



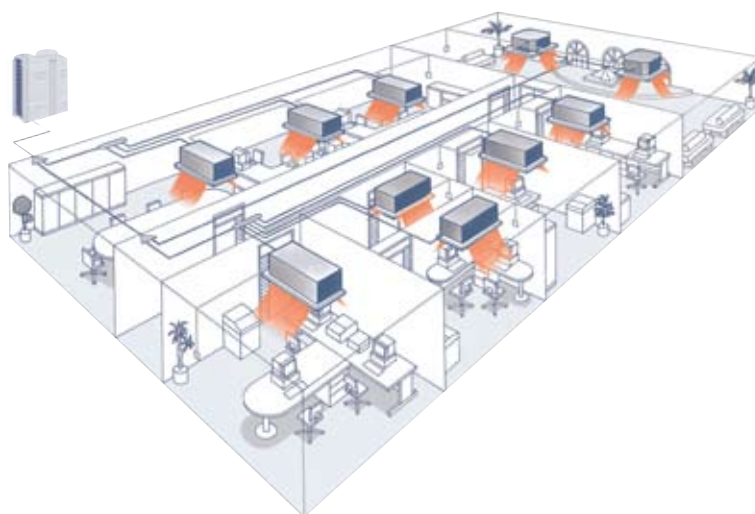
# RXYQ5-54P7W1B(A)

## VRV<sup>®</sup>III Inverter Heat Pump Small Footprint Combination



- Increased outdoor unit capacity up to 54 HP
- Wide range of indoor units: 13 different models in a total of 75 variations
- Flexible combination of outdoor units: small footprint combination, high COP combination or any other combination of your choice
- Compact size of outdoor units
- Increased EER/COP
- Increased external static pressure: up to 78.4Pa
- 2 steps in night quiet mode: eg. 10HP: 58 dBA, 1st step: 54dBA, 2nd step: 45dBA
- RoHS compliant
- Easy combination with HRV
- Connectable to current Daikin control systems: DS-net, Intelligent Touch Controller, Intelligent Manager, BACnet Gateway, DMS-IF
- Easy installation thanks to automatic refrigerant charging operation, automatic test operation
- Refrigerant containment check function

RXYQ44-46-48P7W1B(A)



| RXYQ-P(A) |              | RXYQ20P7W1B | RXYQ22P7W1B | RXYQ24P7W1B | RXYQ26P7W1BA | RXYQ28P7W1BA | RXYQ30P7W1BA | RXYQ32P7W1BA | RXYQ34P7W1BA | RXYQ36P7W1BA |
|-----------|--------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Modules   | RXYQ8P7W1B   | 1           |             |             | 1            |              |              |              |              |              |
|           | RXYQ10P7W1B  |             | 1           |             |              | 1            |              |              |              |              |
|           | RXYQ12P7W1B  | 1           | 1           | 2           |              |              | 1            |              |              |              |
|           | RXYQ14P7W1BA |             |             |             |              |              |              | 1            |              |              |
|           | RXYQ16P7W1BA |             |             |             |              |              |              |              | 1            |              |
|           | RXYQ18P7W1BA |             |             |             | 1            | 1            | 1            | 1            | 1            | 2            |

| RXYQ-P(A) |              | RXYQ38P7W1BA | RXYQ40P7W1BA | RXYQ42P7W1BA | RXYQ44P7W1BA | RXYQ46P7W1BA | RXYQ48P7W1BA | RXYQ50P7W1BA | RXYQ52P7W1BA | RXYQ54P7W1BA |
|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Modules   | RXYQ8P7W1B   | 1            |              |              | 1            |              |              |              |              |              |
|           | RXYQ10P7W1B  |              | 1            |              |              | 1            |              |              |              |              |
|           | RXYQ12P7W1B  | 1            | 1            | 2            |              |              | 1            |              |              |              |
|           | RXYQ14P7W1BA |              |              |              |              |              |              | 1            |              |              |
|           | RXYQ16P7W1BA |              |              |              |              |              |              |              | 1            |              |
|           | RXYQ18P7W1BA | 1            | 1            | 1            | 2            | 2            | 2            | 2            | 2            | 3            |



# RXYQ5-54P7W1B(A)

## VRV®III Inverter Heat Pump Small Footprint Combination

### HEAT PUMP

| RXYQ-P(A)                              |                 |                          |             | 5             | 8           | 10          | 12            | 14    | 16              | 18  |
|----------------------------------------|-----------------|--------------------------|-------------|---------------|-------------|-------------|---------------|-------|-----------------|-----|
| Capacity range                         |                 |                          | HP          | 5             | 8           | 10          | 12            | 14    | 16              | 18  |
| Capacity                               | Cooling         | kw                       | 14.0        | 22.4          | 28.0        | 33.5        | 40.0          | 45.0  | 49.0            |     |
|                                        | Heating         | kw                       | 16.0        | 25.0          | 31.5        | 37.5        | 45.0          | 50.0  | 56.5            |     |
| Power input (nominal)                  | Cooling         | kw                       | 3.52        | 5.56          | 7.42        | 9.62        | 12.4          | 14.2  | 16.2            |     |
|                                        | Heating         | kw                       | 4.00        | 5.86          | 7.70        | 9.44        | 11.30         | 12.90 | 15.30           |     |
| Dimensions                             |                 | (Height x Width x Depth) | mm          | 1,680x635x765 |             |             | 1,680x930x765 |       | 1,680x1,240x765 |     |
| Weight                                 |                 |                          | kg          | 159           | 187         | 240         |               | 316   |                 | 324 |
| Sound Level                            | Sound Power     | Cooling                  | dBA         | 72            | 78          |             | 80            |       |                 | 83  |
|                                        | Sound Pressure  | Cooling                  | dBA         | 54            | 57          | 58          | 60            |       |                 | 63  |
| Operation Range                        | Cooling         | Min~Max                  | CDB         | -5.0~-43.0    |             |             |               |       |                 |     |
|                                        | Heating         | Min~Max                  | CWD         | -20.0~-15.0   |             |             |               |       |                 |     |
| Refrigerant                            |                 |                          |             | R-410A        |             |             |               |       |                 |     |
| Power Supply                           |                 |                          |             | 3N~/400V/50Hz |             |             |               |       |                 |     |
| Max n° of indoor units to be connected |                 |                          |             | 8             | 13          | 16          | 19            | 23    | 26              | 29  |
| Piping connections                     | Liquid (OD)/Gas | mm                       | 9.52 / 15.9 | 9.52 / 19.1   | 9.52 / 22.2 | 12.7 / 28.6 |               |       | 15.9 / 28.6     |     |
| Max. total length                      |                 |                          |             | 1000          |             |             |               |       |                 |     |

### HEAT PUMP

| RXYQ-P(A)                              |                 |         |               | 20         | 22          | 24   | 26          | 28   | 30    | 32    | 34    | 36          |
|----------------------------------------|-----------------|---------|---------------|------------|-------------|------|-------------|------|-------|-------|-------|-------------|
| Capacity range                         |                 |         | HP            | 20         | 22          | 24   | 26          | 28   | 30    | 32    | 34    | 36          |
| Capacity                               | Cooling         | kw      | 55.9          | 61.5       | 67.0        | 71.4 | 77.0        | 82.5 | 89.0  | 94.0  | 98.0  |             |
|                                        | Heating         | kw      | 62.5          | 69.0       | 75.0        | 81.5 | 88.0        | 94.0 | 102.0 | 107.0 | 113.0 |             |
| Power input (nominal)                  | Cooling         | kw      | 15.2          | 17.0       | 19.2        | 21.8 | 23.6        | 25.8 | 28.6  | 30.4  | 32.4  |             |
|                                        | Heating         | kw      | 15.30         | 17.1       | 18.9        | 21.2 | 23.0        | 24.7 | 26.6  | 28.2  | 30.6  |             |
| Dimensions (Height x Width x Depth)    |                 |         | mm            | -          |             |      |             |      |       |       |       |             |
| Weight                                 |                 |         | kg            | -          |             |      |             |      |       |       |       |             |
| Sound Level                            | Sound Power     | Cooling | dBA           | -          |             |      |             |      |       |       |       |             |
|                                        | Sound Pressure  | Cooling | dBA           | -          |             |      |             |      |       |       |       |             |
| Operation Range                        | Cooling         | Min~Max | CDB           | -5.0~43.0  |             |      |             |      |       |       |       |             |
|                                        | Heating         | Min~Max | CWD           | -20.0~15.0 |             |      |             |      |       |       |       |             |
| Refrigerant                            |                 |         | R-410A        |            |             |      |             |      |       |       |       |             |
| Power Supply                           |                 |         | 3N~/400V/50Hz |            |             |      |             |      |       |       |       |             |
| Max n° of indoor units to be connected |                 |         | 32            | 35         | 39          | 42   | 45          | 49   | 52    | 55    | 58    |             |
| Piping connections                     | Liquid (OD)/Gas | mm      | 15.9 / 28.6   |            | 15.9 / 34.9 |      | 19.1 / 34.9 |      |       |       |       | 19.1 / 41.3 |
| Max. total length                      |                 |         | m             | 1000       |             |      |             |      |       |       |       |             |

### HEAT PUMP

| RXYQ-P(A)                              |                 |         |               | 38          | 40    | 42    | 44    | 46    | 48    | 50    | 52    | 54 |
|----------------------------------------|-----------------|---------|---------------|-------------|-------|-------|-------|-------|-------|-------|-------|----|
| Capacity range                         |                 |         | HP            | 38          | 40    | 42    | 44    | 46    | 48    | 50    | 52    | 54 |
| Capacity                               | Cooling         | kw      | 105.0         | 111.0       | 116.0 | 120.0 | 126.0 | 132.0 | 138.0 | 143.0 | 147.0 |    |
|                                        | Heating         | kw      | 119.0         | 126.0       | 132.0 | 138.0 | 145.0 | 151.0 | 158.0 | 163.0 | 170.0 |    |
| Power input (nominal)                  | Cooling         | kw      | 31.4          | 33.2        | 35.4  | 38.0  | 39.8  | 42.0  | 44.8  | 46.6  | 48.6  |    |
|                                        | Heating         | kw      | 30.6          | 32.4        | 34.2  | 36.5  | 38.3  | 40.0  | 41.9  | 43.5  | 45.9  |    |
| Dimensions (Height x Width x Depth)    |                 |         | mm            | -           |       |       |       |       |       |       |       |    |
| Weight                                 |                 |         | kg            | -           |       |       |       |       |       |       |       |    |
| Sound Level                            | Sound Power     | Cooling | dBA           | -           |       |       |       |       |       |       |       |    |
|                                        | Sound Pressure  | Cooling | dBA           | -           |       |       |       |       |       |       |       |    |
| Operation Range                        | Cooling         | Min~Max | CDB           | -5.0~-43.0  |       |       |       |       |       |       |       |    |
|                                        | Heating         | Min~Max | CWD           | -20.0~-15.0 |       |       |       |       |       |       |       |    |
| Refrigerant                            |                 |         | R-410A        |             |       |       |       |       |       |       |       |    |
| Power Supply                           |                 |         | 3N~/400V/50Hz |             |       |       |       |       |       |       |       |    |
| Max n° of indoor units to be connected |                 |         | 61            | 64          |       |       |       |       |       |       |       |    |
| Piping connections                     | Liquid (OD)/Gas | mm      | 19.1/41.3     |             |       |       |       |       |       |       |       |    |
| Max. total length                      |                 |         | m             | 1000        |       |       |       |       |       |       |       |    |