
OUTDOOR UNITS

MULTI V 5 (HEAT RECOVERY)

MULTI V 5 (HEAT PUMP)

MULTI V 5 PRO (HEAT PUMP)

MULTI V S (COOLING ONLY / HEAT PUMP / HEAT RECOVERY)

MULTI V WATER IV (HEAT PUMP / HEAT RECOVERY)



INNOVATIVE TECHNOLOGIES

Dual Sensing Smart Load Control (SLC)

Enhanced energy saving & increased indoor comfort

Cooling loads vary according to both temperature and humidity. With Dual Sensing SLC, work exerted to meet the load depends on both temperature and humidity. As a result, less capacity will be required in lower humidity conditions.

It influences the VRF system main processor's decision on where to set the system's target high or low system pressure values.

Smart Load Control responds to :

- 1) Outdoor ambient dry bulb temperature
- 2) Outdoor ambient relative humidity (when enabled)

Cooling Indoor Units - adjusts target low pressure

Raises the target low pressure value as cooling load falls and/or ambient temperature falls. Lowers the target low pressure value as cooling load rises and/or ambient temperature rises.

Heating Indoor Units - adjusts target high pressure

Lowers the target high pressure as heating load falls and/or ambient temperature rises. Raises the target high pressure as heating load rises and/or ambient temperature falls.

What are the benefits?

Enhanced energy savings

- Cooling Mode

By raising the target low pressure during off-peak cooling operation, the compressor lift is reduced. This slows compressor's speed which leads to a decrease in compressor's power consumption.

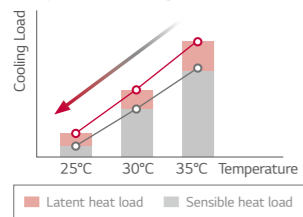
- Heating Mode

By lowering the target high pressure during off-peak heating operation, the compressor lift is reduced. This slows compressor's speed which leads to a decrease in compressor's power consumption.

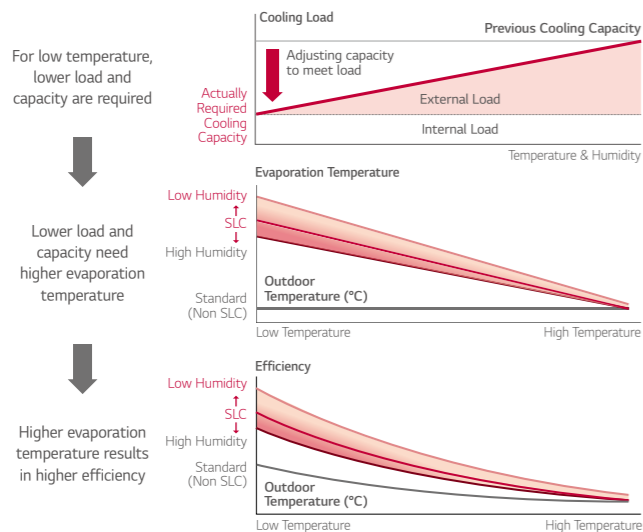
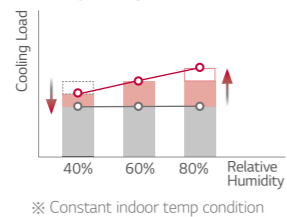
Increased indoor comfort

Smart Load Control uses one (or two) sensors to measure changing outdoor weather conditions and prepares the VRF system for operation under the revised weather conditions before changing conditions impact indoor comfort.

Cooling load according to temperature change



Cooling load according to humidity change



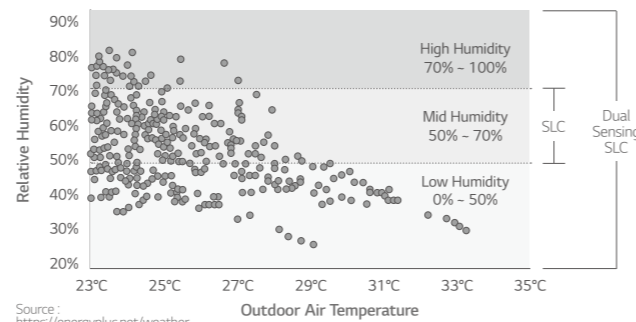
Energy Savings with Dual Sensing Control (Temperature & Humidity)

Case study

Weather characteristics of Warsaw, Poland

The portion of cooling operation hours at low humidity condition (Below 50% RH) is big. The cooling load of this condition is less than the load at standard (50 - 70% RH) or high (over 70% RH) humidity condition even in the same outdoor air temperature. MULTI V 5 raises the evaporating Temp up at low load (Low humidity) condition to enable energy saving and prevent over-cooling which can happen when the system is controlled only by using outdoor air Temp.

Warsaw weather in Summer



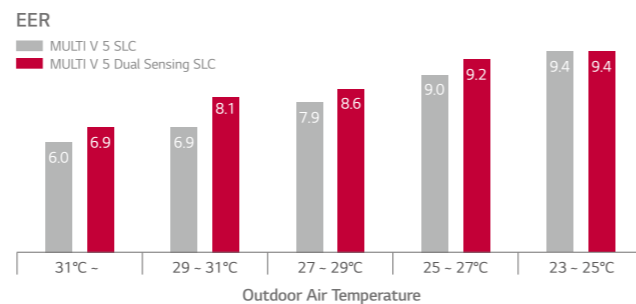
Source: <https://energyplus.net/weather>

Time Portion of Relative Humidity in Summer (Warsaw, Poland)

| RH (%) | Portion |
|------------|---------|
| 70% - 100% | 8% |
| 50% - 70% | 45% |
| 0% - 50% | 47% |

Energy Consumption in Cooling Season

When we compared the energy consumption between SLC (Outdoor air Temp sensing only) and Dual sensing SLC (Outdoor air Temp and humidity sensing), Dual sensing SLC control can save 6% more energy compared to SLC. So dual sensing control is more efficient than SLC.



※ This energy simulation was performed in LG internally based on 16HP model

Power Consumption in Cooling Season

Yearly Power Input (kWh) - ODU

| OAT | MV4 (Fixed) | MV5 SLC | MV5 Dual SLC |
|---------|-------------|------------|--------------|
| 31 - | 17 | 15 | 13 |
| 29 - 31 | 91 | 73 | 62 |
| 27 - 29 | 183 | 136 | 124 |
| 25 - 27 | 243 | 170 | 165 |
| 23 - 25 | 155 | 110 | 109 |
| Total | 690 (137%) | 503 (100%) | 474 (94%) |

6% more energy saving compared to SLC

INNOVATIVE TECHNOLOGIES

Comfort Cooling

Increased indoor comfort & enhanced operating efficiency

First reference use Indoor Unit (IDU) is operating in a season when its load is less than the design load, the comfort cooling algorithm controls the indoor unit's coil superheat, thus raising the discharged air temperature as the space temperature is approaching set point. MULTI V 5's comfort control algorithm monitors the outdoor air temperature and humidity conditions. When changing weather conditions are deteriorating and there is a high potential the indoor unit's load will remain stable or may increase, comfort cooling delays or abandons raising the target superheat as the room temperature approaches set-point. When changing weather conditions are favorable to raising target superheat, target superheat is moderated.

What are the benefits?

Increased indoor comfort

If comfort cooling is turned off, and the temperature of the leaving air is not raised, when the fan speed is reduced to low speed, there is a potential that occupants located directly under a cassette IDU or supply air registers could feel cold air falling on them resulting in a lower overall comfort experience. With comfort cooling turned on, the discharged air temperature is controlled. When the IDU controller reduces the fan speed, the potential for cold air falling on occupants located under the cassette IDU or supply air registers is reduced.

Enhanced operating efficiency

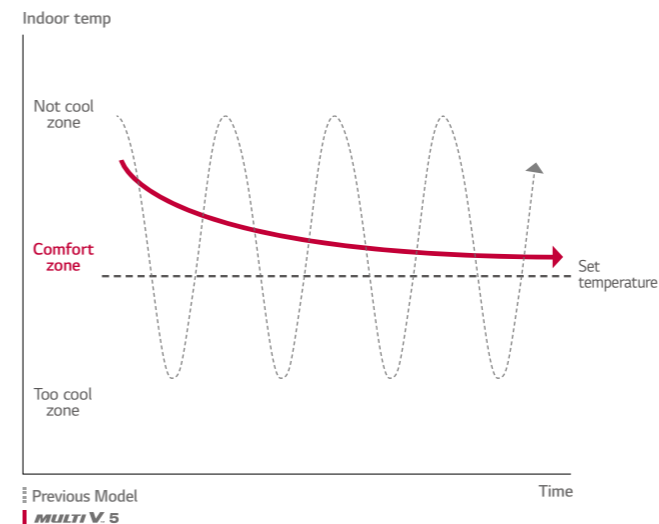
Raising superheat reduces refrigerant volume flowing through the coil. As flow decreases, demand on the compressor decreases and the compressor speed will be reduced, thus saving energy.



※ Indoor unit set up available with Standard III Remote Controller.

Preventing cold draft & repeated turn On / Off

Improved Indoor Comfort



Previous Model
MULTI V. 5

Intelligent Defrost

Increased heating run-hours

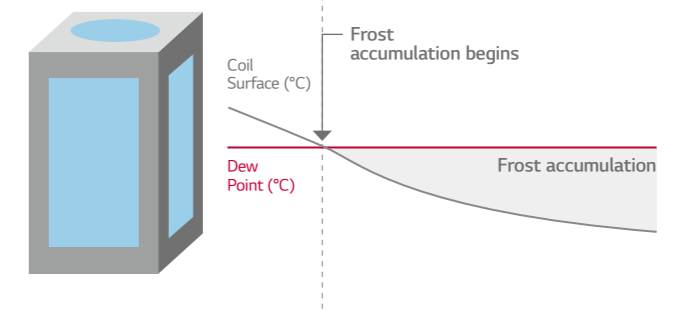
MULTI V has provided an intelligent defrost algorithm and settings based on current outdoor ambient temperature. With the addition of the outdoor air humidity sensor, MULTI V 5 Intelligent Defrost just got smarter.

MULTI V 5 computes the current ambient air dew point temperature - the temperature at which frost will form on the outdoor unit coil in during winter operation. MULTI V 5 makes continuous adjustments to the refrigeration cycle's operating parameters to keep the outdoor coil surface temperature above actual dew point which can be calculated by using dry bulb Temp and relative humidity. When the refrigeration cycle's operating parameters can be adjusted no further without sacrificing heating comfort, further adjustment is stopped and frost is allowed to build on the coil, therefore activating defrost.

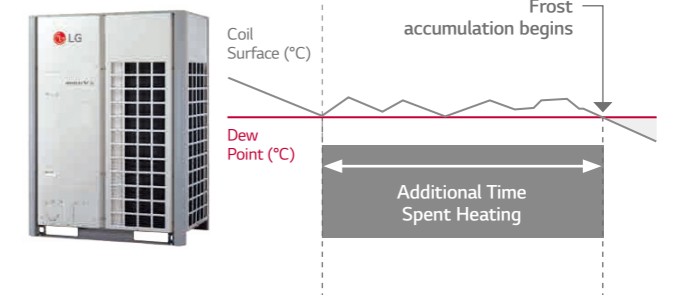
What are the benefits?

The Intelligent Defrost algorithm increases the VRF system's heating run-hours and reduces the number of defrost cycles required to maintain optimum heating performance irrelevant of the mode and method of defrost selected.

Conventional Defrost



LG Intelligent Defrost / Smart Heating



※ Increased heating operation time per day : Up to 17%
 • LG Internal Test result,
 • Test condition (MULTI V 5 vs MULTI V IV, 22HP)
 - Outdoor : 2/1°C, Indoor : 20/15°C
 - Humidity : 83%, Dew Point : -0.5°C

INNOVATIVE TECHNOLOGIES

Variable Path Heat Exchanger

Optimized system efficiency & continuous heating


MULTI V 5 outdoor units (ODU) are manufactured with horizontally split ODU coil consisting of two independent circuit sections. Each half of the coil is independently controlled.

This split coil feature makes it possible for MULTI V 5 to provide continuous heating during defrost. The split coil and valve arrangement also makes it possible for the MULTI V 5 to change the flow path of refrigerant through one of the two coils only, or through both coils in either a series or parallel arrangement. Based on system pressures, ambient temperature conditions, and mode of operation, the system controller may modify the selected path at any time.

What are the benefits?


Optimizes system efficiency regardless of operating modes as ambient weather conditions change.

Customizes the used area of the outdoor unit's heat exchange surface.




Low ambient cooling and / or light building load

- Half active
- Lower idle



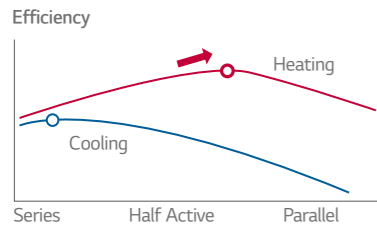
Full load cooling

- Upper & lower active
- Series circuited
- High velocity refrigerant flow



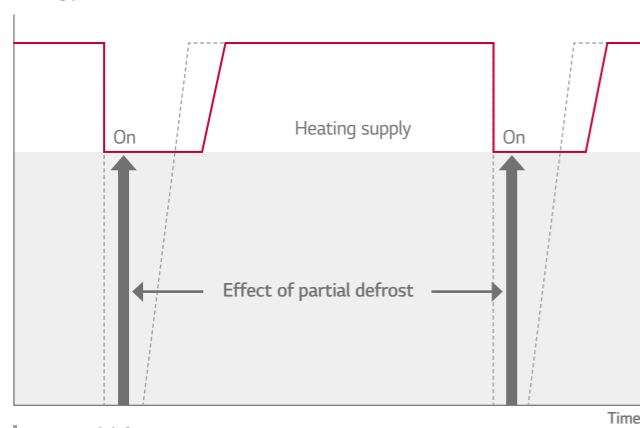
Heating - all conditions

- Upper & Lower active
- Parallel circuited
- Low velocity refrigerant flow



Continuous Heating

Heating performance



Non-Partial defrost
MULTI V. 5

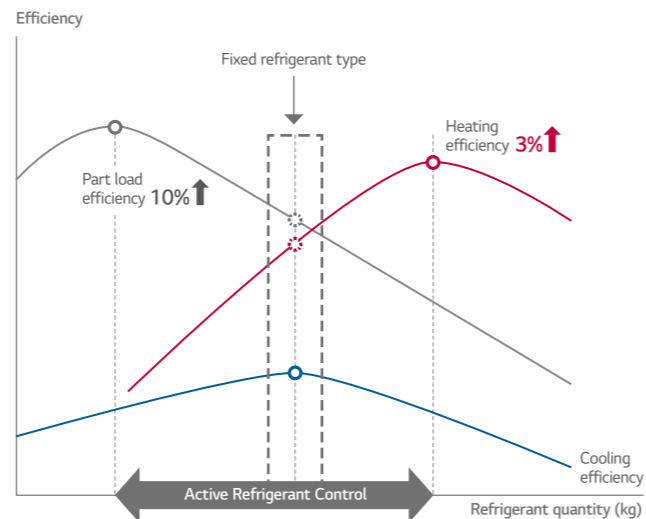
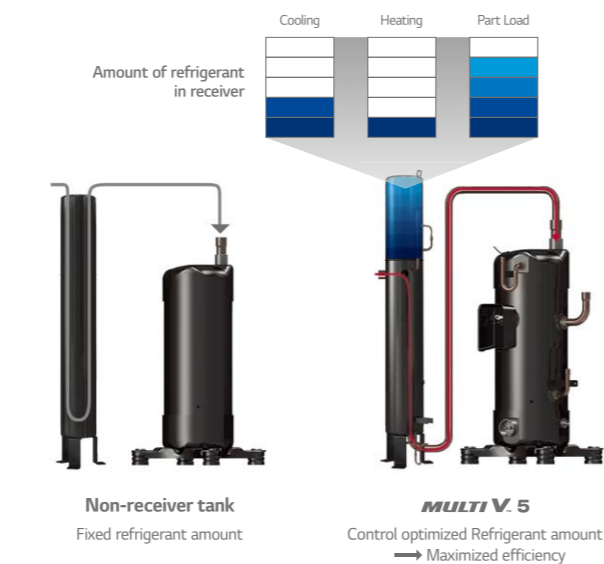
Active Refrigerant Control

Stable operation & sustaining most efficient operation

The accumulator in the outdoor unit has a storage tank mounted inside known as the receiver tank. The receiver tank is equipped with inlet and outlet valves that are electronically opened and closed. Refrigerant is being passed between the accumulator and the receiver tank on a continuous basis. MULTI V 5 active refrigerant control algorithm goal is to minimize the amount of refrigerant in circulation. The lower the volume in circulation the lower the cost to move it around the system and the higher the stability of the refrigeration cycle. It accomplishes this by constantly monitoring the system operating pressures and temperatures and a variety of other vital control metrics of the refrigeration cycle. When the cycle is out of balance, an adjustment in the amount of circulating refrigerant occurs.

What are the benefits?

Widens the ambient temperature range at which stable operation occurs. Sustains most efficient system operation regardless of outdoor weather conditions, operating mode, or building load.



INNOVATIVE TECHNOLOGIES

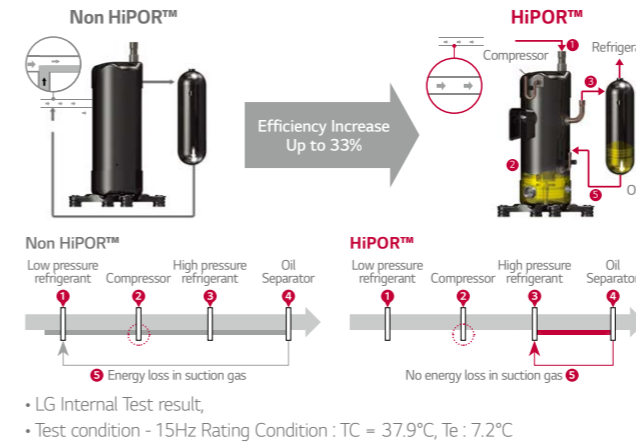
HiPOR™

Advanced compressor reliability & efficiency

HiPOR™ is an LG trademark that stands for High Pressure Oil Return. It consists of an oil separator, oil drain line between the separator and the compressor. HiPOR™ technology enables oil to return directly into the compressor, instead of returning through the refrigerant suction pipe. This prevents energy waste when oil flows between the separator and the compressor. Because the operating pressure in the chamber containing the oil sump of the compressor and the pressure in the oil separator are nearly equal, there is no loss in compressor efficiency.

What are the benefits?

Maximizes reliability and efficiency of the compressor.



Smart Oil Management

Energy saving, enhanced heating & increased compressor reliability

MULTI V 5 performs oil return when needed under normal operating conditions. An oil level sensor is provided in every LG VRF compressor. If the sensor indicates the compressor oil level is low, the main system processor is notified that an oil return cycle is necessary. Oil balancing cycle occurs every hour and does not hinder system performance. It balances the oil level deposit between both compressors in multi-compressor frames. Older VRF technology protects compressors from oil loss based on timed oil return logic because there was no way to know if the oil level in any one compressor was low. LG's unique oil level measuring sensor actively monitors the oil level in each compressor.

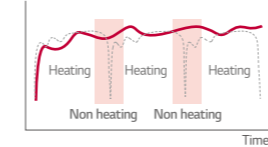
What are the benefits?

Energy savings : fewer oil return cycles eliminate unnecessary energy consumption.

Increases system heating run-time during winter operation.

Increases compressor reliability.

Heating Performance

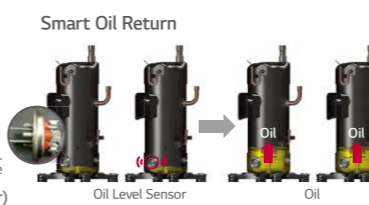


Timed oil return logic (Non-oil Sensor)

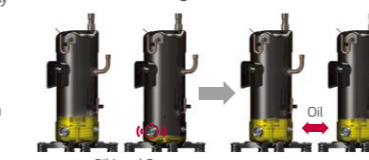
MULTI V. 5

Increased heating operation time per day : Up to 12%

- LG Internal Test result,
- Test condition
- without oil level sensor : every 8 hour oil recovery operation
- with oil level sensor : non oil recovery operation



Auto Oil Balancing



Sub-cooling & Vapor Injection

Increased heating performance

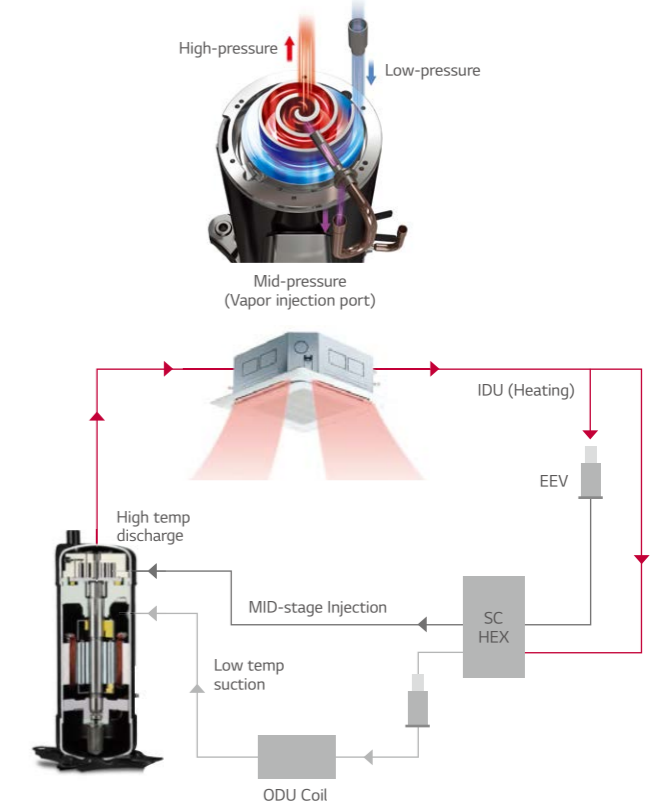
MULTI V 5 is equipped with advanced sub-cooler and vapor injection control system. The sub-cooler algorithm sub-cools liquid refrigerant just enough so that it can travel to the farthest IDU in the system operating in cooling mode without changing state. During low ambient operation down to -25°C (Heating mode), the sub-cooler provides medium temperature refrigerant gas to the compressor's vapor injection system. When injected into the compression chamber, system mass flow increases which stabilizes the system's suction pressure. In all cases the vapor injection increases the compressors cycle efficiency and reduces operating cost.

What are the benefits?

Provides stable refrigeration cycle operation over a wide range of outdoor ambient operating conditions.

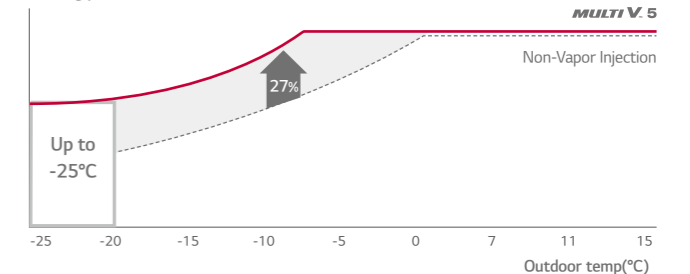
Increases compressor efficiency when compared to systems without vapor injection technology.

Technology Mechanism



Performance Comparison

Heating performance



※ Improved heating performance by 27%
※ Comparison tested on 10HP model

INNOVATIVE TECHNOLOGIES

Corrosion Resistance Black Fin

Improved durability

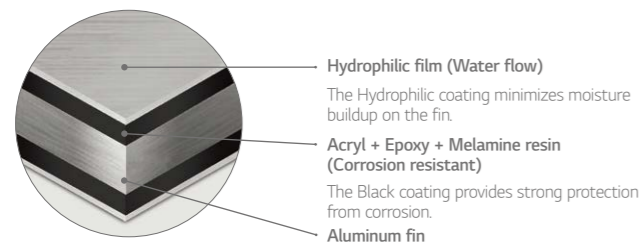
The black coating with enhanced epoxy resin is applied on the heat exchanger for strong protection from various corrosive external conditions such as salt contamination and air pollution. Moreover, the hydrophilic film keeps water from accumulating on the heat exchanger's fin, minimizing moisture buildup and eventually making it even more corrosion resistant. LG Corrosion Resistance solution passed ISO 21207 accelerated corrosion test conducted by an independent test organization and the result has been certified by prestigious global certification organization, TÜV.

What are the benefits?

This improvement in durability prolongs the product's lifespan and lowers both the operational and maintenance costs.



※ Verification of corrosion resistance performance
 - Declared by TÜV Rheinland
 - Test Method B of ISO21207
 - Test condition : Salt contaminated condition + severe industrial/traffic environment(NO₂ / SO₂)



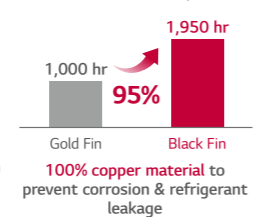
SST (Salt Spray Test)

Test Process



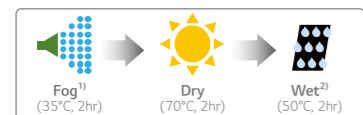
Test process is conducted according to ISO 9227.
 1) Salty water concentration : NaCl aqueous solution (5%)

Test Result
 (5% Area of defects compared to initial)



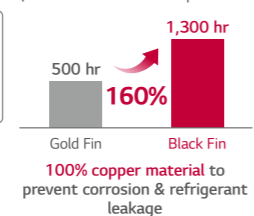
CCT (Cyclic Corrosion Test)

Test Process



※ Test process is conducted according to ISO 14933.
 1) Salty water concentration : NaCl aqueous solution (5%)
 ※ Dry condition changed : 60°C, 4hr → 70°C, 2hr
 2) Deionized water

Test Result
 (5% Area of defects compared to initial)



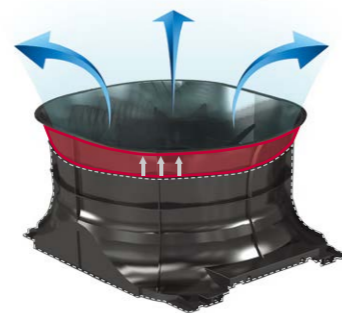
Biomimetic Fan

Maximized performance

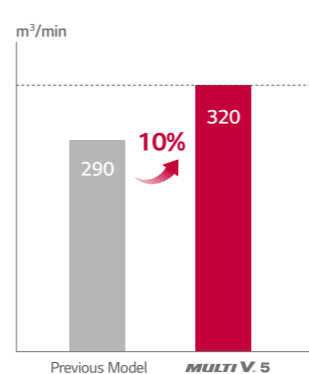
The fans in MULTI V 5's outdoor unit have been upgraded to feature a moire pattern similar to that of a clam shell's exterior that help with noise reduction. At the same time, unlike the fans installed in previous products that generate separation of flow due to absence of tubercles, the bumpy back design inspired by the bumps on the humpback whale's flipper is applied as the tubercles on the back side of the fans, increasing wind power by reducing flapping. In addition to the biomimetic technology-based fans, extended shroud of MULTI V 5 allows more high static pressure and helps fans to blow higher air volume for efficient operation. With wider air guide, discharged air current is stabilized and noise level is reduced.

What are the benefits?

Based on the biomimetic technology, the fans of MULTI V 5 increased air flow rate by 10% in comparison to previous model and reduced its power consumption up to 20% when compared with the fan blade design on MULTI V IV. This eventually results in maximized performance with large capacity.

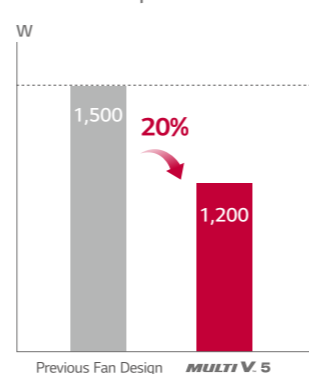


Air flow rate



※ Comparison based on 20HP model

Power consumption



※ Comparison based on air volume of 290m³/min

DESIGN FLEXIBILITY

One Unified Model

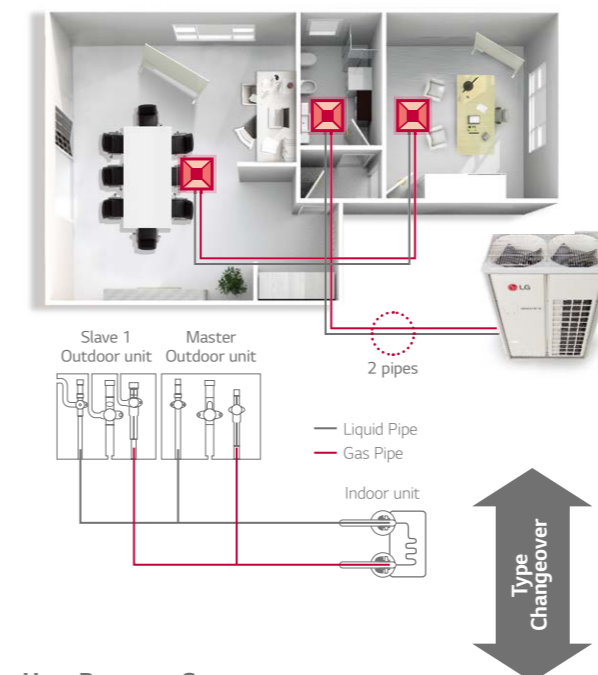
Heat pump / Heat recovery with one platform

LG MULTI V 5 satisfies users' various needs with just one platform. Heat Pump System works for the sites where either cooling or heating operation is needed, while Heat Recovery System fits perfectly to the sites wherein both the cooling and heating operations are simultaneously needed or locations installed with Hot Water Solution to provide hot water and heating via radiators.

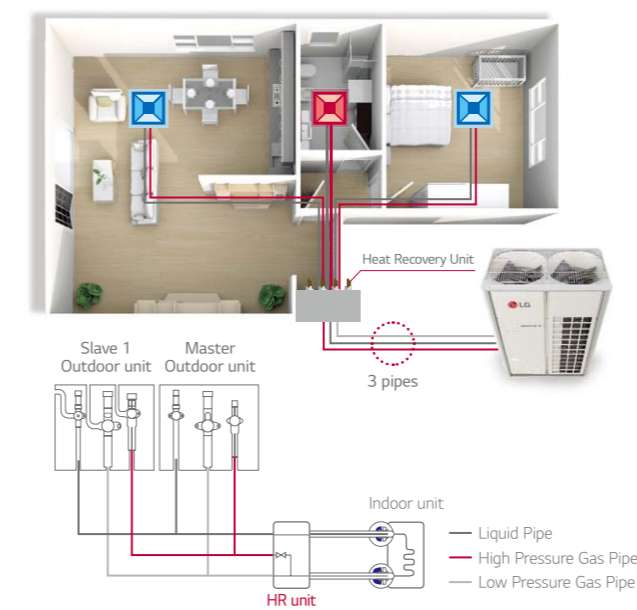
What are the benefits?

MULTI V 5 allows the building previously installed with Heat Pump system to switch to the Heat Recovery system (by adding HR boxes and a third pipe) for changing purpose of the building or remodeling reasons via simple piping construction.

Heat Pump System



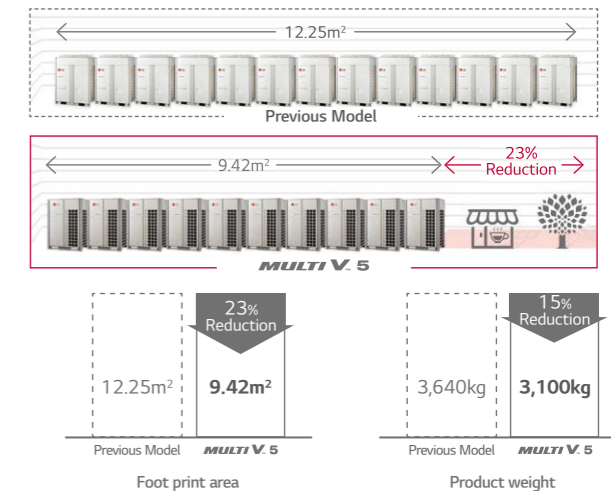
Heat Recovery System



Flexible Installation with Large Capacity Outdoor Units

More flexible design potential & space saving

Large capacity outdoor units of MULTI V 5 minimize installation space that spares valuable floor space and significantly decreases total installed weight. This gives users more flexible design potential and better use of the saved space.

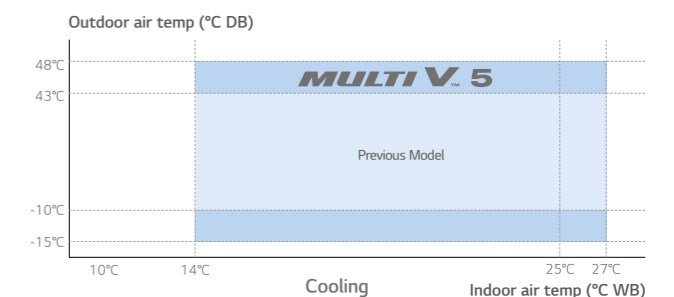
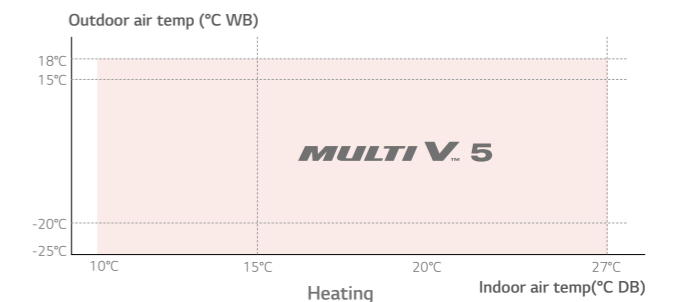


※ Comparison basis : 1 Rows of outdoor units 728kW (728kW x 10sets) installation case

Wider Operation Range

Able to operate at extreme conditions

With improved inverter cooling technology, sub-cooling and vapor injection, MULTI V 5 offers an extended range of heating and cooling operations. It can perform normal heating operations at temperatures as low as -25°C. Cooling operations function at temperatures as low as -15°C or as high as 48°C making it an adequate solution for specialized areas like technical rooms. Moreover, MULTI V 5's cycle technology with enhanced durability enables optimal cooling performance at high temperature that increases up to 48°C.



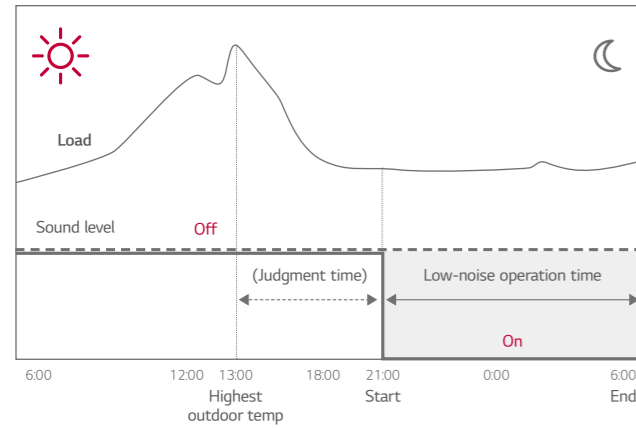
USER-FRIENDLY CONTROL

Low-Noise Operation

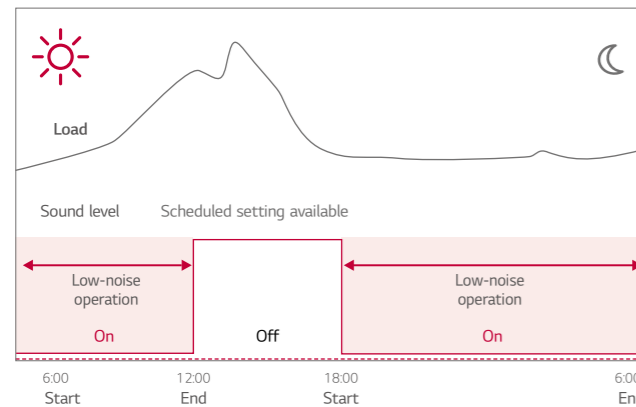
For noise sensitive environment

Unlike the previous model which enables Low-Noise Operation only during night after judgment time, the Low-Noise Operation of MULTI V 5 can function regardless of the time at the noise sensitive areas. When used, the speed of the outdoor unit fans is restricted during normal operation.

Previous Model



MULTI V 5



Indoor setting available

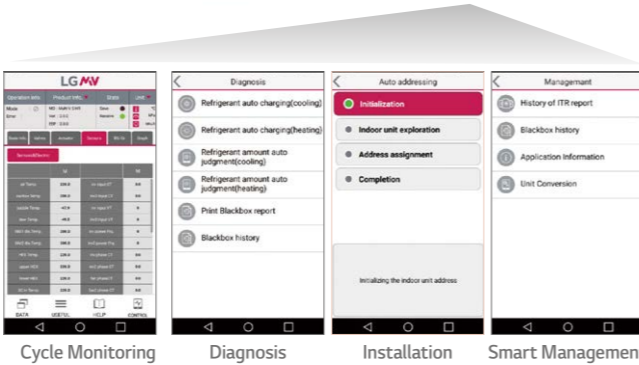
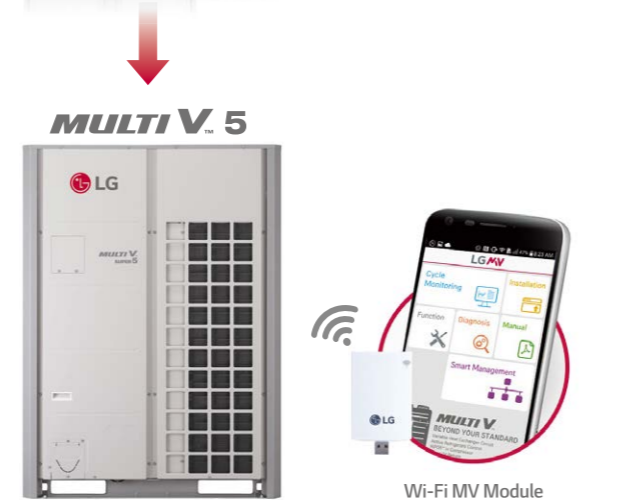


Simple Test Run via LGMV

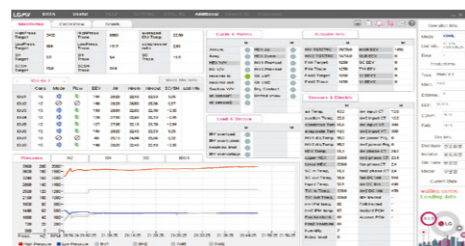
Increased overall efficiency in installation

To make sure that the product functions properly, conducting a test run is recommended. For previous product, professional engineer who is well-aware of more than 40 different functional settings and more than 200 error codes had to check main parts in order to make sure that the test run had succeeded. With Mobile LGMV of MULTI V 5, fast and accurate auto test run can be executed and the professional installer running the test can receive test results via email, which shortens installation hours and increases overall efficiency in installation processes.

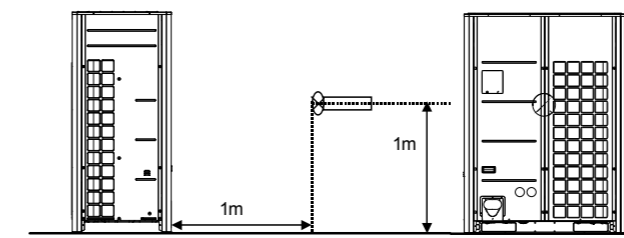
Previous



LGMV



Position of Sound Pressure Level Measuring



- Data is valid at free field condition.
- Data is valid at nominal operating condition.
- Sound level will vary depending on a range of factors such as the construction (Acoustic absorption coefficient) of particular room in which the equipment is installed.
- Sound level can be increased in static pressure mode or used air guide.

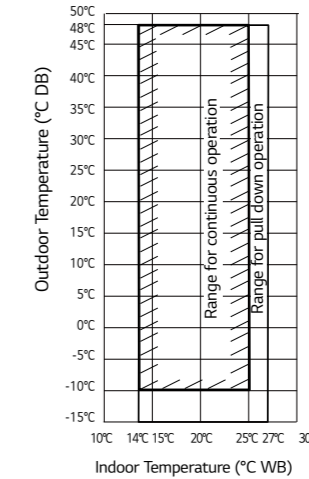
Outdoor Units Function

| Category | Functions | MULTI V 5 |
|-----------------------------|--|------------|
| Key Refrigerant Components | Variable Path of Outdoor Unit HEX | ○ |
| | HiPOR™ (High Pressure Oil Return) | ○ |
| | Humidity Sensor | ○ |
| | Corrosion Resistance Black Fin | ○ |
| | Oil Sensor | ○ |
| Useful Function | Dual Sensing | ○ |
| | Low Noise Operation | ○ |
| | High Static Mode of Outdoor Unit Fan | ○ |
| | Partial Defrosting | ○ |
| | Auto Dust Removal of Outdoor Unit (Fan reverse rotation) | ○ |
| Reliability | Indoor Cooling Comfort Mode Based Outdoor Temperature | ○ |
| | Smart Load Control (SLC) (Changing indoor discharge air temperature according to load) | ○ |
| | Outdoor Unit Control Refer to Humidity | ○ |
| | Defrost / Deicing | ○ |
| | High Pressure Switch | ○ |
| Central Controller | Phase Protection | ○ |
| | Restart Delay (3-minutes) | ○ |
| | Self Diagnosis | ○ |
| | Soft Start | ○ |
| | Test Run Function | ○ |
| BNU (Building Network Unit) | AC Ez (Simple Controller) | PQCSZ250S0 |
| | AC Ez Touch | PACEZA000 |
| | AC Smart IV | PACS4B000 |
| Installation | AC Smart 5 | PACS5A000 |
| | ACP (Advanced Control Platform) IV | PACP4B000 |
| | ACP (Advanced Control Platform) 5 | PACP5A000 |
| Cool / Heat Selector | AC Manager 5 | PACM5A000 |
| | Refrigerant Charging Kit | PRAC1 |
| Low Ambient Kit | Variable Water Flow Valve Control Kit | - |
| | Standard | PPWRDB000 |
| IO Module (ODU Dry Contact) | Premium | PQNUD1S40 |
| | Cool / Heat Selector | PRDSBM |
| Cycle Monitoring Device | Low Ambient Kit | PRVC2 |
| | Standard | PVDSMN000 |
| Mobile LGMV | LGMV | PRCTILO |
| | Mobile LGMV | PLGMVW100 |

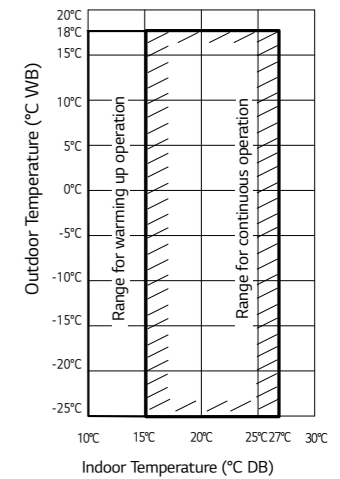
※ ○ : Applied, - : Not Applied

Cooling / Heating Operation

Cooling



Heating

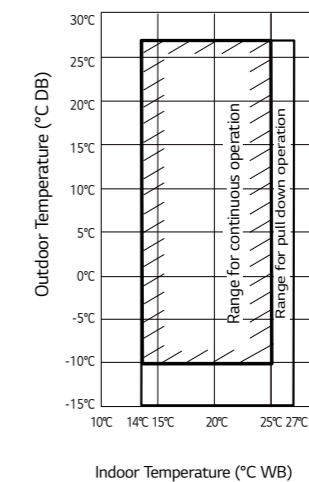


Note

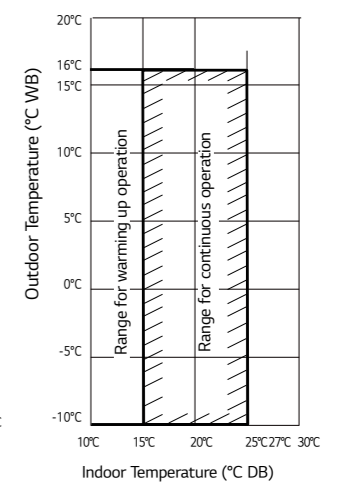
1. These figures assume the following operating conditions :
Equivalent piping length : 7.5m
Level difference : 0m
2. Range of pull down operation :
If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
3. Warming up operation means that the outdoor unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

Simultaneous Cooling / Heating Operation

Cooling



Heating



Note

1. These figures assume the following operating conditions :
Equivalent piping length : 7.5m
Level difference : 0m
2. Range of pull down operation :
If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.

MULTI V 5 Q&A

Q1 What are the differences between MULTI V IV and MULTI V 5?

| Category | MULTI V IV H/P (ARUN***LTE4) | MULTI V 5 H/P & H/R (ARUM***LTE5) |
|---|------------------------------|-----------------------------------|
| Vapor Injection | ○ | ○ |
| HiPOR™ | ○ | ○ |
| Smart Oil Control (Oil Level Sensor) | ○ | ○ |
| Active Refrigerant Control | ○ | ○ |
| Variable Heat Exchanger Circuit | ○ | ○ |
| Continuous Heating | ○ | ○ |
| Smart Load Control | ○ | ○ |
| Dual sensing (Humidity Sensor) | - | ○ |
| Comfort Cooling | ○ | ○ |
| Ocean Black Fin | - | ○ |
| Maximum Capacity (1 Unit / 4 Unit) | 20 HP / 80 HP | 26 HP / 96 HP |
| Height Difference (ODU - IDU / IDU - IDU) | 110m / 40m | 110m / 40m |
| Cooling Operating Range (OAT, °CDB) | -10 ~ 43 | -15 ~ 48 |
| Heating Operating Range (OAT, °CWB) | -25 ~ 18 | -25 ~ 18 |
| Combination ratio of IDU | 1 Unit | 50 ~ 200% |
| | 2 Unit | 50 ~ 160% |
| | 3 or 4 Units | 50 ~ 130% |

※ ○ : Applied, - : Not Applied

Q2 Can MULTI V 5 ODU be connected with the 2 series indoor unit?

A2 Yes, MULTI V 5 ODU can be connected with the 2 series indoor unit. In this case, the ODU DIP Switch No.3 should be "OFF" which is default setting. Refer to the below table.

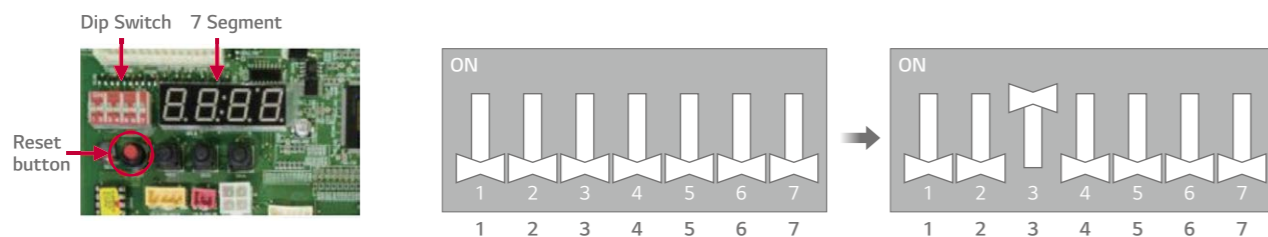
| ODU | IDU | Compatibility | ODU DIP Switch No. 3 | If dip switch setting is not correct | Ref. |
|-------------------------|-----------------|---------------|---------------------------------------|---|---|
| | Gen. 2 (ARNU*2) | ○ | Must be OFF (factory default) | Can not communicate between Indoor & Outdoor unit (System will not be operated) | |
| MULTI V IV MULTI V 5 | Gen. 4 (ARNU*4) | ○ | Must be ON to enable gen. 4 functions | When Dip Switch No.3 is OFF, System can be operated, but some function of Gen. 4 is not available | |
| | Gen. 2 + Gen. 4 | ○ | Must be OFF (factory default) | When Dip Switch No.3 is ON, Can not communicate between Gen. 2 Indoor & Outdoor unit (Gen 2 units are not operated), only Gen 4 Units are operated. | Some functions of Gen.4 are not available |

※ ○ : Applied, - : Not Applied

ODU dip switch setting procedure (No.3)

ODU main PCB dip switch is all "OFF" at default state

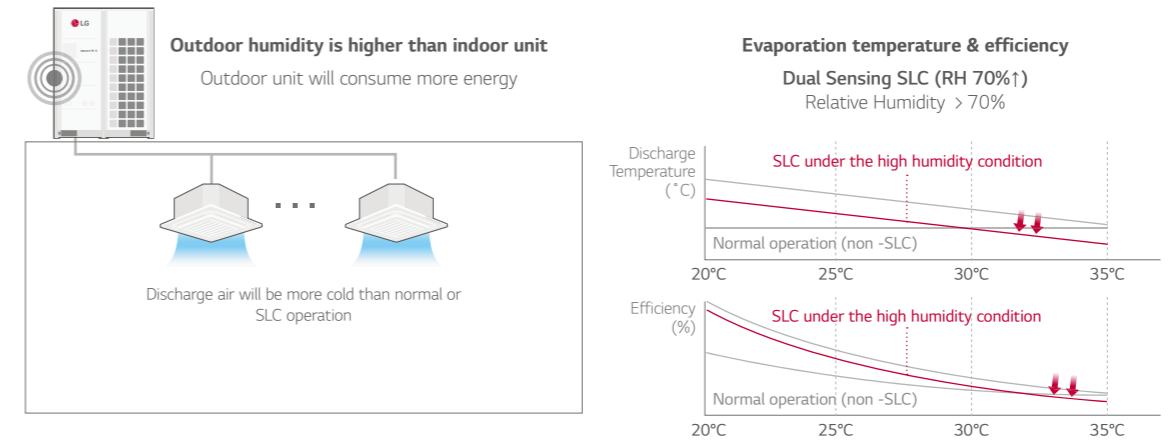
- (1) Check and make sure that all connected indoor units are 4 series. (ARNU*****4.)
- (2) Change Dip switch No. 3 from OFF → ON
- (3) Push the reset button.



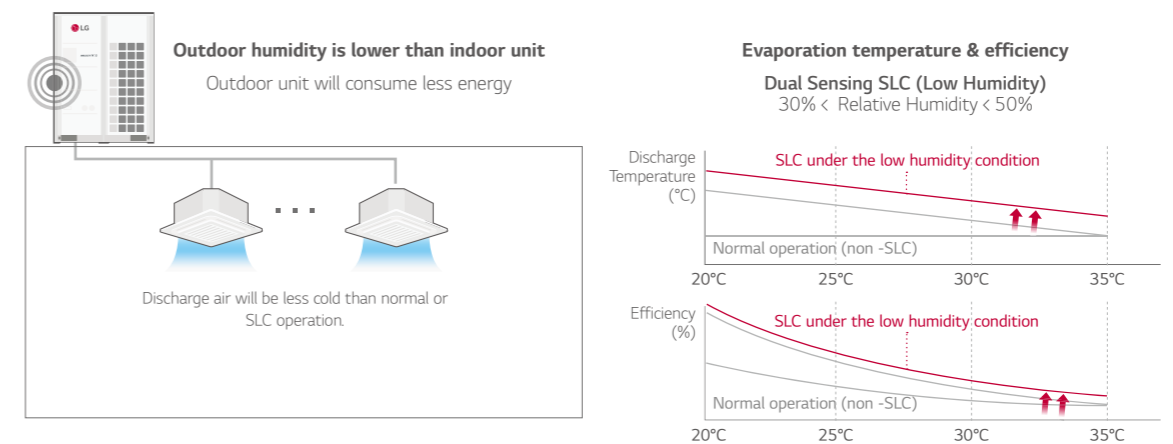
MULTI V 5 Q&A

Q3 How does MULTI V 5 operate when humidity reference of the dual sensing SLC is that of the outdoor?

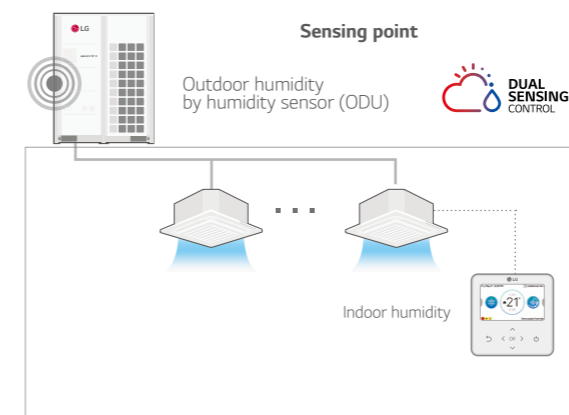
A3 During dual sensing SLC, outdoor unit changes target pressure of the system referring to temperature and humidity in cooling mode.
 - When the humidity of outdoor side is higher than that of indoor side, outdoor unit will lower target pressure to remove humidity, thus outdoor unit will consume more energy and indoor will be more cooled compared to SLC operation but more efficiency than normal operation.



- When the humidity of outdoor side is lower than that of indoor side, outdoor unit will rise target pressure to save energy and keep comfort, but indoor humidity will be less removed compared to normal operation.



To maximize comfort and energy efficiency, the outdoor unit's humidity sensing can be turned off or a standard remote control can be installed to sense indoor humidity.



SLC Setting

CASE 1. Dual Sensing SLC with Outdoor humidity sensor in ODU Setting

Setting summary
 DIP-SW01 #5 On
 Func > Fn14 > Off, op1 - op3

CASE 2. Dual Sensing SLC with Indoor humidity sensor in New Standard R/C setting (PREMTB100)

Setting summary
 Function? Smart Load Control? Off, op1 - op3

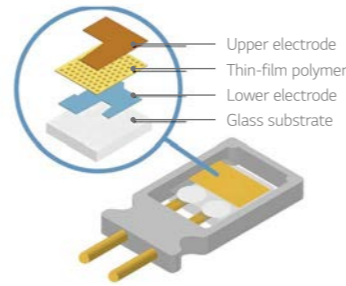
※ User can turn off humidity control in ODU Setting (humidity reference)
 <Setting summary> ODU DIP-SW01 #5 On > Func > Fn16 > Off

MULTI V 5 Q&A

Q4 What is the principle and accuracy of humidity sensor?

A4 Total Tolerance (%) = Sensor measurement tolerance (%) + Location of sensor tolerance (%)

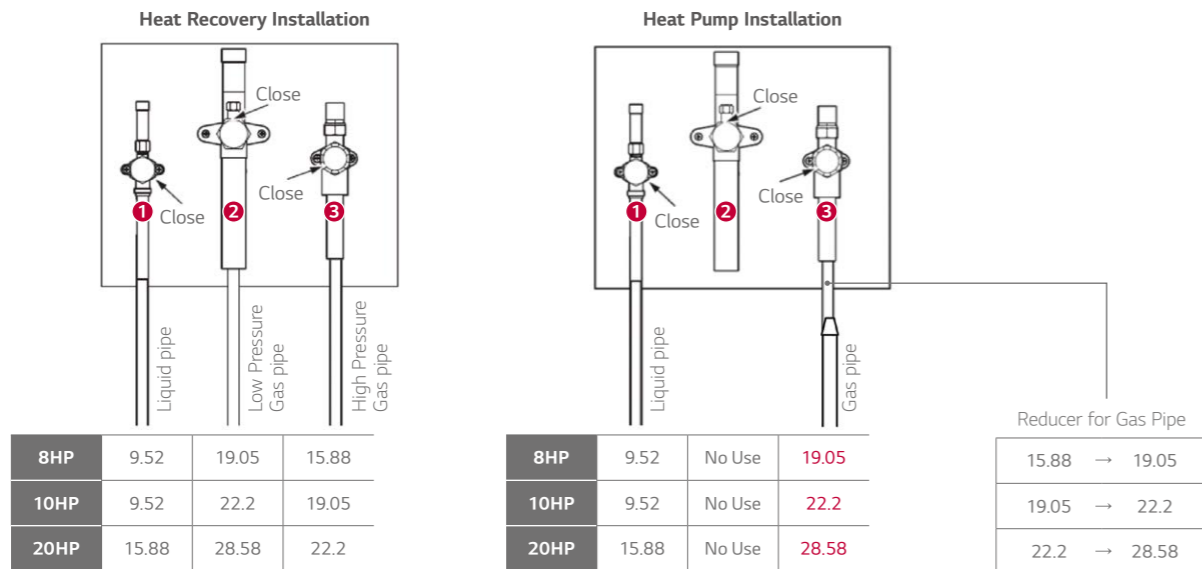
The capacitive measurement principle established and proved itself as a standard in the past. For this principle, the sensor element is built out of a capacitor. The dielectric is a polymer which absorbs or releases water proportional to the relative environmental humidity, and thus changes the capacitance of the capacitor. This change in capacitance can be measured by an electronic circuit. For humidity sensors with CMOSens® technology, a "micro-machined" finger electrode system with different protective and polymer cover layers forms the capacitance for the sensor chip, and, in addition to providing the sensor property, simultaneously protects the sensor from interference in ways previously not achieved.



| Model | Humidity Sensor of Outdoor | Humidity Sensor of R/Controller |
|----------------------|-------------------------------|---------------------------------|
| Size (mm) | 3 x 3 x 1.1 | 2.5 x 2.5 x 0.9 |
| Supply voltage range | 2.1 to 3.6 V | 2.4 to 5.5 V |
| RH operating range | 0 - 100% RH | 0 - 100% RH |
| T operating range | -40 to +125°C (-40 to +257°F) | -40 to +125°C (-40 to +257°F) |
| RH response time | 8 sec (tau 63%) | 8 sec (tau 63%) |

Q5 What is difference in refrigerant piping connection between heat pump and heat recovery?

A5 From MULTI V 5, Low pressure gas pipe in heat pump operation changes to high pressure gas pipe in heat recovery operation due to internal cycle. So for heat pump cycle, no. 1, 3 pipe should be connected and for heat recovery operation, No. 1, 2, 3 pipe is connected. (For the heat pump operation, DO NOT connect No.2 pipe)



※ For using as Heat Pump, Reducer for Gas pipe should be used. Reducer is included in outdoor unit.

MULTI V 5 Q&A

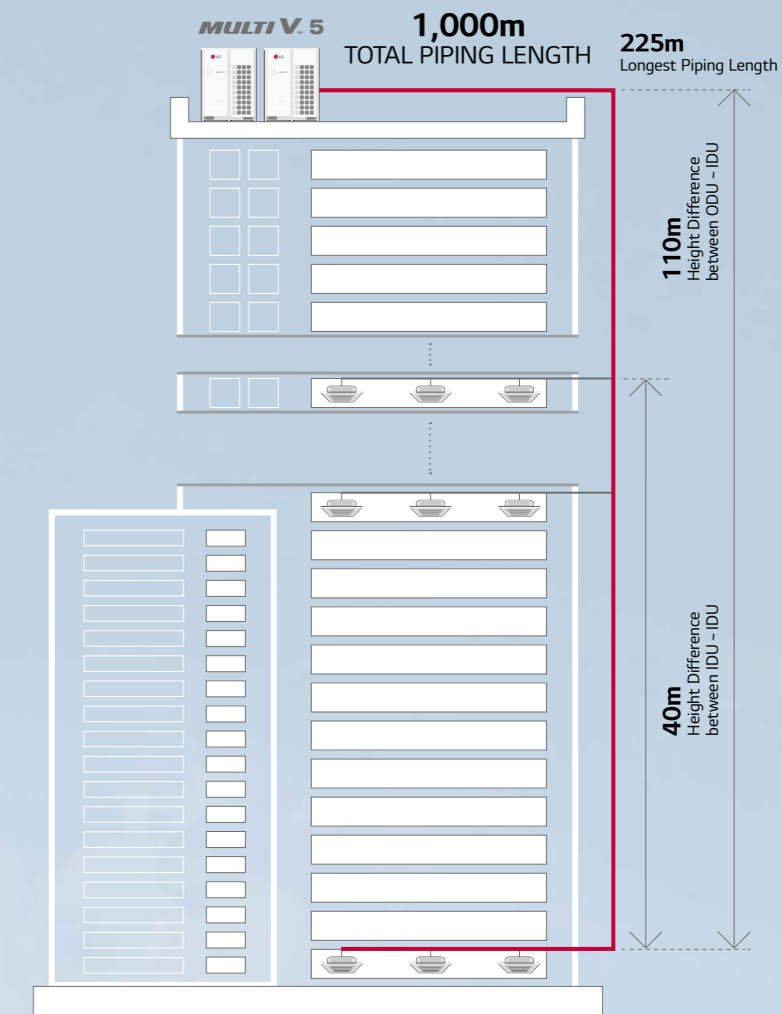
Other Questions

| Item | Question | Answer |
|-------------------|--|---|
| Fan | The static pressure of MULTI V 5 is max. 8 mmAq as MULTI V IV?? | Yes, the static pressure of MULTI V 5 is the same as MULTI V IV. |
| Compressor | Is the limitation of Compressor max. Hz applied by the capacity of outdoor unit? | No, the limitation of comp Hz is not applied for default. But, it can be set by option for limitation of max. Hz (or current). |
| VI | In case of vapor injection, how much is the middle pressure? | The optimal middle pressure for vapor injection is 1.2 P _s *. *P _s : Suction pressure of compressor. |
| VI | By how much is heating capacity increased by vapor injection? | Generally, the heating capacity is increased up to 15 - 20%. |
| Humidity Sensor | Where is Indoor Humidity sensor? | It is placed inside of the RS3 remote controller. |
| Remote Controller | Does remote controller show the humidity information (Status) as well? | Yes. It shows the current humidity information on screen. (for RS3 Only) But has no function to control the humidity. |
| Remote Controller | Is it possible to connect the local humidity sensor with Remote controller (RS3)? | No. All of RS3 remote controller can not be connected with local humidity sensor. |
| SLC | Does dual sensing SLC function control the humidity ratio? | No. There is no control of humidity ratio. |
| SLC | Is SLC fully used on Eurovent? Isn't humidity fixed for the test? What about AHRI? | Eurovent (RH 47%) and AHRI (RH 51%) have fixed humidity test condition. |
| Comfort Cooling | Why is not the comfort heating applied in product? | Comfort cooling need super heating controlled and Comfort heating need sub cooling controlled. In case of controlling EEV for sub cooling, noise and stable operation may be affected and critical. |
| Installation | Does the IDU - Central controller direct connection for communication cable is possible? (Flat connection) | No, it is not possible. |

MULTI V™ 5 HEAT RECOVERY

- Air cooled VRF Heat Pump & Heat Recovery
- 22.4kW ~ 268.8kW (Cooling capacity based)
- 3Ø, 380 ~ 415V, 50Hz
- Top discharge outdoor unit
- Ability to function as Heat Pump or Heat Recovery

1,000M
TOTAL PIPING LENGTH



OUTDOOR
UNITS
MULTI V 5

Design
For
The Ultimate



Energy savings



Reliability



Low noise



Advanced performance

How does it work?

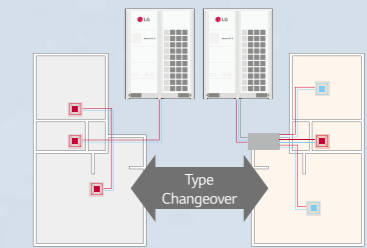
Dual Sensing



Partial Defrost



Interchangeable between
heat pump and heat recovery



MULTI V 5 HEAT RECOVERY

ARUM080LTE5 / ARUM100LTE5
ARUM120LTE5 / ARUM140LTE5



| HP | | 8 | 10 | 12 | 14 | |
|---|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------------|
| Model Name | Combination Unit | ARUM080LTE5 | ARUM100LTE5 | ARUM120LTE5 | ARUM140LTE5 | |
| | Independent Unit | ARUM080LTE5 | ARUM100LTE5 | ARUM120LTE5 | ARUM140LTE5 | |
| Capacity | Cooling (Rated) | kW | 22.4 | 28.0 | 33.6 | 39.2 |
| | Heating (Rated) | kW | 22.4 | 28.0 | 33.6 | 39.2 |
| | Heating (Max) | kW | 25.2 | 31.5 | 37.8 | 44.1 |
| | Cooling (Rated) | kW | 4.49 | 5.80 | 7.58 | 8.68 |
| Input | Heating (Rated) | kW | 3.97 | 4.92 | 6.85 | 8.13 |
| | Heating (Max) | kW | 4.78 | 5.92 | 8.26 | 9.72 |
| | Heating (Max) | kW | 4.99 | 4.83 | 4.43 | 4.52 |
| EER | | 10.1 | 9.7 | 9.59 | 8.89 | |
| SEER | | 5.64 | 5.69 | 4.91 | 4.82 | |
| COP | Rated Capacity | 5.27 | 5.32 | 4.58 | 4.54 | |
| | Max Capacity | 4.69 | 4.51 | 5.01 | 4.63 | |
| SCOP | | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | |
| | Color | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | |
| Exterior | RAL Code (Classic) | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | |
| | Heat Exchanger Type | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll | |
| Compressor | Type | (Inverter) x 1 | (Inverter) x 1 | (Inverter) x 1 | (Inverter) x 1 | |
| | Combination x No. | 4,200 x 1 | 5,300 x 1 | 5,300 x 1 | 5,300 x 1 | |
| | Motor Output x Number | W x No. | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) |
| | Oil Type | cc | 3,900 | 3,900 | 3,900 | 3,900 |
| | Oil Charge | | Propeller fan | Propeller fan | Propeller fan | Propeller fan |
| Fan | Type | W x No. | 1,200 x 1 | 1,200 x 1 | 1,200 x 1 | 900 x 2 |
| | Motor Output x Number | m³/min x No. | 240 x 1 | 240 x 1 | 240 x 1 | 320 x 1 |
| | Air Flow Rate (High) | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER |
| | Drive | Side / Top | TOP | TOP | TOP | TOP |
| | Discharge | mm (inch) | Ø9.52 (3/8) | Ø9.52 (3/8) | Ø12.7 (1/2) | Ø12.7 (1/2) |
| Pipe Connections for Heat Recovery | Liquid Pipe | mm (inch) | Ø19.05 (3/4) | Ø22.2 (7/8) | Ø28.58 (1-1/8) | Ø28.58 (1-1/8) |
| | Low Pressure Gas Pipe | mm (inch) | Ø15.88 (5/8) | Ø19.05 (3/4) | Ø19.05 (3/4) | Ø22.2 (7/8) |
| | High Pressure Gas Pipe | mm (inch) | Ø9.52 (3/8) | Ø9.52 (3/8) | Ø12.7 (1/2) | Ø12.7 (1/2) |
| Pipe Connections for Heat Pump | Liquid Pipe | mm (inch) | Ø19.05 (3/4) | Ø22.2 (7/8) | Ø28.58 (1-1/8) | Ø28.58 (1-1/8) |
| | Gas Pipe | mm x No. | (930 x 1,690 x 760) x 1 | (930 x 1,690 x 760) x 1 | (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 |
| Dimensions (W x H x D) | mm x No. | (960 x 1,825 x 796) x 1 | (960 x 1,825 x 796) x 1 | (960 x 1,825 x 796) x 1 | (1,280 x 1,825 x 796) x 1 | |
| Dimensions (W x H x D) - Shipping | mm x No. | 198 x 1 | 215 x 1 | 215 x 1 | 237 x 1 | |
| Net Weight | kg x No. | 208 x 1 | 225 x 1 | 225 x 1 | 250 x 1 | |
| Shipping Weight | kg x No. | 58.0 | 58.0 | 59.0 | 60.0 | |
| Sound Pressure Level | Cooling | dB(A) | 59.0 | 60.0 | 61.0 | |
| | Heating | dB(A) | 84.0 | 85.0 | 86.0 | 89.0 |
| Sound Power Level | Cooling | dB(A) | 87.0 | 88.0 | 89.0 | 93.0 |
| | Heating | dB(A) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C |
| Communication Cable | mm² x No. (VCTF-SB) | R410A | R410A | R410A | R410A | |
| Refrigerant | Refrigerant Name | kg | 7.5 | 9.5 | 9.5 | 13.5 |
| | Precharged Amount in Factory | t-CO ₂ eq | 15.7 | 19.8 | 19.8 | 28.2 |
| | t-CO ₂ eq | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | |
| | Control | Ø, V, Hz | 3,380-415, 50 | 3,380-415, 50 | 3,380-415, 50 | 3,380-415, 50 |
| Power Supply | Ø, V, Hz | 13 (20) | 16 (25) | 20 (30) | 23 (35) | |
| Number of Maximum Connectable Indoor Units ¹⁾ | | | | | | |

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

MULTI V 5 HEAT RECOVERY

ARUM160LTE5 / ARUM180LTE5
ARUM200LTE5 / ARUM220LTE5



| HP | | 16 | 18 | 20 | 22 | |
|---|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------------|
| Model Name | Combination Unit | ARUM160LTE5 | ARUM180LTE5 | ARUM200LTE5 | ARUM220LTE5 | |
| | Independent Unit | ARUM160LTE5 | ARUM180LTE5 | ARUM200LTE5 | ARUM220LTE5 | |
| Capacity | Cooling (Rated) | kW | 44.8 | 50.4 | 56.0 | 61.6 |
| | Heating (Rated) | kW | 44.8 | 50.4 | 56.0 | 61.6 |
| | Heating (Max) | kW | 50.4 | 56.7 | 63.0 | 69.3 |
| | Cooling (Rated) | kW | 10.89 | 10.91 | 12.77 | 15.70 |
| Input | Heating (Rated) | kW | 10.28 | 10.12 | 12.20 | 14.15 |
| | Heating (Max) | kW | 12.39 | 11.94 | 14.69 | 16.76 |
| | Heating (Max) | kW | 4.11 | 4.62 | 4.39 | 3.92 |
| EER | | 8.38 | 8.23 | 8.05 | 7.51 | |
| SEER | | 4.36 | 4.98 | 4.59 | 4.35 | |
| COP | Rated Capacity | 4.07 | 4.75 | 4.29 | 4.13 | |
| | Max Capacity | 4.83 | 4.0 | 3.98 | 3.9 | |
| SCOP | | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | |
| | Color | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | |
| Exterior | RAL Code (Classic) | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | |
| | Heat Exchanger Type | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll | |
| Compressor | Type | (Inverter) x 1 | (Inverter) x 2 | (Inverter) x 2 | (Inverter) x 2 | |
| | Combination x No. | 5,300 x 1 | (5,300 x 1) + (4,200 x 1) | (5,300 x 1) + (4,200 x 1) | (5,300 x 1) + (4,200 x 1) | |
| | Motor Output x Number | W x No. | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) |
| | Oil Type | cc | 3,900 | 5,200 | 5,200 | 5,200 |
| | Oil Charge | | Propeller fan | Propeller fan | Propeller fan | Propeller fan |
| Fan | Type | W x No. | 900 x 2 | 900 x 2 | 900 x 2 | 900 x 2 |
| | Motor Output x Number | m³/min x No. | 320 x 1 | 320 x 1 | 320 x 1 | 320 x 1 |
| | Air Flow Rate (High) | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER |
| | Drive | Side / Top | TOP | TOP | TOP | TOP |
| | Discharge | mm (inch) | Ø12.7 (1/2) | Ø15.88 (5/8) | Ø15.88 (5/8) | Ø15.88 (5/8) |
| Pipe Connections for Heat Recovery | Liquid Pipe | mm (inch) | Ø28.58 (1-1/8) | Ø28.58 (1-1/8) | Ø28.58 (1-1/8) | Ø28.58 (1-1/8) |
| | Low Pressure Gas Pipe | mm (inch) | Ø22.2 (7/8) | Ø22.2 (7/8) | Ø22.2 (7/8) | Ø28.58 (1-1/8) |
| | High Pressure Gas Pipe | mm (inch) | Ø12.7 (1/2) | Ø15.88 (5/8) | Ø15.88 (5/8) | Ø15.88 (5/8) |
| Pipe Connections for Heat Pump | Liquid Pipe | mm (inch) | Ø28.58 (1-1/8) | Ø28.58 (1-1/8) | Ø28.58 (1-1/8) | Ø28.58 (1-1/8) |
| | Gas Pipe | mm x No. | (1,240 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 |
| Dimensions (W x H x D) | mm x No. | (1,280 x 1,825 x 796) x 1 | (1,280 x 1,825 x 796) x 1 | (1,280 x 1,825 x 796) x 1 | (1,280 x 1,825 x 796) x 1 | |
| Dimensions (W x H x D) - Shipping | mm x No. | 237 x 1 | 300 x 1 | 300 x 1 | 300 x 1 | |
| Net Weight | kg x No. | 250 x 1 | 312 x 1 | 312 x 1 | 312 x 1 | |
| Shipping Weight | kg x No. | 60.5 | 61.0 | 62.0 | 64.5 | |
| Sound Pressure Level | Cooling | dB(A) | 61.5 | 62.0 | 64.5 | |
| | Heating | dB(A) | 90.0 | 92.0 | 93.0 | 93.0 |
| Sound Power Level | Cooling | dB(A) | 94.0 | 95.0 | 96.0 | 97.0 |
| | Heating | dB(A) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C |
| Communication Cable | mm² x No. (VCTF-SB) | R410A | R410A | R410A | R410A | |
| Refrigerant | Refrigerant Name | kg | 13.5 | 16.0 | 16.0 | 16.0 |
| | Precharged Amount in Factory | t-CO ₂ eq | 28.2 | 33.4 | 33.4 | 33.4 |
| | t-CO ₂ eq | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | |
| | Control | Ø, V, Hz | 3,380-415, 50 | 3,380-415, 50 | 3,380-415, 50 | 3,380-415, 50 |
| Power Supply | Ø, V, Hz | 26 (40) | 29 (45) | 32 (50) | 35 (56) | |
| Number of Maximum Connectable Indoor Units ¹⁾ | | | | | | |

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

MULTI V 5 HEAT RECOVERY

ARUM240LTE5 / ARUM260LTE5
ARUM221LTE5 / ARUM241LTE5



| HP | | | 24 | 26 | 22' | 24' |
|---|------------------------------|--------------|------------------------------|------------------------------|---|---|
| Model Name | Combination Unit | | ARUM240LTE5 | ARUM260LTE5 | ARUM221LTE5 | ARUM241LTE5 |
| | Independent Unit | | ARUM240LTE5 | ARUM260LTE5 | ARUM120LTE5 ARUM100LTE5 | ARUM120LTE5 ARUM120LTE5 |
| Capacity | Cooling (Rated) | kW | 67.2 | 72.8 | 61.6 | 67.2 |
| | Heating (Rated) | kW | 67.2 | 67.2 | 61.6 | 67.2 |
| | Heating (Max) | kW | 74.3 | 74.3 | 69.3 | 75.6 |
| Input | Cooling (Rated) | kW | 17.40 | 20.20 | 13.38 | 15.16 |
| | Heating (Rated) | kW | 15.89 | 15.99 | 11.77 | 13.70 |
| | Heating (Max) | kW | 18.80 | 19.15 | 14.18 | 16.52 |
| EER | | | 3.86 | 3.60 | 4.60 | 4.43 |
| SEER | | | 7.88 | 7.55 | - | - |
| COP | Rated Capacity | | 4.23 | 4.20 | 5.23 | 4.91 |
| | Max Capacity | | 3.95 | 3.88 | 4.89 | 4.58 |
| SCOP | | | 4.34 | 4.34 | - | - |
| Exterior | Color | | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray |
| | RAL Code (Classic) | | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K |
| Heat Exchanger | Type | | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin |
| | Type | | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll |
| Compressor | Combination x No. | | (Inverter) x 2 | (Inverter) x 2 | (Inverter) x 2 | (Inverter) x 2 |
| | Motor Output x Number | W x No. | 5,300 x 2 | 5,300 x 2 | 5,300 x 2 | 5,300 x 2 |
| | Oil Type | | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) |
| | Oil Charge | cc | 5,200 | 5,200 | 7,800 | 7,800 |
| Fan | Type | | Propeller fan | Propeller fan | Propeller fan | Propeller fan |
| | Motor Output x Number | W x No. | 900 x 2 | 900 x 2 | (1,200 x 1) + (1,200 x 1) | (1,200 x 1) + (1,200 x 1) |
| | Air Flow Rate (High) | m³/min x No. | 320 x 1 | 320 x 1 | (240 x 1) + (240 x 1) | (240 x 1) + (240 x 1) |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER |
| Pipe Connections for Heat Recovery | Liquid Pipe | mm (inch) | Ø15.88 (5/8) | Ø19.05 (3/4) | Ø15.88 (5/8) | Ø15.88 (5/8) |
| | Low Pressure Gas Pipe | mm (inch) | Ø34.9 (1-3/8) | Ø34.9 (1-3/8) | Ø28.58 (1-1/8) | Ø34.9 (1-3/8) |
| Pipe Connections for Heat Pump | Liquid Pipe | mm (inch) | Ø15.88 (5/8) | Ø19.05 (3/4) | Ø15.88 (5/8) | Ø15.88 (5/8) |
| | Gas Pipe | mm (inch) | Ø34.9 (1-3/8) | Ø34.9 (1-3/8) | Ø28.58 (1-1/8) | Ø34.9 (1-3/8) |
| Dimensions (W x H x D) | mm x No. | | (1,240 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 | (930 x 1,690 x 760) x 1 + (930 x 1,690 x 760) x 1 | (930 x 1,690 x 760) x 1 + (930 x 1,690 x 760) x 1 |
| Dimensions (W x H x D) - Shipping | mm x No. | | (1,280 x 1,825 x 796) x 1 | (1,280 x 1,825 x 796) x 1 | (960 x 1,825 x 796) x 1 + (960 x 1,825 x 796) x 1 | (960 x 1,825 x 796) x 1 + (960 x 1,825 x 796) x 1 |
| Net Weight | kg x No. | | 310 x 1 | 310 x 1 | (215 x 1) + (215 x 1) | (215 x 1) + (215 x 1) |
| Shipping Weight | kg x No. | | 320 x 1 | 320 x 1 | (225 x 1) + (225 x 1) | (225 x 1) + (225 x 1) |
| Sound Pressure Level | Cooling | dB(A) | 65.0 | 65.0 | 61.5 | 62.0 |
| | Heating | dB(A) | 67.0 | 67.0 | 62.5 | 63.0 |
| Sound Power Level | Cooling | dB(A) | 95.0 | 95.0 | 88.5 | 89.0 |
| | Heating | dB(A) | 99.0 | 99.0 | 91.5 | 92.0 |
| Communication Cable | mm² x No. (VCTF-SB) | | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C |
| Refrigerant | Refrigerant Name | | R410A | R410A | R410A | R410A |
| | Precharged Amount in Factory | kg | 17.0 | 17.0 | 19.0 | 19.0 |
| | t-CO ₂ eq | | 35.5 | 35.5 | 39.7 | 39.7 |
| | Control | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | Ø, V, Hz | | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 |
| Number of Maximum Connectable Indoor Units ¹⁾ | | | 39 (61) | 42 (64) | 35 (44) | 39 (48) |

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

MULTI V 5 HEAT RECOVERY

ARUM261LTE5 / ARUM280LTE5
ARUM300LTE5 / ARUM320LTE5



| HP | | | 26' | 28 | 30 | 32 |
|---|------------------------------|--------------|---|---|---|---|
| Model Name | Combination Unit | | ARUM261LTE5 | ARUM280LTE5 | ARUM300LTE5 | ARUM320LTE5 |
| | Independent Unit | | ARUM140LTE5 ARUM120LTE5 | ARUM160LTE5 ARUM120LTE5 | ARUM180LTE5 ARUM120LTE5 | ARUM200LTE5 ARUM120LTE5 |
| Capacity | Cooling (Rated) | kW | 72.8 | 78.4 | 84.0 | 89.6 |
| | Heating (Rated) | kW | 72.8 | 78.4 | 84.0 | 89.6 |
| | Heating (Max) | kW | 81.9 | 88.2 | 94.5 | 100.8 |
| Input | Cooling (Rated) | kW | 16.26 | 18.47 | 18.49 | 20.35 |
| | Heating (Rated) | kW | 14.98 | 17.13 | 16.97 | 19.05 |
| | Heating (Max) | kW | 17.98 | 20.65 | 20.20 | 22.95 |
| EER | | | 4.48 | 4.24 | 4.54 | 4.40 |
| SEER | | | - | - | - | - |
| COP | Rated Capacity | | 4.86 | 4.58 | 4.95 | 4.70 |
| | Max Capacity | | 4.56 | 4.27 | 4.68 | 4.39 |
| SCOP | | | - | - | - | - |
| Exterior | Color | | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray |
| | RAL Code (Classic) | | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K |
| Heat Exchanger | Type | | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin |
| | Type | | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll |
| Compressor | Combination x No. | | (Inverter) x 2 | (Inverter) x 2 | (Inverter) x 3 | (Inverter) x 3 |
| | Motor Output x Number | W x No. | 5,300 x 2 | 5,300 x 2 | (5,300 x 2) + (4,200 x 1) | (5,300 x 2) + (4,200 x 1) |
| | Oil Type | | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) |
| | Oil Charge | cc | 7,800 | 7,800 | 9,100 | 9,100 |
| Fan | Type | | Propeller fan | Propeller fan | Propeller fan | Propeller fan |
| | Motor Output x Number | W x No. | (900 x 2) + (1,200 x 1) | (900 x 2) + (1,200 x 1) | (900 x 2) + (1,200 x 1) | (900 x 2) + (1,200 x 1) |
| | Air Flow Rate (High) | m³/min x No. | (320 x 1) + (240 x 1) | (320 x 1) + (240 x 1) | (320 x 1) + (240 x 1) | (320 x 1) + (240 x 1) |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER |
| Pipe Connections for Heat Recovery | Liquid Pipe | mm (inch) | Ø19.05 (3/4) | Ø19.05 (3/4) | Ø19.05 (3/4) | Ø19.05 (3/4) |
| | Low Pressure Gas Pipe | mm (inch) | Ø34.9 (1-3/8) | Ø34.9 (1-3/8) | Ø34.9 (1-3/8) | Ø34.9 (1-3/8) |
| Pipe Connections for Heat Pump | Liquid Pipe | mm (inch) | Ø19.05 (3/4) | Ø19.05 (3/4) | Ø19.05 (3/4) | Ø19.05 (3/4) |
| | Gas Pipe | mm (inch) | Ø34.9 (1-3/8) | Ø34.9 (1-3/8) | Ø34.9 (1-3/8) | Ø34.9 (1-3/8) |
| Dimensions (W x H x D) | mm x No. | | (1,240 x 1,690 x 760) x 1 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 + (930 x 1,690 x 760) x 1 |
| Dimensions (W x H x D) - Shipping | mm x No. | | (1,280 x 1,825 x 796) x 1 + (960 x 1,825 x 796) x 1 | (1,280 x 1,825 x 796) x 1 + (960 x 1,825 x 796) x 1 | (1,280 x 1,825 x 796) x 1 + (960 x 1,825 x 796) x 1 | (1,280 x 1,825 x 796) x 1 + (960 x 1,825 x 796) x 1 |
| Net Weight | kg x No. | | (237 x 1) + (215 x 1) | (237 x 1) + (215 x 1) | (300 x 1) + (215 x 1) | (300 x 1) + (215 x 1) |
| Shipping Weight | kg x No. | | (250 x 1) + (225 x 1) | (250 x 1) + (225 x 1) | (312 x 1) + (225 x 1) | (312 x 1) + (225 x 1) |
| Sound Pressure Level | Cooling | dB(A) | 62.5 | 62.8 | 63.1 | 63.8 |
| | Heating | dB(A) | 63.5 | 63.8 | 64.1 | 65.8 |
| Sound Power Level | Cooling | dB(A) | 90.8 | 91.5 | 93.0 | 93.8 |
| | Heating | dB(A) | 94.5 | 95.2 | 96.0 | 96.8 |
| Communication Cable | mm² x No. (VCTF-SB) | | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C |
| Refrigerant | Refrigerant Name | | R410A | R410A | R410A | R410A |
| | Precharged Amount in Factory | kg | 23.0 | 23.0 | 25.5 | 25.5 |
| | t-CO ₂ eq | | 48.0 | 48.0 | 53.2 | 53.2 |
| | Control | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | Ø, V, Hz | | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 |
| Number of Maximum Connectable Indoor Units ¹⁾ | | | 42 (52) | 45 (56) | 49 (60) | 52 (64) |

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

MULTI V 5 HEAT RECOVERY

ARUM340LTE5 / ARUM360LTE5
ARUM380LTE5 / ARUM400LTE5



| HP | | 34 | 36 | 38 | 40 |
|--|------------------------------|---|---|------------------------------|------------------------------|
| Model Name | Combination Unit | ARUM340LTE5 | ARUM360LTE5 | ARUM380LTE5 | ARUM400LTE5 |
| | Independent Unit | ARUM220LTE5 ARUM120LTE5 | ARUM240LTE5 ARUM120LTE5 | ARUM240LTE5 ARUM140LTE5 | ARUM240LTE5 ARUM160LTE5 |
| Capacity | Cooling (Rated) kW | 95.2 | 100.8 | 106.4 | 112.0 |
| | Heating (Rated) kW | 95.2 | 100.8 | 106.4 | 112.0 |
| | Heating (Max) kW | 107.1 | 112.1 | 118.4 | 124.7 |
| Input | Cooling (Rated) kW | 23.28 | 24.98 | 26.08 | 28.29 |
| | Heating (Rated) kW | 21.00 | 22.74 | 24.02 | 26.17 |
| | Heating (Max) kW | 25.02 | 27.06 | 28.52 | 31.19 |
| | EER | 4.09 | 4.04 | 4.08 | 3.96 |
| SEER | - | - | - | - | |
| COP | Rated Capacity | 4.53 | 4.43 | 4.43 | 4.28 |
| | Max Capacity | 4.28 | 4.14 | 4.15 | 4.00 |
| SCOP | - | - | - | - | |
| Exterior | Color | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray |
| | RAL Code (Classic) | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K |
| Heat Exchanger | Type | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin |
| | Type | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll |
| Compressor | Combination x No. | (Inverter) x 3 | (Inverter) x 3 | (Inverter) x 3 | (Inverter) x 3 |
| | Motor Output x Number | W x No. (5,300 x 2) + (4,200 x 1) | 5,300 x 3 | 5,300 x 3 | 5,300 x 3 |
| | Oil Type | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) |
| | Oil Charge cc | 9,100 | 9,100 | 9,100 | 9,100 |
| Fan | Type | Propeller fan | Propeller fan | Propeller fan | Propeller fan |
| | Motor Output x Number | W x No. (900 x 2) + (1,200 x 1) | (900 x 2) + (1,200 x 1) | 900 x 4 | 900 x 4 |
| | Air Flow Rate (High) | m³/min x No. (320 x 1) + (240 x 1) | (320 x 1) + (240 x 1) | 320 x 2 | 320 x 2 |
| | Drive | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER |
| | Discharge | Side / Top | TOP | TOP | TOP |
| Pipe Connections for Heat Recovery | Liquid Pipe | mm (inch) Ø19.05 (3/4) | Ø19.05 (3/4) | Ø19.05 (3/4) | Ø19.05 (3/4) |
| | Low Pressure Gas Pipe | mm (inch) Ø34.9 (1-3/8) | Ø41.3 (1-5/8) | Ø41.3 (1-5/8) | Ø41.3 (1-5/8) |
| | High Pressure Gas Pipe | mm (inch) Ø28.58 (1-1/8) | Ø28.58 (1-1/8) | Ø34.9 (1-3/8) | Ø34.9 (1-3/8) |
| Pipe Connections for Heat Pump | Liquid Pipe | mm (inch) Ø19.05 (3/4) | Ø19.05 (3/4) | Ø19.05 (3/4) | Ø19.05 (3/4) |
| | Gas Pipe | mm (inch) Ø34.9 (1-3/8) | Ø41.3 (1-5/8) | Ø41.3 (1-5/8) | Ø41.3 (1-5/8) |
| Dimensions (W x H x D) | mm x No. | (1,240 x 1,690 x 760) x 1 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 2 | (1,240 x 1,690 x 760) x 2 |
| Dimensions (W x H x D) - Shipping | mm x No. | (1,280 x 1,825 x 796) x 1 + (960 x 1,825 x 796) x 1 | (1,280 x 1,825 x 796) x 1 + (960 x 1,825 x 796) x 1 | (1,280 x 1,825 x 796) x 2 | (1,280 x 1,825 x 796) x 2 |
| Net Weight | kg x No. | (300 x 1) + (215 x 1) | (310 x 1) + (215 x 1) | (310 x 1) + (237 x 1) | (310 x 1) + (237 x 1) |
| Shipping Weight | kg x No. | (312 x 1) + (225 x 1) | (320 x 1) + (225 x 1) | (320 x 1) + (250 x 1) | (320 x 1) + (250 x 1) |
| Sound Pressure Level | Cooling | dB(A) 65.6 | 66.0 | 66.2 | 66.3 |
| | Heating | dB(A) 66.6 | 67.8 | 68.0 | 68.1 |
| Sound Power Level | Cooling | dB(A) 93.8 | 95.5 | 96.0 | 96.2 |
| | Heating | dB(A) 97.6 | 99.4 | 100.0 | 100.2 |
| Communication Cable | mm² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C |
| Refrigerant | Refrigerant Name | R410A | R410A | R410A | R410A |
| | Precharged Amount in Factory | kg 25.5 | 26.5 | 30.5 | 30.5 |
| | t-CO ₂ eq | 53.2 | 55.3 | 63.7 | 63.7 |
| | Control | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | Ø, V, Hz | 3,380-415, 50 | 3,380-415, 50 | 3,380-415, 50 | 3,380-415, 50 |
| Number of Maximum Connectable Indoor Units¹⁾ | | 55 (64) | 58 (64) | 61 (64) | 64 |

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

MULTI V 5 HEAT RECOVERY

ARUM420LTE5 / ARUM440LTE5
ARUM460LTE5 / ARUM480LTE5



| HP | | 42 | 44 | 46 | 48 |
|--|------------------------------|-----------------------------------|------------------------------|------------------------------|------------------------------|
| Model Name | Combination Unit | ARUM420LTE5 | ARUM440LTE5 | ARUM460LTE5 | ARUM480LTE5 |
| | Independent Unit | ARUM240LTE5 ARUM180LTE5 | ARUM240LTE5 ARUM200LTE5 | ARUM240LTE5 ARUM220LTE5 | ARUM240LTE5 ARUM240LTE5 |
| Capacity | Cooling (Rated) kW | 117.6 | 123.2 | 128.8 | 134.4 |
| | Heating (Rated) kW | 117.6 | 123.2 | 128.8 | 134.4 |
| | Heating (Max) kW | 131.0 | 137.3 | 143.6 | 148.5 |
| Input | Cooling (Rated) kW | 28.31 | 30.17 | 33.10 | 34.80 |
| | Heating (Rated) kW | 26.01 | 28.09 | 30.04 | 31.78 |
| | Heating (Max) kW | 30.74 | 33.49 | 35.56 | 37.60 |
| | EER | 4.15 | 4.08 | 3.89 | 3.86 |
| SEER | - | - | - | - | |
| COP | Rated Capacity | 4.52 | 4.39 | 4.29 | 4.23 |
| | Max Capacity | 4.26 | 4.10 | 4.04 | 3.95 |
| SCOP | - | - | - | - | |
| Exterior | Color | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray |
| | RAL Code (Classic) | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K |
| Heat Exchanger | Type | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin |
| | Type | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll |
| Compressor | Combination x No. | (Inverter) x 4 | (Inverter) x 4 | (Inverter) x 4 | (Inverter) x 4 |
| | Motor Output x Number | W x No. (5,300 x 3) + (4,200 x 1) | (5,300 x 3) + (4,200 x 1) | (5,300 x 3) + (4,200 x 1) | 5,300 x 4 |
| | Oil Type | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) |
| | Oil Charge cc | 10,400 | 10,400 | 10,400 | 10,400 |
| Fan | Type | Propeller fan | Propeller fan | Propeller fan | Propeller fan |
| | Motor Output x Number | W x No. 900 x 4 | 900 x 4 | 900 x 4 | 900 x 4 |
| | Air Flow Rate (High) | m³/min x No. 320 x 2 | 320 x 2 | 320 x 2 | 320 x 2 |
| | Drive | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER |
| | Discharge | Side / Top | TOP | TOP | TOP |
| Pipe Connections for Heat Recovery | Liquid Pipe | mm (inch) Ø19.05 (3/4) | Ø19.05 (3/4) | Ø19.05 (3/4) | Ø19.05 (3/4) |
| | Low Pressure Gas Pipe | mm (inch) Ø41.3 (1-5/8) | Ø41.3 (1-5/8) | Ø41.3 (1-5/8) | Ø41.3 (1-5/8) |
| | High Pressure Gas Pipe | mm (inch) Ø34.9 (1-3/8) | Ø34.9 (1-3/8) | Ø34.9 (1-3/8) | Ø34.9 (1-3/8) |
| Pipe Connections for Heat Pump | Liquid Pipe | mm (inch) Ø19.05 (3/4) | Ø19.05 (3/4) | Ø19.05 (3/4) | Ø19.05 (3/4) |
| | Gas Pipe | mm (inch) Ø41.3 (1-5/8) | Ø41.3 (1-5/8) | Ø41.3 (1-5/8) | Ø41.3 (1-5/8) |
| Dimensions (W x H x D) | mm x No. | (1,240 x 1,690 x 760) x 2 | (1,240 x 1,690 x 760) x 2 | (1,240 x 1,690 x 760) x 2 | (1,240 x 1,690 x 760) x 2 |
| Dimensions (W x H x D) - Shipping | mm x No. | (1,280 x 1,825 x 796) x 2 | (1,280 x 1,825 x 796) x 2 | (1,280 x 1,825 x 796) x 2 | (1,280 x 1,825 x 796) x 2 |
| Net Weight | kg x No. | (310 x 1) + (300 x 1) | (310 x 1) + (300 x 1) | (310 x 1) + (300 x 1) | 310 x 2 |
| Shipping Weight | kg x No. | (320 x 1) + (312 x 1) | (320 x 1) + (312 x 1) | (320 x 1) + (312 x 1) | 320 x 2 |
| Sound Pressure Level | Cooling | dB(A) 66.5 | 66.8 | 67.8 | 68.0 |
| | Heating | dB(A) 68.2 | 68.9 | 69.3 | 70.0 |
| Sound Power Level | Cooling | dB(A) 96.8 | 97.1 | 97.1 | 98.0 |
| | Heating | dB(A) 100.5 | 100.8 | 101.1 | 102.0 |
| Communication Cable | mm² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C |
| Refrigerant | Refrigerant Name | R410A | R410A | R410A | R410A |
| | Precharged Amount in Factory | kg 33.0 | 33.0 | 33.0 | 34.0 |
| | t-CO ₂ eq | 68.9 | 68.9 | 68.9 | 71.0 |
| | Control | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | Ø, V, Hz | 3,380-415, 50 | 3,380-415, 50 | 3,380-415, 50 | 3,380-415, 50 |
| Number of Maximum Connectable Indoor Units¹⁾ | | 64 | 64 | 64 | 64 |

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

MULTI V 5 HEAT RECOVERY

ARUM500LTE5 / ARUM520LTE5
ARUM540LTE5 / ARUM560LTE5



| HP | | 50 | 52 | 54 | 56 | |
|--|------------------------------|---|---|---|---|---------------------------|
| Model Name | Combination Unit | ARUM500LTE5 | ARUM520LTE5 | ARUM540LTE5 | ARUM560LTE5 | |
| | Independent Unit | ARUM240LTE5 ARUM140LTE5 ARUM120LTE5 | ARUM240LTE5 ARUM160LTE5 ARUM120LTE5 | ARUM240LTE5 ARUM180LTE5 ARUM120LTE5 | ARUM240LTE5 ARUM200LTE5 ARUM120LTE5 | |
| Capacity | Cooling (Rated) kW | 140 | 145.6 | 151.2 | 156.8 | |
| | Heating (Rated) kW | 140 | 145.6 | 151.2 | 156.8 | |
| | Heating (Max) kW | 156.2 | 162.5 | 168.8 | 175.1 | |
| Input | Cooling (Rated) kW | 33.66 | 35.87 | 35.89 | 37.75 | |
| | Heating (Rated) kW | 30.87 | 33.02 | 32.86 | 34.94 | |
| | Heating (Max) kW | 36.78 | 39.45 | 39 | 41.75 | |
| EER | | 4.16 | 4.06 | 4.21 | 4.15 | |
| SEER | | - | - | - | - | |
| COP | Rated Capacity | 4.54 | 4.41 | 4.6 | 4.49 | |
| | Max Capacity | 4.25 | 4.12 | 4.33 | 4.19 | |
| SCOP | | - | - | - | - | |
| Exterior | Color | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | |
| | RAL Code (Classic) | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | |
| Heat Exchanger | Type | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | |
| | Type | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll | |
| Compressor | Combination x No. | (Inverter) x 4 | (Inverter) x 4 | (Inverter) x 5 | (Inverter) x 5 | |
| | Motor Output x Number | W x No. | 5,300 x 4 | 5,300 x 4 | (5,300 x 4) + (4,200 x 1) | (5,300 x 4) + (4,200 x 1) |
| | Oil Type | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) | |
| | Oil Charge | cc | 13,000 | 13,000 | 14,300 | 14,300 |
| Fan | Type | Propeller fan | Propeller fan | Propeller fan | Propeller fan | |
| | Motor Output x Number | W x No. | (900 x 4) + (1,200 x 1) | (900 x 4) + (1,200 x 1) | (900 x 4) + (1,200 x 1) | (900 x 4) + (1,200 x 1) |
| | Air Flow Rate (High) | m³/min x No. | (320 x 2) + (240 x 1) | (320 x 2) + (240 x 1) | (320 x 2) + (240 x 1) | (320 x 2) + (240 x 1) |
| | Drive | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER | |
| Pipe Connections for Heat Recovery | Liquid Pipe | mm (inch) | Ø19.05 (3/4) | Ø19.05 (3/4) | Ø19.05 (3/4) | Ø19.05 (3/4) |
| | High Pressure Gas Pipe | mm (inch) | Ø41.3 (1-5/8) | Ø41.3 (1-5/8) | Ø41.3 (1-5/8) | Ø41.3 (1-5/8) |
| Pipe Connections for Heat Pump | Liquid Pipe | mm (inch) | Ø19.05 (3/4) | Ø19.05 (3/4) | Ø19.05 (3/4) | Ø19.05 (3/4) |
| | Gas Pipe | mm (inch) | Ø41.3 (1-5/8) | Ø41.3 (1-5/8) | Ø41.3 (1-5/8) | Ø41.3 (1-5/8) |
| Dimensions (W x H x D) | mm x No. | (1,240 x 1,690 x 760) x 2 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 2 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 2 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 2 + (930 x 1,690 x 760) x 1 | |
| Dimensions (W x H x D) - Shipping | mm x No. | (1,280 x 1,825 x 796) x 2 + (960 x 1,825 x 796) x 1 | (1,280 x 1,825 x 796) x 2 + (960 x 1,825 x 796) x 1 | (1,280 x 1,825 x 796) x 2 + (960 x 1,825 x 796) x 1 | (1,280 x 1,825 x 796) x 2 + (960 x 1,825 x 796) x 1 | |
| Net Weight | kg x No. | (310 x 1) + (237 x 1) + (215 x 1) | (310 x 1) + (237 x 1) + (215 x 1) | (310 x 1) + (300 x 1) + (215 x 1) | (310 x 1) + (300 x 1) + (215 x 1) | |
| Shipping Weight | kg x No. | (320 x 1) + (250 x 1) + (225 x 1) | (320 x 1) + (250 x 1) + (225 x 1) | (320 x 1) + (312 x 1) + (225 x 1) | (320 x 1) + (312 x 1) + (225 x 1) | |
| Sound Pressure Level | Cooling | dB(A) | 67 | 67.1 | 67.2 | 67.4 |
| | Heating | dB(A) | 68.6 | 68.7 | 68.8 | 69.5 |
| Sound Power Level | Cooling | dB(A) | 96.4 | 96.6 | 97.1 | 97.4 |
| | Heating | dB(A) | 100.3 | 100.5 | 100.8 | 101 |
| Communication Cable | mm² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | |
| Refrigerant | Refrigerant Name | R410A | R410A | R410A | R410A | |
| | Precharged Amount in Factory | kg | 40 | 40 | 42.5 | 42.5 |
| | t-CO ₂ eq | | 83.5 | 83.5 | 88.7 | 88.7 |
| | Control | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | |
| Power Supply | Ø, V, Hz | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | |
| Number of Maximum Connectable Indoor Units ¹⁾ | | 64 | 64 | 64 | 64 | |

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

MULTI V 5 HEAT RECOVERY

ARUM580LTE5 / ARUM600LTE5
ARUM620LTE5 / ARUM640LTE5
ARUM660LTE5



| HP | | 58 | 60 | 62 | 64 | 66 | |
|--|------------------------------|---|---|---|---|---|---------------------------|
| Model Name | Combination Unit | ARUM580LTE5 | ARUM600LTE5 | ARUM620LTE5 | ARUM640LTE5 | ARUM660LTE5 | |
| | Independent Unit | ARUM240LTE5 ARUM220LTE5 ARUM120LTE5 | ARUM240LTE5 ARUM240LTE5 ARUM120LTE5 | ARUM240LTE5 ARUM240LTE5 ARUM140LTE5 | ARUM240LTE5 ARUM240LTE5 ARUM160LTE5 | ARUM240LTE5 ARUM240LTE5 ARUM180LTE5 | |
| Capacity | Cooling (Rated) kW | 162.4 | 168.0 | 173.6 | 179.2 | 184.8 | |
| | Heating (Rated) kW | 162.4 | 168.0 | 173.6 | 179.2 | 184.8 | |
| | Heating (Max) kW | 181.4 | 186.3 | 192.6 | 198.9 | 205.2 | |
| Input | Cooling (Rated) kW | 40.68 | 42.38 | 43.48 | 45.69 | 45.71 | |
| | Heating (Rated) kW | 36.89 | 38.63 | 39.91 | 42.06 | 41.90 | |
| | Heating (Max) kW | 43.82 | 45.86 | 47.32 | 49.99 | 49.54 | |
| EER | | 3.99 | 3.96 | 3.99 | 3.92 | 4.04 | |
| SEER | | - | - | - | - | - | |
| COP | Rated Capacity | 4.40 | 4.35 | 4.35 | 4.26 | 4.41 | |
| | Max Capacity | 4.14 | 4.06 | 4.07 | 3.98 | 4.14 | |
| SCOP | | - | - | - | - | - | |
| Exterior | Color | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | |
| | RAL Code (Classic) | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | |
| Heat Exchanger | Type | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | |
| | Type | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll | |
| Compressor | Combination x No. | (Inverter) x 5 | (Inverter) x 5 | (Inverter) x 5 | (Inverter) x 5 | (Inverter) x 6 | |
| | Motor Output x Number | W x No. | (5,300 x 4) + (4,200 x 1) | 5,300 x 5 | 5,300 x 5 | 5,300 x 5 | (5,300 x 5) + (4,200 x 1) |
| | Oil Type | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) | |
| | Oil Charge | cc | 14,300 | 14,300 | 14,300 | 14,300 | 15,600 |
| Fan | Type | Propeller fan | Propeller fan | Propeller fan | Propeller fan | Propeller fan | |
| | Motor Output x Number | W x No. | (900 x 4) + (1,200 x 1) | (900 x 4) + (1,200 x 1) | 900 x 6 | 900 x 6 | 900 x 6 |
| | Air Flow Rate (High) | m³/min x No. | (320 x 2) + (240 x 1) | (320 x 2) + (240 x 1) | 320 x 3 | 320 x 3 | 320 x 3 |
| | Drive | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER | |
| Pipe Connections for Heat Recovery | Liquid Pipe | mm (inch) | Ø19.05 (3/4) | Ø19.05 (3/4) | Ø22.2 (7/8) | Ø22.2 (7/8) | |
| | High Pressure Gas Pipe | mm (inch) | Ø41.3 (1-5/8) | Ø41.3 (1-5/8) | Ø44.5 (1-3/4) | Ø44.5 (1-3/4) | |
| Pipe Connections for Heat Pump | Liquid Pipe | mm (inch) | Ø19.05 (3/4) | Ø19.05 (3/4) | Ø22.2 (7/8) | Ø22.2 (7/8) | |
| | Gas Pipe | mm (inch) | Ø41.3 (1-5/8) | Ø41.3 (1-5/8) | Ø44.5 (1-3/4) | Ø44.5 (1-3/4) | |
| Dimensions (W x H x D) | mm x No. | (1,240 x 1,690 x 760) x 2 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 2 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 3 | (1,240 x 1,690 x 760) x 3 | (1,240 x 1,690 x 760) x 3 | |
| Dimensions (W x H x D) - Shipping | mm x No. | (1,280 x 1,825 x 796) x 2 + (960 x 1,825 x 796) x 1 | (1,280 x 1,825 x 796) x 2 + (960 x 1,825 x 796) x 1 | (1,280 x 1,825 x 796) x 3 | (1,280 x 1,825 x 796) x 3 | (1,280 x 1,825 x 796) x 3 | |
| Net Weight | kg x No. | (310 x 1) + (237 x 1) + (215 x 1) | (310 x 1) + (237 x 1) + (215 x 1) | (310 x 2) + (215 x 1) | (310 x 2) + (237 x 1) | (310 x 2) + (300 x 1) | |
| Shipping Weight | kg x No. | (320 x 1) + (250 x 1) + (225 x 1) | (320 x 1) + (250 x 1) + (225 x 1) | (320 x 2) + (225 x 1) | (320 x 2) + (250 x 1) | (320 x 2) + (312 x 1) | |
| Sound Pressure Level | Cooling | dB(A) | 68.3 | 68.5 | 68.6 | 68.8 | |
| | Heating | dB(A) | 69.8 | 70.4 | 70.5 | 70.6 | |
| Sound Power Level | Cooling | dB(A) | 97.4 | 98.3 | 98.5 | 99.0 | |
| | Heating | dB(A) | 101.4 | 102.2 | 102.5 | 102.6 | |
| Communication Cable | mm² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | |
| Refrigerant | Refrigerant Name | R410A | R410A | R410A | R410A | R410A | |
| | Precharged Amount in Factory | kg | 42.5 | 43.5 | 47.5 | 50.0 | |
| | t-CO ₂ eq | | 88.7 | 90.8 | 99.2 | 104.4 | |
| | Control | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | |
| Power Supply | Ø, V, Hz | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | |
| Number of Maximum Connectable Indoor Units ¹⁾ | | 64 | 64 | 64 | 64 | 64 | |

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

MULTI V 5 HEAT RECOVERY

ARUM68OLTE5 / ARUM70OLTE5
ARUM72OLTE5 / ARUM74OLTE5
ARUM76OLTE5



| HP | | 68 | 70 | 72 | 74 | 76 | |
|--|------------------------------|---|---|---|--|--|-------------------------|
| Model Name | Combination Unit | ARUM68OLTE5 | ARUM70OLTE5 | ARUM72OLTE5 | ARUM74OLTE5 | ARUM76OLTE5 | |
| | Independent Unit | ARUM24OLTE5 ARUM24OLTE5 ARUM20OLTE5 | ARUM24OLTE5 ARUM24OLTE5 ARUM22OLTE5 | ARUM24OLTE5 ARUM24OLTE5 ARUM24OLTE5 | ARUM24OLTE5 ARUM24OLTE5 ARUM14OLTE5 ARUM12OLTE5 | ARUM24OLTE5 ARUM24OLTE5 ARUM16OLTE5 ARUM12OLTE5 | |
| Capacity | Cooling (Rated) | kW | 190.4 | 196.0 | 201.6 | 207.2 | 212.8 |
| | Heating (Rated) | kW | 190.4 | 196.0 | 201.6 | 207.2 | 212.8 |
| | Heating (Max) | kW | 211.5 | 217.8 | 222.8 | 230.4 | 236.7 |
| Input | Cooling (Rated) | kW | 47.57 | 50.50 | 52.20 | 51.06 | 53.27 |
| | Heating (Rated) | kW | 43.98 | 45.93 | 47.67 | 46.76 | 48.91 |
| | Heating (Max) | kW | 52.29 | 54.36 | 56.40 | 55.58 | 58.25 |
| EER | | 4.00 | 3.88 | 3.86 | 4.06 | 3.99 | |
| SEER | | - | - | - | - | - | |
| COP | Rated Capacity | 4.33 | 4.27 | 4.23 | 4.43 | 4.35 | |
| | Max Capacity | 4.05 | 4.01 | 3.95 | 4.15 | 4.06 | |
| SCOP | | - | - | - | - | - | |
| Exterior | Color | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | |
| | RAL Code (Classic) | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | |
| Heat Exchanger | Type | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | |
| | Type | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll | |
| Compressor | Combination x No. | (Inverter) x 6 | (Inverter) x 6 | (Inverter) x 6 | (Inverter) x 6 | (Inverter) x 6 | |
| | Motor Output x Number | W x No. | (5,300 x 5) + (4,200 x 1) | (5,300 x 5) + (4,200 x 1) | 5,300 x 6 | 5,300 x 6 | 5,300 x 6 |
| | Oil Type | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) | |
| | Oil Charge | cc | 15,600 | 15,600 | 15,600 | 18,200 | 18,200 |
| Fan | Type | Propeller fan | Propeller fan | Propeller fan | Propeller fan | Propeller fan | |
| | Motor Output x Number | W x No. | 900 x 6 | 900 x 6 | 900 x 6 | (900 x 6) + (1,200 x 1) | (900 x 6) + (1,200 x 1) |
| | Air Flow Rate (High) | m³/min x No. | 320 x 3 | 320 x 3 | 320 x 3 | (320 x 3) + (240 x 1) | (320 x 3) + (240 x 1) |
| | Drive | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER | |
| Pipe Connections for Heat Recovery | Liquid Pipe | mm (inch) | Ø22.2 (7/8) | Ø22.2 (7/8) | Ø22.2 (7/8) | Ø22.2 (7/8) | Ø22.2 (7/8) |
| | Low Pressure Gas Pipe | mm (inch) | Ø53.98 (2-1/8) | Ø53.98 (2-1/8) | Ø53.98 (2-1/8) | Ø53.98 (2-1/8) | Ø53.98 (2-1/8) |
| Pipe Connections for Heat Pump | Liquid Pipe | mm (inch) | Ø22.2 (7/8) | Ø22.2 (7/8) | Ø22.2 (7/8) | Ø22.2 (7/8) | Ø22.2 (7/8) |
| | Gas Pipe | mm (inch) | Ø53.98 (2-1/8) | Ø53.98 (2-1/8) | Ø53.98 (2-1/8) | Ø53.98 (2-1/8) | Ø53.98 (2-1/8) |
| Dimensions (W x H x D) | mm x No. | (1,240 x 1,690 x 760) x 3 | (1,240 x 1,690 x 760) x 3 | (1,240 x 1,690 x 760) x 3 | (1,240 x 1,690 x 760) x 3 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 3 + (930 x 1,690 x 760) x 1 | |
| Dimensions (W x H x D) - Shipping | mm x No. | (1,280 x 1,825 x 796) x 3 | (1,280 x 1,825 x 796) x 3 | (1,280 x 1,825 x 796) x 3 | (1,280 x 1,825 x 796) x 3 + (960 x 1,825 x 796) x 1 | (1,280 x 1,825 x 796) x 3 + (960 x 1,825 x 796) x 1 | |
| Net Weight | kg x No. | (310 x 2) + (300 x 1) | (310 x 2) + (300 x 1) | 310 x 3 | (310 x 2) + (237 x 1) + (215 x 1) | (310 x 2) + (237 x 1) + (215 x 1) | |
| Shipping Weight | kg x No. | (320 x 2) + (312 x 1) | (320 x 2) + (312 x 1) | 320 x 3 | (320 x 2) + (250 x 1) + (225 x 1) | (320 x 2) + (250 x 1) + (225 x 1) | |
| Sound Pressure Level | Cooling | dB(A) | 69.0 | 69.6 | 69.8 | 69.1 | 69.2 |
| | Heating | dB(A) | 71.1 | 71.3 | 71.8 | 70.9 | 70.9 |
| Sound Power Level | Cooling | dB(A) | 99.2 | 99.2 | 99.8 | 98.8 | 98.9 |
| | Heating | dB(A) | 103.0 | 103.2 | 103.8 | 102.7 | 102.8 |
| Communication Cable | mm² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | |
| Refrigerant | Refrigerant Name | R410A | R410A | R410A | R410A | R410A | |
| | Precharged Amount in Factory | kg | 50.0 | 50.0 | 51.0 | 57.0 | 57.0 |
| | t-CO ₂ eq | 104.4 | 104.4 | 106.5 | 119.0 | 119.0 | |
| | Control | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | |
| Power Supply | Ø, V, Hz | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | |
| Number of Maximum Connectable Indoor Units ¹⁾ | | 64 | 64 | 64 | 64 | 64 | |

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

MULTI V 5 HEAT RECOVERY

ARUM78OLTE5 / ARUM80OLTE5
ARUM82OLTE5 / ARUM84OLTE5
ARUM86OLTE5



| HP | | 78 | 80 | 82 | 84 | 86 | |
|--|------------------------------|--|--|--|--|--|--|
| Model Name | Combination Unit | ARUM78OLTE5 | ARUM80OLTE5 | ARUM82OLTE5 | ARUM84OLTE5 | ARUM86OLTE5 | |
| | Independent Unit | ARUM24OLTE5 ARUM24OLTE5 ARUM18OLTE5 ARUM12OLTE5 | ARUM24OLTE5 ARUM24OLTE5 ARUM20OLTE5 ARUM12OLTE5 | ARUM24OLTE5 ARUM24OLTE5 ARUM22OLTE5 ARUM20OLTE5 | ARUM24OLTE5 ARUM24OLTE5 ARUM24OLTE5 ARUM12OLTE5 | ARUM24OLTE5 ARUM24OLTE5 ARUM24OLTE5 ARUM12OLTE5 | ARUM24OLTE5 ARUM24OLTE5 ARUM24OLTE5 ARUM12OLTE5 |
| Capacity | Cooling (Rated) | kW | 218.4 | 224.0 | 229.6 | 235.2 | 240.8 |
| | Heating (Rated) | kW | 218.4 | 224.0 | 229.6 | 235.2 | 240.8 |
| | Heating (Max) | kW | 243.0 | 249.3 | 255.6 | 260.6 | 266.9 |
| Input | Cooling (Rated) | kW | 53.29 | 55.15 | 58.08 | 59.78 | 60.88 |
| | Heating (Rated) | kW | 48.75 | 50.83 | 52.78 | 54.52 | 55.80 |
| | Heating (Max) | kW | 57.80 | 60.55 | 62.62 | 64.66 | 66.12 |
| EER | | 4.10 | 4.06 | 3.95 | 3.93 | 3.96 | |
| SEER | | - | - | - | - | - | |
| COP | Rated Capacity | 4.48 | 4.41 | 4.35 | 4.31 | 4.32 | |
| | Max Capacity | 4.20 | 4.12 | 4.08 | 4.03 | 4.04 | |
| SCOP | | - | - | - | - | - | |
| Exterior | Color | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | |
| | RAL Code (Classic) | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | |
| Heat Exchanger | Type | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | |
| | Type | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll | |
| Compressor | Combination x No. | (Inverter) x 7 | (Inverter) x 7 | (Inverter) x 7 | (Inverter) x 7 | (Inverter) x 7 | |
| | Motor Output x Number | W x No. | (5,300 x 6) + (4,200 x 1) | (5,300 x 6) + (4,200 x 1) | (5,300 x 6) + (4,200 x 1) | 5,300 x 7 | 5,300 x 7 |
| | Oil Type | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) | |
| | Oil Charge | cc | 19,500 | 19,500 | 19,500 | 19,500 | 19,500 |
| Fan | Type | Propeller fan | Propeller fan | Propeller fan | Propeller fan | Propeller fan | |
| | Motor Output x Number | W x No. | (900 x 6) + (1,200 x 1) | (900 x 6) + (1,200 x 1) | (900 x 6) + (1,200 x 1) | (900 x 6) + (1,200 x 1) | 900 x 8 |
| | Air Flow Rate (High) | m³/min x No. | (320 x 3) + (240 x 1) | (320 x 3) + (240 x 1) | (320 x 3) + (240 x 1) | (320 x 3) + (240 x 1) | 320 x 4 |
| | Drive | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER | |
| Pipe Connections for Heat Recovery | Liquid Pipe | mm (inch) | Ø22.2 (7/8) | Ø22.2 (7/8) | Ø22.2 (7/8) | Ø22.2 (7/8) | Ø22.2 (7/8) |
| | Low Pressure Gas Pipe | mm (inch) | Ø53.98 (2-1/8) | Ø53.98 (2-1/8) | Ø53.98 (2-1/8) | Ø53.98 (2-1/8) | Ø53.98 (2-1/8) |
| Pipe Connections for Heat Pump | Liquid Pipe | mm (inch) | Ø22.2 (7/8) | Ø22.2 (7/8) | Ø22.2 (7/8) | Ø22.2 (7/8) | Ø22.2 (7/8) |
| | Gas Pipe | mm (inch) | Ø53.98 (2-1/8) | Ø53.98 (2-1/8) | Ø53.98 (2-1/8) | Ø53.98 (2-1/8) | Ø53.98 (2-1/8) |
| Dimensions (W x H x D) | mm x No. | (1,240 x 1,690 x 760) x 3 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 3 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 3 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 3 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 4 | |
| Dimensions (W x H x D) - Shipping | mm x No. | (1,280 x 1,825 x 796) x 3 + (960 x 1,825 x 796) x 1 | (1,280 x 1,825 x 796) x 3 + (960 x 1,825 x 796) x 1 | (1,280 x 1,825 x 796) x 3 + (960 x 1,825 x 796) x 1 | (1,280 x 1,825 x 796) x 3 + (960 x 1,825 x 796) x 1 | (1,280 x 1,825 x 796) x 4 | |
| Net Weight | kg x No. | (310 x 2) + (300 x 1) + (215 x 1) | (310 x 2) + (300 x 1) + (215 x 1) | (310 x 2) + (300 x 1) + (215 x 1) | (310 x 2) + (300 x 1) + (215 x 1) | (310 x 3) + (215 x 1) | |
| Shipping Weight | kg x No. | (320 x 2) + (312 x 1) + (225 x 1) | (320 x 2) + (312 x 1) + (225 x 1) | (320 x 2) + (312 x 1) + (225 x 1) | (320 x 2) + (312 x 1) + (225 x 1) | (320 x 3) + (250 x 1) | |
| Sound Pressure Level | Cooling | dB(A) | 69.2 | 69.4 | 70.0 | 70.1 | 70.2 |
| | Heating | dB(A) | 71.0 | 71.4 | 71.6 | 72.1 | 72.1 |
| Sound Power Level | Cooling | dB(A) | 99.2 | 99.4 | 99.4 | 99.9 | 100.1 |
| | Heating | dB(A) | 103.0 | 103.2 | 103.4 | 103.9 | 104.1 |
| Communication Cable | mm² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | |
| Refrigerant | Refrigerant Name | R410A | R410A | R410A | R410A | R410A | |
| | Precharged Amount in Factory | kg | 59.5 | 59.5 | 59.5 | 60.5 | 64.5 |
| | t-CO ₂ eq | 124.2 | 124.2 | 124.2 | 126.3 | 134.6 | |
| | Control | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | |
| Power Supply | Ø, V, Hz | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | |
| Number of Maximum Connectable Indoor Units ¹⁾ | | 64 | 64 | 64 | 64 | 64 | |

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

MULTI V 5 HEAT RECOVERY

ARUM880LTE5 / ARUM900LTE5
ARUM920LTE5 / ARUM940LTE5
ARUM960LTE5



| HP | | 88 | 90 | 92 | 94 | 96 | |
|--|---------------------------------|--|--|--|--|--|----------------|
| Model Name | Combination Unit | ARUM880LTE5 | ARUM900LTE5 | ARUM920LTE5 | ARUM940LTE5 | ARUM960LTE5 | |
| | Independent Unit | ARUM240LTE5 ARUM240LTE5 ARUM240LTE5 ARUM160LTE5 | ARUM240LTE5 ARUM240LTE5 ARUM240LTE5 ARUM180LTE5 | ARUM240LTE5 ARUM240LTE5 ARUM240LTE5 ARUM200LTE5 | ARUM240LTE5 ARUM240LTE5 ARUM240LTE5 ARUM220LTE5 | ARUM240LTE5 ARUM240LTE5 ARUM240LTE5 ARUM240LTE5 | |
| Capacity | Cooling (Rated) | kW | 246.4 | 252.0 | 257.6 | 263.2 | 268.8 |
| | Heating (Rated) | kW | 246.4 | 252.0 | 257.6 | 263.2 | 268.8 |
| | Heating (Max) | kW | 273.2 | 279.5 | 285.8 | 292.1 | 297.0 |
| Input | Cooling (Rated) | kW | 63.09 | 63.11 | 64.97 | 67.90 | 69.60 |
| | Heating (Rated) | kW | 57.95 | 57.79 | 59.87 | 61.82 | 63.56 |
| | Heating (Max) | kW | 68.79 | 68.34 | 71.09 | 73.16 | 75.20 |
| EER | | 3.91 | 3.99 | 3.96 | 3.88 | 3.86 | |
| SEER | | - | - | - | - | - | |
| COP | Rated Capacity | | 4.25 | 4.36 | 4.30 | 4.26 | 4.23 |
| | Max Capacity | | 3.97 | 4.09 | 4.02 | 3.99 | 3.95 |
| SCOP | | - | - | - | - | - | |
| Exterior | Color | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | |
| | RAL Code (Classic) | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | |
| Heat Exchanger | Type | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | Wide Louver Plus / Black Fin | |
| | Type | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll | Hermetically Sealed Scroll | |
| Compressor | Combination x No. | (Inverter) x 7 | (Inverter) x 8 | (Inverter) x 8 | (Inverter) x 8 | (Inverter) x 8 | |
| | Motor Output x Number | W x No. | 5,300 x 7 | (5,300 x 7) + (4,200 x 1) | (5,300 x 7) + (4,200 x 1) | (5,300 x 7) + (4,200 x 1) | 5,300 x 8 |
| | Oil Type | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) | FVC68D (PVE) | |
| | Oil Charge | cc | 19,500 | 20,800 | 20,800 | 20,800 | 20,800 |
| Fan | Type | Propeller fan | Propeller fan | Propeller fan | Propeller fan | Propeller fan | |
| | Motor Output x Number | W x No. | 900 x 8 | 900 x 8 | 900 x 8 | 900 x 8 | 900 x 8 |
| | Air Flow Rate (High) | m ³ /min x No. | 320 x 4 | 320 x 4 | 320 x 4 | 320 x 4 | 320 x 4 |
| | Drive | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER | |
| Pipe Connections for Heat Recovery | Liquid Pipe | mm (inch) | Ø22.2 (7/8) | Ø22.2 (7/8) | Ø22.2 (7/8) | Ø22.2 (7/8) | Ø22.2 (7/8) |
| | Low Pressure Gas Pipe | mm (inch) | Ø53.98 (2-1/8) | Ø53.98 (2-1/8) | Ø53.98 (2-1/8) | Ø53.98 (2-1/8) | Ø53.98 (2-1/8) |
| | High Pressure Gas Pipe | mm (inch) | Ø44.5 (1-3/4) | Ø44.5 (1-3/4) | Ø44.5 (1-3/4) | Ø44.5 (1-3/4) | Ø44.5 (1-3/4) |
| Pipe Connections for Heat Pump | Liquid Pipe | mm (inch) | Ø22.2 (7/8) | Ø22.2 (7/8) | Ø22.2 (7/8) | Ø22.2 (7/8) | Ø22.2 (7/8) |
| | Gas Pipe | mm (inch) | Ø53.98 (2-1/8) | Ø53.98 (2-1/8) | Ø53.98 (2-1/8) | Ø53.98 (2-1/8) | Ø53.98 (2-1/8) |
| Dimensions (W x H x D) | mm x No. | (1,240 x 1,690 x 760) x 4 | (1,240 x 1,690 x 760) x 4 | (1,240 x 1,690 x 760) x 4 | (1,240 x 1,690 x 760) x 4 | (1,240 x 1,690 x 760) x 4 | |
| Dimensions (W x H x D) - Shipping | mm x No. | (1,280 x 1,825 x 796) x 4 | (1,280 x 1,825 x 796) x 4 | (1,280 x 1,825 x 796) x 4 | (1,280 x 1,825 x 796) x 4 | (1,280 x 1,825 x 796) x 4 | |
| Net Weight | kg x No. | (310 x 3) + (237 x 1) | (310 x 3) + (300 x 1) | (310 x 3) + (300 x 1) | (310 x 3) + (300 x 1) | 310 x 4 | |
| Shipping Weight | kg x No. | (320 x 3) + (250 x 1) | (320 x 3) + (312 x 1) | (320 x 3) + (312 x 1) | (320 x 3) + (312 x 1) | 320 x 4 | |
| Sound Pressure Level | Cooling | dB(A) | 70.3 | 70.3 | 70.4 | 70.9 | 71.0 |
| | Heating | dB(A) | 72.2 | 72.2 | 72.5 | 72.7 | 73.0 |
| Sound Power Level | Cooling | dB(A) | 100.2 | 100.4 | 100.6 | 100.6 | 101.0 |
| | Heating | dB(A) | 104.2 | 104.3 | 104.4 | 104.6 | 105.0 |
| Communication Cable | mm ² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | |
| Refrigerant | Refrigerant Name | R410A | R410A | R410A | R410A | R410A | |
| | Precharged Amount in Factory | kg | 64.5 | 67.0 | 67.0 | 67.0 | 68.0 |
| | t-CO ₂ eq | | 134.6 | 139.9 | 139.9 | 139.9 | 142.0 |
| | Control | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | |
| Power Supply | Ø, V, Hz | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | |
| Number of Maximum Connectable Indoor Units ¹⁾ | | 64 | 64 | 64 | 64 | 64 | |

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

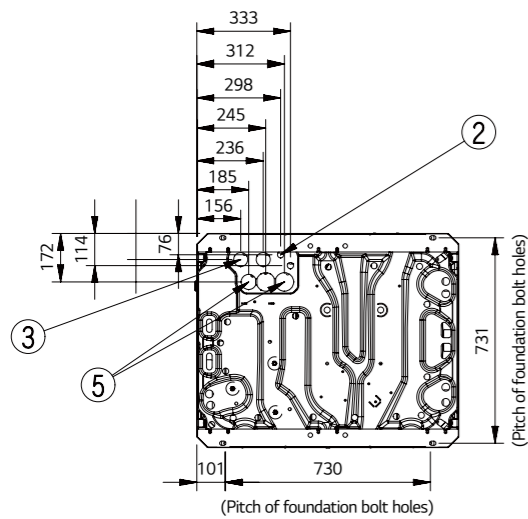
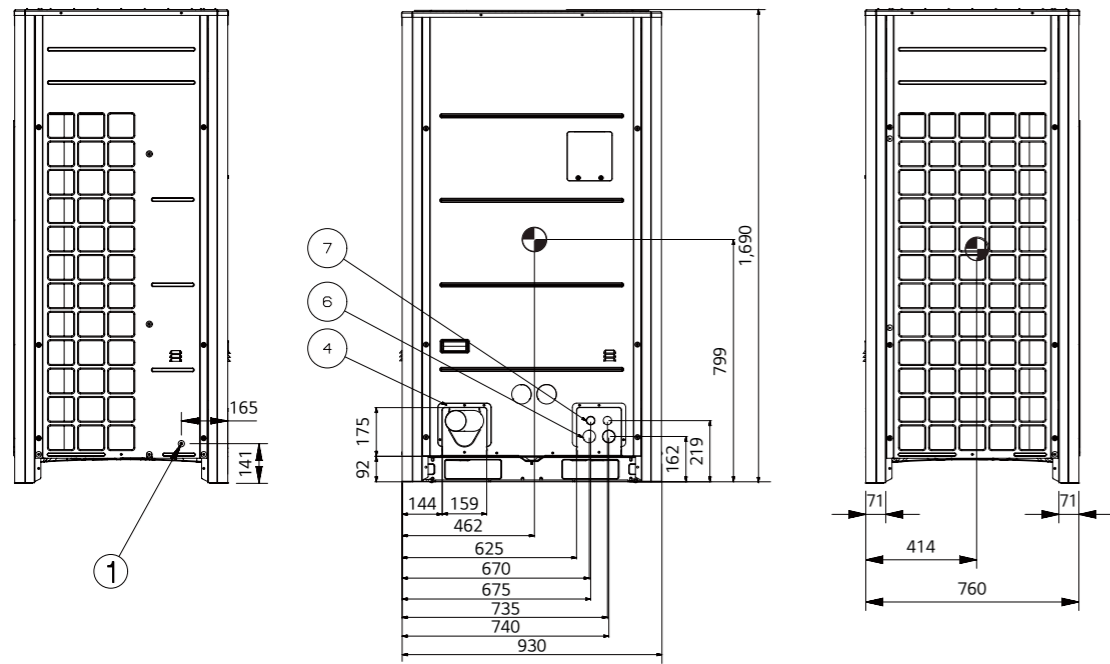
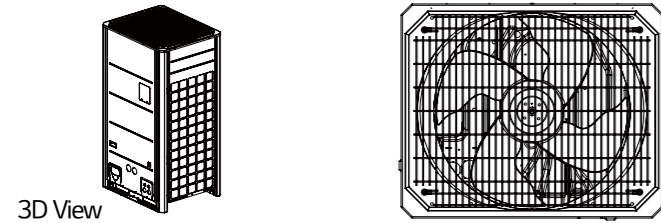
NOTE

- Eurovent Test Condition** : For more info regarding program consult www.eurovent-certification.com
- Capacities are based on the following conditions** :
 - Cooling Temperature : Indoor 27°C (80.6°F) DB / 19°C (66.2°F) WB Outdoor 35°C (95°F) DB / 24°C (75.2°F) WB
 - Heating Temperature : Indoor 20°C (68°F) DB / 15°C (59°F) WB Outdoor 7°C (44.6°F) DB / 6°C (42.8°F) WB
 - Piping Length : Interconnected Pipe Length = 7.5m
 - Difference Limit of Elevation (Outdoor - Indoor Unit) is 0m.
- Wiring cable size must comply with the applicable local and national code.**
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.**
Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Explanation of Terms**
 - EER : Energy Efficiency Ratio (Cooling)
 - SEER : Seasonal Energy Efficiency Ratio (Refer to Typical Cooling Season)
 - COP : Coefficient Of Performance (Heating)
 - SCOP : Seasonal Coefficient Of Performance (Refer to Typical Heating Season)
- Due to our policy of innovation some specifications may be changed without notification.**
- This product contains Fluorinated greenhouse gases.**

ARUM080LTE5 / ARUM100LTE5 / ARUM120LTE5

[Unit : mm]

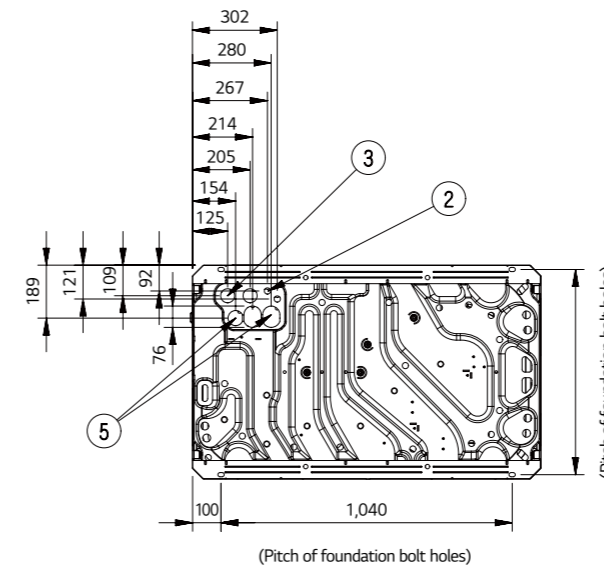
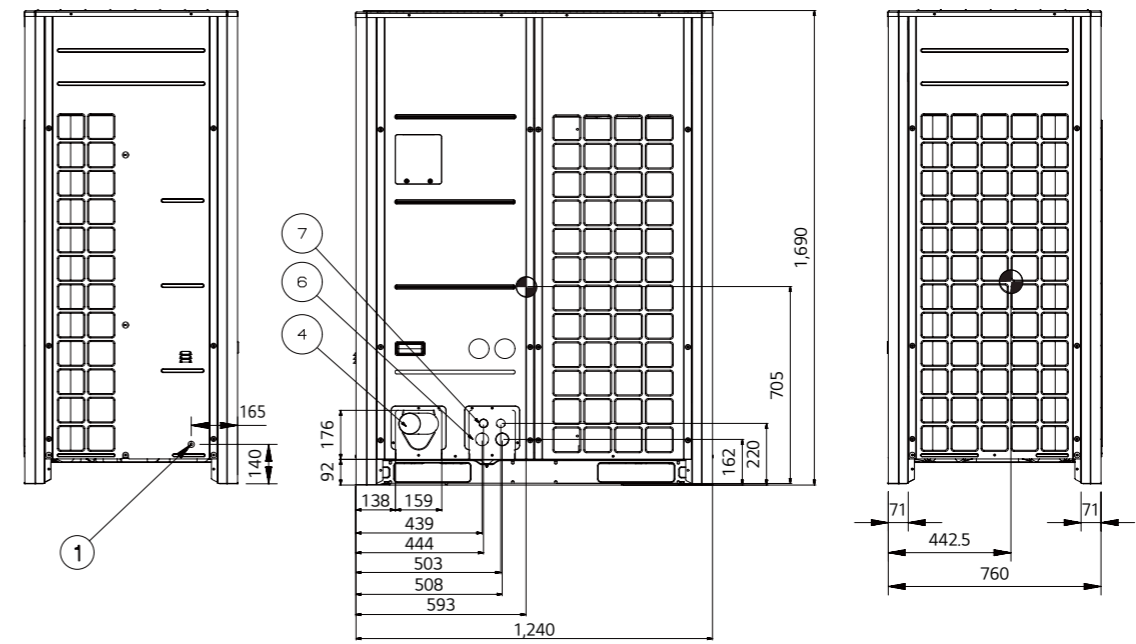
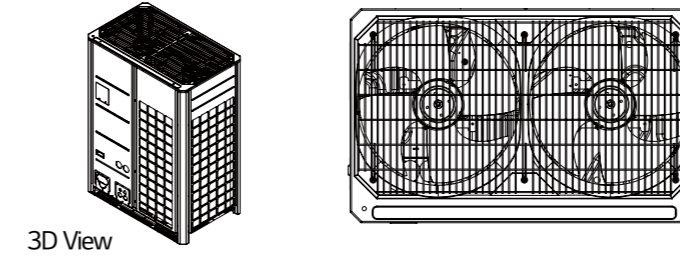
| No | Part Name | Description |
|----|----------------------------------|---------------|
| 1 | Leakage test hole (Side) | Ø22.2 |
| 2 | Wire routing hole (Bottom) | 2-Ø22.2 |
| 3 | Power cord routing hole (Bottom) | 2-Ø50 |
| 4 | Pipe routing hole (Front) | - |
| 5 | Pipe routing hole (Bottom) | 2-Ø66, Ø53.88 |
| 6 | Power cord routing hole (Front) | 2-Ø45 |
| 7 | Wire routing hole (Front) | 2-Ø30 |



ARUM140LTE5 / ARUM160LTE5 / ARUM180LTE5 / ARUM200LTE5
ARUM220LTE5 / ARUM240LTE5 / ARUM260LTE5

[Unit : mm]

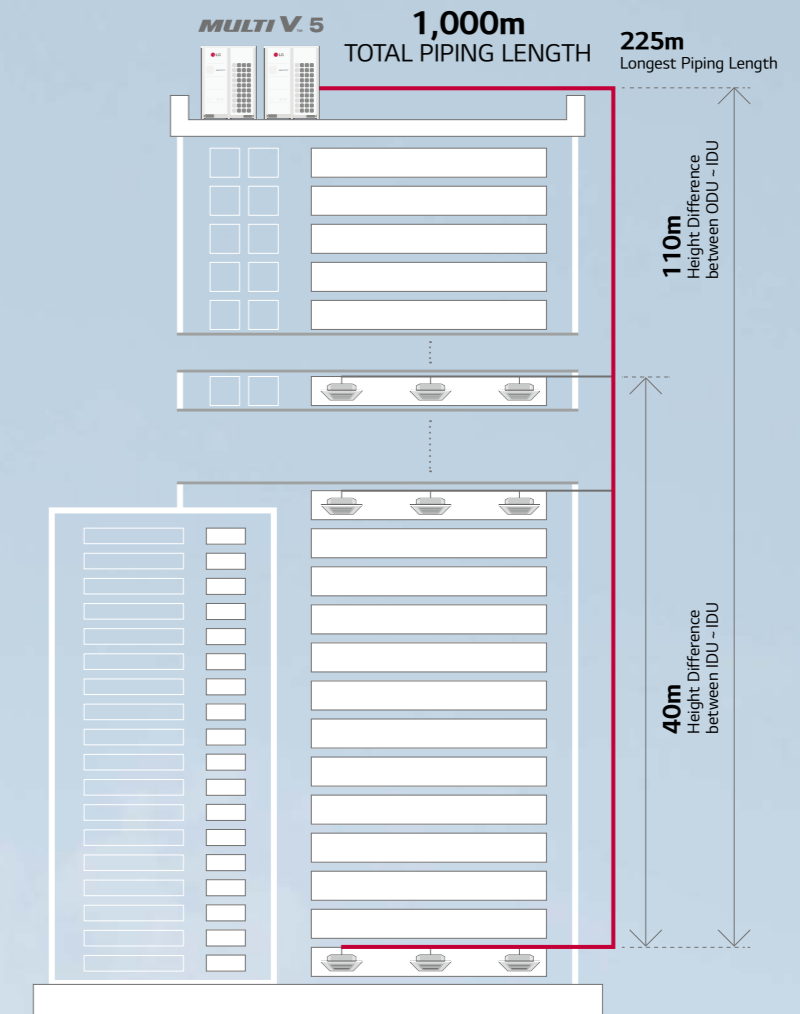
| No | Part Name | Description |
|----|----------------------------------|---------------|
| 1 | Leakage test hole (Side) | Ø22.2 |
| 2 | Wire routing hole (Bottom) | 2-Ø22.2 |
| 3 | Power cord routing hole (Bottom) | 2-Ø50 |
| 4 | Pipe routing hole (Front) | - |
| 5 | Pipe routing hole (Bottom) | 2-Ø66, Ø53.88 |
| 6 | Power cord routing hole (Front) | 2-Ø45 |
| 7 | Wire routing hole (Front) | 2-Ø30 |



MULTI V™ 5 HEAT PUMP

- Air Cooled VRF Heat Pump
- 22.4kW ~ 268.8kW (Cooling capacity based)
- 3Ø, 380 ~ 415V, 50Hz
- Top discharge outdoor unit

1,000M
TOTAL PIPING LENGTH



OUTDOOR
UNITS
MULTI V 5

Design
For
The Ultimate



Energy savings



Reliability



Low noise



Advanced performance

How does it work?

Dual Sensing



Partial Defrost



MULTI V 5 HEAT PUMP

ARUN080LTE5 / ARUN100LTE5
ARUN120LTE5 / ARUN140LTE5



| HP | | 8 | 10 | 12 | 14 | |
|--|------------------------------------|-------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Model Name | Combination Unit | ARUN080LTE5 | ARUN100LTE5 | ARUN120LTE5 | ARUN140LTE5 | |
| | Independent Unit | ARUN080LTE5 | ARUN100LTE5 | ARUN120LTE5 | ARUN140LTE5 | |
| Capacity | Cooling (Rated) | kW | 22.4 | 28.0 | 33.6 | 39.2 |
| | | Btu/h | 76,400 | 95,500 | 114,600 | 133,800 |
| | Heating (Rated) | kW | 25.2 | 31.5 | 37.8 | 44.1 |
| | | Btu/h | 86,000 | 107,500 | 129,000 | 150,500 |
| Input | Cooling (Rated) | kW | 4.59 | 5.70 | 7.91 | 9.12 |
| | Heating (Rated) | kW | 4.74 | 5.78 | 8.06 | 9.78 |
| EER (Rated) | | 4.88 | 4.91 | 4.25 | 4.30 | |
| COP (Rated) | | 5.32 | 5.45 | 4.69 | 4.51 | |
| Power Factor | Rated | - | 0.93 | 0.93 | 0.93 | |
| Exterior | Color | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | |
| | RAL code | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | |
| Heat Exchanger | | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus | |
| Compressor | Motor Output x Number | W x No. | 5,300 x 1 | 5,300 x 1 | 5,300 x 1 | 5,300 x 1 |
| | Type | | Propeller fan | Propeller fan | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | 1,200 x 1 | 1,200 x 1 | 1,200 x 1 | 900 x 2 |
| | Air Flow Rate (High) | m³/min | 240 x 1 | 240 x 1 | 240 x 1 | 320 x 1 |
| | | ft³/min | 8,476 x 1 | 8,476 x 1 | 8,476 x 1 | 11,301 x 1 |
| | External Static Pressure (Max, Pa) | | 80 | 80 | 80 | 80 |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER |
| | Discharge | Side / Top | TOP | TOP | TOP | TOP |
| Pipe Connections | Liquid Pipe | mm (inch) | 9.52 (3/8) | 9.52 (3/8) | 12.7 (1/2) | 12.7 (1/2) |
| | Gas Pipe | mm (inch) | 19.05 (3/4) | 22.2 (7/8) | 28.58 (1-1/8) | 28.58 (1-1/8) |
| Dimensions (W x H x D) | mm x No. | (930 x 1,690 x 760) x 1 | (930 x 1,690 x 760) x 1 | (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 | |
| Net Weight | | kg | 188 x 1 | 188 x 1 | 188 x 1 | 220 x 1 |
| | | lbs | 448 x 1 | 448 x 1 | 448 x 1 | 507 x 1 |
| Sound Pressure Level | Cooling | dB(A) | 58.0 | 58.0 | 59.0 | 60.0 |
| | Heating | dB(A) | 59.0 | 59.0 | 60.0 | 61.0 |
| Sound Power Level | Cooling | dB(A) | 78.0 | 78.0 | 79.0 | 82.0 |
| | Heating | dB(A) | 79.0 | 79.0 | 80.0 | 84.0 |
| Communication Cable | mm² x No. (VCTF-SB) | | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C |
| Refrigerant | Refrigerant name | | R410A | R410A | R410A | R410A |
| | Precharged Amount in factory | kg | 10.0 | 10.0 | 10.0 | 13.0 |
| | | lbs | 22.0 | 22.0 | 22.0 | 28.7 |
| | t-CO ₂ eq | | 20.9 | 20.9 | 20.9 | 27.1 |
| | Control | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | Ø, V, Hz | | 3,380-415, 50 | 3,380-415, 50 | 3,380-415, 50 | 3,380-415, 50 |
| | | | 3,380, 60 | 3,380, 60 | 3,380, 60 | 3,380, 60 |
| Number of maximum connectable indoor units | | 13 (20) | 16 (25) | 20 (30) | 23 (35) | |

- Note
- Due to our policy of innovation some specifications may be changed without notification.
 - Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 - Power factor could vary less than ±1% according to the operating conditions.
 - Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 - Performances are based on the following conditions :
*Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
*Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 - The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 - This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 HEAT PUMP

ARUN160LTE5 / ARUN180LTE5
ARUN200LTE5 / ARUN220LTE5



| HP | | 16 | 18 | 20 | 22 | |
|--|------------------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Model Name | Combination Unit | ARUN160LTE5 | ARUN180LTE5 | ARUN200LTE5 | ARUN220LTE5 | |
| | Independent Unit | ARUN160LTE5 | ARUN180LTE5 | ARUN200LTE5 | ARUN220LTE5 | |
| Capacity | Cooling (Rated) | kW | 44.8 | 50.4 | 56.0 | 61.6 |
| | | Btu/h | 152,900 | 172,000 | 191,100 | 210,200 |
| | Heating (Rated) | kW | 50.4 | 56.7 | 63.0 | 69.3 |
| | | Btu/h | 172,000 | 193,500 | 215,000 | 236,500 |
| Input | Cooling (Rated) | kW | 10.80 | 10.96 | 12.31 | 14.84 |
| | Heating (Rated) | kW | 11.59 | 12.06 | 15.52 | 17.54 |
| EER (Rated) | | 4.15 | 4.60 | 4.55 | 4.15 | |
| COP (Rated) | | 4.35 | 4.70 | 4.06 | 3.95 | |
| Power Factor | Rated | - | 0.93 | 0.93 | 0.93 | |
| Exterior | Color | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | |
| | RAL code | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | |
| Heat Exchanger | | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus | |
| Compressor | Motor Output x Number | W x No. | 5,300 x 1 | 5,300 x 1 + 4,200 x 1 | 5,300 x 2 | 5,300 x 2 |
| | Type | | Propeller fan | Propeller fan | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | 900 x 2 | 900 x 2 | 900 x 2 | 900 x 2 |
| | Air Flow Rate (High) | m³/min | 320 x 1 | 320 x 1 | 320 x 1 | 320 x 1 |
| | | ft³/min | 11,301 x 1 | 11,301 x 1 | 11,301 x 1 | 11,301 x 1 |
| | External Static Pressure (Max, Pa) | | 80 | 80 | 80 | 80 |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER |
| | Discharge | Side / Top | TOP | TOP | TOP | TOP |
| Pipe Connections | Liquid Pipe | mm (inch) | 12.7 (1/2) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |
| | Gas Pipe | mm (inch) | 28.58 (1-1/8) | 28.58 (1-1/8) | 28.58 (1-1/8) | 28.58 (1-1/8) |
| Dimensions (W x H x D) | mm x No. | (1,240 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 | |
| Net Weight | | kg | 220 x 1 | 260 x 1 | 274 x 1 | 274 x 1 |
| | | lbs | 507 x 1 | 595 x 1 | 635 x 1 | 635 x 1 |
| Sound Pressure Level | Cooling | dB(A) | 60.5 | 61.0 | 64.5 | 64.5 |
| | Heating | dB(A) | 61.5 | 62.0 | 64.5 | 65.5 |
| Sound Power Level | Cooling | dB(A) | 83.0 | 85.0 | 86.0 | 86.0 |
| | Heating | dB(A) | 85.0 | 86.0 | 87.0 | 88.0 |
| Communication Cable | mm² x No. (VCTF-SB) | | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C |
| Refrigerant | Refrigerant name | | R410A | R410A | R410A | R410A |
| | Precharged Amount in factory | kg | 13.0 | 13.0 | 14.0 | 14.0 |
| | | lbs | 28.7 | 28.7 | 30.9 | 30.9 |
| | t-CO ₂ eq | | 27.1 | 27.1 | 29.2 | 29.2 |
| | Control | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | Ø, V, Hz | | 3,380-415, 50 | 3,380-415, 50 | 3,380-415, 50 | 3,380-415, 50 |
| | | | 3,380, 60 | 3,380, 60 | 3,380, 60 | 3,380, 60 |
| Number of maximum connectable indoor units | | 26 (40) | 29 (45) | 32 (50) | 35 (56) | |

- Note
- Due to our policy of innovation some specifications may be changed without notification.
 - Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 - Power factor could vary less than ±1% according to the operating conditions.
 - Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 - Performances are based on the following conditions :
*Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
*Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 - The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 - This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 HEAT PUMP

ARUN240LTE5 / ARUN260LTE5



| HP | | | 24 | 26 |
|---|------------------------------------|---------------------|----------------------------|----------------------------|
| Model Name | Combination Unit | | ARUN240LTE5 | ARUN260LTE5 |
| | Independent Unit | | ARUN240LTE5 | ARUN260LTE5 |
| Capacity | Cooling (Rated) | kW | 67.2 | 72.8 |
| | | Btu/h | 229,300 | 248,400 |
| | Heating (Rated) | kW | 74.3 | 74.3 |
| | | Btu/h | 253,400 | 253,400 |
| Input | Cooling (Rated) | kW | 16.76 | 19.41 |
| | Heating (Rated) | kW | 18.85 | 19.49 |
| EER (Rated) | | | 4.01 | 3.75 |
| COP (Rated) | | | 3.94 | 3.81 |
| Power Factor | Rated | - | 0.93 | 0.93 |
| Exterior | Color | | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray |
| | RAL code | | NL503K / NA507K | NL503K / NA507K |
| Heat Exchanger | | | Wide Louver Plus | Wide Louver Plus |
| Compressor | Motor Output x Number | W x No. | 5,300 x 2 | 5,300 x 2 |
| | Type | | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | 900 x 2 | 900 x 2 |
| | Air Flow Rate (High) | m³/min | 320 x 1 | 320 x 1 |
| | | ft³/min | 11,301 x 1 | 11,301 x 1 |
| | External Static Pressure (Max, Pa) | | 80 | 80 |
| | Drive | | DC INVERTER | DC INVERTER |
| | Discharge | | Side / Top | TOP |
| Pipe Connections | Liquid Pipe | mm (inch) | 15.88 (5/8) | 19.05 (3/4) |
| | Gas Pipe | mm (inch) | 34.9 (1-3/8) | 34.9 (1-3/8) |
| Dimensions (W x H x D) | | mm x No. | (1,240 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 |
| Net Weight | | | kg | 276 x 1 |
| | | | lbs | 639 x 1 |
| Sound Pressure Level | Cooling | dB(A) | 65.0 | 65.0 |
| | Heating | dB(A) | 67.0 | 67.0 |
| Sound Power Level | Cooling | dB(A) | 88.0 | 88.0 |
| | Heating | dB(A) | 90.0 | 90.0 |
| Communication Cable | | mm² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C |
| Refrigerant | Refrigerant name | | R410A | R410A |
| | Precharged Amount in factory | kg | 16.0 | 16.0 |
| | | lbs | 35.3 | 35.3 |
| | t-CO ₂ eq | | 33.4 | 33.4 |
| | Control | | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | Ø, V, Hz | | 3, 380-415, 50 | 3, 380-415, 50 |
| | | | 3, 380, 60 | 3, 380, 60 |
| Number of maximum connectable indoor units | | | 39 (61) | 42 (64) |

- Note
- Due to our policy of innovation some specifications may be changed without notification.
 - Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 - Power factor could vary less than ±1% according to the operating conditions.
 - Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 - Performances are based on the following conditions :
*Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
*Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 - The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 - This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 HEAT PUMP

ARUN300LTN5 / ARUN320LTN5



| HP | | | 30' | 32' |
|---|------------------------------------|---------------------|----------------------------|----------------------------|
| Model Name | Combination Unit | | ARUN300LTN5 | ARUN320LTN5 |
| | Independent Unit | | ARUN300LTN5 | ARUN320LTN5 |
| Capacity | Cooling (Rated) | kW | 84.0 | 89.6 |
| | | Btu/h | 286,600 | 305,700 |
| | Heating (Rated) | kW | 94.5 | 100.8 |
| | | Btu/h | 322,400 | 343,900 |
| Input | Cooling (Rated) | kW | 22.40 | 27.15 |
| | Heating (Rated) | kW | 22.00 | 24.90 |
| EER (Rated) | | | 3.75 | 3.30 |
| COP (Rated) | | | 4.30 | 4.05 |
| Power Factor | Rated | - | 0.93 | 0.93 |
| Exterior | Color | | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray |
| | RAL code | | NL503K / NA507K | NL503K / NA507K |
| Heat Exchanger | | | Wide Louver Plus | Wide Louver Plus |
| Compressor | Motor Output x Number | W x No. | 5,300 x 2 | 5,300 x 2 |
| | Type | | Propeller Fan | Propeller Fan |
| Fan | Motor Output x Number | W | 1,500 x 2 | 1,500 x 2 |
| | Air Flow Rate (High) | m³/min | 430 x 2 | 430 x 2 |
| | | ft³/min | 15,185 x 2 | 15,185 x 2 |
| | External Static Pressure (Max, Pa) | | 80 | 80 |
| | Drive | | DC INVERTER | DC INVERTER |
| | Discharge | | Side / Top | TOP |
| Pipe Connections | Liquid Pipe | mm (inch) | 19.05 (3/4) | 19.05 (3/4) |
| | Gas Pipe | mm (inch) | 34.9 (1-3/8) | 34.9 (1-3/8) |
| Dimensions (W x H x D) | | mm x No. | (1,640 x 1,690 x 760) x 1 | (1,640 x 1,690 x 760) x 1 |
| Net Weight | | | kg | 362 x 1 |
| | | | lbs | 798 x 1 |
| Sound Pressure Level | Cooling | dB(A) | 65.0 | 65.0 |
| | Heating | dB(A) | 67.0 | 67.0 |
| Sound Power Level | Cooling | dB(A) | 88.0 | 88.0 |
| | Heating | dB(A) | 90.0 | 90.0 |
| Communication Cable | | mm² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C |
| Refrigerant | Refrigerant name | | R410A | R410A |
| | Precharged Amount in factory | kg | 17.5 | 17.5 |
| | | lbs | 38.6 | 38.6 |
| | t-CO ₂ eq | | 36.5 | 36.5 |
| | Control | | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | Ø, V, Hz | | 3, 380-415, 50 | 3, 380-415, 50 |
| | | | 3, 380, 60 | 3, 380, 60 |
| Number of maximum connectable indoor units | | | 49 (60) | 52 (64) |

- Note
- Due to our policy of innovation some specifications may be changed without notification.
 - Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 - Power factor could vary less than ±1% according to the operating conditions.
 - Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 - Performances are based on the following conditions :
*Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
*Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 - The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 - This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 HEAT PUMP

ARUN221LTE5 / ARUN241LTE5



| HP | | | 22' | 24' |
|---|------------------------------------|------------------------|--|--|
| Model Name | Combination Unit | | ARUN221LTE5 | ARUN241LTE5 |
| | Independent Unit | | ARUN120LTE5 ARUN100LTE5 | ARUN120LTE5 ARUN120LTE5 |
| Capacity | Cooling (Rated) | kW | 61.6 | 67.2 |
| | | Btu/h | 210,100 | 229,200 |
| | Heating (Rated) | kW | 69.3 | 75.6 |
| | | Btu/h | 236,500 | 258,000 |
| Input | Cooling (Rated) | kW | 13.60 | 15.81 |
| | Heating (Rated) | kW | 13.80 | 16.12 |
| EER (Rated) | | | 4.53 | 4.25 |
| COP (Rated) | | | 5.01 | 4.69 |
| Power Factor | Rated | - | 0.93 | 0.93 |
| Exterior | Color | | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray |
| | RAL code | | NL503K / NA507K | NL503K / NA507K |
| Heat Exchanger | | | Wide Louver Plus | Wide Louver Plus |
| Compressor | Motor Output x Number | W x No. | 5,300 x 2 | 5,300 x 2 |
| | Type | | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | (1,200 x 1) + (1,200 x 1) | (1,200 x 1) + (1,200 x 1) |
| | Air Flow Rate (High) | m³/min ft³/min | (240 x 1) + (240 x 1) (8,476 x 1) + (8,476 x 1) | (240 x 1) + (240 x 1) (8,476 x 1) + (8,476 x 1) |
| | External Static Pressure (Max, Pa) | | 80 | 80 |
| | Drive | | DC INVERTER | DC INVERTER |
| Pipe Connections | Liquid Pipe | mm (inch) | 15.88 (5/8) | 15.88 (5/8) |
| | Gas Pipe | mm (inch) | 28.58 (1-1/8) | 34.9 (1-3/8) |
| Dimensions (W x H x D) | | mm x No. | (930 x 1,690 x 760) x 2 | (930 x 1,690 x 760) x 2 |
| Net Weight | | kg lbs | 203 x 2 448 x 2 | 203 x 2 448 x 2 |
| Sound Pressure Level | Cooling | dB(A) | 61.5 | 62.0 |
| | Heating | dB(A) | 62.5 | 63.0 |
| Sound Power Level | Cooling | dB(A) | 81.5 | 82.0 |
| | Heating | dB(A) | 82.5 | 83.0 |
| Communication Cable | | mm² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C |
| Refrigerant | Refrigerant name | | R410A | R410A |
| | Precharged Amount in factory | kg | 10.0 + 10.0 | 10.0 + 10.0 |
| | | lbs | 22.0 + 22.0 | 22.0 + 22.0 |
| | t-CO ₂ eq | | 41.8 | 41.8 |
| Control | | | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | | Ø, V, Hz | 3, 380-415, 50 3, 380, 60 | 3, 380-415, 50 3, 380, 60 |
| Number of maximum connectable indoor units | | | 35 (44) | 39 (48) |

- Note
- Due to our policy of innovation some specifications may be changed without notification.
 - Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 - Power factor could vary less than ±1% according to the operating conditions.
 - Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 - Performances are based on the following conditions :
*Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
*Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 - The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 - This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 HEAT PUMP

ARUN261LTE5 / ARUN280LTE5
ARUN300LTE5 / ARUN320LTE5



| HP | | | 26' | 28' | 30' | 32' |
|---|------------------------------------|------------------------|--|--|--|--|
| Model Name | Combination Unit | | ARUN261LTE5 | ARUN280LTE5 | ARUN300LTE5 | ARUN320LTE5 |
| | Independent Unit | | ARUN140LTE5 ARUN120LTE5 | ARUN160LTE5 ARUN120LTE5 | ARUN180LTE5 ARUN120LTE5 | ARUN200LTE5 ARUN120LTE5 |
| Capacity | Cooling (Rated) | kW | 72.8 | 78.4 | 84.0 | 89.6 |
| | | Btu/h | 248,400 | 267,500 | 286,600 | 305,700 |
| | Heating (Rated) | kW | 81.9 | 88.2 | 94.5 | 100.8 |
| | | Btu/h | 279,500 | 301,000 | 322,500 | 344,000 |
| Input | Cooling (Rated) | kW | 17.02 | 18.70 | 18.86 | 20.21 |
| | Heating (Rated) | kW | 17.84 | 19.65 | 20.12 | 23.58 |
| EER (Rated) | | | 4.28 | 4.19 | 4.45 | 4.43 |
| COP (Rated) | | | 4.59 | 4.49 | 4.70 | 4.28 |
| Power Factor | Rated | - | 0.93 | 0.93 | 0.93 | 0.93 |
| Exterior | Color | | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray |
| | RAL code | | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K |
| Heat Exchanger | | | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus |
| Compressor | Motor Output x Number | W x No. | 5,300 x 2 | 5,300 x 2 | (5,300 x 2) + (4,200 x 1) | (5,300 x 2) + (4,200 x 1) |
| | Type | | Propeller fan | Propeller fan | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | (900 x 2) + (1,200 x 1) | (900 x 2) + (1,200 x 1) | (900 x 2) + (1,200 x 1) | (900 x 2) + (1,200 x 1) |
| | Air Flow Rate (High) | m³/min ft³/min | (320 x 1) + (240 x 1) (11,301 x 1) + (8,476 x 1) | (320 x 1) + (240 x 1) (11,301 x 1) + (8,476 x 1) | (320 x 1) + (240 x 1) (11,301 x 1) + (8,476 x 1) | (320 x 1) + (240 x 1) (11,301 x 1) + (8,476 x 1) |
| | External Static Pressure (Max, Pa) | | 80 | 80 | 80 | 80 |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER |
| Pipe Connections | Liquid Pipe | mm (inch) | 19.05 (3/4) | 19.05 (3/4) | 19.05 (3/4) | 19.05 (3/4) |
| | Gas Pipe | mm (inch) | 34.9 (1-3/8) | 34.9 (1-3/8) | 34.9 (1-3/8) | 34.9 (1-3/8) |
| Dimensions (W x H x D) | | mm x No. | (1,240 x 1,690 x 760) x 1 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 + (930 x 1,690 x 760) x 1 |
| Net Weight | | kg lbs | (220 x 1) + (188 x 1) (507 x 1) + (448 x 1) | (220 x 1) + (188 x 1) (507 x 1) + (448 x 1) | (260 x 1) + (188 x 1) (595 x 1) + (448 x 1) | (274 x 1) + (188 x 1) (635 x 1) + (448 x 1) |
| Sound Pressure Level | Cooling | dB(A) | 62.5 | 62.8 | 63.1 | 63.8 |
| | Heating | dB(A) | 63.5 | 63.8 | 64.1 | 65.8 |
| Sound Power Level | Cooling | dB(A) | 83.8 | 84.5 | 86.0 | 86.8 |
| | Heating | dB(A) | 85.5 | 86.2 | 87.0 | 87.8 |
| Communication Cable | | mm² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C |
| Refrigerant | Refrigerant name | | R410A | R410A | R410A | R410A |
| | Precharged Amount in factory | kg | 13.0 + 10.0 | 13.0 + 10.0 | 13.0 + 10.0 | 14.0 + 10.0 |
| | | lbs | 28.7 + 22.0 | 28.7 + 22.0 | 28.7 + 22.0 | 30.9 + 22.0 |
| | t-CO ₂ eq | | 48.0 | 48.0 | 48.0 | 50.1 |
| Control | | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | | Ø, V, Hz | 3, 380-415, 50 3, 380, 60 | 3, 380-415, 50 3, 380, 60 | 3, 380-415, 50 3, 380, 60 | 3, 380-415, 50 3, 380, 60 |
| Number of maximum connectable indoor units | | | 42 (52) | 45 (56) | 49 (60) | 52 (64) |

- Note
- Due to our policy of innovation some specifications may be changed without notification.
 - Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 - Power factor could vary less than ±1% according to the operating conditions.
 - Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 - Performances are based on the following conditions :
*Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
*Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 - The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 - This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 HEAT PUMP

ARUN340LTE5 / ARUN360LTE5
ARUN380LTE5 / ARUN400LTE5



| HP | | 34 | 36 | 38 | 40 | |
|---|------------------------------------|----------------------------|--|--|----------------------------|----------------------------|
| Model Name | Combination Unit | ARUN340LTE5 | ARUN360LTE5 | ARUN380LTE5 | ARUN400LTE5 | |
| | Independent Unit | ARUN220LTE5 ARUN120LTE5 | ARUN240LTE5 ARUN120LTE5 | ARUN240LTE5 ARUN140LTE5 | ARUN240LTE5 ARUN160LTE5 | |
| Capacity | Cooling (Rated) | kW | 95.2 | 100.8 | 106.4 | 112.0 |
| | | Btu/h | 324,800 | 343,900 | 363,100 | 382,200 |
| | Heating (Rated) | kW | 107.1 | 112.1 | 118.4 | 124.7 |
| | | Btu/h | 365,500 | 382,400 | 403,900 | 425,400 |
| Input | Cooling (Rated) | kW | 22.75 | 24.66 | 25.87 | 27.55 |
| | Heating (Rated) | kW | 25.60 | 26.91 | 28.62 | 30.43 |
| EER (Rated) | | | 4.18 | 4.09 | 4.11 | 4.06 |
| COP (Rated) | | | 4.18 | 4.16 | 4.13 | 4.10 |
| Power Factor | Rated | - | 0.93 | 0.93 | 0.93 | 0.93 |
| Exterior | Color | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | |
| | RAL code | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | |
| Heat Exchanger | | Wide Louver Plus | | | | |
| Compressor | Motor Output x Number | W x No. | 5,300 x 3 | 5,300 x 3 | 5,300 x 3 | 5,300 x 3 |
| | Type | | Propeller fan | Propeller fan | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | (900 x 2) + (1,200 x 1) | (900 x 2) + (1,200 x 1) | 900 x 4 | 900 x 4 |
| | Air Flow Rate (High) | m³/min | (320 x 1) + (240 x 1) | (320 x 1) + (240 x 1) | 320 x 2 | 320 x 2 |
| | | ft³/min | (11,301 x 1) + (8,476 x 1) | (11,301 x 1) + (8,476 x 1) | 11,301 x 2 | 11,301 x 2 |
| | External Static Pressure (Max, Pa) | | 80 | 80 | 80 | 80 |
| Pipe Connections | Liquid Pipe | mm (inch) | 19.05 (3/4) | 19.05 (3/4) | 19.05 (3/4) | 19.05 (3/4) |
| | Gas Pipe | mm (inch) | 34.9 (1-3/8) | 41.3 (1-5/8) | 41.3 (1-5/8) | 41.3 (1-5/8) |
| Dimensions (W x H x D) | | mm x No. | (1,240 x 1,690 x 760) x 1 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 2 | (1,240 x 1,690 x 760) x 2 |
| Net Weight | | kg | (274 x 1) + (188 x 1) | (276 x 1) + (188 x 1) | (276 x 1) + (220 x 1) | (276 x 1) + (220 x 1) |
| Sound Pressure Level | Cooling | dB(A) | 65.6 | 66.0 | 66.2 | 66.3 |
| | Heating | dB(A) | 66.6 | 67.8 | 68.0 | 68.1 |
| Sound Power Level | Cooling | dB(A) | 86.8 | 88.5 | 89.0 | 89.2 |
| | Heating | dB(A) | 88.6 | 90.4 | 91.0 | 91.2 |
| Communication Cable | | mm² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C |
| Refrigerant | Refrigerant name | | R410A | R410A | R410A | R410A |
| | Precharged Amount in factory | kg | 14.0 + 10.0 | 16.0 + 10.0 | 16.0 + 13.0 | 16.0 + 13.0 |
| | | lbs | 30.9 + 22.0 | 35.3 + 22.0 | 35.3 + 28.7 | 35.3 + 28.7 |
| | t-CO ₂ eq | | 50.1 | 54.3 | 60.5 | 60.5 |
| Control | | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | | Ø, V, Hz | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 |
| Number of maximum connectable indoor units | | | 3, 380, 60 | 3, 380, 60 | 3, 380, 60 | 3, 380, 60 |
| Number of maximum connectable indoor units | | | 55 (64) | 58 (64) | 61 (64) | 64 |

- Note
- Due to our policy of innovation some specifications may be changed without notification.
 - Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 - Power factor could vary less than ±1% according to the operating conditions.
 - Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 - Performances are based on the following conditions :
*Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
*Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 - The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 - This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 HEAT PUMP

ARUN420LTE5 / ARUN440LTE5
ARUN460LTE5 / ARUN480LTE5



| HP | | 42 | 44 | 46 | 48 | |
|---|------------------------------------|----------------------------|--|--|--|--------------------------------------|
| Model Name | Combination Unit | ARUN420LTE5 | ARUN440LTE5 | ARUN460LTE5 | ARUN480LTE5 | |
| | Independent Unit | ARUN240LTE5 ARUN180LTE5 | ARUN240LTE5 ARUN200LTE5 | ARUN240LTE5 ARUN220LTE5 | ARUN240LTE5 ARUN240LTE5 | |
| Capacity | Cooling (Rated) | kW | 117.6 | 123.2 | 128.8 | 134.4 |
| | | Btu/h | 401,300 | 420,400 | 439,500 | 458,600 |
| | Heating (Rated) | kW | 131.0 | 137.3 | 143.6 | 148.5 |
| | | Btu/h | 446,900 | 468,400 | 489,900 | 506,800 |
| Input | Cooling (Rated) | kW | 27.71 | 29.07 | 31.60 | 33.52 |
| | Heating (Rated) | kW | 30.91 | 34.36 | 36.39 | 37.69 |
| EER (Rated) | | | 4.24 | 4.24 | 4.08 | 4.01 |
| COP (Rated) | | | 4.24 | 3.99 | 3.94 | 3.94 |
| Power Factor | Rated | - | 0.93 | 0.93 | 0.93 | 0.93 |
| Exterior | Color | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | |
| | RAL code | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | |
| Heat Exchanger | | Wide Louver Plus | | | | |
| Compressor | Motor Output x Number | W x No. | (5,300 x 3) + (4,200 x 1) | 5,300 x 4 | 5,300 x 4 | 5,300 x 4 |
| | Type | | Propeller fan | Propeller fan | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | 900 x 4 | 900 x 4 | 900 x 4 | 900 x 4 |
| | Air Flow Rate (High) | m³/min | 320 x 2 | 320 x 2 | 320 x 2 | 320 x 2 |
| | | ft³/min | 11,301 x 2 | 11,301 x 2 | 11,301 x 2 | 11,301 x 2 |
| | External Static Pressure (Max, Pa) | | 80 | 80 | 80 | 80 |
| Pipe Connections | Liquid Pipe | mm (inch) | 19.05 (3/4) | 19.05 (3/4) | 19.05 (3/4) | 19.05 (3/4) |
| | Gas Pipe | mm (inch) | 41.3 (1-5/8) | 41.3 (1-5/8) | 41.3 (1-5/8) | 41.3 (1-5/8) |
| Dimensions (W x H x D) | | mm x No. | (1,240 x 1,690 x 760) x 2 (276 x 1) + (260 x 1) | (1,240 x 1,690 x 760) x 2 (276 x 1) + (274 x 1) | (1,240 x 1,690 x 760) x 2 (276 x 1) + (274 x 1) | (1,240 x 1,690 x 760) x 2 276 x 2 |
| Net Weight | | kg | (639 x 1) + (595 x 1) | (639 x 1) + (635 x 1) | (639 x 1) + (635 x 1) | 639 x 2 |
| Sound Pressure Level | Cooling | dB(A) | 66.5 | 66.8 | 67.8 | 68.0 |
| | Heating | dB(A) | 68.2 | 68.9 | 69.3 | 70.0 |
| Sound Power Level | Cooling | dB(A) | 89.8 | 90.1 | 90.1 | 91.0 |
| | Heating | dB(A) | 91.5 | 91.8 | 92.1 | 93.0 |
| Communication Cable | | mm² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C |
| Refrigerant | Refrigerant name | | R410A | R410A | R410A | R410A |
| | Precharged Amount in factory | kg | 16.0 + 13.0 | 16.0 + 14.0 | 16.0 + 14.0 | 16.0 + 16.0 |
| | | lbs | 35.3 + 28.7 | 35.3 + 30.9 | 35.3 + 30.9 | 35.3 + 35.3 |
| | t-CO ₂ eq | | 60.5 | 62.6 | 62.6 | 66.8 |
| Control | | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | | Ø, V, Hz | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 |
| Number of maximum connectable indoor units | | | 3, 380, 60 | 3, 380, 60 | 3, 380, 60 | 3, 380, 60 |
| Number of maximum connectable indoor units | | | 64 | 64 | 64 | 64 |

- Note
- Due to our policy of innovation some specifications may be changed without notification.
 - Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 - Power factor could vary less than ±1% according to the operating conditions.
 - Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 - Performances are based on the following conditions :
*Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
*Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 - The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 - This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 HEAT PUMP

ARUN500LTE5 / ARUN520LTE5
ARUN540LTE5 / ARUN560LTE5



| HP | | | 50 | 52 | 54 | 56 |
|--|------------------------------------|---|---|---|---|---|
| Model Name | Combination Unit | | ARUN500LTE5 | ARUN520LTE5 | ARUN540LTE5 | ARUN560LTE5 |
| | Independent Unit | | ARUN240LTE5 ARUN140LTE5 ARUN120LTE5 | ARUN240LTE5 ARUN160LTE5 ARUN120LTE5 | ARUN240LTE5 ARUN180LTE5 ARUN120LTE5 | ARUN240LTE5 ARUN200LTE5 ARUN120LTE5 |
| Capacity | Cooling (Rated) | kW | 140.0 | 145.6 | 151.2 | 156.8 |
| | | Btu/h | 477,700 | 496,800 | 515,900 | 535,000 |
| | Heating (Rated) | kW | 156.2 | 162.5 | 168.8 | 175.1 |
| | | Btu/h | 532,900 | 554,400 | 575,900 | 597,400 |
| Input | Cooling (Rated) | kW | 33.78 | 35.46 | 35.62 | 36.97 |
| | Heating (Rated) | kW | 36.68 | 38.49 | 38.97 | 42.42 |
| EER (Rated) | | | 4.14 | 4.11 | 4.24 | 4.24 |
| COP (Rated) | | | 4.26 | 4.22 | 4.33 | 4.13 |
| Power Factor | Rated | - | 0.93 | 0.93 | 0.93 | 0.93 |
| Exterior | Color | | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray |
| | RAL code | | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K |
| Heat Exchanger | | | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus |
| Compressor | Motor Output x Number | W x No. | 5,300 x 4 | 5,300 x 4 | (5,300 x 4) + (4,200 x 1) | 5,300 x 5 |
| | Type | | Propeller fan | Propeller fan | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | (900 x 4) + (1,200 x 1) | (900 x 4) + (1,200 x 1) | (900 x 4) + (1,200 x 1) | (900 x 4) + (1,200 x 1) |
| | Air Flow Rate (High) | m ³ /min ft ³ /min | (320 x 2) + (240 x 1) (11,301 x 2) + (8,476 x 1) | (320 x 2) + (240 x 1) (11,301 x 2) + (8,476 x 1) | (320 x 2) + (240 x 1) (11,301 x 2) + (8,476 x 1) | (320 x 2) + (240 x 1) (11,301 x 2) + (8,476 x 1) |
| | External Static Pressure (Max, Pa) | | 80 | 80 | 80 | 80 |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER |
| | Discharge | Side / Top | TOP | TOP | TOP | TOP |
| | Pipe Connections | Liquid Pipe | mm (inch) | 19.05 (3/4) | 19.05 (3/4) | 19.05 (3/4) |
| | Gas Pipe | mm (inch) | 41.3 (1-5/8) | 41.3 (1-5/8) | 41.3 (1-5/8) | 41.3 (1-5/8) |
| Dimensions (W x H x D) | | | mm x No. | (1,240 x 1,690 x 760) x 2 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 2 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 2 + (930 x 1,690 x 760) x 1 |
| Net Weight | | | kg | (276 x 1) + (220 x 1) + (188 x 1) | (276 x 1) + (220 x 1) + (188 x 1) | (276 x 1) + (260 x 1) + (188 x 1) |
| | | | lbs | (639 x 1) + (507 x 1) + (448 x 1) | (639 x 1) + (507 x 1) + (448 x 1) | (639 x 1) + (595 x 1) + (448 x 1) |
| Sound Pressure Level | Cooling | dB(A) | 67.0 | 67.1 | 67.2 | 67.4 |
| | Heating | dB(A) | 68.6 | 68.7 | 68.8 | 69.5 |
| Sound Power Level | Cooling | dB(A) | 89.4 | 89.6 | 90.1 | 90.4 |
| | Heating | dB(A) | 91.3 | 91.5 | 91.8 | 92.0 |
| Communication Cable | | | mm ² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C |
| Refrigerant | Refrigerant name | | R410A | R410A | R410A | R410A |
| | Precharged Amount in factory | kg | 16.0 + 13.0 + 10.0 | 16.0 + 13.0 + 10.0 | 16.0 + 13.0 + 10.0 | 16.0 + 14.0 + 10.0 |
| | | lbs | 35.3 + 28.7 + 22.0 | 35.3 + 28.7 + 22.0 | 35.3 + 28.7 + 22.0 | 35.3 + 30.9 + 22.0 |
| | t-CO ₂ eq | | 81.4 | 81.4 | 81.4 | 83.5 |
| Control | | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | | | ∅, V, Hz | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 |
| Number of maximum connectable indoor units | | | | 64 | 64 | 64 |

- Note
- Due to our policy of innovation some specifications may be changed without notification.
 - Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 - Power factor could vary less than ±1% according to the operating conditions.
 - Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 - Performances are based on the following conditions :
*Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
*Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 - The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 - This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 HEAT PUMP

ARUN580LTE5 / ARUN600LTE5
ARUN620LTE5 / ARUN640LTE5



| HP | | | 58 | 60 | 62 | 64 |
|--|------------------------------------|---|---|---|---|---|
| Model Name | Combination Unit | | ARUN580LTE5 | ARUN600LTE5 | ARUN620LTE5 | ARUN640LTE5 |
| | Independent Unit | | ARUN240LTE5 ARUN200LTE5 ARUN120LTE5 | ARUN240LTE5 ARUN240LTE5 ARUN120LTE5 | ARUN240LTE5 ARUN240LTE5 ARUN140LTE5 | ARUN240LTE5 ARUN240LTE5 ARUN160LTE5 |
| Capacity | Cooling (Rated) | kW | 162.4 | 168.0 | 173.6 | 179.2 |
| | | Btu/h | 554,100 | 573,200 | 592,400 | 611,500 |
| | Heating (Rated) | kW | 181.4 | 186.3 | 192.6 | 198.9 |
| | | Btu/h | 618,900 | 635,800 | 657,300 | 678,800 |
| Input | Cooling (Rated) | kW | 39.51 | 41.42 | 42.63 | 44.31 |
| | Heating (Rated) | kW | 44.45 | 45.75 | 47.47 | 49.28 |
| EER (Rated) | | | 4.11 | 4.06 | 4.07 | 4.04 |
| COP (Rated) | | | 4.08 | 4.07 | 4.06 | 4.04 |
| Power Factor | Rated | - | 0.93 | 0.93 | 0.93 | 0.93 |
| Exterior | Color | | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray |
| | RAL code | | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K |
| Heat Exchanger | | | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus |
| Compressor | Motor Output x Number | W x No. | 5,300 x 5 | 5,300 x 5 | 5,300 x 5 | 5,300 x 5 |
| | Type | | Propeller fan | Propeller fan | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | (900 x 4) + (1,200 x 1) | (900 x 4) + (1,200 x 1) | 900 x 6 | 900 x 6 |
| | Air Flow Rate (High) | m ³ /min ft ³ /min | (320 x 2) + (240 x 1) (11,301 x 2) + (8,476 x 1) | (320 x 2) + (240 x 1) (11,301 x 2) + (8,476 x 1) | 320 x 3 11,301 x 3 | 320 x 3 11,301 x 3 |
| | External Static Pressure (Max, Pa) | | 80 | 80 | 80 | 80 |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER |
| | Discharge | Side / Top | TOP | TOP | TOP | TOP |
| | Pipe Connections | Liquid Pipe | mm (inch) | 19.05 (3/4) | 19.05 (3/4) | 22.2 (7/8) |
| | Gas Pipe | mm (inch) | 41.3 (1-5/8) | 41.3 (1-5/8) | 44.5 (1-3/4) | 44.5 (1-3/4) |
| Dimensions (W x H x D) | | | mm x No. | (1,240 x 1,690 x 760) x 2 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 2 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 3 |
| Net Weight | | | kg | (276 x 1) + (274 x 1) + (188 x 1) | (276 x 2) + (188 x 1) | (276 x 2) + (220 x 1) |
| | | | lbs | (639 x 1) + (635 x 1) + (448 x 1) | (639 x 2) + (448 x 1) | (639 x 2) + (507 x 1) |
| Sound Pressure Level | Cooling | dB(A) | 68.3 | 68.5 | 68.6 | 68.7 |
| | Heating | dB(A) | 69.8 | 70.4 | 70.5 | 70.6 |
| Sound Power Level | Cooling | dB(A) | 90.4 | 91.3 | 91.5 | 91.6 |
| | Heating | dB(A) | 92.4 | 93.2 | 93.5 | 93.6 |
| Communication Cable | | | mm ² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C |
| Refrigerant | Refrigerant name | | R410A | R410A | R410A | R410A |
| | Precharged Amount in factory | kg | 16.0 + 14.0 + 10.0 | 16.0 + 16.0 + 10.0 | 16.0 + 16.0 + 13.0 | 16.0 + 16.0 + 13.0 |
| | | lbs | 35.3 + 30.9 + 22.0 | 35.3 + 35.3 + 22.0 | 35.3 + 35.3 + 28.7 | 35.3 + 35.3 + 28.7 |
| | t-CO ₂ eq | | 83.5 | 87.7 | 93.9 | 93.9 |
| Control | | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | | | ∅, V, Hz | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 |
| Number of maximum connectable indoor units | | | | 64 | 64 | 64 |

- Note
- Due to our policy of innovation some specifications may be changed without notification.
 - Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 - Power factor could vary less than ±1% according to the operating conditions.
 - Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 - Performances are based on the following conditions :
*Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
*Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 - The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 - This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 HEAT PUMP

ARUN660LTE5 / ARUN680LTE5
ARUN700LTE5 / ARUN720LTE5



| HP | | 66 | 68 | 70 | 72 | |
|--|------------------------------------|---|---|---|---|-----------------------------|
| Model Name | Combination Unit | ARUN660LTE5 | ARUN680LTE5 | ARUN700LTE5 | ARUN720LTE5 | |
| | Independent Unit | ARUN240LTE5 ARUN240LTE5 ARUN180LTE5 | ARUN240LTE5 ARUN240LTE5 ARUN200LTE5 | ARUN240LTE5 ARUN240LTE5 ARUN220LTE5 | ARUN240LTE5 ARUN240LTE5 ARUN240LTE5 | |
| Capacity | Cooling (Rated) | kW | 184.8 | 190.4 | 196.0 | 201.6 |
| | | Btu/h | 630,600 | 649,700 | 668,800 | 687,900 |
| | Heating (Rated) | kW | 205.2 | 211.5 | 217.8 | 222.8 |
| | | Btu/h | 700,300 | 721,800 | 743,300 | 760,200 |
| Input | Cooling (Rated) | kW | 44.47 | 45.82 | 48.36 | 50.27 |
| | Heating (Rated) | kW | 49.76 | 53.21 | 55.24 | 56.54 |
| EER (Rated) | | 4.16 | 4.16 | 4.05 | 4.01 | |
| COP (Rated) | | 4.12 | 3.97 | 3.94 | 3.94 | |
| Power Factor | Rated | - | 0.93 | 0.93 | 0.93 | |
| Exterior | Color | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | |
| | RAL code | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | |
| Heat Exchanger | | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus | |
| Compressor | Motor Output x Number | W x No. | (5,300 x 5) + (4,200 x 1) | 5,300 x 6 | 5,300 x 6 | 5,300 x 6 |
| | Type | | Propeller fan | Propeller fan | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | 900 x 6 | 900 x 6 | 900 x 6 | 900 x 6 |
| | Air Flow Rate (High) | m³/min ft³/min | 320 x 3 11,301 x 3 | 320 x 3 11,301 x 3 | 320 x 3 11,301 x 3 | 320 x 3 11,301 x 3 |
| | External Static Pressure (Max, Pa) | | 80 | 80 | 80 | 80 |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER |
| | Discharge | Side / Top | TOP | TOP | TOP | TOP |
| | Pipe Connections | Liquid Pipe Gas Pipe | mm (inch) mm (inch) | 22.2 (7/8) 53.98 (2-1/8) | 22.2 (7/8) 53.98 (2-1/8) | 22.2 (7/8) 53.98 (2-1/8) |
| Dimensions (W x H x D) | mm x No. | (1,240 x 1,690 x 760) x 3 | (1,240 x 1,690 x 760) x 3 | (1,240 x 1,690 x 760) x 3 | (1,240 x 1,690 x 760) x 3 | |
| Net Weight | kg | (276 x 2) + (260 x 1) | (276 x 2) + (274 x 1) | (276 x 2) + (274 x 1) | 276 x 3 | |
| | lbs | (639 x 2) + (595 x 1) | (639 x 2) + (635 x 1) | (639 x 2) + (635 x 1) | 639 x 3 | |
| Sound Pressure Level | Cooling | dB(A) | 68.8 | 69.0 | 69.6 | 69.8 |
| | Heating | dB(A) | 70.6 | 71.1 | 71.3 | 71.8 |
| Sound Power Level | Cooling | dB(A) | 92.0 | 92.2 | 92.2 | 92.8 |
| | Heating | dB(A) | 93.8 | 94.0 | 94.2 | 94.8 |
| Communication Cable | mm² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | |
| Refrigerant | Refrigerant name | | R410A | R410A | R410A | R410A |
| | Precharged Amount in factory | kg | 16.0 + 16.0 + 13.0 | 16.0 + 16.0 + 14.0 | 16.0 + 16.0 + 14.0 | 16.0 + 16.0 + 16.0 |
| | | lbs | 35.3 + 35.3 + 28.7 | 35.3 + 35.3 + 30.9 | 35.3 + 35.3 + 30.9 | 35.3 + 35.3 + 35.3 |
| | t-CO ₂ eq | | 93.9 | 96.0 | 96.0 | 100.2 |
| Control | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | |
| Power Supply | ∅, V, Hz | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | |
| | | 3, 380, 60 | 3, 380, 60 | 3, 380, 60 | 3, 380, 60 | |
| Number of maximum connectable indoor units | | 64 | 64 | 64 | 64 | |

- Note
- Due to our policy of innovation some specifications may be changed without notification.
 - Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 - Power factor could vary less than ±1% according to the operating conditions.
 - Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 - Performances are based on the following conditions :
*Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
*Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 - The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 - This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 HEAT PUMP

ARUN740LTE5 / ARUN760LTE5
ARUN780LTE5 / ARUN800LTE5



| HP | | 74 | 76 | 78 | 80 | |
|--|------------------------------------|--|--|--|--|---|
| Model Name | Combination Unit | ARUN740LTE5 | ARUN760LTE5 | ARUN780LTE5 | ARUN800LTE5 | |
| | Independent Unit | ARUN240LTE5 ARUN240LTE5 ARUN140LTE5 ARUN120LTE5 | ARUN240LTE5 ARUN240LTE5 ARUN160LTE5 ARUN120LTE5 | ARUN240LTE5 ARUN240LTE5 ARUN180LTE5 ARUN120LTE5 | ARUN240LTE5 ARUN240LTE5 ARUN200LTE5 ARUN120LTE5 | |
| Capacity | Cooling (Rated) | kW | 207.2 | 212.8 | 218.4 | 224.0 |
| | | Btu/h | 707,000 | 726,100 | 745,200 | 764,300 |
| | Heating (Rated) | kW | 230.4 | 236.7 | 243.0 | 249.3 |
| | | Btu/h | 786,300 | 807,800 | 829,300 | 850,800 |
| Input | Cooling (Rated) | kW | 50.54 | 52.22 | 52.38 | 53.73 |
| | Heating (Rated) | kW | 55.53 | 57.34 | 57.82 | 61.27 |
| EER (Rated) | | 4.10 | 4.08 | 4.17 | 4.17 | |
| COP (Rated) | | 4.15 | 4.13 | 4.20 | 4.07 | |
| Power Factor | Rated | - | 0.93 | 0.93 | 0.93 | |
| Exterior | Color | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | |
| | RAL code | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | |
| Heat Exchanger | | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus | |
| Compressor | Motor Output x Number | W x No. | 5,300 x 6 | 5,300 x 6 | (5,300 x 6) + (4,200 x 1) | 5,300 x 7 |
| | Type | | Propeller fan | Propeller fan | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | (900 x 6) + (1,200 x 1) | (900 x 6) + (1,200 x 1) | (900 x 6) + (1,200 x 1) | (900 x 6) + (1,200 x 1) |
| | Air Flow Rate (High) | m³/min ft³/min | (320 x 3) + (240 x 1) (11,301 x 3) + (8,476 x 1) | (320 x 3) + (240 x 1) (11,301 x 3) + (8,476 x 1) | (320 x 3) + (240 x 1) (11,301 x 3) + (8,476 x 1) | (320 x 3) + (240 x 1) (11,301 x 3) + (8,476 x 1) |
| | External Static Pressure (Max, Pa) | | 80 | 80 | 80 | 80 |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER |
| | Discharge | Side / Top | TOP | TOP | TOP | TOP |
| | Pipe Connections | Liquid Pipe Gas Pipe | mm (inch) mm (inch) | 22.2 (7/8) 53.98 (2-1/8) | 22.2 (7/8) 53.98 (2-1/8) | 22.2 (7/8) 53.98 (2-1/8) |
| Dimensions (W x H x D) | mm x No. | (1,240 x 1,690 x 760) x 3 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 3 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 3 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 3 + (930 x 1,690 x 760) x 1 | |
| Net Weight | kg | (276 x 2) + (220 x 1) + (188 x 1) | (276 x 2) + (220 x 1) + (188 x 1) | (276 x 2) + (260 x 1) + (188 x 1) | (276 x 2) + (274 x 1) + (188 x 1) | |
| | lbs | (639 x 2) + (507 x 1) + (448 x 1) | (639 x 2) + (507 x 1) + (448 x 1) | (639 x 2) + (595 x 1) + (448 x 1) | (639 x 2) + (635 x 1) + (448 x 1) | |
| Sound Pressure Level | Cooling | dB(A) | 69.1 | 69.2 | 69.2 | 69.4 |
| | Heating | dB(A) | 70.9 | 70.9 | 71.0 | 71.4 |
| Sound Power Level | Cooling | dB(A) | 91.8 | 91.9 | 92.2 | 92.4 |
| | Heating | dB(A) | 93.7 | 93.8 | 94.0 | 94.2 |
| Communication Cable | mm² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | |
| Refrigerant | Refrigerant name | | R410A | R410A | R410A | R410A |
| | Precharged Amount in factory | kg | 16.0 + 16.0 + 13.0 + 10.0 | 16.0 + 16.0 + 13.0 + 10.0 | 16.0 + 16.0 + 13.0 + 10.0 | 16.0 + 16.0 + 14.0 + 10.0 |
| | | lbs | 35.3 + 35.3 + 28.7 + 22.0 | 35.3 + 35.3 + 28.7 + 22.0 | 35.3 + 35.3 + 28.7 + 22.0 | 35.3 + 35.3 + 30.9 + 22.0 |
| | t-CO ₂ eq | | 114.8 | 114.8 | 114.8 | 116.9 |
| Control | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | |
| Power Supply | ∅, V, Hz | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | |
| | | 3, 380, 60 | 3, 380, 60 | 3, 380, 60 | 3, 380, 60 | |
| Number of maximum connectable indoor units | | 64 | 64 | 64 | 64 | |

- Note
- Due to our policy of innovation some specifications may be changed without notification.
 - Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 - Power factor could vary less than ±1% according to the operating conditions.
 - Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 - Performances are based on the following conditions :
*Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
*Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 - The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 - This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 HEAT PUMP

ARUN820LTE5 / ARUN840LTE5
ARUN860LTE5 / ARUN880LTE5



| HP | | 82 | 84 | 86 | 88 | |
|--|------------------------------------|--|--|--|--|---------------------------|
| Model Name | Combination Unit | ARUN820LTE5 | ARUN840LTE5 | ARUN860LTE5 | ARUN880LTE5 | |
| | Independent Unit | ARUN240LTE5 ARUN240LTE5 ARUN220LTE5 ARUN120LTE5 | ARUN240LTE5 ARUN240LTE5 ARUN240LTE5 ARUN120LTE5 | ARUN240LTE5 ARUN240LTE5 ARUN240LTE5 ARUN140LTE5 | ARUN240LTE5 ARUN240LTE5 ARUN240LTE5 ARUN160LTE5 | |
| Capacity | Cooling (Rated) | kW 229.6 Btu/h 783,400 | 235.2 802,500 | 240.8 821,700 | 246.4 840,800 | |
| | Heating (Rated) | kW 255.6 Btu/h 872,300 | 260.6 889,200 | 266.9 910,700 | 273.2 932,200 | |
| Input | Cooling (Rated) | kW 56.27 | 58.18 | 59.39 | 61.07 | |
| | Heating (Rated) | kW 63.30 | 64.60 | 66.32 | 68.13 | |
| EER (Rated) | | 4.08 | 4.04 | 4.05 | 4.03 | |
| COP (Rated) | | 4.04 | 4.03 | 4.02 | 4.01 | |
| Power Factor | Rated | - | 0.93 | 0.93 | 0.93 | |
| Exterior | Color | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | |
| | RAL code | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | |
| Heat Exchanger | | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus | |
| Compressor | Motor Output x Number | W x No. 5,300 x 7 | 5,300 x 7 | 5,300 x 7 | 5,300 x 7 | |
| | Type | Propeller fan | Propeller fan | Propeller fan | Propeller fan | |
| Fan | Motor Output x Number | W (900 x 6) + (1,200 x 1) | (900 x 6) + (1,200 x 1) | 900 x 8 | 900 x 8 | |
| | Air Flow Rate (High) | m³/min ft³/min (320 x 3) + (240 x 1) (11,301 x 3) + (8,476 x 1) | (320 x 3) + (240 x 1) (11,301 x 3) + (8,476 x 1) | 320 x 4 | 320 x 4 | |
| | External Static Pressure (Max, Pa) | 80 | 80 | 80 | 80 | |
| | Drive | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER | |
| Pipe Connections | Liquid Pipe | mm (inch) 22.2 (7/8) | 22.2 (7/8) | 22.2 (7/8) | 22.2 (7/8) | |
| | Gas Pipe | mm (inch) 53.98 (2-1/8) | 53.98 (2-1/8) | 53.98 (2-1/8) | 53.98 (2-1/8) | |
| Dimensions (W x H x D) | mm x No. | (1,240 x 1,690 x 760) x 3 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 3 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 4 | (1,240 x 1,690 x 760) x 4 | |
| Net Weight | kg | (276 x 2) + (274 x 1) + (188 x 1) | (276 x 3) + (188 x 1) | (276 x 3) + (188 x 1) | (276 x 3) + (220 x 1) | |
| | lbs | (639 x 2) + (635 x 1) + (448 x 1) | (639 x 3) + (448 x 1) | (639 x 3) + (507 x 1) | (639 x 3) + (507 x 1) | |
| Sound Pressure Level | Cooling | dB(A) 70.0 | 70.1 | 70.2 | 70.3 | |
| | Heating | dB(A) 71.6 | 72.1 | 72.1 | 72.2 | |
| Sound Power Level | Cooling | dB(A) 92.4 | 92.9 | 93.1 | 93.2 | |
| | Heating | dB(A) 94.4 | 94.9 | 95.1 | 95.2 | |
| Communication Cable | mm² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | |
| Refrigerant | Refrigerant name | R410A | R410A | R410A | R410A | |
| | Precharged Amount in factory | kg | 16.0 + 16.0 + 14.0 + 10.0 | 16.0 + 16.0 + 16.0 + 10.0 | 16.0 + 16.0 + 16.0 + 13.0 | 16.0 + 16.0 + 16.0 + 13.0 |
| | | lbs | 35.3 + 35.3 + 30.9 + 22.0 | 35.3 + 35.3 + 35.3 + 22.0 | 35.3 + 35.3 + 35.3 + 28.7 | 35.3 + 35.3 + 35.3 + 28.7 |
| | t-CO ₂ eq | 116.9 | 121.1 | 127.3 | 127.3 | |
| Control | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | |
| Power Supply | ∅, V, Hz | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | |
| | | 3, 380, 60 | 3, 380, 60 | 3, 380, 60 | 3, 380, 60 | |
| Number of maximum connectable indoor units | | 64 | 64 | 64 | 64 | |

- Note
- Due to our policy of innovation some specifications may be changed without notification.
 - Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 - Power factor could vary less than ±1% according to the operating conditions.
 - Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 - Performances are based on the following conditions :
*Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
*Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 - The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 - This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 HEAT PUMP

ARUN900LTE5 / ARUN920LTE5
ARUN940LTE5 / ARUN960LTE5



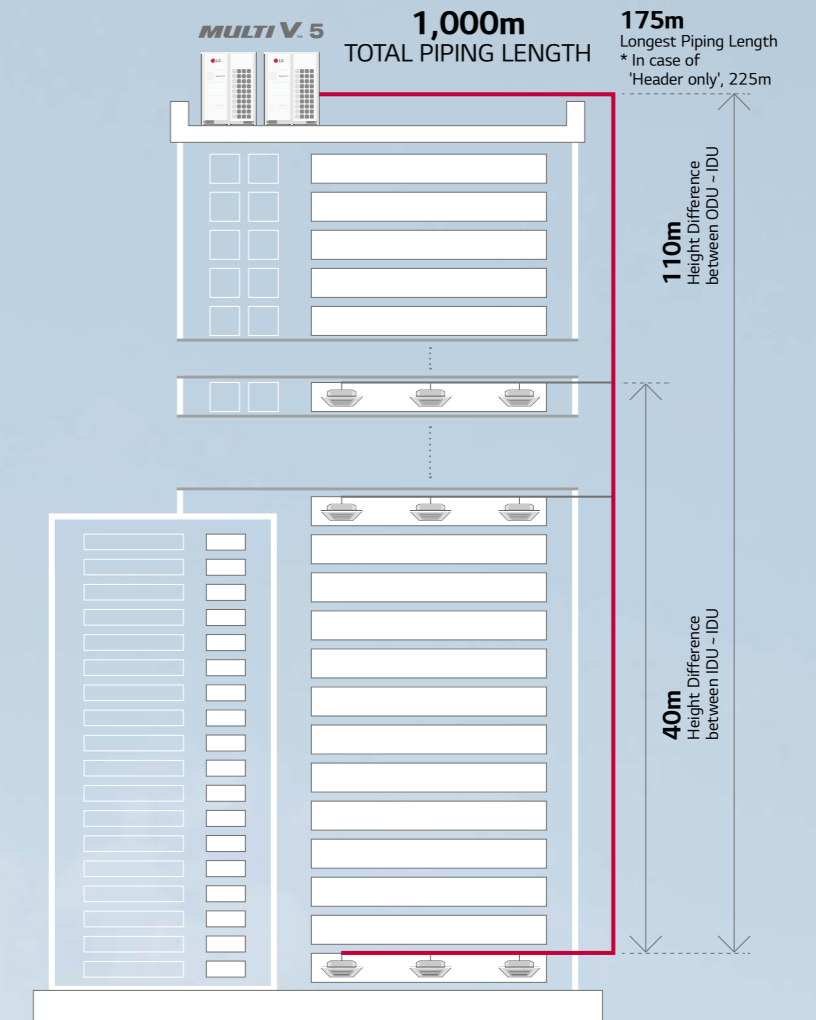
| HP | | 90 | 92 | 94 | 96 | |
|--|------------------------------------|--|--|--|--|---------------------------|
| Model Name | Combination Unit | ARUN900LTE5 | ARUN920LTE5 | ARUN940LTE5 | ARUN960LTE5 | |
| | Independent Unit | ARUN240LTE5 ARUN240LTE5 ARUN240LTE5 ARUN180LTE5 | ARUN240LTE5 ARUN240LTE5 ARUN240LTE5 ARUN200LTE5 | ARUN240LTE5 ARUN240LTE5 ARUN240LTE5 ARUN240LTE5 | ARUN240LTE5 ARUN240LTE5 ARUN240LTE5 ARUN240LTE5 | |
| Capacity | Cooling (Rated) | kW 252.0 Btu/h 859,900 | 257.6 879,000 | 263.2 898,100 | 268.8 917,200 | |
| | Heating (Rated) | kW 279.5 Btu/h 953,700 | 285.8 975,200 | 292.1 996,700 | 297.0 1,013,600 | |
| Input | Cooling (Rated) | kW 61.23 | 62.58 | 65.12 | 67.03 | |
| | Heating (Rated) | kW 68.60 | 72.06 | 74.08 | 75.39 | |
| EER (Rated) | | 4.12 | 4.12 | 4.04 | 4.01 | |
| COP (Rated) | | 4.07 | 3.97 | 3.94 | 3.94 | |
| Power Factor | Rated | - | 0.93 | 0.93 | 0.93 | |
| Exterior | Color | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | |
| | RAL code | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | |
| Heat Exchanger | | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus | |
| Compressor | Motor Output x Number | W x No. (5,300 x 7) + (4,200 x 1) | 5,300 x 8 | 5,300 x 8 | 5,300 x 8 | |
| | Type | Propeller fan | Propeller fan | Propeller fan | Propeller fan | |
| Fan | Motor Output x Number | W 900 x 8 | 900 x 8 | 900 x 8 | 900 x 8 | |
| | Air Flow Rate (High) | m³/min ft³/min 320 x 4 11,301 x 4 | 320 x 4 11,301 x 4 | 320 x 4 11,301 x 4 | 320 x 4 11,301 x 4 | |
| | External Static Pressure (Max, Pa) | 80 | 80 | 80 | 80 | |
| | Drive | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER | |
| Pipe Connections | Liquid Pipe | mm (inch) 22.2 (7/8) | 22.2 (7/8) | 22.2 (7/8) | 22.2 (7/8) | |
| | Gas Pipe | mm (inch) 53.98 (2-1/8) | 53.98 (2-1/8) | 53.98 (2-1/8) | 53.98 (2-1/8) | |
| Dimensions (W x H x D) | mm x No. | (1,240 x 1,690 x 760) x 4 | (1,240 x 1,690 x 760) x 4 | (1,240 x 1,690 x 760) x 4 | (1,240 x 1,690 x 760) x 4 | |
| Net Weight | kg | (276 x 3) + (260 x 1) | (276 x 3) + (274 x 1) | (276 x 3) + (274 x 1) | (276 x 4) | |
| | lbs | (639 x 3) + (595 x 1) | (639 x 3) + (635 x 1) | (639 x 3) + (635 x 1) | 639 x 4 | |
| Sound Pressure Level | Cooling | dB(A) 70.3 | 70.4 | 70.9 | 71.0 | |
| | Heating | dB(A) 72.2 | 72.5 | 72.7 | 73.0 | |
| Sound Power Level | Cooling | dB(A) 93.4 | 93.6 | 93.6 | 94.0 | |
| | Heating | dB(A) 95.3 | 95.4 | 95.6 | 96.0 | |
| Communication Cable | mm² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | |
| Refrigerant | Refrigerant name | R410A | R410A | R410A | R410A | |
| | Precharged Amount in factory | kg | 16.0 + 16.0 + 16.0 + 13.0 | 16.0 + 16.0 + 16.0 + 14.0 | 16.0 + 16.0 + 16.0 + 14.0 | 16.0 + 16.0 + 16.0 + 16.0 |
| | | lbs | 35.3 + 35.3 + 35.3 + 28.7 | 35.3 + 35.3 + 35.3 + 30.9 | 35.3 + 35.3 + 35.3 + 30.9 | 35.3 + 35.3 + 35.3 + 35.3 |
| | t-CO ₂ eq | 127.3 | 129.4 | 129.4 | 133.6 | |
| Control | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | |
| Power Supply | ∅, V, Hz | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | |
| | | 3, 380, 60 | 3, 380, 60 | 3, 380, 60 | 3, 380, 60 | |
| Number of maximum connectable indoor units | | 64 | 64 | 64 | 64 | |

- Note
- Due to our policy of innovation some specifications may be changed without notification.
 - Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 - Power factor could vary less than ±1% according to the operating conditions.
 - Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 - Performances are based on the following conditions :
*Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
*Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 - The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 - This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V™ 5 PRO

- Air cooled VRF Heat Pump
- 22.4kW ~ 291.2kW (Cooling capacity based)
- 3Ø, 380 ~ 415V, 50Hz
- Top discharge outdoor unit

1,000M
TOTAL PIPING LENGTH



OUTDOOR
UNITS

MULTI V 5 PRO

Design
For
The Ultimate



Energy savings



Reliability



Low noise



Advanced performance

How does it work?

Dual Sensing



MULTI V 5 PRO

ARUN080LLS5 / ARUN100LLS5
ARUN120LLS5 / ARUN140LLS5



| HP | | | 8 | 10 | 12 | 14 |
|---|---------------------------------|----------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Model Name | Combination Unit | | ARUN080LLS5 | ARUN100LLS5 | ARUN120LLS5 | ARUN140LLS5 |
| | Independent Unit | | ARUN080LLS5 | ARUN100LLS5 | ARUN120LLS5 | ARUN140LLS5 |
| Capacity | Cooling (Rated) | kW | 22.4 | 28.0 | 33.6 | 39.2 |
| | | Btu/h | 76,400 | 95,500 | 114,600 | 133,800 |
| | Heating (Rated) | kW | 22.4 | 28.0 | 33.6 | 39.2 |
| | | Btu/h | 76,400 | 95,500 | 114,600 | 133,800 |
| Input (Rated) | Cooling | kW | 5.10 | 6.80 | 8.90 | 10.60 |
| | Heating | kW | 5.03 | 7.07 | 9.10 | 11.60 |
| EER (Rated) | | | 4.39 | 4.12 | 3.78 | 3.70 |
| COP (Rated) | | | 4.45 | 3.96 | 3.69 | 3.38 |
| Power Factor | Rated | - | 0.93 | 0.93 | 0.93 | 0.93 |
| Exterior | Casing Color | | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray |
| | RAL code | | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K |
| Heat Exchanger | | | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus |
| Compressor | Motor Output x Number | W x No. | 4,200 | 4,200 | 5,300 | 5,300 |
| | Type | | Propeller fan | Propeller fan | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | 1,200 | 1,200 | 1,200 | 1,200 |
| | Air Flow Rate (High) | m ³ /min | 240 | 240 | 240 | 240 |
| | | ft ³ /min | 8,476 | 8,476 | 8,476 | 8,476 |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER |
| Discharge | | Side / Top | TOP | TOP | TOP | |
| Pipe Connections For Heat Pump | Liquid Pipe | mm (inch) | 9.52 (3/8) | 9.52 (3/8) | 12.7 (1/2) | 12.7 (1/2) |
| | Gas Pipe | mm (inch) | 19.05 (3/4) | 22.2 (7/8) | 28.58 (1-1/8) | 28.58 (1-1/8) |
| Dimensions (W x H x D) | mm x No. | | (930 x 1,690 x 760) x 1 | (930 x 1,690 x 760) x 1 | (930 x 1,690 x 760) x 1 | (930 x 1,690 x 760) x 1 |
| Net Weight | kg | | 167 | 167 | 172 | 184 |
| Sound Pressure Level | Cooling | dB(A) | 58.0 | 58.0 | 59.0 | 60.0 |
| | Heating | dB(A) | 59.0 | 59.0 | 60.0 | 61.0 |
| Sound Power Level | Cooling | dB(A) | 78.0 | 78.0 | 79.0 | 82.0 |
| | Heating | dB(A) | 79.0 | 79.0 | 80.0 | 83.0 |
| Communication Cable | mm ² x No. (VCTF-SB) | | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C |
| Refrigerant | Refrigerant Name | | R410A | R410A | R410A | R410A |
| | Precharged Amount in Factory | kg | 4.7 | 4.7 | 4.7 | 7.5 |
| | GWP | | 2,087.5 | 2,087.5 | 2,087.5 | 2,087.5 |
| | t-CO ₂ eq | | 9.8 | 9.8 | 9.8 | 15.7 |
| | Control | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | Ø, V, Hz | | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 |
| Number of Maximum Connectable Indoor Units | | | 13 (20) | 16 (25) | 20 (30) | 23 (35) |

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 2. Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 3. Power factor could vary less than ±1% according to the operating conditions.
 4. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 5. Performances are based on the following conditions - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 7. This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 PRO

ARUN160LLS5 / ARUN180LLS5
ARUN200LLS5



| HP | | | 16 | 18 | 20 |
|---|---------------------------------|----------------------|----------------------------|----------------------------|----------------------------|
| Model Name | Combination Unit | | ARUN160LLS5 | ARUN180LLS5 | ARUN200LLS5 |
| | Independent Unit | | ARUN160LLS5 | ARUN180LLS5 | ARUN200LLS5 |
| Capacity | Cooling (Rated) | kW | 44.8 | 50.4 | 56.0 |
| | | Btu/h | 152,900 | 172,000 | 191,100 |
| | Heating (Rated) | kW | 44.8 | 50.4 | 56.0 |
| | | Btu/h | 152,900 | 172,000 | 191,100 |
| Input (Rated) | Cooling | kW | 11.90 | 12.30 | 14.10 |
| | Heating | kW | 12.10 | 12.10 | 14.50 |
| EER (Rated) | | | 3.76 | 4.10 | 3.97 |
| COP (Rated) | | | 3.70 | 4.17 | 3.86 |
| Power Factor | Rated | - | 0.93 | 0.93 | 0.93 |
| Exterior | Casing Color | | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray |
| | RAL code | | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K |
| Heat Exchanger | | | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus |
| Compressor | Motor Output x Number | W x No. | 5,300 | 7,500 | 7,500 |
| | Type | | Propeller fan | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | 900 x 2 | 900 x 2 | 900 x 2 |
| | Air Flow Rate (High) | m ³ /min | 320 | 320 | 320 |
| | | ft ³ /min | 11,301 | 11,301 | 11,301 |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER |
| Discharge | | Side / Top | TOP | TOP | |
| Pipe Connections For Heat Pump | Liquid Pipe | mm (inch) | 12.7 (1/2) | 15.88 (5/8) | 15.88 (5/8) |
| | Gas Pipe | mm (inch) | 28.58 (1-1/8) | 28.58 (1-1/8) | 28.58 (1-1/8) |
| Dimensions (W x H x D) | mm x No. | | (1,240 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 |
| Net Weight | kg | | 205 | 230 | 230 |
| Sound Pressure Level | Cooling | dB(A) | 60.5 | 62.0 | 63.0 |
| | Heating | dB(A) | 61.5 | 64.5 | 66.0 |
| Sound Power Level | Cooling | dB(A) | 83.0 | 85.0 | 86.0 |
| | Heating | dB(A) | 85.0 | 86.0 | 89.0 |
| Communication Cable | mm ² x No. (VCTF-SB) | | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C |
| Refrigerant | Refrigerant Name | | R410A | R410A | R410A |
| | Precharged Amount in Factory | kg | 6.5 | 7.5 | 7.5 |
| | GWP | | 2,087.5 | 2,087.5 | 2,087.5 |
| | t-CO ₂ eq | | 13.6 | 15.7 | 15.7 |
| | Control | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | Ø, V, Hz | | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 |
| Number of Maximum Connectable Indoor Units | | | 26 (40) | 29 (45) | 32 (50) |

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 2. Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 3. Power factor could vary less than ±1% according to the operating conditions.
 4. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 5. Performances are based on the following conditions - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 7. This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 PRO

ARUN220LLS5 / ARUN240LLS5
ARUN260LLS5



| HP | | | 22 | 24 | 26 |
|---|---------------------------------|----------------------|----------------------------|---------------------------|---------------------------|
| Model Name | Combination Unit | | ARUN220LLS5 | ARUN240LLS5 | ARUN260LLS5 |
| | Independent Unit | | ARUN220LLS5 | ARUN240LLS5 | ARUN260LLS5 |
| Capacity | Cooling (Rated) | kW | 61.6 | 67.2 | 72.8 |
| | | Btu/h | 210,200 | 229,300 | 248,400 |
| | Heating (Rated) | kW | 61.6 | 67.2 | 72.8 |
| | | Btu/h | 210,200 | 229,300 | 248,400 |
| Input (Rated) | Cooling | kW | 16.80 | 18.20 | 20.80 |
| | Heating | kW | 17.80 | 17.90 | 20.50 |
| EER (Rated) | | | 3.67 | 3.69 | 3.50 |
| COP (Rated) | | | 3.46 | 3.75 | 3.55 |
| Power Factor | Rated | - | 0.93 | 0.93 | 0.93 |
| Exterior | Casing Color | | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray |
| | RAL code | | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K |
| Heat Exchanger | | | Wide Louver Plus | | |
| Compressor | Motor Output x Number | W x No. | 7,500 | 5,300 x 2 | 5,300 x 2 |
| | Type | | Propeller fan | | |
| Fan | Motor Output x Number | W | 900 x 2 | 900 x 2 | 900 x 2 |
| | Air Flow Rate (High) | m ³ /min | 320 | 320 | 320 |
| | | ft ³ /min | 11,301 | 11,301 | 11,301 |
| | Drive | | DC INVERTER | | |
| Pipe Connections For Heat Pump | Liquid Pipe | mm (inch) | 15.88 (5/8) | 15.88 (5/8) | 19.05 (3/4) |
| | Gas Pipe | mm (inch) | 28.58 (1-1/8) | 34.9 (1-3/8) | 34.9 (1-3/8) |
| Dimensions (W x H x D) | mm x No. | | (1,240 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 |
| Net Weight | kg | | 230 | 268 | 268 |
| Sound Pressure Level | Cooling | dB(A) | 64.0 | 65.0 | 65.0 |
| | Heating | dB(A) | 67.0 | 67.0 | 67.0 |
| Sound Power Level | Cooling | dB(A) | 87.0 | 88.0 | 88.0 |
| | Heating | dB(A) | 90.0 | 90.0 | 90.0 |
| Communication Cable | mm ² x No. (VCTF-SB) | | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C |
| Refrigerant | Refrigerant Name | | R410A | R410A | R410A |
| | Precharged Amount in Factory | kg | 7.5 | 11 | 11 |
| | GWP | | 2,087.5 | 2,087.5 | 2,087.5 |
| | t-CO ₂ eq | | 15.7 | 23.0 | 23.0 |
| | Control | | Electronic Expansion Valve | | |
| Power Supply | Ø, V, Hz | | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 |
| Number of Maximum Connectable Indoor Units | | | 35 (56) | 39 (61) | 42 (64) |

1. Due to our policy of innovation some specifications may be changed without notification.
 2. Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 3. Power factor could vary less than ±1% according to the operating conditions.
 4. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 5. Performances are based on the following conditions - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 7. This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 PRO

ARUN280LLS5 / ARUN300LLS5
ARUN320LLS5



| HP | | | 28 | 30 | 32 |
|---|---------------------------------|----------------------|---|---|---|
| Model Name | Combination Unit | | ARUN280LLS5 | ARUN300LLS5 | ARUN320LLS5 |
| | Independent Unit | | ARUN160LLS5 ARUN120LLS5 | ARUN180LLS5 ARUN120LLS5 | ARUN200LLS5 ARUN120LLS5 |
| Capacity | Cooling (Rated) | kW | 78.4 | 84.0 | 89.6 |
| | | Btu/h | 267,500 | 286,600 | 305,700 |
| | Heating (Rated) | kW | 78.4 | 84.0 | 89.6 |
| | | Btu/h | 267,500 | 286,600 | 305,700 |
| Input (Rated) | Cooling | kW | 20.8 | 21.2 | 23.0 |
| | Heating | kW | 21.2 | 21.2 | 23.6 |
| EER (Rated) | | | 3.77 | 3.96 | 3.90 |
| COP (Rated) | | | 3.70 | 3.96 | 3.80 |
| Power Factor | Rated | - | 0.93 | 0.93 | 0.93 |
| Exterior | Casing Color | | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray |
| | RAL code | | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K |
| Heat Exchanger | | | Wide Louver Plus | | |
| Compressor | Motor Output x Number | W x No. | 5,300 x 2 | (7,500 x 1) + (5,300 x 1) | (7,500 x 1) + (5,300 x 1) |
| | Type | | Propeller fan | | |
| Fan | Motor Output x Number | W | (900 x 2) + (1,200 x 1) | (900 x 2) + (1,200 x 1) | (900 x 2) + (1,200 x 1) |
| | Air Flow Rate (High) | m ³ /min | (320 x 1) + (240 x 1) | (320 x 1) + (240 x 1) | (320 x 1) + (240 x 1) |
| | | ft ³ /min | (11,301 x 1) + (8,476 x 1) | (11,301 x 1) + (8,476 x 1) | (11,301 x 1) + (8,476 x 1) |
| | Drive | | DC INVERTER | | |
| Pipe Connections For Heat Pump | Liquid Pipe | mm (inch) | 19.05 (3/4) | 19.05 (3/4) | 19.05 (3/4) |
| | Gas Pipe | mm (inch) | 34.9 (1-3/8) | 34.9 (1-3/8) | 34.9 (1-3/8) |
| Dimensions (W x H x D) | mm x No. | | (1,240 x 1,690 x 760) x 1 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 + (930 x 1,690 x 760) x 1 |
| Net Weight | kg | | (205) + (172) | (230) + (172) | (230) + (172) |
| Sound Pressure Level | Cooling | dB(A) | 62.8 | 63.8 | 64.5 |
| | Heating | dB(A) | 63.8 | 65.8 | 67.0 |
| Sound Power Level | Cooling | dB(A) | 84.5 | 86.0 | 86.8 |
| | Heating | dB(A) | 86.2 | 87.0 | 89.5 |
| Communication Cable | mm ² x No. (VCTF-SB) | | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C |
| Refrigerant | Refrigerant Name | | R410A | R410A | R410A |
| | Precharged Amount in Factory | kg | 11.2 | 12.2 | 12.2 |
| | GWP | | 2,087.5 | 2,087.5 | 2,087.5 |
| | t-CO ₂ eq | | 23.4 | 25.5 | 25.5 |
| | Control | | Electronic Expansion Valve | | |
| Power Supply | Ø, V, Hz | | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 |
| Number of Maximum Connectable Indoor Units | | | 45 (56) | 49 (60) | 52 (64) |

1. Due to our policy of innovation some specifications may be changed without notification.
 2. Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 3. Power factor could vary less than ±1% according to the operating conditions.
 4. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 5. Performances are based on the following conditions - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 7. This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 PRO

ARUN340LLS5 / ARUN360LLS5
ARUN380LLS5



| HP | | 34 | 36 | 38 | |
|---|---------------------------------|---|---|---|----------------------------|
| Model Name | Combination Unit | ARUN340LLS5 | ARUN360LLS5 | ARUN380LLS5 | |
| | Independent Unit | ARUN220LLS5 ARUN120LLS5 | ARUN240LLS5 ARUN120LLS5 | ARUN260LLS5 ARUN120LLS5 | |
| Capacity | Cooling (Rated) | kW | 95.2 | 100.8 | 106.4 |
| | | Btu/h | 324,800 | 343,900 | 363,000 |
| | Heating (Rated) | kW | 95.2 | 100.8 | 106.4 |
| | | Btu/h | 324,800 | 343,900 | 363,000 |
| Input (Rated) | Cooling | kW | 25.7 | 27.1 | 29.7 |
| | Heating | kW | 26.9 | 27.0 | 29.6 |
| EER (Rated) | | 3.70 | 3.72 | 3.58 | |
| COP (Rated) | | 3.54 | 3.73 | 3.59 | |
| Power Factor | Rated | - | 0.93 | 0.93 | |
| Exterior | Casing Color | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | |
| | RAL code | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | |
| Heat Exchanger | | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus | |
| Compressor | Motor Output x Number | W x No. | (7,500 x 1) + (5,300 x 1) | (7,500 x 1) + (5,300 x 1) | 5,300 x 3 |
| | Type | | Propeller fan | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | (900 x 2) + (1,200 x 1) | (900 x 2) + (1,200 x 1) | (900 x 2) + (1,200 x 1) |
| | Air Flow Rate (High) | m ³ /min | (320 x 1) + (240 x 1) | (320 x 1) + (240 x 1) | (320 x 1) + (240 x 1) |
| | | ft ³ /min | (11,301 x 1) + (8,476 x 1) | (11,301 x 1) + (8,476 x 1) | (11,301 x 1) + (8,476 x 1) |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER |
| Discharge | Side / Top | TOP | TOP | TOP | |
| Pipe Connections For Heat Pump | Liquid Pipe | mm (inch) | 19.05 (3/4) | 19.05 (3/4) | 19.05 (3/4) |
| | Gas Pipe | mm (inch) | 34.9 (1-3/8) | 41.3 (1-5/8) | 41.3 (1-5/8) |
| Dimensions (W x H x D) | mm x No. | (1,240 x 1,690 x 760) x 1 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 + (930 x 1,690 x 760) x 1 | |
| Net Weight | kg | (230) + (172) | (268) + (172) | (268) + (172) | |
| Sound Pressure Level | Cooling | dB(A) | 65.2 | 66.0 | 66.0 |
| | Heating | dB(A) | 67.8 | 67.8 | 67.8 |
| Sound Power Level | Cooling | dB(A) | 87.6 | 88.5 | 88.5 |
| | Heating | dB(A) | 90.4 | 90.4 | 90.4 |
| Communication Cable | mm ² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | |
| Refrigerant | Refrigerant Name | | R410A | R410A | R410A |
| | Precharged Amount in Factory | kg | 12.2 | 15.7 | 15.7 |
| | GWP | | 2,087.5 | 2,087.5 | 2,087.5 |
| | t-CO ₂ eq | | 25.5 | 32.8 | 32.8 |
| | Control | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | ∅, V, Hz | | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 |
| | | | 3, 380, 60 | 3, 380, 60 | 3, 380, 60 |
| Number of Maximum Connectable Indoor Units | | 55 (64) | 58 (64) | 61 (64) | |

1. Due to our policy of innovation some specifications may be changed without notification.
 2. Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 3. Power factor could vary less than ±1% according to the operating conditions.
 4. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 5. Performances are based on the following conditions - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 7. This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 PRO

ARUN400LLS5 / ARUN420LLS5
ARUN440LLS5



| HP | | 40 | 42 | 44 | |
|---|---------------------------------|---|----------------------------|----------------------------|----------------------------|
| Model Name | Combination Unit | ARUN400LLS5 | ARUN420LLS5 | ARUN440LLS5 | |
| | Independent Unit | ARUN260LLS5 ARUN140LLS5 | ARUN260LLS5 ARUN160LLS5 | ARUN260LLS5 ARUN180LLS5 | |
| Capacity | Cooling (Rated) | kW | 112.0 | 117.6 | 123.2 |
| | | Btu/h | 382,200 | 401,300 | 420,400 |
| | Heating (Rated) | kW | 112.0 | 117.6 | 123.2 |
| | | Btu/h | 382,200 | 401,300 | 420,400 |
| Input (Rated) | Cooling | kW | 31.4 | 32.7 | 33.1 |
| | Heating | kW | 32.1 | 32.6 | 32.6 |
| EER (Rated) | | 3.57 | 3.60 | 3.72 | |
| COP (Rated) | | 3.49 | 3.61 | 3.78 | |
| Power Factor | Rated | - | 0.93 | 0.93 | |
| Exterior | Casing Color | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | |
| | RAL code | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | |
| Heat Exchanger | | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus | |
| Compressor | Motor Output x Number | W x No. | 5,300 x 3 | 5,300 x 3 | (5,300 x 2) + (7,500 x 1) |
| | Type | | Propeller fan | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | (900 x 2) + (1,200 x 1) | 900 x 4 | 900 x 4 |
| | Air Flow Rate (High) | m ³ /min | (320 x 1) + (240 x 1) | 320 x 2 | 320 x 2 |
| | | ft ³ /min | (11,301 x 1) + (8,476 x 1) | 11,301 x 2 | 11,301 x 2 |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER |
| Discharge | Side / Top | TOP | TOP | TOP | |
| Pipe Connections For Heat Pump | Liquid Pipe | mm (inch) | 19.05 (3/4) | 19.05 (3/4) | 19.05 (3/4) |
| | Gas Pipe | mm (inch) | 41.3 (1-5/8) | 41.3 (1-5/8) | 41.3 (1-5/8) |
| Dimensions (W x H x D) | mm x No. | (1,240 x 1,690 x 760) x 1 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 2 | (1,240 x 1,690 x 760) x 2 | |
| Net Weight | kg | (268) + (184) | (268) + (205) | (268) + (230) | |
| Sound Pressure Level | Cooling | dB(A) | 66.2 | 66.3 | 66.8 |
| | Heating | dB(A) | 68.0 | 68.1 | 68.9 |
| Sound Power Level | Cooling | dB(A) | 89.0 | 89.2 | 89.8 |
| | Heating | dB(A) | 90.8 | 91.2 | 91.5 |
| Communication Cable | mm ² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | |
| Refrigerant | Refrigerant Name | | R410A | R410A | R410A |
| | Precharged Amount in Factory | kg | 18.5 | 17.5 | 18.5 |
| | GWP | | 2,087.5 | 2,087.5 | 2,087.5 |
| | t-CO ₂ eq | | 38.6 | 36.5 | 38.6 |
| | Control | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | ∅, V, Hz | | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 |
| | | | 3, 380, 60 | 3, 380, 60 | 3, 380, 60 |
| Number of Maximum Connectable Indoor Units | | 64 | 64 | 64 | |

1. Due to our policy of innovation some specifications may be changed without notification.
 2. Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 3. Power factor could vary less than ±1% according to the operating conditions.
 4. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 5. Performances are based on the following conditions - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 7. This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 PRO

ARUN460LLS5 / ARUN480LLS5
ARUN500LLS5



| HP | | 46 | 48 | 50 | |
|---|---------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Model Name | Combination Unit | ARUN460LLS5 | ARUN480LLS5 | ARUN500LLS5 | |
| | Independent Unit | ARUN260LLS5 ARUN200LLS5 | ARUN260LLS5 ARUN220LLS5 | ARUN260LLS5 ARUN240LLS5 | |
| Capacity | Cooling (Rated) | kW | 128.8 | 134.4 | 140.0 |
| | | Btu/h | 439,500 | 458,600 | 477,700 |
| | Heating (Rated) | kW | 128.8 | 134.4 | 140.0 |
| | | Btu/h | 439,500 | 458,600 | 477,700 |
| Input (Rated) | Cooling | kW | 34.9 | 37.6 | 39.0 |
| | Heating | kW | 35.0 | 38.3 | 38.4 |
| EER (Rated) | | 3.69 | 3.57 | 3.59 | |
| COP (Rated) | | 3.68 | 3.51 | 3.65 | |
| Power Factor | Rated | - | 0.93 | 0.93 | |
| Exterior | Casing Color | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | |
| | RAL code | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | |
| Heat Exchanger | | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus | |
| Compressor | Motor Output x Number | W x No. | (5,300 x 2) + (7,500 x 1) | (5,300 x 2) + (7,500 x 1) | 5,300 x 4 |
| | Type | | Propeller fan | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | 900 x 4 | 900 x 4 | 900 x 4 |
| | Air Flow Rate (High) | m ³ /min | 320 x 2 | 320 x 2 | 320 x 2 |
| | | ft ³ /min | 11,301 x 2 | 11,301 x 2 | 11,301 x 2 |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER |
| | Discharge | Side / Top | TOP | TOP | TOP |
| Pipe Connections For Heat Pump | Liquid Pipe | mm (inch) | 19.05 (3/4) | 19.05 (3/4) | 19.05 (3/4) |
| | Gas Pipe | mm (inch) | 41.3 (1-5/8) | 41.3 (1-5/8) | 41.3 (1-5/8) |
| Dimensions (W x H x D) | mm x No. | (1,240 x 1,690 x 760) x 2 | (1,240 x 1,690 x 760) x 2 | (1,240 x 1,690 x 760) x 2 | |
| Net Weight | kg | (268) + (230) | (268) + (230) | (268) + (268) | |
| Sound Pressure Level | Cooling | dB(A) | 67.1 | 67.5 | 68.0 |
| | Heating | dB(A) | 69.5 | 70.0 | 70.0 |
| Sound Power Level | Cooling | dB(A) | 90.1 | 90.5 | 91.0 |
| | Heating | dB(A) | 92.5 | 93.0 | 93.0 |
| Communication Cable | mm ² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | |
| Refrigerant | Refrigerant Name | | R410A | R410A | R410A |
| | Precharged Amount in Factory | kg | 18.5 | 18.5 | 22.0 |
| | GWP | | 2,087.5 | 2,087.5 | 2,087.5 |
| | t-CO ₂ eq | | 38.6 | 38.6 | 45.9 |
| | Control | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | ∅, V, Hz | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | |
| Number of Maximum Connectable Indoor Units | | 64 | 64 | 64 | |

1. Due to our policy of innovation some specifications may be changed without notification.
 2. Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 3. Power factor could vary less than ±1% according to the operating conditions.
 4. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 5. Performances are based on the following conditions - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 7. This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 PRO

ARUN520LLS5 / ARUN540LLS5
ARUN560LLS5



| HP | | 52 | 54 | 56 | |
|---|---------------------------------|----------------------------|--|--|----------------------------|
| Model Name | Combination Unit | ARUN520LLS5 | ARUN540LLS5 | ARUN560LLS5 | |
| | Independent Unit | ARUN260LLS5 ARUN260LLS5 | ARUN260LLS5 ARUN160LLS5 ARUN120LLS5 | ARUN260LLS5 ARUN180LLS5 ARUN120LLS5 | |
| Capacity | Cooling (Rated) | kW | 145.6 | 151.2 | 156.8 |
| | | Btu/h | 496,800 | 515,900 | 535,000 |
| | Heating (Rated) | kW | 145.6 | 151.2 | 156.8 |
| | | Btu/h | 496,800 | 515,900 | 535,000 |
| Input (Rated) | Cooling | kW | 41.6 | 41.6 | 42.0 |
| | Heating | kW | 41.0 | 41.7 | 41.7 |
| EER (Rated) | | 3.50 | 3.63 | 3.73 | |
| COP (Rated) | | 3.55 | 3.63 | 3.76 | |
| Power Factor | Rated | - | 0.93 | 0.93 | |
| Exterior | Casing Color | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | |
| | RAL code | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K | |
| Heat Exchanger | | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus | |
| Compressor | Motor Output x Number | W x No. | 5,300 x 4 | 5,300 x 4 | (5,300 x 3) + (7,500 x 1) |
| | Type | | Propeller fan | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | 900 x 4 | (900 x 4) + (1,200 x 1) | (900 x 4) + (1,200 x 1) |
| | Air Flow Rate (High) | m ³ /min | 320 x 2 | (320 x 2) + (240 x 1) | (320 x 2) + (240 x 1) |
| | | ft ³ /min | 11,301 x 2 | (11,301 x 2) + (8,476 x 1) | (11,301 x 2) + (8,476 x 1) |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER |
| | Discharge | Side / Top | TOP | TOP | TOP |
| Pipe Connections For Heat Pump | Liquid Pipe | mm (inch) | 19.05 (3/4) | 19.05 (3/4) | 19.05 (3/4) |
| | Gas Pipe | mm (inch) | 41.3 (1-5/8) | 41.3 (1-5/8) | 41.3 (1-5/8) |
| Dimensions (W x H x D) | mm x No. | (1,240 x 1,690 x 760) x 2 | (1,240 x 1,690 x 760) x 2 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 2 + (930 x 1,690 x 760) x 1 | |
| Net Weight | kg | (268) + (268) | (268) + (205) + (172) | (268) + (230) + (172) | |
| Sound Pressure Level | Cooling | dB(A) | 68.0 | 67.1 | 67.4 |
| | Heating | dB(A) | 70.0 | 68.7 | 69.5 |
| Sound Power Level | Cooling | dB(A) | 91.0 | 89.6 | 90.1 |
| | Heating | dB(A) | 93.0 | 91.5 | 91.8 |
| Communication Cable | mm ² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | |
| Refrigerant | Refrigerant Name | | R410A | R410A | R410A |
| | Precharged Amount in Factory | kg | 22.0 | 22.2 | 23.2 |
| | GWP | | 2,087.5 | 2,087.5 | 2,087.5 |
| | t-CO ₂ eq | | 45.9 | 46.3 | 48.4 |
| | Control | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | ∅, V, Hz | 3, 380-415, 50 | 3, 380-415, 50 | 3, 380-415, 50 | |
| Number of Maximum Connectable Indoor Units | | 64 | 64 | 64 | |

1. Due to our policy of innovation some specifications may be changed without notification.
 2. Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 3. Power factor could vary less than ±1% according to the operating conditions.
 4. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 5. Performances are based on the following conditions - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 7. This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 PRO

ARUN580LLS5 / ARUN600LLS5
ARUN620LLS5



| HP | | | 58 | 60 | 62 |
|---|------------------------------|---|--|--|--|
| Model Name | Combination Unit | | ARUN580LLS5 | ARUN600LLS5 | ARUN620LLS5 |
| | Independent Unit | | ARUN260LLS5 ARUN200LLS5 ARUN120LLS5 | ARUN260LLS5 ARUN220LLS5 ARUN120LLS5 | ARUN260LLS5 ARUN240LLS5 ARUN120LLS5 |
| Capacity | Cooling (Rated) | kW Btu/h | 162.4 554,100 | 168.0 573,200 | 173.6 592,300 |
| | Heating (Rated) | kW Btu/h | 162.4 554,100 | 168.0 573,200 | 173.6 592,300 |
| Input (Rated) | Cooling | kW | 43.8 | 46.5 | 47.9 |
| | Heating | kW | 44.1 | 47.4 | 47.5 |
| EER (Rated) | | | 3.71 | 3.61 | 3.62 |
| COP (Rated) | | | 3.68 | 3.54 | 3.65 |
| Power Factor | Rated | - | 0.93 | 0.93 | 0.93 |
| Exterior | Casing Color | | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray |
| | RAL code | | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K |
| Heat Exchanger | | | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus |
| Compressor | Motor Output x Number | W x No. | (5,300 x 3) + (7,500 x 1) | (5,300 x 3) + (7,500 x 1) | 5,300 x 5 |
| | Type | | Propeller fan | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | (900 x 4) + (1,200 x 1) | (900 x 4) + (1,200 x 1) | (900 x 4) + (1,200 x 1) |
| | Air Flow Rate (High) | m ³ /min ft ³ /min | (320 x 2) + (240 x 1) (11,301 x 2) + (8,476 x 1) | (320 x 2) + (240 x 1) (11,301 x 2) + (8,476 x 1) | (320 x 2) + (240 x 1) (11,301 x 2) + (8,476 x 1) |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER |
| | Discharge | Side / Top | TOP | TOP | TOP |
| Pipe Connections For Heat Pump | Liquid Pipe | mm (inch) | 19.05 (3/4) | 19.05 (3/4) | 22.2 (7/8) |
| | Gas Pipe | mm (inch) | 41.3 (1-5/8) | 41.3 (1-5/8) | 44.5 (1-3/4) |
| Dimensions (W x H x D) | | mm x No. | (1,240 x 1,690 x 760) x 2 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 2 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 2 + (930 x 1,690 x 760) x 1 |
| Net Weight | | kg | (268) + (230) + (172) | (268) + (230) + (172) | (268) + (268) + (172) |
| Sound Pressure Level | Cooling | dB(A) | 67.7 | 68.1 | 68.5 |
| | Heating | dB(A) | 70.0 | 70.4 | 70.4 |
| Sound Power Level | Cooling | dB(A) | 90.4 | 90.8 | 91.3 |
| | Heating | dB(A) | 92.8 | 93.2 | 93.2 |
| Communication Cable | | mm ² x No. (VCTF-SB) | 1.0 ~ 1.5 x 2C | 1.0 ~ 1.5 x 2C | 1.0 ~ 1.5 x 2C |
| Refrigerant | Refrigerant Name | | R410A | R410A | R410A |
| | Precharged Amount in Factory | kg | 23.2 | 23.2 | 26.7 |
| | GWP | | 2,087.5 | 2,087.5 | 2,087.5 |
| | t-CO ₂ eq | | 48.4 | 48.4 | 55.7 |
| | Control | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | | ∅, V, Hz | 3, 380-415, 50 3, 380, 60 | 3, 380-415, 50 3, 380, 60 | 3, 380-415, 50 3, 380, 60 |
| Number of Maximum Connectable Indoor Units | | | 64 | 64 | 64 |

1. Due to our policy of innovation some specifications may be changed without notification.
 2. Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 3. Power factor could vary less than ±1% according to the operating conditions.
 4. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 5. Performances are based on the following conditions - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 7. This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 PRO

ARUN640LLS5 / ARUN660LLS5
ARUN680LLS5



| HP | | | 64 | 66 | 68 |
|---|------------------------------|---|--|--|---|
| Model Name | Combination Unit | | ARUN640LLS5 | ARUN660LLS5 | ARUN680LLS5 |
| | Independent Unit | | ARUN260LLS5 ARUN260LLS5 ARUN120LLS5 | ARUN260LLS5 ARUN260LLS5 ARUN140LLS5 | ARUN260LLS5 ARUN260LLS5 ARUN160LLS5 |
| Capacity | Cooling (Rated) | kW Btu/h | 179.2 611,400 | 184.8 630,600 | 190.4 649,700 |
| | Heating (Rated) | kW Btu/h | 179.2 611,400 | 184.8 630,600 | 190.4 649,700 |
| Input (Rated) | Cooling | kW | 50.5 | 52.2 | 53.5 |
| | Heating | kW | 50.1 | 52.6 | 53.1 |
| EER (Rated) | | | 3.55 | 3.54 | 3.56 |
| COP (Rated) | | | 3.58 | 3.51 | 3.59 |
| Power Factor | Rated | - | 0.93 | 0.93 | 0.93 |
| Exterior | Casing Color | | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray |
| | RAL code | | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K |
| Heat Exchanger | | | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus |
| Compressor | Motor Output x Number | W x No. | 5,300 x 5 | 5,300 x 5 | 5,300 x 5 |
| | Type | | Propeller fan | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | (900 x 4) + (1,200 x 1) | (900 x 4) + (1,200 x 1) | 900 x 6 |
| | Air Flow Rate (High) | m ³ /min ft ³ /min | (320 x 2) + (240 x 1) (11,301 x 2) + (8,476 x 1) | (320 x 2) + (240 x 1) (11,301 x 2) + (8,476 x 1) | 320 x 3 11,301 x 3 |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER |
| | Discharge | Side / Top | TOP | TOP | TOP |
| Pipe Connections For Heat Pump | Liquid Pipe | mm (inch) | 22.2 (7/8) | 22.2 (7/8) | 22.2 (7/8) |
| | Gas Pipe | mm (inch) | 44.5 (1-3/4) | 53.98 (2-1/8) | 53.98 (2-1/8) |
| Dimensions (W x H x D) | | mm x No. | (1,240 x 1,690 x 760) x 2 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 2 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 3 |
| Net Weight | | kg | (268) + (268) + (172) | (268) + (268) + (184) | (268) + (268) + (205) |
| Sound Pressure Level | Cooling | dB(A) | 68.5 | 68.6 | 68.7 |
| | Heating | dB(A) | 70.4 | 70.5 | 70.6 |
| Sound Power Level | Cooling | dB(A) | 91.3 | 91.5 | 91.6 |
| | Heating | dB(A) | 93.2 | 93.4 | 93.6 |
| Communication Cable | | mm ² x No. (VCTF-SB) | 1.0 ~ 1.5 x 2C | 1.0 ~ 1.5 x 2C | 1.0 ~ 1.5 x 2C |
| Refrigerant | Refrigerant Name | | R410A | R410A | R410A |
| | Precharged Amount in Factory | kg | 26.7 | 29.5 | 28.5 |
| | GWP | | 2,087.5 | 2,087.5 | 2,087.5 |
| | t-CO ₂ eq | | 55.7 | 61.6 | 59.5 |
| | Control | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | | ∅, V, Hz | 3, 380-415, 50 3, 380, 60 | 3, 380-415, 50 3, 380, 60 | 3, 380-415, 50 3, 380, 60 |
| Number of Maximum Connectable Indoor Units | | | 64 | 64 | 64 |

1. Due to our policy of innovation some specifications may be changed without notification.
 2. Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 3. Power factor could vary less than ±1% according to the operating conditions.
 4. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 5. Performances are based on the following conditions - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 7. This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 PRO

ARUN700LLS5 / ARUN720LLS5
ARUN740LLS5



| HP | | 70 | 72 | 74 |
|---|------------------------------|---|---|---|
| Model Name | Combination Unit | ARUN700LLS5 | ARUN720LLS5 | ARUN740LLS5 |
| | Independent Unit | ARUN260LLS5 ARUN260LLS5 ARUN180LLS5 | ARUN260LLS5 ARUN260LLS5 ARUN200LLS5 | ARUN260LLS5 ARUN260LLS5 ARUN220LLS5 |
| Capacity | Cooling (Rated) | kW 668,800 | 201.6 687,900 | 207.2 707,000 |
| | Heating (Rated) | kW 668,800 | 201.6 687,900 | 207.2 707,000 |
| Input (Rated) | Cooling | kW 53.9 | 55.7 | 58.4 |
| | Heating | kW 53.1 | 55.5 | 58.8 |
| EER (Rated) | | 3.64 | 3.62 | 3.55 |
| COP (Rated) | | 3.69 | 3.63 | 3.52 |
| Power Factor | Rated | - | 0.93 | 0.93 |
| Exterior | Casing Color | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray |
| | RAL code | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K |
| Heat Exchanger | | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus |
| Compressor | Motor Output x Number | W x No. | (5,300 x 4) + (7,500 x 1) | (5,300 x 4) + (7,500 x 1) |
| | Type | | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | 900 x 6 | 900 x 6 |
| | Air Flow Rate (High) | m³/min ft³/min | 320 x 3 11,301 x 3 | 320 x 3 11,301 x 3 |
| | Drive | | DC INVERTER | DC INVERTER |
| | Discharge | Side / Top | TOP | TOP |
| Pipe Connections For Heat Pump | Liquid Pipe | mm (inch) | 22.2 (7/8) | 22.2 (7/8) |
| | Gas Pipe | mm (inch) | 53.98 (2-1/8) | 53.98 (2-1/8) |
| Dimensions (W x H x D) | mm x No. | (1,240 x 1,690 x 760) x 3 | (1,240 x 1,690 x 760) x 3 | (1,240 x 1,690 x 760) x 3 |
| Net Weight | kg | (268) + (268) + (230) | (268) + (268) + (230) | (268) + (268) + (230) |
| Sound Pressure Level | Cooling | dB(A) | 69.0 | 69.5 |
| | Heating | dB(A) | 71.1 | 71.8 |
| Sound Power Level | Cooling | dB(A) | 92.0 | 92.5 |
| | Heating | dB(A) | 93.8 | 94.8 |
| Communication Cable | mm² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C |
| Refrigerant | Refrigerant Name | | R410A | R410A |
| | Precharged Amount in Factory | kg | 29.5 | 29.5 |
| | GWP | | 2,087.5 | 2,087.5 |
| | t-CO ₂ eq | | 61.6 | 61.6 |
| | Control | | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | ∅, V, Hz | 3,380-415, 50 | 3,380-415, 50 | 3,380-415, 50 |
| Number of Maximum Connectable Indoor Units | | 64 | 64 | 64 |

1. Due to our policy of innovation some specifications may be changed without notification.
 2. Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 3. Power factor could vary less than ±1% according to the operating conditions.
 4. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 5. Performances are based on the following conditions - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 7. This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 PRO

ARUN760LLS5 / ARUN780LLS5
ARUN800LLS5



| HP | | 76 | 78 | 80 |
|---|------------------------------|---|---|---|
| Model Name | Combination Unit | ARUN760LLS5 | ARUN780LLS5 | ARUN800LLS5 |
| | Independent Unit | ARUN260LLS5 ARUN260LLS5 ARUN240LLS5 | ARUN260LLS5 ARUN260LLS5 ARUN260LLS5 | ARUN260LLS5 ARUN260LLS5 ARUN160LLS5 ARUN20LLS5 |
| Capacity | Cooling (Rated) | kW 726,100 | 212.8 745,200 | 218.4 764,300 |
| | Heating (Rated) | kW 726,100 | 212.8 745,200 | 218.4 764,300 |
| Input (Rated) | Cooling | kW 59.8 | 59.8 | 62.4 |
| | Heating | kW 58.9 | 61.5 | 62.2 |
| EER (Rated) | | 3.56 | 3.50 | 3.59 |
| COP (Rated) | | 3.61 | 3.55 | 3.60 |
| Power Factor | Rated | - | 0.93 | 0.93 |
| Exterior | Casing Color | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray |
| | RAL code | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K |
| Heat Exchanger | | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus |
| Compressor | Motor Output x Number | W x No. | 5,300 x 6 | 5,300 x 6 |
| | Type | | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | 900 x 6 | 900 x 6 |
| | Air Flow Rate (High) | m³/min ft³/min | 320 x 3 11,301 x 3 | 320 x 3 11,301 x 3 |
| | Drive | | DC INVERTER | DC INVERTER |
| | Discharge | Side / Top | TOP | TOP |
| Pipe Connections For Heat Pump | Liquid Pipe | mm (inch) | 22.2 (7/8) | 22.2 (7/8) |
| | Gas Pipe | mm (inch) | 53.98 (2-1/8) | 53.98 (2-1/8) |
| Dimensions (W x H x D) | mm x No. | (1,240 x 1,690 x 760) x 3 | (1,240 x 1,690 x 760) x 3 | (1,240 x 1,690 x 760) x 3 + (930 x 1,690 x 760) x 1 |
| Net Weight | kg | (268) + (268) + (268) | (268) + (268) + (268) | (268) + (268) + (205) + (172) |
| Sound Pressure Level | Cooling | dB(A) | 69.8 | 69.8 |
| | Heating | dB(A) | 71.8 | 70.9 |
| Sound Power Level | Cooling | dB(A) | 92.8 | 91.9 |
| | Heating | dB(A) | 94.8 | 93.8 |
| Communication Cable | mm² x No. (VCTF-SB) | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C |
| Refrigerant | Refrigerant Name | | R410A | R410A |
| | Precharged Amount in Factory | kg | 33.0 | 33.2 |
| | GWP | | 2,087.5 | 2,087.5 |
| | t-CO ₂ eq | | 68.9 | 69.3 |
| | Control | | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | ∅, V, Hz | 3,380-415, 50 | 3,380-415, 50 | 3,380-415, 50 |
| Number of Maximum Connectable Indoor Units | | 64 | 64 | 64 |

1. Due to our policy of innovation some specifications may be changed without notification.
 2. Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 3. Power factor could vary less than ±1% according to the operating conditions.
 4. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 5. Performances are based on the following conditions - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 7. This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 PRO

ARUN820LLS5 / ARUN840LLS5
ARUN860LLS5



| HP | | | 82 | 84 | 86 |
|---|------------------------------|-----------|--|--|--|
| Model Name | Combination Unit | | ARUN820LLS5 | ARUN840LLS5 | ARUN860LLS5 |
| | Independent Unit | | ARUN260LLS5 ARUN260LLS5 ARUN180LLS5 ARUN120LLS5 | ARUN260LLS5 ARUN260LLS5 ARUN200LLS5 ARUN120LLS5 | ARUN260LLS5 ARUN260LLS5 ARUN220LLS5 ARUN120LLS5 |
| Capacity | Cooling (Rated) | kW | 229.6 | 235.2 | 240.8 |
| | | Btu/h | 783,400 | 802,500 | 821,600 |
| | Heating (Rated) | kW | 229.6 | 235.2 | 240.8 |
| | | Btu/h | 783,400 | 802,500 | 821,600 |
| Input (Rated) | Cooling | kW | 62.8 | 64.6 | 67.3 |
| | Heating | kW | 62.2 | 64.6 | 67.9 |
| EER (Rated) | | | 3.66 | 3.64 | 3.58 |
| COP (Rated) | | | 3.69 | 3.64 | 3.55 |
| Power Factor | Rated | - | 0.93 | 0.93 | 0.93 |
| Exterior | Casing Color | | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray |
| | RAL code | | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K |
| Heat Exchanger | | | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus |
| Compressor | Motor Output x Number | W x No. | (5,300 x 5) + (7,500 x 1) | (5,300 x 5) + (7,500 x 1) | (5,300 x 5) + (7,500 x 1) |
| | Type | | Propeller fan | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | (900 x 6) + (1,200 x 1) | (900 x 6) + (1,200 x 1) | (900 x 6) + (1,200 x 1) |
| | Air Flow Rate (High) | m³/min | (320 x 3) + (240 x 1) | (320 x 3) + (240 x 1) | (320 x 3) + (240 x 1) |
| | | ft³/min | (11,301 x 3) + (8,476 x 1) | (11,301 x 3) + (8,476 x 1) | (11,301 x 3) + (8,476 x 1) |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER |
| Discharge | Side / Top | | TOP | TOP | |
| Pipe Connections For Heat Pump | Liquid Pipe | mm (inch) | 22.2 (7/8) | 22.2 (7/8) | 22.2 (7/8) |
| | Gas Pipe | mm (inch) | 53.98 (2-1/8) | 53.98 (2-1/8) | 53.98 (2-1/8) |
| Dimensions (W x H x D) | mm x No. | | (1,240 x 1,690 x 760) x 3 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 3 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 3 + (930 x 1,690 x 760) x 1 |
| Net Weight | kg | | (268) + (268) + (230) + (172) | (268) + (268) + (230) + (172) | (268) + (268) + (268) + (172) |
| Sound Pressure Level | Cooling | dB(A) | 69.4 | 69.6 | 69.8 |
| | Heating | dB(A) | 71.4 | 71.8 | 72.1 |
| Sound Power Level | Cooling | dB(A) | 92.2 | 92.4 | 92.7 |
| | Heating | dB(A) | 94.0 | 94.6 | 94.9 |
| Communication Cable | mm² x No. (VCTF-SB) | | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C |
| Refrigerant | Refrigerant Name | | R410A | R410A | R410A |
| | Precharged Amount in Factory | kg | 34.2 | 34.2 | 34.2 |
| | GWP | | 2,087.5 | 2,087.5 | 2,087.5 |
| | t-CO ₂ eq | | 71.4 | 71.4 | 71.4 |
| | Control | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | ∅, V, Hz | | 3,380-415, 50 | 3,380-415, 50 | 3,380-415, 50 |
| Number of Maximum Connectable Indoor Units | | | 64 | 64 | 64 |

1. Due to our policy of innovation some specifications may be changed without notification.
 2. Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 3. Power factor could vary less than ±1% according to the operating conditions.
 4. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 5. Performances are based on the following conditions - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 7. This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 PRO

ARUN880LLS5 / ARUN900LLS5
ARUN920LLS5



| HP | | | 88 | 90 | 92 |
|---|------------------------------|-----------|--|--|--|
| Model Name | Combination Unit | | ARUN880LLS5 | ARUN900LLS5 | ARUN920LLS5 |
| | Independent Unit | | ARUN260LLS5 ARUN260LLS5 ARUN240LLS5 ARUN120LLS5 | ARUN260LLS5 ARUN260LLS5 ARUN260LLS5 ARUN120LLS5 | ARUN260LLS5 ARUN260LLS5 ARUN260LLS5 ARUN140LLS5 |
| Capacity | Cooling (Rated) | kW | 246.4 | 252.0 | 257.6 |
| | | Btu/h | 840,700 | 859,800 | 879,000 |
| | Heating (Rated) | kW | 246.4 | 252.0 | 257.6 |
| | | Btu/h | 840,700 | 859,800 | 879,000 |
| Input (Rated) | Cooling | kW | 68.7 | 71.3 | 73.0 |
| | Heating | kW | 68.0 | 70.6 | 73.1 |
| EER (Rated) | | | 3.59 | 3.53 | 3.53 |
| COP (Rated) | | | 3.62 | 3.57 | 3.52 |
| Power Factor | Rated | - | 0.93 | 0.93 | 0.93 |
| Exterior | Casing Color | | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray |
| | RAL code | | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K |
| Heat Exchanger | | | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus |
| Compressor | Motor Output x Number | W x No. | 5,300 x 7 | 5,300 x 7 | 5,300 x 7 |
| | Type | | Propeller fan | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | (900 x 6) + (1,200 x 1) | (900 x 6) + (1,200 x 1) | (900 x 6) + (1,200 x 1) |
| | Air Flow Rate (High) | m³/min | (320 x 3) + (240 x 1) | (320 x 3) + (240 x 1) | (320 x 3) + (240 x 1) |
| | | ft³/min | (11,301 x 3) + (8,476 x 1) | (11,301 x 3) + (8,476 x 1) | (11,301 x 3) + (8,476 x 1) |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER |
| Discharge | Side / Top | | TOP | TOP | |
| Pipe Connections For Heat Pump | Liquid Pipe | mm (inch) | 22.2 (7/8) | 22.2 (7/8) | 22.2 (7/8) |
| | Gas Pipe | mm (inch) | 53.98 (2-1/8) | 53.98 (2-1/8) | 53.98 (2-1/8) |
| Dimensions (W x H x D) | mm x No. | | (1,240 x 1,690 x 760) x 3 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 3 + (930 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 3 + (930 x 1,690 x 760) x 1 |
| Net Weight | kg | | (268) + (268) + (230) + (172) | (268) + (268) + (268) + (172) | (268) + (268) + (268) + (184) |
| Sound Pressure Level | Cooling | dB(A) | 70.1 | 70.1 | 70.2 |
| | Heating | dB(A) | 72.1 | 72.1 | 72.1 |
| Sound Power Level | Cooling | dB(A) | 92.9 | 92.9 | 93.1 |
| | Heating | dB(A) | 94.9 | 94.9 | 95.1 |
| Communication Cable | mm² x No. (VCTF-SB) | | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C | 1.0 - 1.5 x 2C |
| Refrigerant | Refrigerant Name | | R410A | R410A | R410A |
| | Precharged Amount in Factory | kg | 37.7 | 37.7 | 40.5 |
| | GWP | | 2,087.5 | 2,087.5 | 2,087.5 |
| | t-CO ₂ eq | | 78.7 | 78.7 | 84.5 |
| | Control | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | ∅, V, Hz | | 3,380-415, 50 | 3,380-415, 50 | 3,380-415, 50 |
| Number of Maximum Connectable Indoor Units | | | 64 | 64 | 64 |

1. Due to our policy of innovation some specifications may be changed without notification.
 2. Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 3. Power factor could vary less than ±1% according to the operating conditions.
 4. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 5. Performances are based on the following conditions - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 7. This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 PRO

ARUN940LLS5 / ARUN960LLS5
ARUN980LLS5



| HP | | | 94 | 96 | 98 |
|---|------------------------------|---------------------|--|--|--|
| Model Name | Combination Unit | | ARUN940LLS5 | ARUN960LLS5 | ARUN980LLS5 |
| | Independent Unit | | ARUN260LLS5 ARUN260LLS5 ARUN260LLS5 ARUN160LLS5 | ARUN260LLS5 ARUN260LLS5 ARUN260LLS5 ARUN200LLS5 | ARUN260LLS5 ARUN260LLS5 ARUN260LLS5 ARUN200LLS5 |
| Capacity | Cooling (Rated) | kW | 263.2 | 268.8 | 274.4 |
| | | Btu/h | 898,100 | 917,200 | 936,300 |
| | Heating (Rated) | kW | 263.2 | 268.8 | 274.4 |
| | | Btu/h | 898,100 | 917,200 | 936,300 |
| Input (Rated) | Cooling | kW | 74.3 | 74.7 | 76.5 |
| | Heating | kW | 73.6 | 73.6 | 76.0 |
| EER (Rated) | | | 3.54 | 3.60 | 3.59 |
| COP (Rated) | | | 3.58 | 3.65 | 3.61 |
| Power Factor | Rated | - | 0.93 | 0.93 | 0.93 |
| Exterior | Casing Color | | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray |
| | RAL code | | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K |
| Heat Exchanger | | | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus |
| Compressor | Motor Output x Number | W x No. | 5,300 x 7 | (5,300 x 6) + (7,500 x 1) | (5,300 x 6) + (7,500 x 1) |
| | Type | | Propeller fan | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | 900 x 8 | 900 x 8 | 900 x 8 |
| | Air Flow Rate (High) | m³/min | 320 x 4 | 320 x 4 | 320 x 4 |
| | | ft³/min | 11,301 x 4 | 11,301 x 4 | 11,301 x 4 |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER |
| Discharge | Side / Top | | TOP | TOP | |
| Pipe Connections For Heat Pump | Liquid Pipe | mm (inch) | 22.2 (7/8) | 22.2 (7/8) | 22.2 (7/8) |
| | Gas Pipe | mm (inch) | 53.98 (2-1/8) | 53.98 (2-1/8) | 53.98 (2-1/8) |
| Dimensions (W x H x D) | | mm x No. | (1,240 x 1,690 x 760) x 4 | (1,240 x 1,690 x 760) x 4 | (1,240 x 1,690 x 760) x 4 |
| Net Weight | | kg | (268) + (268) + (268) + (205) | (268) + (268) + (268) + (230) | (268) + (268) + (268) + (230) |
| Sound Pressure Level | Cooling | dB(A) | 70.3 | 70.4 | 70.6 |
| | Heating | dB(A) | 72.2 | 72.5 | 72.8 |
| Sound Power Level | Cooling | dB(A) | 93.2 | 93.4 | 93.6 |
| | Heating | dB(A) | 95.2 | 95.3 | 95.8 |
| Communication Cable | | mm² x No. (VCTF-SB) | 1.0 ~ 1.5 x 2C | 1.0 ~ 1.5 x 2C | 1.0 ~ 1.5 x 2C |
| Refrigerant | Refrigerant Name | | R410A | R410A | R410A |
| | Precharged Amount in Factory | kg | 39.5 | 40.5 | 40.5 |
| | GWP | | 2,087.5 | 2,087.5 | 2,087.5 |
| | t-CO ₂ eq | | 82.5 | 84.5 | 84.5 |
| | Control | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | | ∅, V, Hz | 3,380-415, 50 | 3,380-415, 50 | 3,380-415, 50 |
| Number of Maximum Connectable Indoor Units | | | 64 | 64 | 64 |

1. Due to our policy of innovation some specifications may be changed without notification.
 2. Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
 3. Power factor could vary less than ±1% according to the operating conditions.
 4. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
 5. Performances are based on the following conditions - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 7. This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V 5 PRO

ARUN1000LLS5 / ARUN1020LLS5
ARUN1040LLS5



| HP | | | 100 | 102 | 104 |
|---|------------------------------|---------------------|--|--|--|
| Model Name | Combination Unit | | ARUN1000LLS5 | ARUN1020LLS5 | ARUN1040LLS5 |
| | Independent Unit | | ARUN260LLS5 ARUN260LLS5 ARUN260LLS5 ARUN240LLS5 | ARUN260LLS5 ARUN260LLS5 ARUN260LLS5 ARUN240LLS5 | ARUN260LLS5 ARUN260LLS5 ARUN260LLS5 ARUN240LLS5 |
| Capacity | Cooling (Rated) | kW | 280.0 | 285.6 | 291.2 |
| | | Btu/h | 955,400 | 974,500 | 993,600 |
| | Heating (Rated) | kW | 280.0 | 285.6 | 291.2 |
| | | Btu/h | 955,400 | 974,500 | 993,600 |
| Input (Rated) | Cooling | kW | 79.2 | 80.6 | 83.2 |
| | Heating | kW | 79.3 | 79.4 | 82.0 |
| EER (Rated) | | | 3.54 | 3.54 | 3.50 |
| COP (Rated) | | | 3.53 | 3.60 | 3.55 |
| Power Factor | Rated | - | 0.93 | 0.93 | 0.93 |
| Exterior | Casing Color | | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray | Warm Gray / Dawn Gray |
| | RAL code | | NL503K / NA507K | NL503K / NA507K | NL503K / NA507K |
| Heat Exchanger | | | Wide Louver Plus | Wide Louver Plus | Wide Louver Plus |
| Compressor | Motor Output x Number | W x No. | (5,300 x 6) + (7,500 x 1) | 5,300 x 8 | 5,300 x 8 |
| | Type | | Propeller fan | Propeller fan | Propeller fan |
| Fan | Motor Output x Number | W | 900 x 8 | 900 x 8 | 900 x 8 |
| | Air Flow Rate (High) | m³/min | 320 x 4 | 320 x 4 | 320 x 4 |
| | | ft³/min | 11,301 x 4 | 11,301 x 4 | 11,301 x 4 |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER |
| Discharge | Side / Top | | TOP | TOP | |
| Pipe Connections For Heat Pump | Liquid Pipe | mm (inch) | 22.2 (7/8) | 22.2 (7/8) | 22.2 (7/8) |
| | Gas Pipe | mm (inch) | 53.98 (2-1/8) | 53.98 (2-1/8) | 53.98 (2-1/8) |
| Dimensions (W x H x D) | | mm x No. | (1,240 x 1,690 x 760) x 4 | (1,240 x 1,690 x 760) x 4 | (1,240 x 1,690 x 760) x 4 |
| Net Weight | | kg | (268) + (268) + (268) + (230) | (268) + (268) + (268) + (268) | (268) + (268) + (268) + (268) |
| Sound Pressure Level | Cooling | dB(A) | 70.8 | 71.0 | 71.0 |
| | Heating | dB(A) | 73.0 | 73.0 | 73.0 |
| Sound Power Level | Cooling | dB(A) | 93.8 | 94.0 | 94.0 |
| | Heating | dB(A) | 96.0 | 96.0 | 96.0 |
| Communication Cable | | mm² x No. (VCTF-SB) | 1.0 ~ 1.5 x 2C | 1.0 ~ 1.5 x 2C | 1.0 ~ 1.5 x 2C |
| Refrigerant | Refrigerant Name | | R410A | R410A | R410A |
| | Precharged Amount in Factory | kg | 40.5 | 44.0 | 44.0 |
| | GWP | | 2,087.5 | 2,087.5 | 2,087.5 |
| | t-CO ₂ eq | | 84.5 | 91.9 | 91.9 |
| | Control | | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve |
| Power Supply | | ∅, V, Hz | 3,380-415, 50 | 3,380-415, 50 | 3,380-415, 50 |
| Number of Maximum Connectable Indoor Units | | | 64 | 64 | 64 |

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 2. Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
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 5. Performances are based on the following conditions - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
 6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
 7. This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)