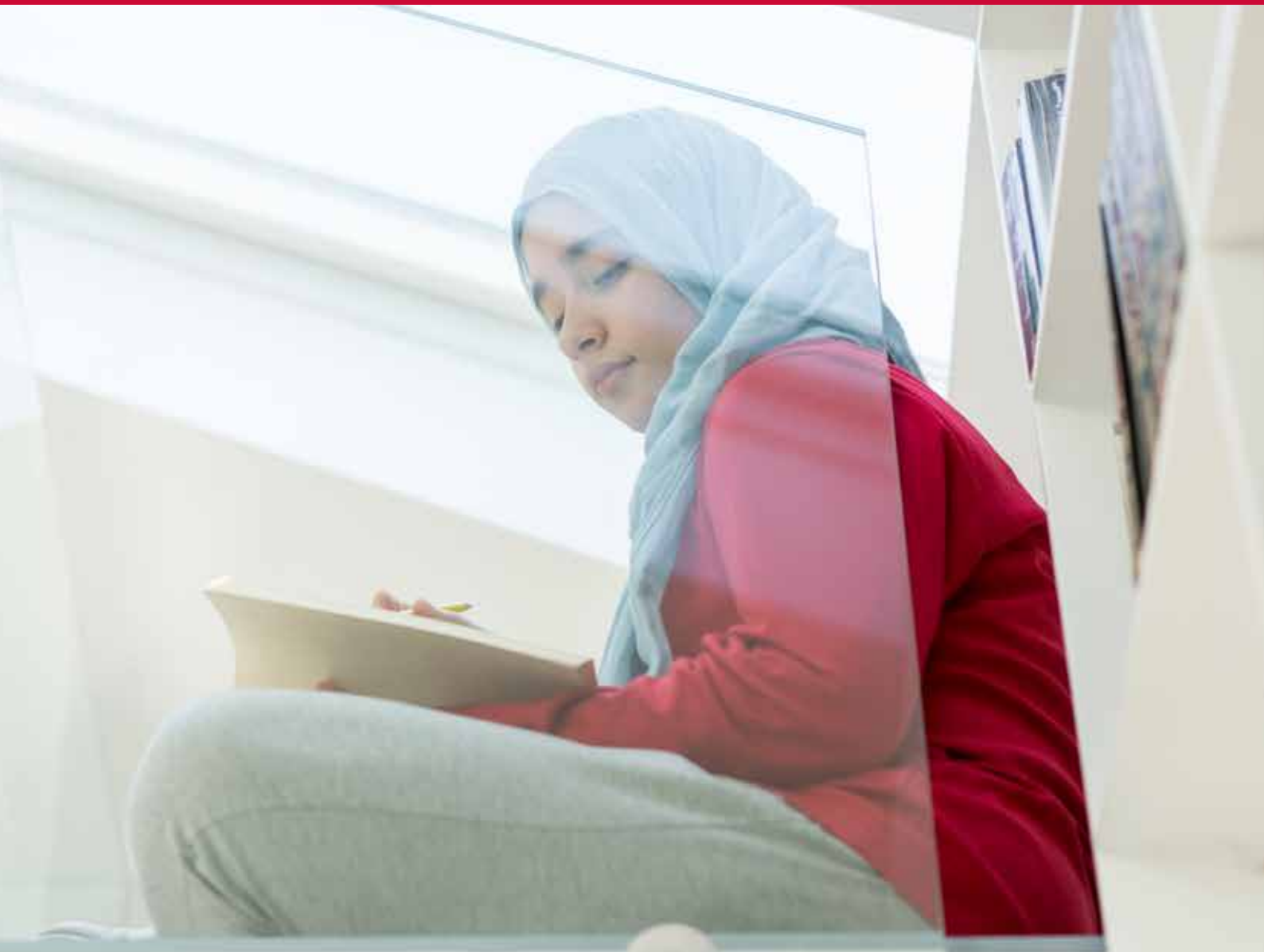
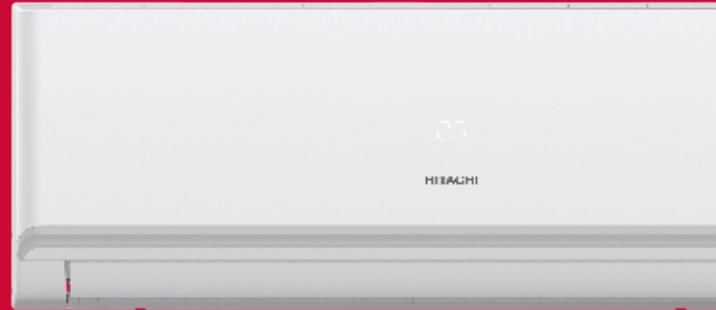


airHome 200

HITACHI

Quality, built to last



Cooling & Heating

—
We are

Global

第二安田ビル

桜島 溶岩焼

ゼリラタ

九州地場 溶岩焼 桜島

外人セラピスト

クアトロ

東京銀座ラウンジ

3F
YURINA

3F
鳥の庭

鳥の庭

鳥牧場

小松ビル
8F

お好み焼き

7F

麻雀ブル

LISA

HITACHI



LABI
SHINJUKU 東口

MIKA BLDG.

and we born

Japanese

We are cooling world for more than 100 years

- Founded in 1910 as a machine repair shop at Kuhara Mining Company in Hitachi City, Ibaraki Prefecture, Japan (Incorporated in 1920)
- Hitachi founding spirit: Harmony, Sincerity, Pioneering spirit
- Corporate credo: Contribute to society through the development of superior, original technology and products



Founder
Namihei Odaira

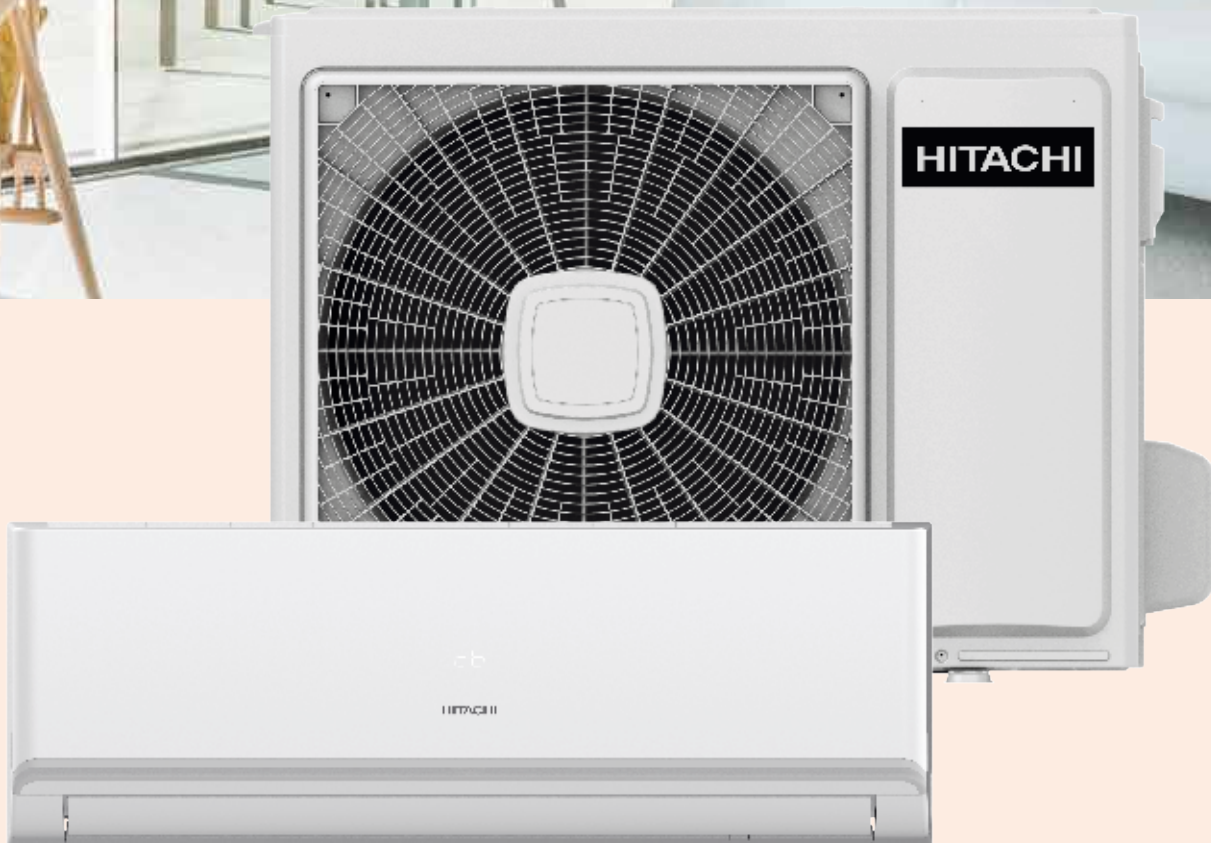


Shimizu Factory (1940)

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Quality, built to last

HITACHI



Cooling & Heating

Intelligence

Smart Mode



Below
< 23°C

Fan
Mode



23°C-26°C

Dry
Mode



Over
> 26°C

Cooling
Mode

Press the **SMART button**, the AC enter fuzzy logic operation directly, no matter the unit is on or off.

Temperature and fan speed are automatically set based on the actual room temperature.

The air conditioner will automatically adjust to the **most comfortable temperature** according to the room temperature.



SMART

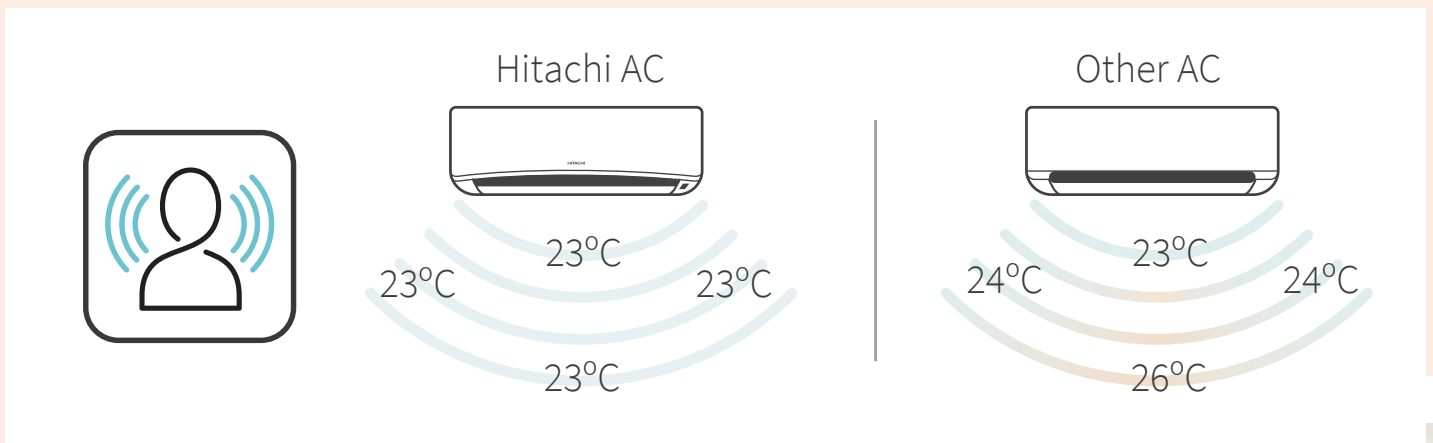
Intelligence

I feel

The remote control is equipped with a **temperature sensor to feel** 1m with in the surrounding temperature, and every 3 Minutes automatically transmits the information to the indoor unit, which operates and adjusts according to the perceived temperature to achieve **intelligent temperature**.

By pressing the "**I Feel**" button to achieve intelligent temperature control and **best room conditions**.

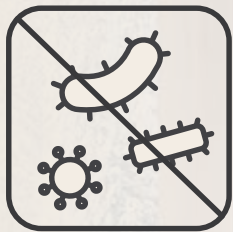
The temperature you feel is the temperature you want.



Health

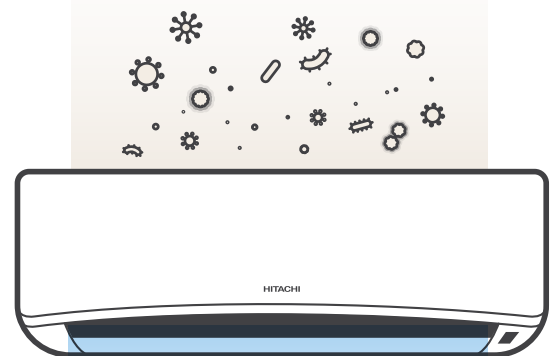
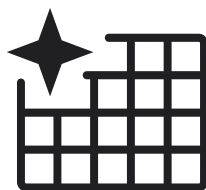
Anti Mildew Running

After turning off the AC, the indoor fan will continue running for 30 seconds, **prevent mildew growth.**



Washable High Definition Filter

This **washable high density filter** can remove more than **90% dust**, just simply wash out filter with water, you can enjoy **fresh air everyday.**



Reliability

Golden Fin

The golden fin used in air conditioner heat exchanger **provides stable and durable cooling performance.**



55°C Stable Running

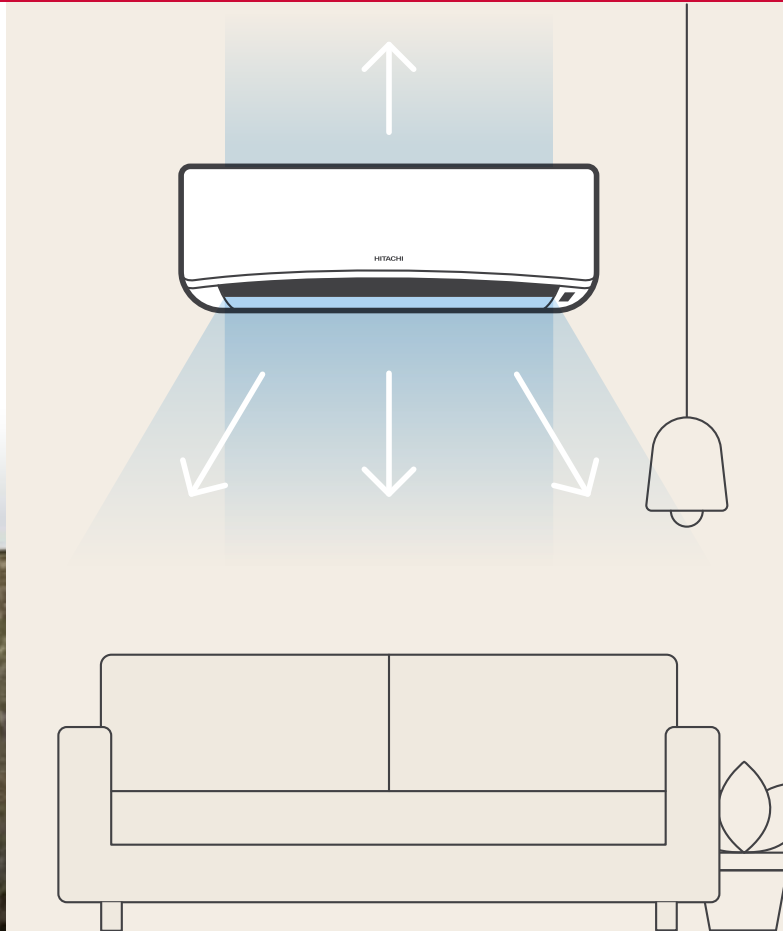
High efficiency heat exchanger and T3 Compressor combination make the **AC run stably under high temperature (55°C) environment.**



Comfort

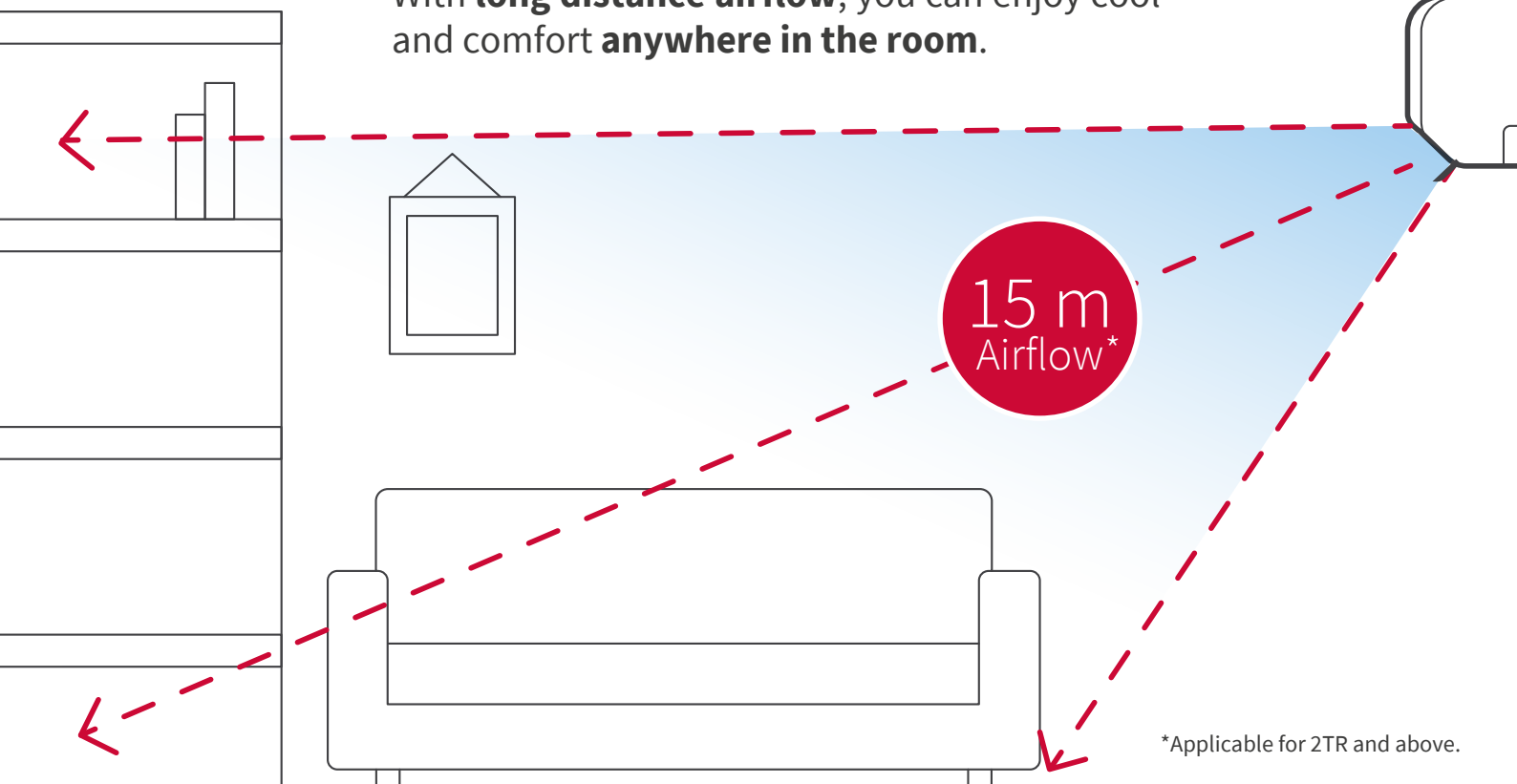
4D Auto-swing

The horizontal and vertical auto swing improve distribution of cooling, prevent direct blowing, **make you feel more comfortable.**



Long Distance Airflow

With **long distance airflow**, you can enjoy cool and comfort **anywhere in the room.**



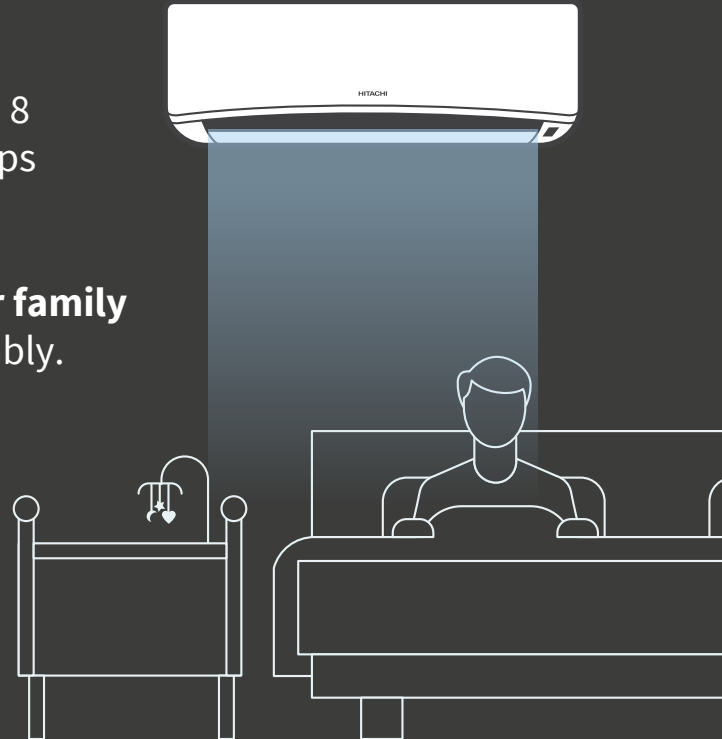
*Applicable for 2TR and above.

Comfort

Four Sleep Modes

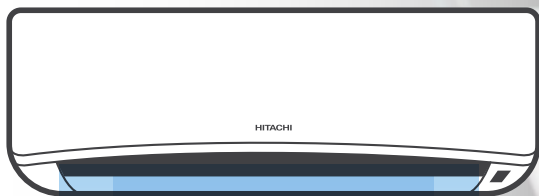
The **temperature curve is customized** within 8 hours according to the needs of different groups of people – adult, elderly, youth, children.

Provide **different sleep temperature care for family members**, so that you can fall asleep comfortably.



Turbo Mode

The AC is **not affected by ambient temperature**. It always runs with the maximum power and air volume, and **reduces the temperature rapidly**.



Specifications

airHome 200

Wall Mounted

Model name	Indoor		RAK-AJ12PHAM	RAK-AJ18PHAM	RAK-AJ24PHAM		
	Outdoor		RAC-AJ12PHAM	RAC-AJ18PHAM	RAC-AJ24PHAM		
Power supply location			Indoor unit power supply	Indoor unit power supply	Indoor unit power supply		
Power supply	Ph-V-Hz		1Ph / 220-240V / 50Hz	1Ph / 220-240V / 50Hz	1Ph / 220-240V / 50Hz		
Cooling	Capacity	Btu / h	12,000	18,000	23,800		
	Input Power	W	1,175	1,650	2,245		
	Running Current	A	5.3	7.5	10.1		
	EER	Btu / hW	10.2	10.9	10.6		
Heating	Capacity	Btu / h	12,400	18,500	24,300		
	Input Power	W	1,050	1,635	2,190		
	Running Current	A	4.7	7.4	9.9		
	COP	Btu / hW	11.8	11.3	11.1		
Moisture Removal			l/h	1.3	1.8		
Maximum Input Power			W	1,800	3,500		
Maximum Input Current			A	9.2	18.2		
Starting Current			A	30	60		
Indoor Unit	Rated Air Flow	Turbo / H / M / L	CFM	393 / 327 / 268 / 208	617 / 590 / 400 / 320	700 / 620 / 540 / 460	
	Rated Sound Level	Turbo / H / M / L	dB(A)	41 / 39 / 36 / 33	48 / 43 / 39 / 34	49 / 45 / 39 / 36	
	Unit Dimension	W / H / D	mm	815 / 270 / 215	914 / 315 / 238	1085 / 315 / 236	
	Packing Dimension	W / H / D	mm	870 / 335 / 265	1,000 / 390 / 315	1,170 / 390 / 315	
	Net / Gross Weight			kg	8.5 / 10.5	12.5 / 14.5	14.5 / 17
	Coil	Number of row			2	2	2
		Fin per inch			18	18	18
		Fin material			hydrophilic aluminium	hydrophilic aluminium	hydrophilic aluminium
		Tube Diameter	mm		7	7	7
	Fan	Type			cross-flow	cross-flow	cross-flow
Type			AC	AC	AC		
Fan Motor	Speed (Turbo / H / M / L)	rpm		1,200 / 1,100 / 950 / 800	1,250 / 1,100 / 950 / 850	1,300 / 1,165 / 1,017 / 902	
	Dimension (W x H)	mm		303 x 350	340 x 384	409 x 384	
Air Filter	Quantity			2	2	2	
	Material			PP	PP	PP	
Rated Sound Level			dB(A)	54	56	56	
Unit Dimension	W / H / D	mm		780 x 540 x 260	860 x 667 x 310	860 x 667 x 310	
Packing Dimension	W / H / D	mm		910 x 600 x 360	995 x 720 x 420	995 x 720 x 420	
Net / Gross Weight			kg	30 / 33	43 / 47	50 / 54	
Outdoor Unit	Coil	Number of row			1	1.5	2
		Fin per inch			16	18	16
		Fin material			hydrophilic aluminium	hydrophilic aluminium	hydrophilic aluminium
		Tube Diameter	mm		7	7	7
	Fan	Type			copper	Copper	copper
		Type			propeller	propeller	propeller
	Fan Motor	Type			AC	AC	AC
		Speed	rpm		880	830	870
	Compressor	Type			Rotary	Rotary	Rotary
		Refrigerant oil			HAF68D1U or equivalent	HAF68D1 or equivalent	HAF68D1 or equivalent
Connecting Pipe	Oil Amount	ml		350	480	570	
	Liquid side	mm		6.35 mm (1/4in)	6.35 mm (1/4in)	6.35 mm (1/4in)	
	Gas side	mm		12.7 mm (1/2in)	12.7 mm (1/2in)	15.88 mm (5/8in)	
	Max. length	m		15	25	25	
	Max. Height	m		5	15	15	
Refrigerant	Type			R410a	R410a	R410a	
	Factory Pre Charge	g		750	1,350	1,650	
Operation Control				Wireless Remote	Wireless Remote	Wireless Remote	
Indoor Operation temperature range			°C	16 ~ 30	16 ~ 30	16 ~ 30	
Outdoor Ambient temperature range	cooling		°C	21 ~ 55	21 ~ 55	21 ~ 55	
Outdoor Ambient temperature range	heating		°C	-7 ~ 24	-7 ~ 24	-7 ~ 24	
Loading Capacity 20GP / 40FT / 40'HC			SET	90 / 197 / 248	68 / 127 / 160	62 / 121 / 129	

Notes:

- All design and specification are subject to change by the manufacturer without prior notice.
- Nominal testing conditions: Cooling - Indoor 80.6°F DB / 66.2°F WB (27°C DB / 19°C WB) & Outdoor 95°F DB / 75.2°F WB (35°C DB / 24°C WB)
- Nominal testing conditions: Heating - Indoor 68°F DB / 59°F WB (20°C DB / 15°C WB) & Outdoor 44.6°F DB / 42.8°F WB (7°C DB / 6°C WB)



Hitachi Air Conditioning MEA

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