

Split Floor-Ceiling / Ceiling



The most versatile
of climate control systems

INVERTER

air conditioning

FUJITSU

the silence

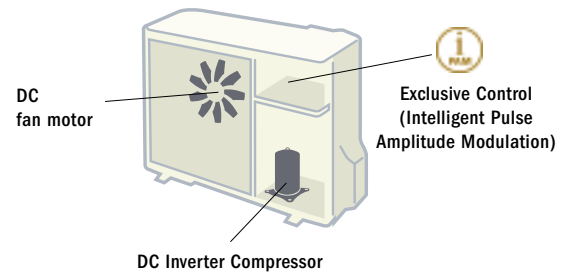
Fujitsu DC Inverter Technology

100% Comfort, 0% Noise

With Fujitsu DC Inverter climate control systems, you can enjoy maximum comfort throughout the house. Discover all the advantages.

1 Totally silent

When Fujitsu DC Inverter systems reach the temperature you want, the compressor and fan slow down thus **reducing the sound enormously**. In addition, all fan parts and materials used are designed for maximum quietness.

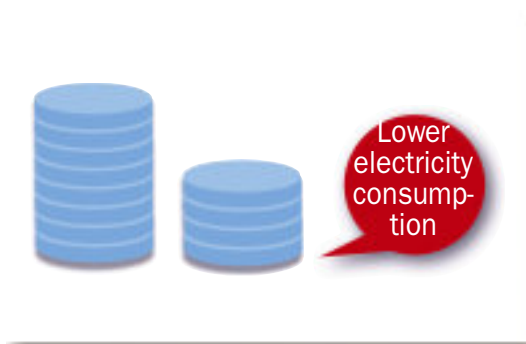


2 Less time required to reach the desired temperature

The range of Fujitsu Inverter climate control systems equipped with DC Inverter I-PAM **Technology enable the selected temperature to be reached 30% faster** than any conventional system and with total precision, with a differential minimum temperature of just +/- 0.5° C.

3 A pleasant environment indoors at all times.

The temperature and air speed are continuously controlled via precise sensors. **This avoids sudden variations in temperature and uncomfortable drafts.**



4 Lower electricity consumption

Once the desired temperature is reached, the compressor operates at the minimum number of revolutions, considerably below its nominal power. This significantly **reduces electricity consumption**.

5 Maximum heating capacity

Fujitsu DC Inverter climate control systems offer more than **60% heating capacity** than conventional models and can operate in temperature conditions as low as -15° C.

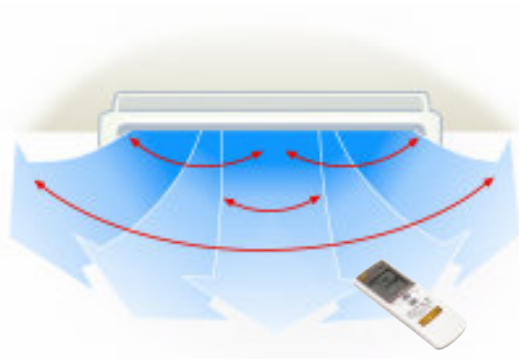
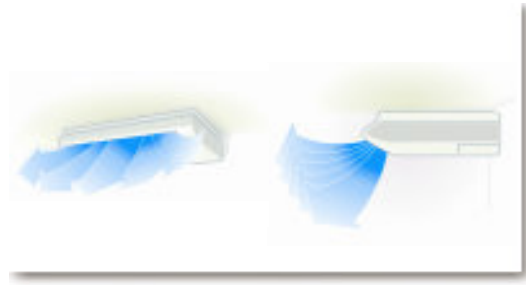




Fujitsu Floor-Ceiling systems offer a wide range of installation choices, meaning that they can be located very discreetly. In addition, thanks to their powerful air-flow, they offer maximum room climate capability.

On the floor or ceiling.

The ABY50Ui and ABY71Ui models can be **discreetly installed in the ceiling or floor**, due to their L-shaped cover, which enables the collection of condensed water in any position. Similarly, their fixing system is **designed to support the unit in both positions**.



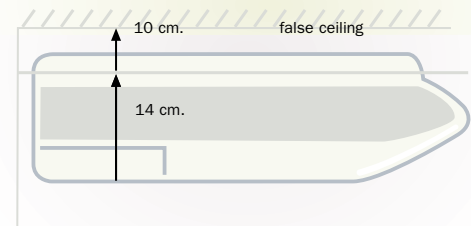
Remote controller

Direct the flow of air

Using the same remote control unit, **the direction of the air output and fan operation can be selected**, enabling either horizontal or vertical sweeping action. In parallel, the double deflection slat system uniformly **distributes the air stream so that it avoids the uncomfortable effects of direct blasts of air**.

Semi-fitted

The ceiling units (ABY80/100/125Ui) can be **can be partially fitted into a 15cm ceiling cavity**, leaving **only 14cm of the unit exposed**. Similarly, the profile of the interior unit is designed to fit into a false plaster ceiling.

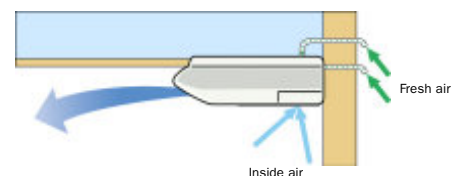


All controlled with one single remote hand unit

Ergonomic and very easy to use, the remote control enables comfortable control of all functions.

Refreshed air

By connecting an upper or rear duct, **fresh air can be brought in from outside**, making it ideal for premises where many people gather.



Sleep and NMT functions: save energy and enjoy an environment that is always as you want it

The Sleep function **adjusts the living area temperature to the needs of the human body**, thus providing a **significant energy saving**. On the other hand, the NMT (Nice Morning Timer) function **calculates the start time of the system** so that the space is always **at the right temperature that you have selected**.



ABY50 / 71Ui



ABY80 / 100 / 125Ui

Technical specifications

MODEL			ABY50Ui	ABY71Ui	ABY80Ui	ABY100Ui	ABY125Ui
Cooling Capacity		kcal/h	4472 (1720-5074)	5590 (1720-6880)	7310 (2150-8600)	8600 (2580-9632)	10750 (3010-12040)
		W	5200 (2000-5900)	6500 (2000-8000)	8500 (2500-10000)	10000 (3000-11200)	12500 (3500-14000)
Heating capacity		kcal/h	5332 (1720-6450)	5850 (1720-7740)	8600 (2322-9632)	9288 (2838-10922)	12040 (3440-13760)
		W	6200 (2000-7500)	6800 (2000-9000)	10000 (2700-11200)	10800 (3300-12700)	14000 (4000-16000)
Energy Efficiency Ratio (E.E.R.)	Cooling		3,06	3,02	2,83	2,43	2,81
	Heating		3,26	3,42	3,45	3,31	3,29
Power supply		V/n°/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Power consumption (Cooling/Heating)		kW	1,70/1,90	2,15/1,99	3,0/2,90	4,12/3,26	4,45/4,25
Noise level indoor unit	High	db (A)	44	50	45	48	50
	Medium	db (A)	40	46	42	45	47
	SuperQuiet	db (A)	-	-	37	40	43
	Low	db (A)	36	42	37	40	43
Noise level outdoor unit		db (A)	50	53	53	54	54
Dimensions indoor unit	Width	mm	990	990	1660	1660	1660
	Deep	mm	655/199	655/199	700	700	700
	Height	mm	199/655	199/655	240	240	240
Dimensions outdoor unit	Width	mm	830	900	900	900	900
	Deep	mm	320	350	330	330	330
	Height	mm	650	900	830	830	1290
Net weight	Indoor unit	kg	28	28	48	48	48
	Outdoor unit	kg	54	70	70	70	105
Operating range	Cooling	°C	0/ +43	0 / +43	-10 / +43	-10 / +43	-15 / +43
	Heating	°C	-15/ +24	-15/ +24	-15/ +24	-15/ +24	-15/ +24



Dehumidifier



Double Swing



Automatic adjustment of the slats



Automatic opening and closing of the slats



Automatic adjustment of the airflow



Automatic restart



Automatic Cold/Hot Change



Automatic Sleep Disconnection



Combined ON-OFF programming schedule



Air duct positions (ABY80/100/125/Ui)

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