFH/AZ | 60 | 208-230 | 187 | 253 | 31.0 | 30.0 | 56.1 | 63 | 1.24 | 6 |
| 18 | 50.4 | AM180JXVAFH/AZ | 60 | 208-230 | 187 | 253 | 31.1 | 30.3 | 66.5 | 75 | 1.24 | 6 |
| 20 | 56.0 | AM200JXVAFH/AZ | 60 | 208-230 | 187 | 253 | 33.4 | 37.0 | 73.0 | 80 | 1.24 | 6 |
| 22 | 61.6 | AM220JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 37.1 | 37.1 | - | - | - | - |
| 24 | 67.2 | AM240JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 42.2 | 43.2 | - | - | - | - |
| 26 | 72.8 | AM260JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 45.8 | 48.4 | - | - | - | - |
| 28 | 78.6 | AM280JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 52.1 | 51.6 | - | - | - | - |
| 30 | 84.0 | AM300JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 52.2 | 51.9 | - | - | - | - |
| 32 | 89.6 | AM320JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 54.5 | 58.6 | - | - | - | - |
| 34 | 96.0 | AM340JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 58.1 | 63.8 | - | - | - | - |
| 36 | 101.0 | AM360JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 64.4 | 67.0 | - | - | - | - |
| 38 | 106.4 | AM380JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 64.5 | 67.3 | - | - | - | - |
| 40 | 112.8 | AM400JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 66.8 | 74.0 | - | - | - | - |
| 42 | 117.8 | AM420JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 70.5 | 74.1 | - | - | - | - |
| 44 | 123.2 | AM440JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 75.6 | 80.2 | - | - | - | - |
| 46 | 128.8 | AM460JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 79.2 | 85.4 | - | - | - | - |
| 48 | 134.4 | AM480JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 85.5 | 88.6 | - | - | - | - |
| 50 | 140.0 | AM500JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 85.6 | 88.9 | - | - | - | - |
| 52 | 145.6 | AM520JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 87.9 | 95.6 | - | - | - | - |
| 54 | 151.4 | AM540JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 91.5 | 100.8 | - | - | - | - |
| 56 | 156.8 | AM560JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 97.8 | 104.0 | - | - | - | - |
| 58 | 162.4 | AM580JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 97.9 | 104.3 | - | - | - | - |
| 60 | 168.0 | AM600JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 100.2 | 111.0 | - | - | - | - |
| 62 | 173.6 | AM620JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 103.9 | 111.1 | - | - | - | - |
| 64 | 179.2 | AM640JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 109.0 | 117.2 | - | - | - | - |
| 66 | 185.6 | AM660JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 112.6 | 122.4 | - | - | - | - |
| 68 | 190.6 | AM680JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 118.9 | 125.6 | - | - | - | - |
| 70 | 196.0 | AM700JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 119.0 | 125.9 | - | - | - | - |
| 72 | 201.6 | AM720JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 121.3 | 132.6 | - | - | - | - |
| 74 | 207.2 | AM740JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 124.9 | 137.8 | - | - | - | - |
| 76 | 212.8 | AM760JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 131.2 | 141.0 | - | - | - | - |
| 78 | 218.4 | AM780JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 131.3 | 141.3 | - | - | - | - |
| 80 | 224.0 | AM800JXVAFH1AZ | 60 | 208-230 | 187 | 253 | 133.6 | 148.0 | - | - | - | - |

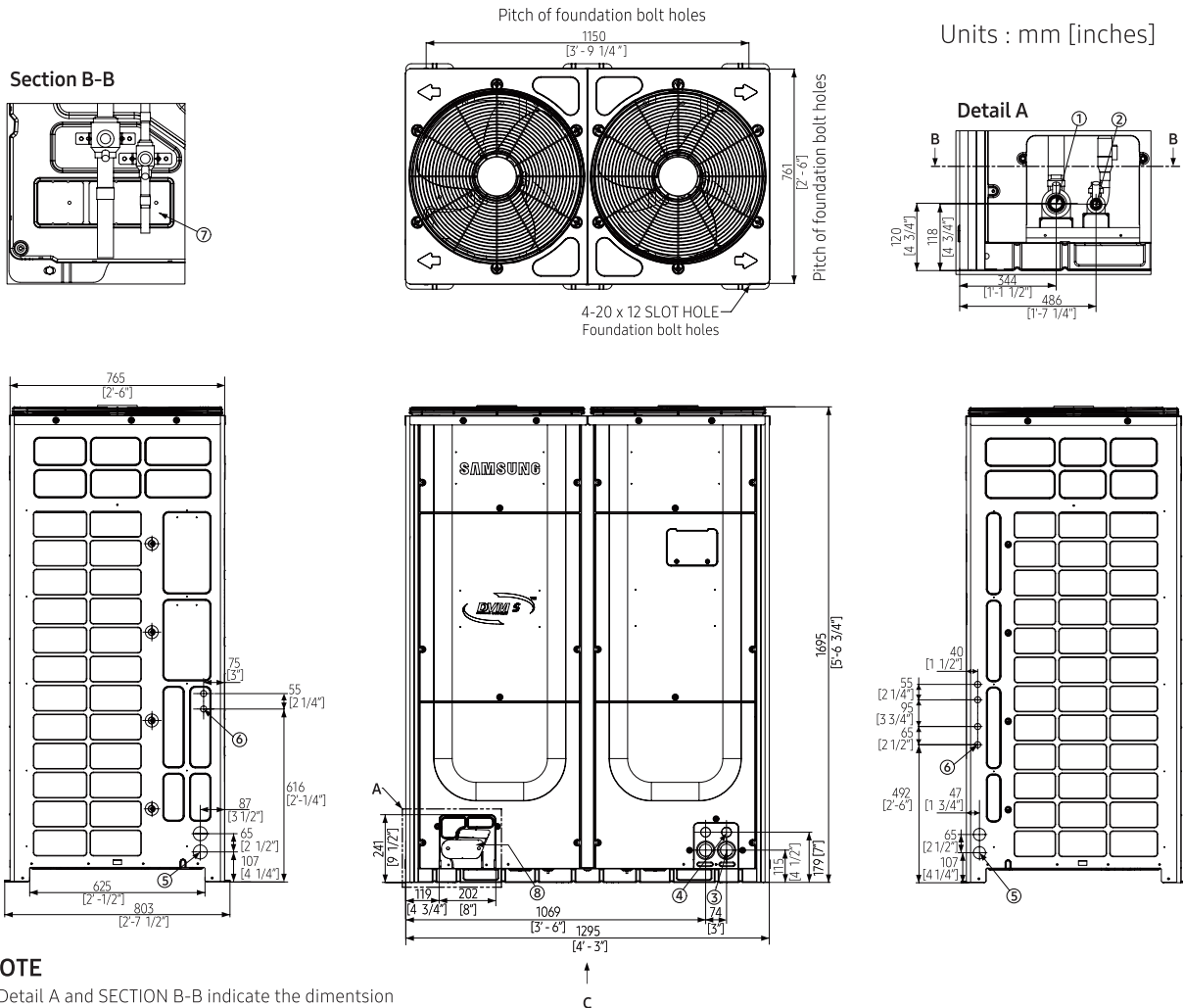
 **NOTE**

- MCA : Minimum circuit amperes
- MFA : Maximum fuse amperes
- FLA : Full load amperes

4. Dimensional Drawing

Outdoor unit

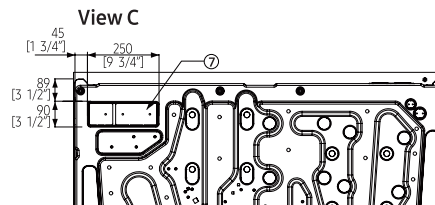
- AM140~200JXVAFH/AZ



NOTE

- Detail A and SECTION B-B indicate the dimension after fixing the attached piping.
- Item 3-8 : Knock-out hole.
- View C indicate the dimension of knock-out hole(bottom)
- Pipe [Φ, mm(inch)] : Brazing connection

| HP | Liquid pipe | Gas pipe |
|----|-------------|--------------|
| 8 | 9.52(3/8) | 19.05(3/4) |
| 10 | 9.52(3/8) | 22.22(7/8) |
| 12 | 12.70(1/2) | 28.58(1 1/8) |
| 14 | 12.70(1/2) | 28.58(1 1/8) |
| 16 | 12.70(1/2) | 28.58(1 1/8) |
| 18 | 15.88(5/8) | 28.58(1 1/8) |
| 20 | 15.88(5/8) | 28.58(1 1/8) |
| 22 | 15.88(5/8) | 28.58(1 1/8) |
| 24 | 15.88(5/8) | 34.92(1 3/8) |
| 26 | 19.05(3/4) | 34.92(1 3/8) |
| 28 | 19.05(3/4) | 34.92(1 3/8) |
| 30 | 19.05(3/4) | 34.92(1 3/8) |

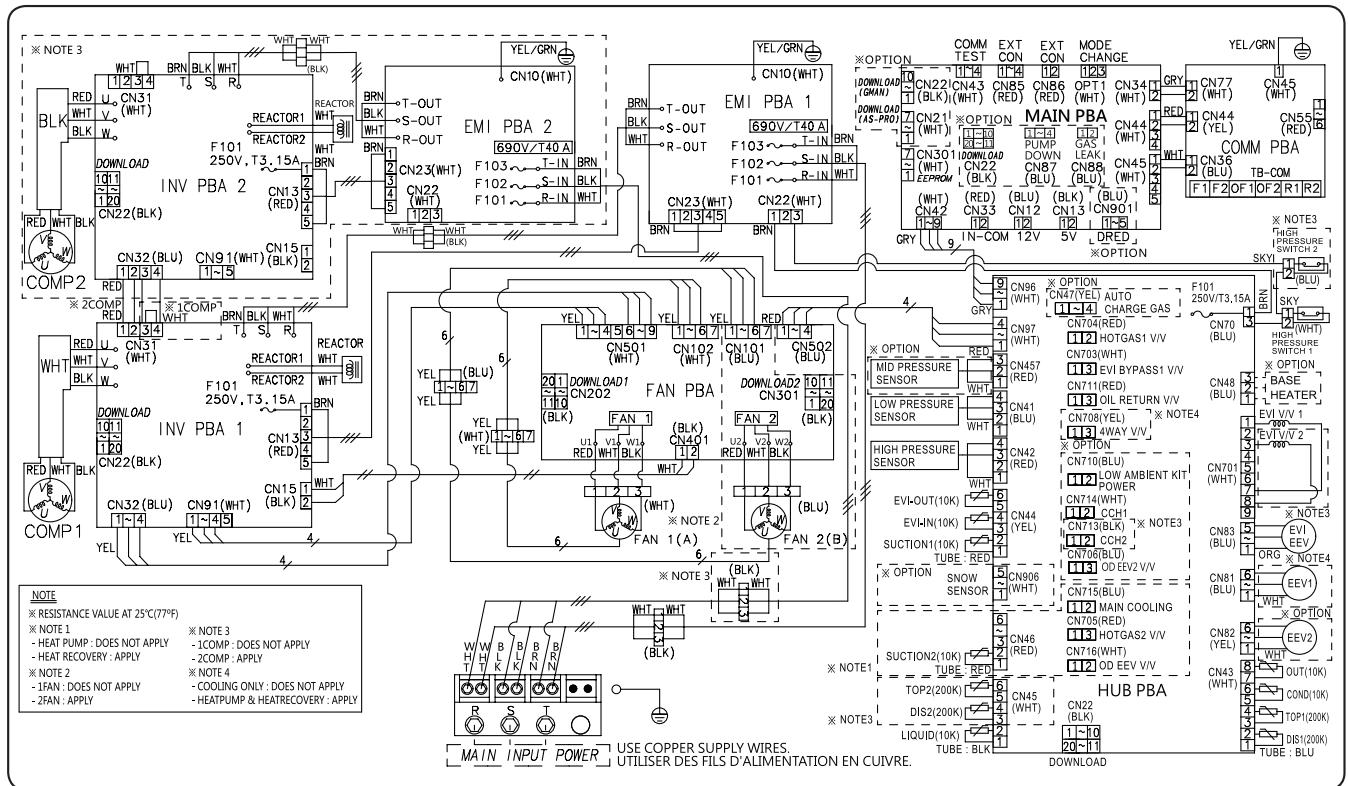


| NO | Table of descriptions | Remark | NO | Table of descriptions | Remark |
|----|------------------------------|-------------|----|---|--------|
| 1 | Gas Ref. pipe | See note 4. | 5 | Power wiring conduit | Φ44 |
| 2 | Liquid Ref. pipe | See note 4. | 6 | Communication wiring conduit | Φ22 |
| 3 | Power wiring conduit | Φ44 | 7 | Knock-out Hole for Ref. Piping (bottom) | |
| 4 | Communication wiring conduit | Φ34 | 8 | Knock-out Hole for Ref. Piping (front) | |

6. Electrical Wiring Diagrams

Outdoor unit

- AM080JXVAFH/AZ, AM140JXVAFH/AZ, AM160JXVAFH/AZ



| | | | | | |
|----------|---|---------------|--|----------------|---|
| INV PBA1 | Printed circuit board (inverter1) | EEV1 | Electronic expansion valve 1 | LIQUID(10K) | Thermistor LIQUID(10K) |
| INV PBA2 | Printed circuit board (inverter2) | EEV2 | Electronic expansion valve 2 | HOTGAS1 V/V | Solenoid valve(HOTGAS1) |
| EMI PBA1 | Printed circuit board (emi1) | EVI-OUT(10K) | Thermistor(Enhanced Vapor Injection out) | EVI BYPASS V/V | Solenoid valve(EVI BYPASS) |
| EMI PBA2 | Printed circuit board (emi2) | EVI-IN(10K) | Thermistor (Enhanced Vapor Injection_in) | RETURN V/V | Solenoid valve(RETURN) |
| FAN PBA | Printed circuit board (fan motor) | SUCTION1(10K) | Thermistor (SUCTION1) | 4WAY V/V | Solenoid valve(4WAY) |
| MAIN PBA | Printed circuit board (main) | SUCTION2(10K) | Thermistor (SUCTION2) | CCH1 | Crank Case Heater (Compressor1) |
| HUB PBA | Printed circuit board (hub) | SNOW SENSOR | SNOW SENSOR | CCH2 | Crank Case Heater (Compressor2) |
| COMM PBA | Printed circuit board (communication) | OIL-COMP1 | Oil-Sensor(Compressor1) | MAIN COOLING | Solenoid valve(Main cooling) |
| COMP1 | Motor (compressor1) | OIL-COMP2 | Oil-Sensor (Compressor2) | HOTGAS2 V/V | Solenoid valve(HOTGAS2) |
| COMP2 | Motor (compressor2) | OUT(10K) | Thermistor (Air) | OD EEV V/V | Solenoid valve(OD EEV) |
| FAN1 | Motor (fan1) | COND(10K) | Thermistor (COND.) | F101 | FUSE(inverterPBA) |
| FAN2 | Motor (fan2) | TOP2(200K) | Thermistor (Copressor2 TOP) | 690V/T40A | FUSE(EMI PBA) |
| EVI V/V1 | Solenoid valve (Enhanced Vapor Injection_1) | DIS1(200K) | Thermistor DIS1(200K) | MODE CHANGE | Connector (remote switching cool/heat selector) |
| EVI V/V2 | Solenoid valve (Enhanced Vapor Injection_2) | DIS2(200K) | Thermistor DIS2(200K) | EXT CON | Connector (Output EXT CON) |
| EVI EEV | Electronic expansion valve (EVI) | LIQUID(10K) | Thermistor LIQUID(10K) | ERROR/COMPEXT | Connector (Output ERROR/COMP EXT CON) |

NOTE

- This wiring diagram applies only to the outdoor unit.
- Colors blk: black, red: red, blu: blue, wht: white, yel: yellow, brn: brown, sky: skyblue
- When operating, don't shortcircuit the protection device (High Pressure switch)
- For connection wiring indoor-outdoor transmission F1-F2, outdoor_outdoor transmission OF1-OF2, refer to the installation manual.
- ⊕ Protective earth(screw), □□□□ : connector, $\frac{N}{\text{---}}$: The wire quantity

7. Sound Data

Summary

Standard

| Capacity | | Model | Sound Pressure dB(A) | | Sound Power dB(A) |
|----------|-------|----------------|----------------------|---------|-------------------|
| HP | kW | | Cooling | Heating | |
| 8 | 22.4 | AM080JXVAFH/AZ | 57 | 59 | 77 |
| 10 | 28.0 | AM100JXVAFH/AZ | 58 | 62 | 79 |
| 12 | 33.6 | AM120JXVAFH/AZ | 62 | 64 | 81 |
| 14 | 40.0 | AM140JXVAFH/AZ | 61 | 63 | 81 |
| 16 | 45.0 | AM160JXVAFH/AZ | 63 | 65 | 83 |
| 18 | 50.4 | AM180JXVAFH/AZ | 64 | 66 | 86 |
| 20 | 56.0 | AM200JXVAFH/AZ | 65 | 67 | 87 |
| 22 | 61.6 | AM220JXVAFH1AZ | 63 | 66 | 83 |
| 24 | 67.2 | AM240JXVAFH1AZ | 65 | 67 | 84 |
| 26 | 72.8 | AM260JXVAFH1AZ | 65 | 67 | 84 |
| 28 | 78.6 | AM280JXVAFH1AZ | 66 | 68 | 85 |
| 30 | 84.0 | AM300JXVAFH1AZ | 66 | 68 | 87 |
| 32 | 89.6 | AM320JXVAFH1AZ | 67 | 69 | 88 |
| 34 | 96.0 | AM340JXVAFH1AZ | 66 | 68 | 88 |
| 36 | 101.0 | AM360JXVAFH1AZ | 67 | 69 | 88 |
| 38 | 106.4 | AM380JXVAFH1AZ | 68 | 70 | 90 |
| 40 | 112.8 | AM400JXVAFH1AZ | 68 | 70 | 90 |
| 42 | 117.8 | AM420JXVAFH1AZ | 67 | 70 | 88 |
| 44 | 123.2 | AM440JXVAFH1AZ | 68 | 70 | 89 |
| 46 | 128.8 | AM460JXVAFH1AZ | 68 | 70 | 89 |
| 48 | 134.4 | AM480JXVAFH1AZ | 68 | 70 | 89 |
| 50 | 140.0 | AM500JXVAFH1AZ | 69 | 71 | 90 |
| 52 | 145.6 | AM520JXVAFH1AZ | 69 | 71 | 91 |
| 54 | 151.4 | AM540JXVAFH1AZ | 69 | 71 | 91 |
| 56 | 156.8 | AM560JXVAFH1AZ | 69 | 71 | 91 |
| 58 | 162.4 | AM580JXVAFH1AZ | 69 | 71 | 91 |
| 60 | 168.0 | AM600JXVAFH1AZ | 70 | 72 | 92 |
| 62 | 173.6 | AM620JXVAFH1AZ | 69 | 71 | 91 |
| 64 | 179.2 | AM640JXVAFH1AZ | 70 | 72 | 91 |
| 66 | 185.6 | AM660JXVAFH1AZ | 70 | 72 | 91 |
| 68 | 190.6 | AM680JXVAFH1AZ | 70 | 72 | 91 |
| 70 | 196.0 | AM700JXVAFH1AZ | 70 | 72 | 92 |
| 72 | 201.6 | AM720JXVAFH1AZ | 70 | 72 | 92 |
| 74 | 207.2 | AM740JXVAFH1AZ | 70 | 72 | 92 |
| 76 | 212.8 | AM760JXVAFH1AZ | 71 | 73 | 92 |
| 78 | 218.4 | AM780JXVAFH1AZ | 71 | 73 | 93 |
| 80 | 224.0 | AM800JXVAFH1AZ | 71 | 73 | 93 |

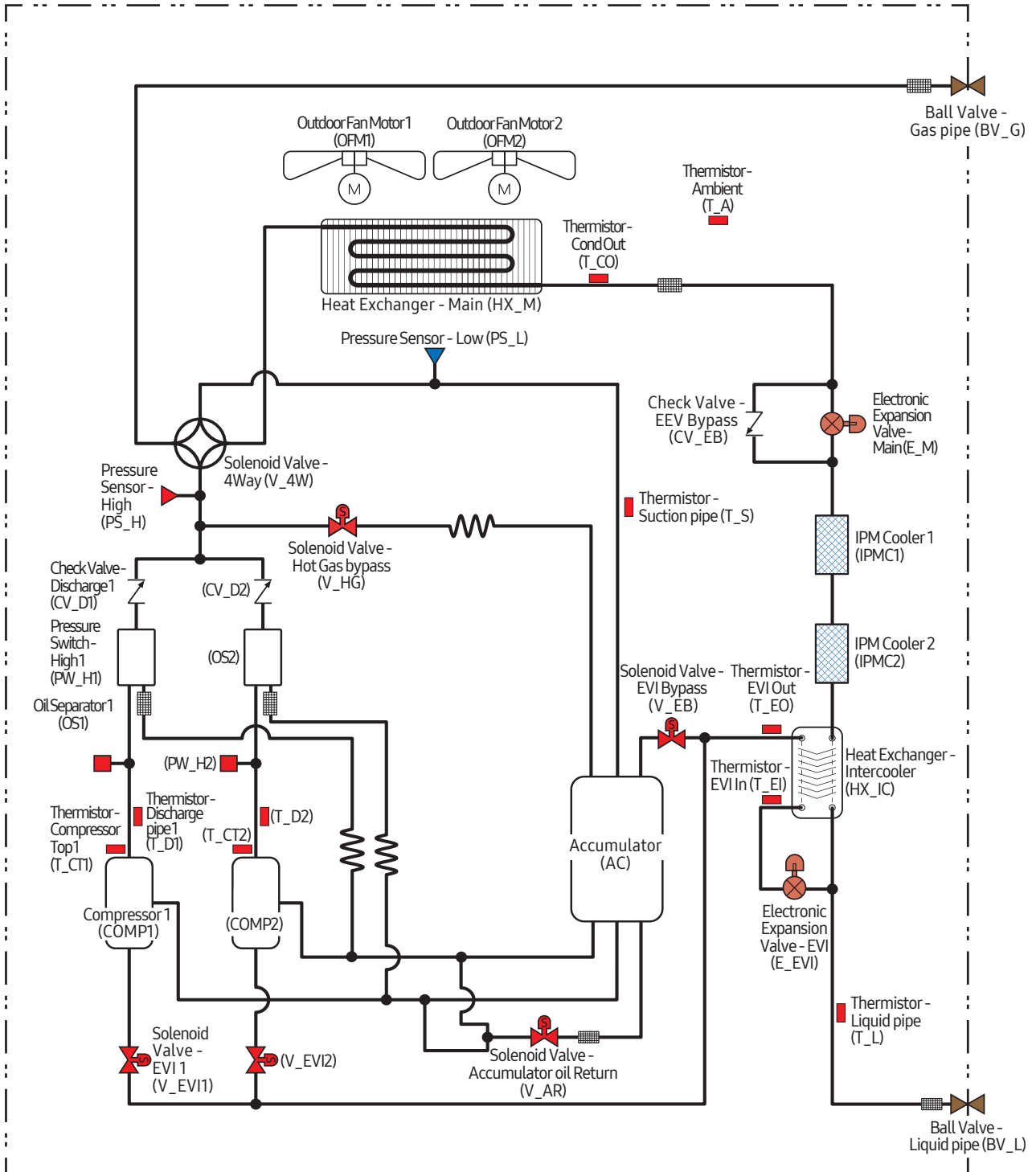
NOTE

- Sound Pressure Level
 - Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20μPa
- Sound Power Level
 - Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level.
 - Reference power : 1pW.
 - Measured according to ISO 3741.

9. Piping Diagram

Outdoor unit

(2) AM140~200JXVAFH/AZ



2019.05
Ver.2.0