

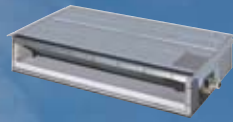
Daikin Split Systems



ARC



FTXS/CTXS



FDXS



RXS/2MXS/4MXS

Ducted and Duct-Free Solutions for
all your Construction Needs

R-410A
INVERTER

6 YEARS WARRANTY
Parts | Compressor | Labor

DAIKIN AC[®]
absolute comfort

The Daikin Difference

- With passion and precision, Daikin is redefining how the world thinks about **air conditioning**.
- **Daikin Split Systems** are a perfect fit for residential applications and are also used extensively in schools, universities, hospitals, nursing homes, hotels, office buildings, data rooms or churches and a multitude of other light commercial applications.
- **Performance worldwide.** Daikin has sold millions of systems in more than 45 countries, with the average system consistently up and running nearly 20 years after installation.
- **The reliability** of a single supplier. Recognized by technicians and customers worldwide for its outstanding service and support.
- **Revolutionary technology** for precise temperature control that constantly readjusts itself to the environment and changing occupancy.
- All Daikin AC systems employ **inverter “variable speed” compressors** and **non-ozone depletion potential R-410A refrigerant***, also optimizing energy conservation.
- **Advanced Multi-Split Systems** allowing up to 115 possible combinations with ducted or duct-free fan coils.
- **Absolute Comfort™** — now available at every stage. Along with their technological and aesthetic sophistication, Daikin systems are backed by one of the best warranties in the industry.

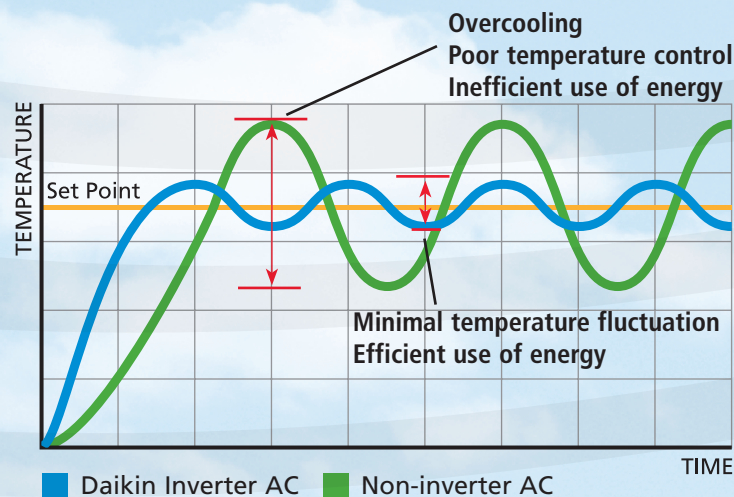
The Smart Choice

Intelligent to the Core

Daikin develops and optimizes every component within our unique system, making sure each element works flawlessly with the next. Optimal performance is delivered from the time a project begins to the moment of experiencing Absolute Comfort. We use the most up-to-date technology to build products that not only elevate the level of high performance but are equipped with advanced built-in intelligence and flexibility.

What is it?

- Inverter technology can be compared to the technology in a car: “The harder you push the accelerator, the faster you go.”
- An inverter unit will gradually increase the compressor speed based on the capacity needed to cool down or heat up the room.
- A system without inverter technology can be compared to turning on or off a lamp. Turning on this type of unit will start to run on full load.



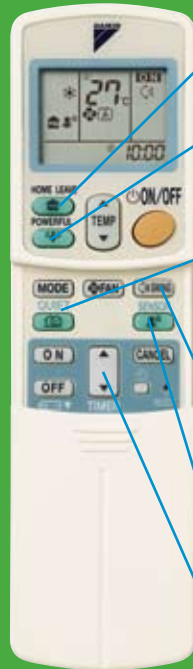
Advantages of the inverter technology

- The system operates at the required capacity, delivering the amount of cooling or heating to maintain the desired comfort condition.
- Start-up time is reduced by one-third (compared to normal on/off units).
- Avoids cycling operation of the compressor, thus reduced costly current (amp) peaks.
- Minimizes temperature fluctuations.
- Reduces the energy consumption by one-third (compared to normal on/off units).

Comfort Within Your Reach



Daikin systems are so advanced, they're simple to use. Here are just a few of the innovative features you can access at the touch of a button.



Home-Leave Operation:

Keeps the room from becoming too hot or too cold, even when you're not there.



Powerful:

If the room temperature is too high/low, it can be cooled down/heated quickly by selecting the 'powerful mode'. After the powerful mode is turned off, the unit returns to the preset mode.



Outdoor unit quiet operation:

Lowers the operation sound of the outdoor unit to ensure a quiet environment for the neighborhood.



Vertical auto swing:

Possibility to select automatic vertical moving of the air discharge louvre, for uniform air flow and temperature distribution.



Intelligent Eye:

Pioneered by Daikin, it senses human movement — and saves energy when there's nobody around.

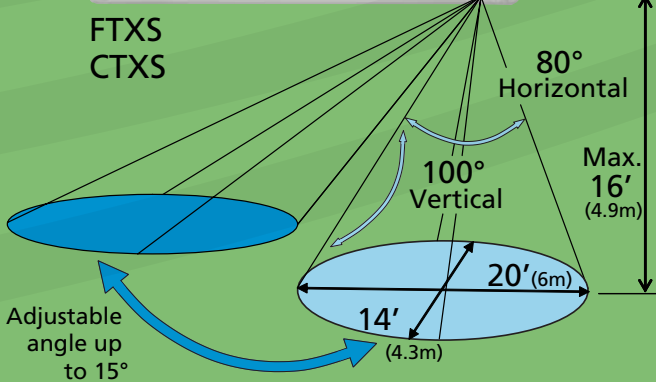


24 hour timer

Timer can be set to start cooling/heating anytime during a 24-hours period.



Intelligent Eye



The Intelligent Eye is an infrared sensor with the ability to sense human movement in a room. When you are in the room, the air conditioner operates normally. If you leave the room for more than 20 minutes, the air conditioner automatically sets back the temperature by 3°F to reduce power consumption up to 20% in cooling mode and 30% in heating mode.



No grills to clean.

Ever hear of an air conditioner *improving* a room? Daikin's sleek and stylish wall-mounted flat-panel design adds grace and elegance to any setting. And by removing the grooves from the front panel, we've made cleaning easier than ever. Most of our flat-panel models can be wiped clean with a single pass of a cloth.



Sounds friendly too.

Just as the right temperature is important to being comfortable, so is a quiet-running unit. Our systems are designed to run softly, not only indoors but outdoors so even the neighborhood remains comfortable. Some of our units are equipped with functions that allow them to run at levels as low as 25dB(A).

Filtration.

Our air conditioners produce clean, healthy air. All indoor units are equipped with filters that take dust, pollen, smoke, etc. from the air. According to the needs of the customer the level of filtration can be increased. Filtration is critical for persons with allergies.

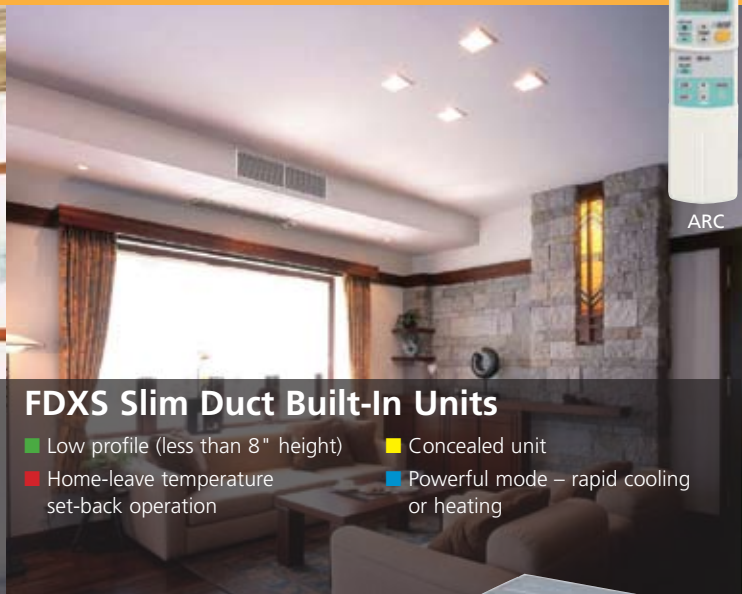


Single Split Systems



FTXS Wall Mounted Units

- Movement sensor automatically saves power consumption in unoccupied rooms
- Flat panel design easy to clean
- Air purification filter with photocatalytic deodorizing function
- Powerful mode can be selected for rapid cooling and/or heating



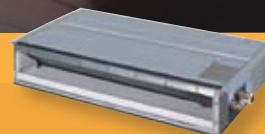
FDXS Slim Duct Built-In Units

- Low profile (less than 8" height)
- Home-leave temperature set-back operation
- Concealed unit
- Powerful mode – rapid cooling or heating



ARC

Single Zone Inverter Heat Pump



Indoor Units

Wall Mounted Units

Slim Duct Built-In

Model		FTXS09DVJU	FTXS12DVJU	FTXS15DVJU	FTXS18DVJU	FTXS24DVJU	FDXS09DVJU	FDXS09DVJU
Cooling Capacity Min. - Nom. - Max.	Btu/h	4,400/8,500/9,500	4,800/11,500/12,000	3,200/15,000/15,000	3,200/18,000/18,000	3,200/22,000/22,000	4,400/8,500/8,500	4,800/11,500/11,500
Heating Capacity Min. - Nom. - Max.	Btu/h	4,400/10,000/11,000	4,800/11,500/13,000	3,200/18,000/21,200	3,200/21,600/24,000	3,200/24,000/25,400	4,400/10,000/10,000	4,800/11,500/11,500
Moisture Removal	Pt/h	2.3	3.2	3.4	4.3	6.3	2.5	4
Airflow - Dry	cfm H/M/L	253/220/187	286/237/187	515/459/402	609/529/448	586/532/477	3054/280-260	3054/280-260
Sound Pressure - Cooling	dB(A) H/M/L	38/32/25	40/33/26	45/41/36	45/41/36	46/42/37	35/33/31	35/33/31
Sound Pressure - Heating	dB(A) H/M/L	38/33/28	39/34/29	44/40/35	44/40/35	46/42/37	35/33/31	35/33/31
Dimensions (H x W x D)	in.	← 10 3/4 x 30 7/8 x 7 11/16 →			← 11 7/16 x 41 5/16 x 9 3/8 →		← 7 7/8 x 27 9/16 x 24 7/16 →	
Weight	lbs.	16.6	16.6	26.5	26.5	26.5	47	47
Piping Connections	Liquid	1/4	1/4	1/4	1/4	1/4	1/4	1/4
	Gas	3/8	3/8	1/2	1/2	5/8	3/8	3/8
	Condensate	1 1/16	1 1/16	1 1/16	1 1/16	1 1/16	1-1/32	1-1/32

Outdoor Units



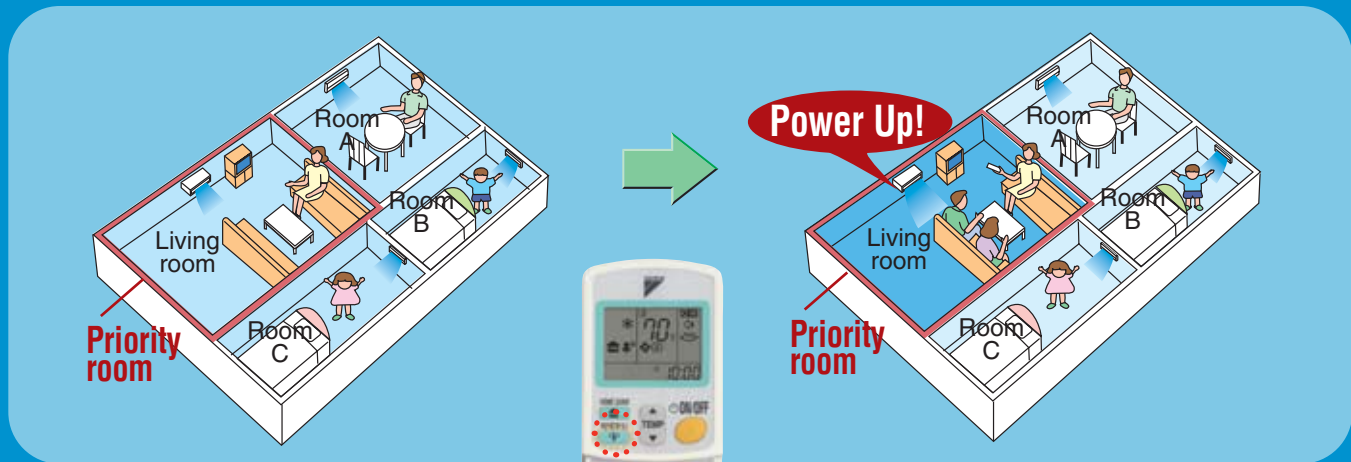
RXS

Model		RXS09DVJU	RXS12DVJU	RXS15DVJU	RXS18DVJU	RXS24DVJU
Capacity	Btu/h	9,000	12,000	15,000	18,000	24,000
Casing Color		Ivory White	Ivory White	Ivory White	Ivory White	Ivory White
Power Source		1ph 208/230V 60Hz	1ph 208/230V 60Hz	1ph 208/230V 60Hz	1ph 208/230V 60Hz	1ph 208/230V 60Hz
Max. Fuse Size	Amps	15	15	20	20	20
Compressor Type		← Hermetically sealed swing type compressor →				
Compressor Motor Output	W	600	600	1,500	1,500	1,900
Energy Efficiency (with FTXS models) SEER		16.0	16.0	17.0	16.3	15.0
Energy Efficiency (with FTXS models) HSPF		8.8	8.8	10.1	9.1	9.2
Energy Efficiency (with FDXS models) SEER		13	13	NA	NA	NA
Energy Efficiency (with FDXS models) HSPF		7.7	7.7	NA	NA	NA
Power Consumption-Cooling	W	770	1,290	1,230	1,590	2,360
Power Consumption-Heating	W	1,070	1,000	1,570	2,000	2,590
Operating Current-Cooling	A	4.13	5.51	5.44	6.97	10.3
Operating Current-Heating	A	4.98	4.73	6.88	8.71	11.3
Sound Pressure Level (cooling/heating) dB(A)		48/49	49/51	51/51	51/51	54/54
Dimensions (in.)	H x W x D	← 21 5/8 x 30 1/8 x 11 1/4 →		← 28 15/16 x 32 1/2 x 11 13/16 →		
Weight	lbs.	74	79	117	117	121
Operating Range-Cooling	°F	14-115	14-115	14-115	14-115	14-115
Operating Range-Cooling (with optional wind baffle)	°F	0-115	0-115	0-115	0-115	0-115
Operating Range-Heating	°F	0-64	0-64	0-64	0-64	0-64
Refrigerant Charge	lbs.	1.76	2.2	3.75	3.75	3.75
Max. Piping Length	ft.	66	66	98	98	98
Piping Length (no add'l refrigerant)	ft.	33	33	33	33	33
Max. Height Difference	ft.	49	49	66	66	66
Refrigerant		R-410A	R-410A	R-410A	R-410A	R-410A

Multi-Split Systems

Priority setting with Inverter Powerful Operation

- When Inverter Powerful Operation is selected in the priority room, the indoor unit capacity in the priority room is increased by shifting capacity from units in other rooms. After 20 minutes, all units automatically return to their original settings.



- **Priority setting with Outdoor Unit Quiet Operation.** Priority-Room Setting also allows Outdoor Unit Operation to be selected by one command* from the priority room.

* If Priority-Room Setting has not been set, the Outdoor Unit Quiet Operation button must be pushed on the wireless remote controller of all indoor units operating at that time.

Savings on Every Level

A Daikin Multi-Split System can serve from two to four rooms using only one outdoor unit, and allows individual control of the air conditioning in each room.

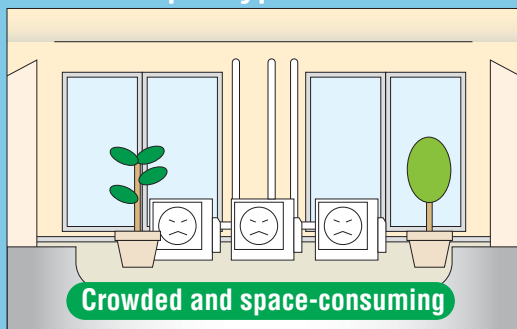
On top of the savings generated from the flexibility of Daikin's Multi-Split systems, further cost reductions are achieved from the energy efficient benefits of Daikin's Inverter Technology offering outstanding energy efficiency with SEER ratings up to 19.5.

Reduced Installation Space

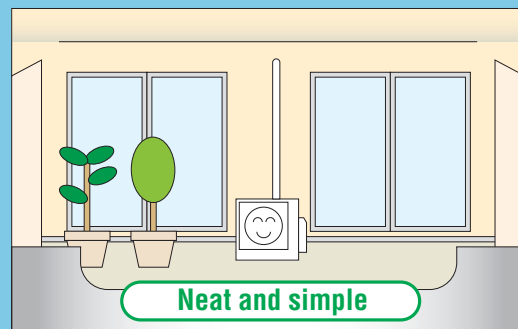
Daikin's range of multi-split systems is ideal for installations where space for outdoor units is limited.

Reduced installation space keeps your home exterior beautiful, by connecting up to four indoor units to one outdoor unit.

For three split-type units



Three outdoor units



One outdoor unit

Indoor Units — Slim Duct Built-In Units

Model	FDXS09DVJU	FDXS12DVJU
Refrigerant	R-410A	R-410A
Rated Capacity* (Btu/h)	nom. 9kBtu/h Class	12kBtu/h Class
Moisture Removal	Pt/h 2.5	4
Airflow-Dry and Wet (cfm)	H/M/L 305-280-260	305-280-260
Sound Pressure-Cooling dB(A)	H/M/L 35/33/31	35/33/31
Sound Pressure-Heating dB(A)	H/M/L 35/33/31	35/33/31
Condensate Drain Connection (in.)	O.D. 1-1/32	1-1/32
Dimensions (in.)	H x W x D	← 7 7/8 x 27 9/16 x 24 7/16 →
Weight (lbs.)	47	47
Wireless Remote Controller (standard)	ARC433A63	ARC433A63

Energy efficiency
up to SEER 19.5
and HSPF 9.6



Indoor Units — Wall Mounted Units

Model	CTXS09GVJU	CTXS12GVJU	FTXS15DVJU	FTXS18DVJU
	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating
Refrigerant	R-410A	R-410A	R-410A	R-410A
Front Panel Color	Off-White	Off-White	Off-White	Off-White
Rated Capacity*	9kBtu/h Class	12kBtu/h Class	15kBtu/h Class	18kBtu/h Class
Moisture Removal (Pt/h)	n/a	n/a	3.4	4.3
Airflow-Cooling (cfm)	H/M/L 388/335/283 400/357/314	388/335/283 400/357/314	519/436/353 515/459/402	549/476/402 609/529/448
Sound Pressure-Cooling dB(A)	H/M/L 44/40/35 44/39/34	45/41/36 45/40/35	45/41/36 44/40/35	45/41/36 44/40/35
Condensate Drain Connection (in.)	O.D. 11/16	11/16	11/16	11/16
Dimensions (in.)	H x W x D	← 11-7/16x31-5/16x9-3/8 →	← 11-7/16x41-5/16x9-3/8 →	
Weight (lbs.)	29	29	38	38
Wireless Remote Controller (standard)	ARC433A53	ARC433A53	ARC433A53	ARC433A53

Outdoor Units

Model		2MXS18GVJU	4MXS32GVJU
Capacity*		18,000 Btu class	32,000 Btu class
Casing Color		Ivory White	Ivory White
Power Source		1ph 208-230V 60Hz	1ph 208-230V 60Hz
Max. Fuse Size	Amps	20	20
Starting Current (208/230V)	Amps	9.1/8.3	15.3/13.8
Compressor Type		Hermetically Sealed Swing Type	Hermetically Sealed Swing Type
Compressor Motor Output	W	1,380	1,920
Power Consumption-Cooling	W	← Refer to combinations table in the Engineering Data book. →	
Power Consumption-Heating	W	← Refer to combinations table in the Engineering Data book. →	
Operating Current-Heating	A	← Refer to combinations table in the Engineering Data book. →	
Operating Current-Heating	A	← Refer to combinations table in the Engineering Data book. →	
Sound Pressure Level (Cooling/Heating)	dB(A)	50/51	52/54
Dimensions	H X W X D	28-15/16X32-1/2X11-13/16	30-5/16X35-7/16X12-5/8
Weight	lbs.	139	168
Operating Range-Cooling (outdoor-db)	°F	14-115	14-115
Operating Range-Heating (outdoor-db)	°F	5-60	5-60
Pipe Connections-Liquid (flare type)	in.	1/4x2	1/4x4
Pipe Connections-Gas (flare type)	in.	3/8x2	3/8x1, 1/2x1, 5/8x2
Refrigerant	Type	R-410A	R-410A
Refrigerant Charge	lbs.	5.73	6.83
Max. Piping Length	ft.	164 (for Total of Each Room) 82 (for One Room)	230 (for Total of Each Room) 82 (for One Room)
Piping Length (no add'l refrigerant)	ft.	98.4	131.6
Amount of Additional Charge	oz/ft	0.22	0.22
Max. Installation Height Difference ft. (btwn Indoor Unit & Outdoor Unit)		49.2	49.2
	ft. (btwn Indoor Units)	24.6	24.6



WARNINGS

- Always use a licensed installer or contractor to install this product. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a licensed contractor to install those parts and accessories. Use of unauthorized parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the User's Manual carefully before using this product. The User's Manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

For any inquiries, contact your local Daikin sales office.

Deluxair
Division of Emco Corporation



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The air conditioners manufactured by Daikin Industries have received ISO 9000 series certification for quality assurance.

Certificate Numbers:
(ISO9001) JMI-0107 (ISO9002)JQA-1452
JQA-1452



All Daikin Industries locations and subsidiaries in Japan have received environmental management system standard ISO14001 certification.

Daikin Industries, Ltd.
Domestic Group
Certificate Number: EC99J2044

About ISO 14001

ISO 14001 is the standard defined by the International Organization for Standardization (ISO) relating to environmental management systems. Our group has been acknowledged by an internationally accredited compliance organization as having an appropriate program of environmental protection procedures and activities to meet the requirements of ISO 14001.

Daikin's products are subject to continuous improvements. Daikin reserves the right to modify product design, specifications and information in this brochure without notice and without incurring any obligations.

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DAIKIN AC
absolute comfort