







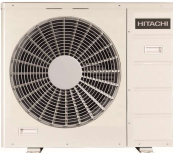
R32 Multisplits

air

Multisplits: R32 Outdoor Units

Factory: JCH-MY for RAM33 to RAM90 / JCH-WH for RAM110

Line-up

2 Rooms			3 Rooms		4 Rooms	5 Rooms	
3.30 kW	4.00 kW	5.30 kW	5.30 kW	6.80 kW	7.00 kW	8.50 kW	10.00 kW
RAM-33NP2E	RAM-40NP2E	RAM-53NP2E	RAM-53NP3E	RAM-68NP3E	RAM-70NP4E	RAM-90NP5E	RAM-110NP5E
							

Features

Energy savings:

- High seasonal performances: **SEER A+++ / SCOP A++**
- **Hibernate**

High comfort level

- High heating capacity at low temperatures
- Low sound level → **Vector Control**

Wide and complete range:

- Exclusive 3.3kW unit
- New high capacity unit (single fan): 10.6kW - 5 rooms



R32



HIBERNATE



SEER



SCOP



COOLING



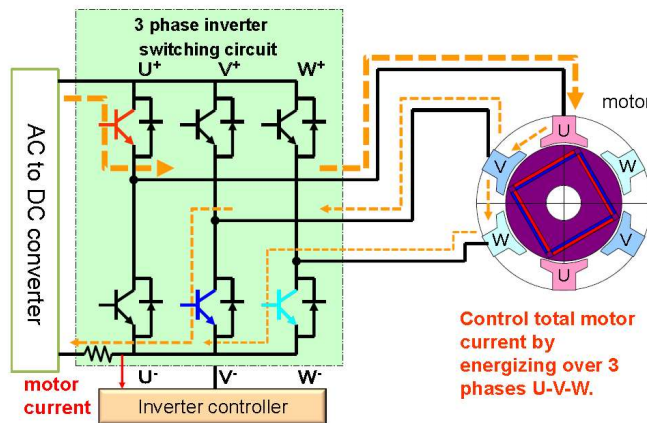
HEATING

HIGH
EFFICIENCY

Multisplits: R32 Outdoor Units



Hitachi patented system
which optimizes the operation
of the compressors



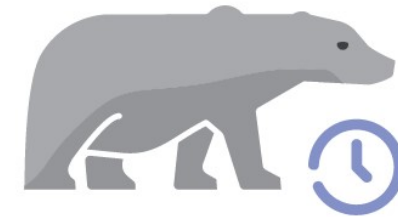
High
Performances

Low
Noise level

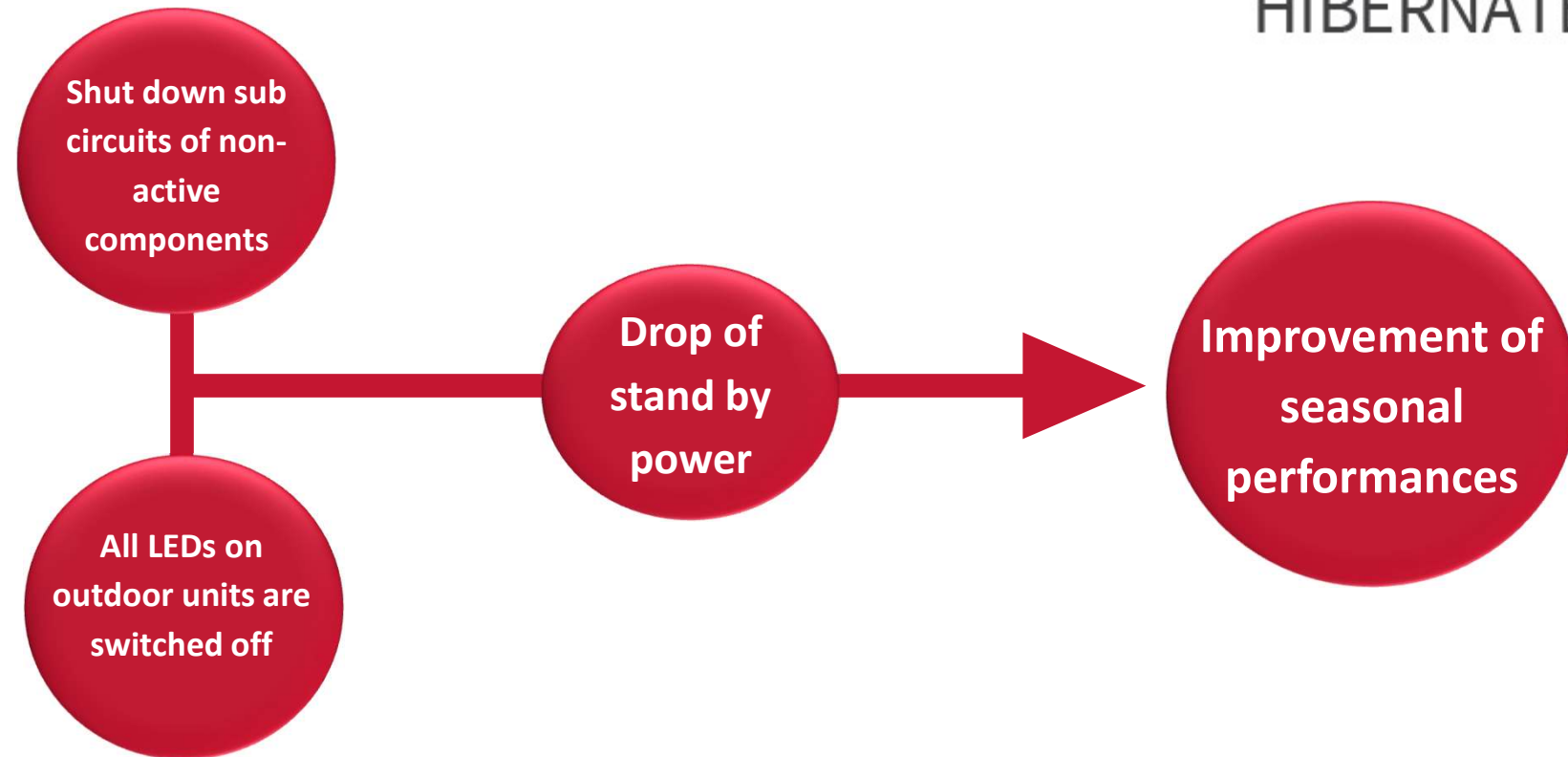
Multisplits: R32 Outdoor Units

Hibernate

Smart regulation which reduces by **70% stand by** consumptions




HIBERNATE



Multisplits: Outdoor Units

Stand by power consumption comparison:

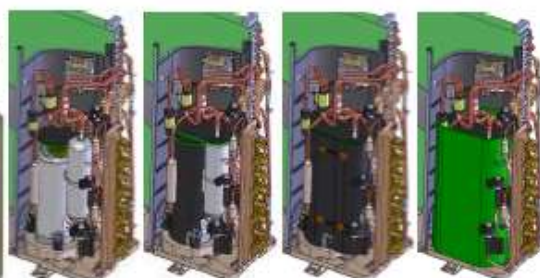
Data extracted from Eurovent website → certified data

 Model Name	2 rooms			3 rooms		4 rooms	5 rooms
	RAM-33NP2B	RAM-40NP2B	RAM-53NP2B	RAM-53NP3B	RAM-68NP3B	RAM-70NP4B	RAM-90NP5B
HITACHI	6.0W* (1.8W)	4.0W* (1.9W)	4.0W* (3.0W)	4.0W* (3.0W)	4.0W* (2.0W)	4.0W* (2.0W)	2.0W* (1.9W)
DAIKIN	-	10.0W	11.0W	10.0W	11.0W	11.0W	11.0W
MITSUBISHI	11.0W	7.0W	11.0W	14.0W	15.0W	15.0W	11.0W

* Declared Eurovent Data
 ()Hitachi factory tested data

Multisplits: Outdoor Units

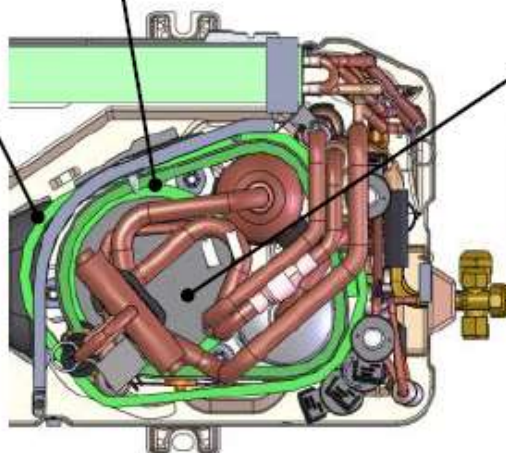
Insulation optimization



Soundproof around
compressor & Tank

Soundproof over
refrigeration cycle

Previous	New
① 15mm thick	① 8mm thick
② 440mm Height	Same



Soundproof on
compressor top

Previous	New	
No soundproof at Comp body and Tank	2mm Rubber+ 8mm Soundproof	2mm Rubber+ 8mm Soundproof

Previous	New
① 8mm thick	① 8mm thick
	② 2mm Rubber + 15mm Soundproof

Multisplits: R32 Range Indoor Units

Features

Flexibility

- 23 Indoor units connectable







Consistent line-up

- from 2.0 to 6.0kW units available for every model

Efficient & comfortable

- Residential & Light Commercial applications



Indoor Units					
	Wall		Duct	Floor	Cassette
RAK-Q/RXE From 2.0 to 5.0kW	RAK-Q/RPE From 1.5 to 5.0kW	RAK-RPE(1) 5.0 /6.0kW	RAD-Q/RPE From 2.0 to 6.0kW	RAF-RXE From 2.5 to 5.0kW	RAI-RPE From 2.5 to 6.0
					

Multisplits: R32 Wall Hi-End

(RAK-(Q/R)XE / RAC-WXE)

Factory: JCH-WH / Availability date: FY19Q2

Line-up

Indoor Unit	RAK-18RXE*	RAK-25RXE	RAK-35RXE	RAK-50RXE
Outdoor Unit	RAM-NPE	RAC-25WXE	RAC-35WXE	RAC-50WXE
Cooling (kW)	1.8	2.5	3.5	5.0
Heating (kW)	2.5	3.2	4.0	5.8



Features

New range: Complete and consistent range from 2,5 to 5,0kW

Energy savings:

- High seasonal performances **SEER = A+++ / SCOP = A+++**
- Human sensor

High comfort level:

- **Constant Power**
- Working range to down to **-20°C**

Differentiated design matching perfectly with Hi-End Floor

Easy selection: Single & Multi compatibility

4 Way Swing: homogeneous temperature in the room

*Multi only



R32



CONSTANT
POWER



4 WAY
SWING

A+++

SEER

A+++

SCOP



COOLING



HEATING



HIGH
EFFICIENCY

74

Multisplits: R32 Wall Standard

Factory: JCH-WH

Line-up

Indoor Unit	RAK-15QPE*	RAK-18RPE	RAK-25RPE	RAK-35RPE	RAK-42RPE	RAK-50RPE
Outdoor Unit	RAM-NPE	RAC-18WPE	RAC-25WPE	RAC-35WPE	RAC-42WPE	RAC-50WPE
Cooling (kW)	1.5	2.0	2.5	3.5	4.2	5.0
Heating (kW)	2.0	2.5	3.4	4.2	5.4	6.0

Features

New range: Complete and consistent range from 2,0 to 5,0kW

Energy savings: High seasonal performances **SEER = A+++ / SCOP = A++**

High comfort level:

- High heating capacity @ low temperatures
- **4 way swing**

Performance and discretion: One of the most compact unit on the market **(780mm)**

Easy selection and installation:

- Single & Multi compatibility
- Easy access to piping connection

Easy maintenance:

- Chassis: easy access to fan motor
- Exclusive HiKumo Pro compatibility



*Multi only



R32



COMPACT



EASY
MAINTENANCE



4 WAY
SWING



SEER



SCOP



COOLING



HEATING



HIGH
EFFICIENCY

75

Multisplits: Wall Standard

Factory: JCH-WH

Line-up

Indoor Unit	RAK-15QPC*	RAK-18RPC	RAK-25RPC	RAK-35RPC	RAK-50RPC
Outdoor Unit	RAM-N(Y)PB	RAC-18WPC	RAC-25WPC	RAC-35WPC	RAC-50WPC
Cooling (kW)	1.5	2.0	2.5	3.5	5.0
Heating (kW)	2.0	2.5	3.4	4.2	6.0

*Multi only

Features

Range: Complete and consistent range from 2,0 to 5,0kW

Energy savings: High seasonal performances: **SCOP A++ 4,60 / SEER A++ 7,60**

High comfort level:

- High heating capacity @ low temperatures
- **4 way swing**

Single / Multi compatibility

Home Automation

Complete controls range

Optional Accessories: Wi-Fi and Full dot compatibility (HiKumo & HiKumo Pro)



R32



EASY
MAINTENANCE



4 WAY
SWING



SEER



SCOP



COOLING



HEATING



HIGH
EFFICIENCY

Multisplits: R32 Wall Light Commercial

Factory: JCH-MY

Line-up

Indoor Unit	RAK-50RPE1	RAK-60RPE
Outdoor Unit	RAC-50NPE	RAC-60NPE
Cooling (kW)	5.0	6.0
Heating (kW)	6.0	7.0

Features

Range consistency: 5.0, 6.0 and 7.0 kW.

Energy savings: High seasonal performances **SEER = A++ / SCOP = A++**

Easy selection and flexible installation:

- Single and multi compatibility (5.0 and 6.0 kW units)
- Long piping length = up to **30m**
- Compact indoor unit (width = **900 mm**)

Human sensor (standard)

High heating capacity at low temperature

Wide working range down to **-15°C** in Cooling & Heating

Range consistency with current Standard and PAC/VRF range

Optional Accessories: Wi-Fi and Full dot compatibility (HiKumo & HiKumo Pro)



RAK-50RPE1 & RAK-60RPE



RAK-70PPD



R32



SEER



SCOP



COOLING



HEATING



HIGH
EFFICIENCY

33

Multisplits: R32 Floor Hi-End

Factory: JCH-WH / Availability date: ETD FY19Q4

Line-up

Indoor Unit	RAF-25RXE	RAF-35RXE	RAF-50RXE
Outdoor Unit	RAC-25FXE	RAC-35FXE	RAC-50FXE
Cooling (kW)	2.5	3.5	5.0
Heating (kW)	3.4	4.5	6.0

Features

Range: Complete and consistent range from 2.5, 3.5 and 5.0kW

Exclusive design: Differentiated design matching perfectly with Hi-End Wall

Highest seasonal performances on the market SEER = **A+++** / SCOP = **A+++**

High heating capacity at low temperatures

Easy selection: Single / Multi compatibility

Wide working range down to **-20°** in Heating

Removable foot

Wi-Fi compatible (HiKumo & HiKumo Pro)

New Gas Leakage Sensor



R32



DESIGN



SEER



SCOP



COOLING



HEATING

HIGH
EFFICIENCY

78

Multisplits: R32 Duct Light Commercial

Factory: OU 2.5 & 3.5kW: JCH-WH / IU & OU 5.0, 6.0: JCH-MY

Availability date: FY19Q3

Line-up

Indoor Unit	RAD-18QPE*	RAD-25RPE	RAD-35RPE	RAD-50RPE	RAD-60RPE
Outdoor Unit	RAM-NPE	RAC-25NPE	RAC-35NPE	RAC-50NPE	RAC-60NPE
Cooling (kW)	1.8	2.5	3.5	5.0	6.0
Heating (kW)	2.0	3.5	4.8	6.0	7.0

*multi only

Features

Range consistency: 2.0 for multi only, 2.5, 3.5, 5.0, 6.0 and 7.0 kW.

Energy savings: High seasonal performances **SEER = A++ / SCOP = A+**

Easy selection and flexible installation:

- Single and multi compatibility
- **High static pressure: 70Pa (TBC)** (2.0 / 2.5 / 3.5) 150Pa (5.0 / 6.0 / 7.0)
- Compact indoor unit
- Compatibility with Airzone solution
- Drain pump included

High heating capacity at low temperature

Optional Accessories: Wifi and Fulldot compatibility (HiKumo & HiKumo Pro)



RAD-18QPE & RAD-25/35RPE



RAD-50/60RPE



R32



SEER



SCOP



COOLING



HEATING



HIGH
EFFICIENCY