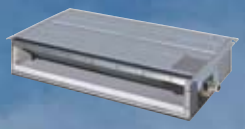
Daikin Split Systems

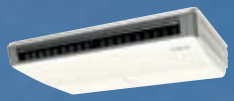

ARC


FTXS/CTXS


FDXS


RX/RXS/2MXS/4MXS


FCQ


FHQ


RZQ


BRC1D71

Ducted and Duct-Free Solutions for all your Construction Needs

R-410A
INVERTER

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 appplications.

- **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.

R-410A

*The ozone depletion potential (ODP) of zero for R-410A is lower than the ODP of 0.05 for R-22.

A Powerful Product Portfolio

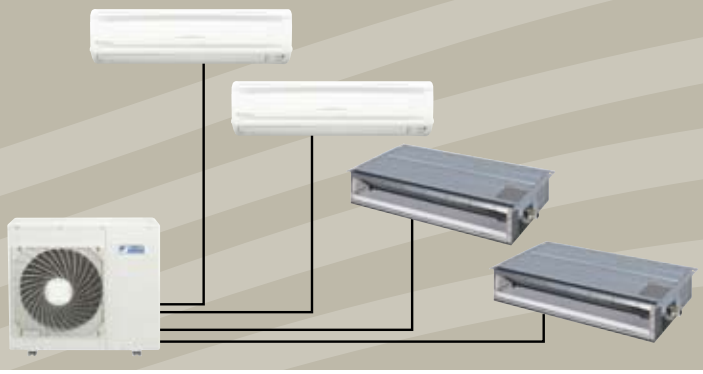
Single Split

BTU/H	9,000	12,000	15,000	18,000	24,000	Standard Limited Warranty
Wall Mounted Units Standard Efficiency	FTXS09 RX09 SEER 13/HSPF 7.7	FTXS12 RX12 SEER 13/HSPF 7.7	FTXS15 RX15 SEER 13/HSPF 7.7	FTXS18 RX18 SEER 13/HSPF 7.7	FTXS24 RX24 SEER 13/HSPF 7.7	Limited Labor: 0 year Parts: 2 years Compressor: 6 years
Wall Mounted Units High Efficiency	FTXS09 RXS09 SEER 16/HSPF 8.8	FTXS12 RXS12 SEER 16/HSPF 8.8	FTXS15 RXS15 SEER 17/HSPF 10.1	FTXS18 RXS18 SEER 16.3/HSPF 9.1	FTXS24 RXS24 SEER 15/HSPF 9.2	Limited Labor: 1 year Parts: 5 years Compressor: 7 years
Slim Duct Built-in Standard Efficiency	FDXS09 RXS09 SEER 13/HSPF 7.7	FDXS12 RXS12 SEER 13/HSPF 7.7				Limited Labor: 1 year Parts: 5 years Compressor: 7 years

Multi Split

	9,000	12,000	15,000	18,000	Standard Limited Warranty
2:1 System 2MXS18GVJU	CTXS09				Limited Labor: 1 year Parts: 5 years Compressor: 7 years
	FDXS09				
Up to 4:1 System 4MXS32GVJU	CTXS09	CTXS12	FTXS15	FTXS18	
	FDXS09	FDXS12			

For each Single Split and Multi-Split Indoor unit, a wireless remote controller (type ARC433) is supplied as standard



- Connect between 2 and 4 indoor units to 1 outdoor unit
- Mix ducted and duct-free fan coil units on the same system

SkyAir Systems

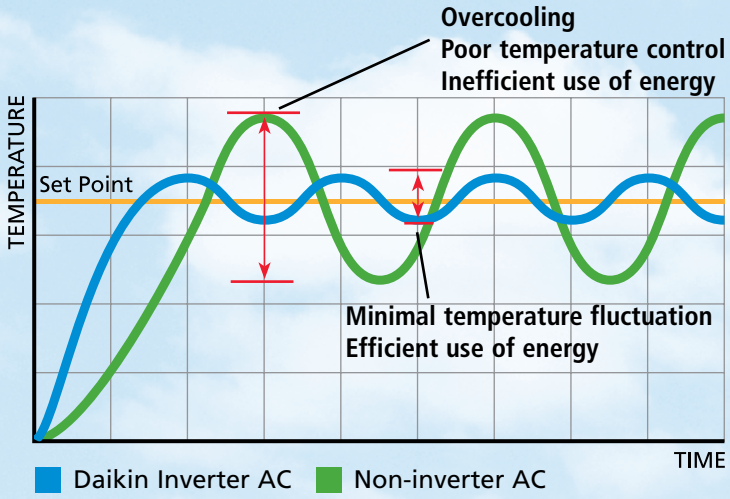
BTU/H	24,000	30,000	36,000	42,000	Standard Limited Warranty
4-way ceiling mounted cassette unit SEER 13 HSPF 7.7	FCQ24MVJU	FCQ30MVJU	FCQ36MVJU	FCQ42MVJU	Limited Labor: 1 year Parts: 1 year Compressor: 6 years
Ceiling suspended unit SEER 13 HSPF 7.7	FHQ24MVJU	FHQ30MVJU	FHQ36MVJU	FHQ42MVJU	
Outdoor unit	RZQ24MVJU	RZQ30MVJU	RZQ36MVJU	RZQ42MVJU	

Standard 7-Day Programmable Controller

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.

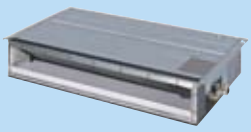
Advantages of the inverter technology

- 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).

The Comfort of Choice

A wide range of indoor units allows for flexible installation. There is always a solution to fit any space, anytime.

FTXS/CTXS



FDXS

FCQ

FHQ

Smart installation

Instead of noisy compressors and large ductwork, Daikin uses a small, easily hidden outdoor unit and an easily connected pair of cooling lines. These lines open into a small three-inch opening through a wall or ceiling, connecting to an indoor unit.

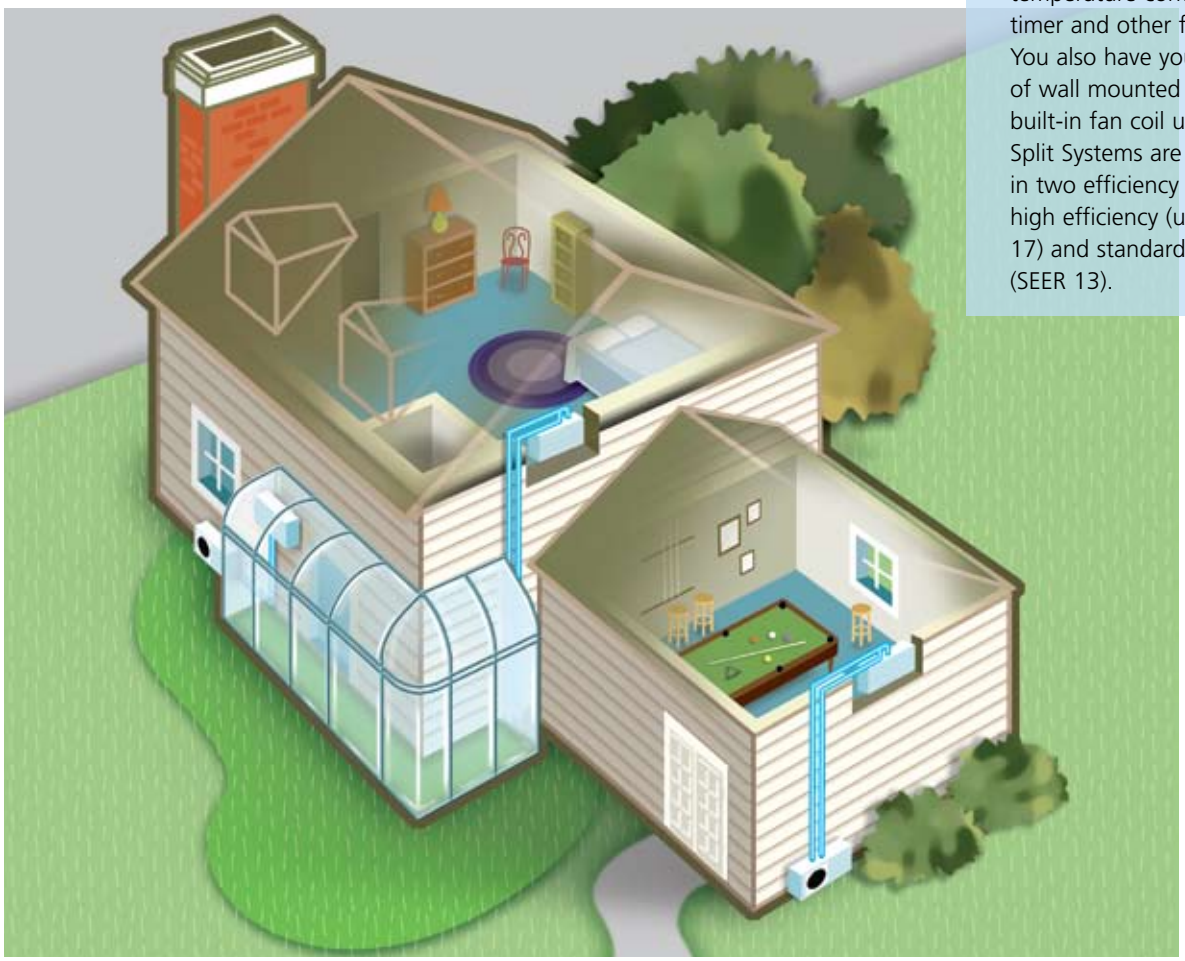
Long piping run

The piping length varies according to the models. The maximum single longest line is 230 ft. for a maximum height difference of 164 ft.

The Luxury of Choice.

Whether planning an add-on or new construction, Daikin Single Split Systems will keep you comfortable. Wireless remote controllers are standard on all of our models and include temperature control, a timer and other functions. You also have your choice of wall mounted or slim built-in fan coil units. Single Split Systems are available in two efficiency ratings: high efficiency (up to SEER 17) and standard efficiency (SEER 13).

Single Split Systems



Multi-Split Systems

Daikin's new generation 2-port and 4-port Multi-Split Systems are able to serve 2, 3 or 4 zones (rooms) from one of 115 possible combinations. Choices include: all wall mount units, all slim duct units or a combination of both. With energy efficiency up to SEER 19.5 and HSPF 9.5, these systems will enhance the comfort of any home and also be easier on the electric bills.

Comfort Within Your Reach

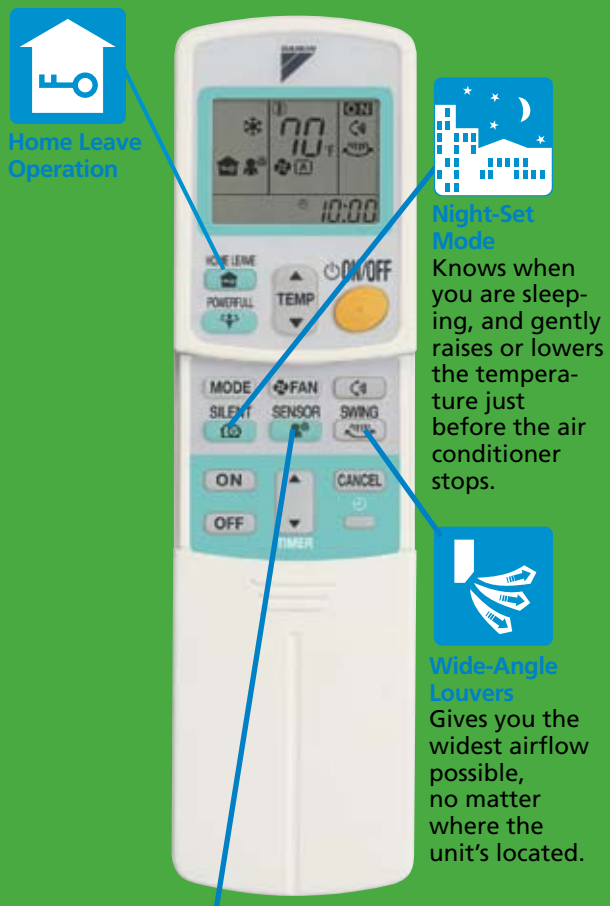
Home Leave Operation

With the FTXS/CTXS systems, you have the ability to record a favorite set temperature and air flow rate. The best part is retrieving them by a simple push of the HOME LEAVE button on your remote controller.

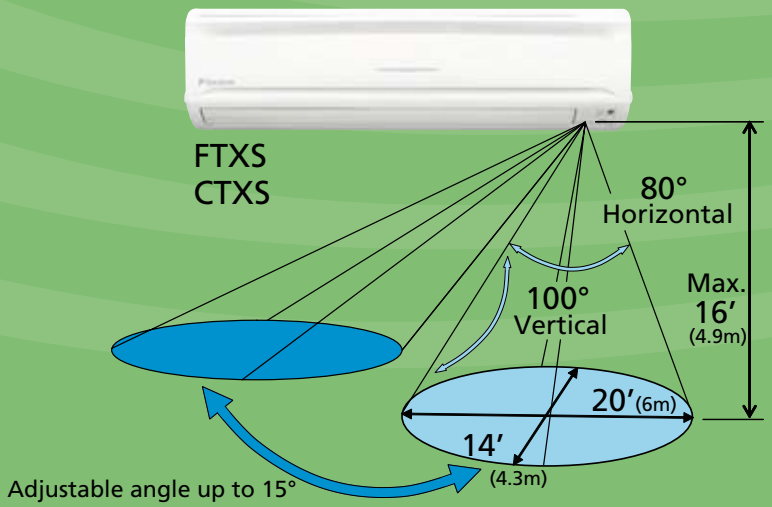
Another great advantage of this feature is its energy-savings mode. When sleeping or out of the house, speed can be set to its lowest setting, or set the temperature 3-5°F higher (cooling) or lower (heating) than normal.

Every day before leaving the house or going to bed...

1. Push the "HOME LEAVE" button and the air conditioner will adjust capacity to reach the selected preset temperature.
2. When you return or wake up, you will be welcomed by a comfortably air conditioned room.
3. Push the "HOME LEAVE" button to retrieve the initial setting.



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.

Priority Room Setting (for Multi-Split systems only)

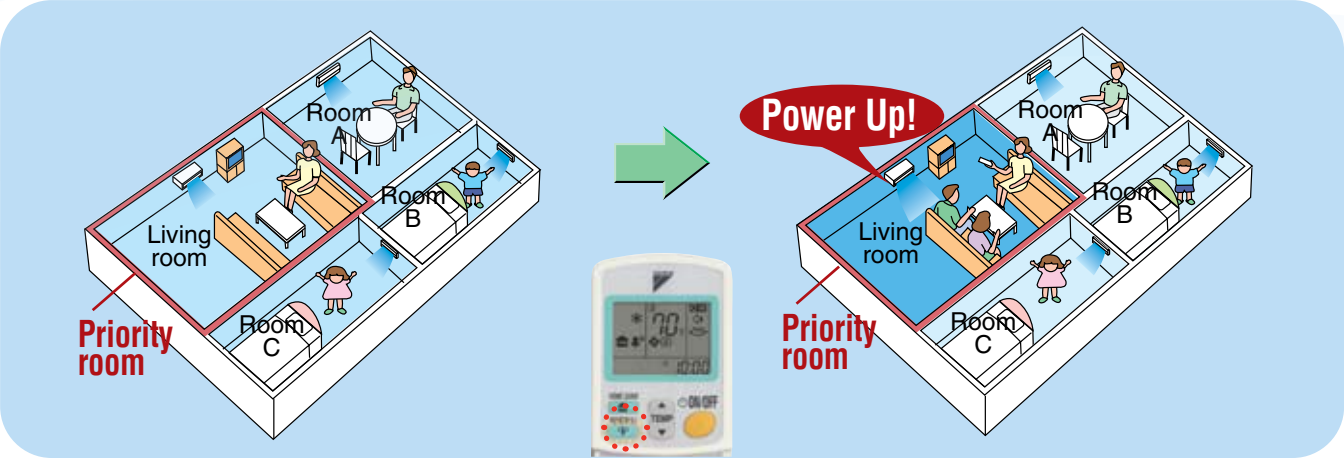
The indoor unit for which Priority Room Setting is applied takes priority in the following cases:

- **Operation Mode Priority**. The operation mode of the indoor unit which is set for priority room setting takes priority. The user can select a different operation mode from other rooms. However, these units enter standby mode until the priority room unit stops operating.
- **Priority during powerful operation.** If the indoor unit which is set for Priority Room Setting is operating at powerful mode, the capabilities of other indoor units will be somewhat reduced. Power supply gives priority to the indoor unit which is set for Priority Room Setting.
- **Quiet operation priority.** Setting the indoor unit to quiet operation will make the outdoor unit run quietly.

NOTE: To use Priority Room Setting, initial settings must be made when the unit is installed. Setting it in the guest or living room is convenient.

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.*

Single Split Systems

Wall Mounted Indoor Units

Controllers (Options)	
Central Remote Controller	DCS302C71
Unified On/Off Controller	DCS301C71
Schedule Timer	DST301BA61
Interface Adaptor for DIII-NET use	KRP928B2S

FTXS/CTXS Wall-Mounted Units

- Movement sensor automatically saves power consumption in unoccupied rooms
- Long piping length
- Set back operation
- Flat panel design is easy to clean
- Low ambient operation
- Air purification filter with photocatalytic deodorizing function
- Powerful mode can be selected for rapid cooling and/or heating

ARC

FTXS/CTXS

Indoor Units — Wall Mounted Units

Model		FTXS09DVJU	FTXS12DVJU	FTXS15DVJU	FTXS18DVJU	FTXS24DVJU
Refrigerant		R-410A	R-410A	R-410A	R-410A	R-410A
Front Panel Color		Off-White	Off-White	Off-White	Off-White	Off-White
Cooling Capacity (Btu/h)	nom.	8,500	11,500	15,000	18,000	22,000
Heating Capacity (Btu/h)	nom.	10,000	11,500	18,000	21,600	24,000
Moisture Removal	Pt/h	2.3	3.2	3.4	4.3	6.3
Airflow-Wet (cfm)	H/M/L	246-197-148	242-195-148	519-436-353	549-476-402	536-473-409
Airflow-Dry (cfm)	H/M/L	253-220-187	286-237-187	515-459-402	609-529-448	586-532-477
Sound Pressure-Cooling dB(A)	H/M/L	38/32/25	40/33/26	45/41/36	45/41/36	46/42/37
Sound Pressure-Heating dB(A)	H/M/L	38/33/28	39/34/29	44/40/35	44/40/35	46/42/37
Condensate Drain Connection (in.)	O.D.	11/16	11/16	11/16	11/16	11/16
Dimensions (in.)	H x W x D	← 10 3/4 x 30 7/8 x 7 11/16 →		←	11 7/16 x 41 5/16 x 9 3/8	→
Weight (lbs.)		16.6	16.6	26.5	26.5	26.5
Wireless Remote Controller (standard)		ARC433A51	ARC433A51	ARC433A53	ARC433A53	ARC433A53

Outdoor Units

RX/RXS

- Outdoor unit with sound set back
- R-410A precharged for piping length up to 33 ft.
- Reliable and unique Daikin Swing Compressor
- Compact and lightweight design

Outdoor Units - Standard Efficiency

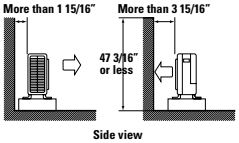
Model		RX09FVJU	RX12FVJU	RX15FVJU	RX18FVJU	RX24FVJU
Capacity	Btu/h	9,000	12,000	15,000	18,000	24,000
Casing Color		Ivory White	Ivory White	Ivory White	Ivory White	Ivory White
Power Source		1ph 208/230V 60Hz	1ph 208/230V 60Hz	1ph 208/230V 60Hz	1ph 208/230V 60Hz	1ph 208/230V 60Hz
Max. Fuse Size	Amps	15	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	SEER	13	13	13	13	13
Energy Efficiency	HSPF	7.7	7.7	7.7	7.7	7.7
Power Consumption-Cooling	W	810	1,310	1,320	1,710	2,555
Power Consumption-Heating	W	1,080	1,060	1,690	2,160	2,805
Operating Current-Cooling	A	4.38	5.87	5.83	7.49	11.15
Operating Current-Heating	A	5.03	5.02	7.4	9.4	12.23
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 (outdoor-db)	°F	14-115	14-115	14-115	14-115	14-115
Operating Range-Heating (outdoor-db)	°F	5-64	5-64	5-64	5-64	5-64
Pipe Connections-Liquid (flare type)	in.	1/4	1/4	1/4	1/4	1/4
Pipe Connections-Gas (flare type)	in.	3/8	3/8	1/2	1/2	5/8
Refrigerant Charge	lbs.	1.76	2.2	3.75	3.75	3.75
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

Outdoor Units - High Efficiency

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	SEER	16.0	16.0	17.0	16.3	15.0
Energy Efficiency	HSPF	8.8	8.8	10.1	9.1	9.2
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 (outdoor-db)	°F	14-115	14-115	14-115	14-115	14-115
Operating Range-Cooling (outdoor-db) (with optional wind baffle)	°F	0-115	0-115	0-115	0-115	0-115
Operating Range-Heating (outdoor-db)	°F	0-64	0-64	0-64	0-64	0-64
Pipe Connections-Liquid (flare type)	in.	1/4	1/4	1/4	1/4	1/4
Pipe Connections-Gas (flare type)	in.	3/8	3/8	1/2	1/2	5/8
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

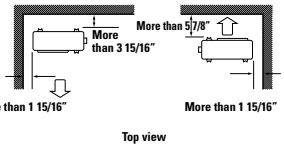
RXS09/RXS12 installation space

Wall facing one side



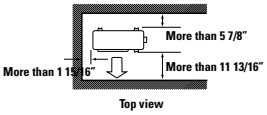
Side view

Walls facing two sides



Top view

Walls facing three sides



Top view

Slim Duct Built-in Indoor Units

FDXS

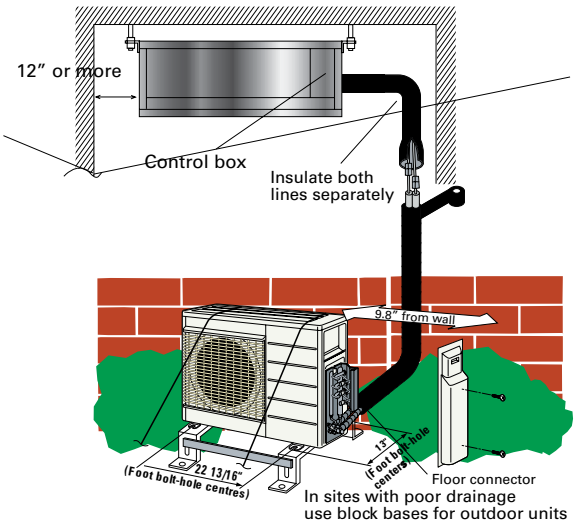
ARC

FDXS Slim Duct Built-In Units

- Low profile (less than 8" height)
- Low sound level
- External Static Pressure up to 0.12"
- Bottom or rear suction
- Home-leave temperature set-back operation
- Powerful mode – rapid cooling or heating

Indoor Units — Slim Duct Built-In Units

Model		FDXS09DVJU	FDXS12DVJU
Refrigerant		R-410A	R-410A
Cooling Capacity (Btu/h)	nom.	8,500	11,500
Heating Capacity (Btu/h)	nom.	10,000	11,500
Energy Efficiency	SEER	13.0	13.0
Energy Efficiency	HSPF	7.7	7.7
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



Outdoor Units

Model		RXS09DVJU	RXS12DVJU
Capacity	Btu/h	9,000	11,500
Casing Color		Ivory White	Ivory White
Power Source		1ph 208/230V 60Hz	1ph 208/230V 60Hz
Max. Fuse Size	Amps	15	15
Compressor Type		Hermetically sealed swing type compressor	
Compressor Motor Output	W	600	600
Power Consumption-Cooling	W	770	1,290
Power Consumption-Heating	W	1,070	1,000
Operating Current-Cooling	A	4.13	5.51
Operating Current-Heating	A	4.98	4.73
Sound Pressure Level (cooling/heating)	dB(A)	48/49	49/51
Dimensions (in.)	H x W x D	← 21 5/8 x 30 1/8 x 11 1/4 →	
Weight	lbs.	74	79
Operating Range-Cooling (outdoor-db)	°F	14-115	14-115
Operating Range-Cooling (outdoor-db) (with optional wind baffle)	°F	0-115	0-115
Operating Range-Heating (outdoor-db)	°F	0-64	0-64
Pipe Connections-Liquid (flare type)	in.	1/4	1/4
Pipe Connections-Gas (flare type)	in.	3/8	3/8
Refrigerant Charge	lbs.	1.76	2.2
Max. Piping Length	ft.	66	66
Piping Length (no add'l refrigerant)	ft.	33	33
Max. Height Difference	ft.	49	49
Refrigerant	R-410A	R-410A	R-410A

Controllers (Options)

Central Remote Controller	DCS302C71
Unified On/Off Controller	DCS301C71
Schedule Timer	DST301BA61
Interface Adaptor for DIII-NET use	KRP928B2S

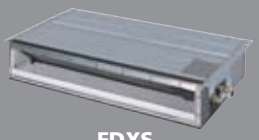
Simple Installation

At Daikin, we're not just concerned with how comfortable the air conditioner makes you feel — but how comfortable you feel about the air conditioner itself. Instead of large condensing units with noisy compressors and large duct work, Daikin systems are comprised of small, easily located outdoor units and a connected pair of refrigerant lines. These lines slide into a small 3-inch opening through a wall or ceiling connecting to a wall-mounted or a slim built-in indoor unit.

There are few electrical connections to make, so your contractor can install your system in a minimal amount of time — in many cases, on average, in a single day's work. The compact and lightweight design, combined with the long, flexible piping and wiring, make installation a snap.

Multi-Split Systems

FTXS/CTXS



FDXS

2MXS

4MXS

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.

Flexible Product Range

Select from Daikin's extensive range of wall-mounted or ducted indoor fan coil units to cool or warm your home.

The flat panel design of the wall-mounted units will complement your interior decor, while the slim shape of the ducted units are barely noticeable when installed in a ceiling.

2 zones, 3 zones or 4 zones

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

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 on p. 12	Refer to combinations on p. 12-13
Power Consumption-Heating	W	Refer to combinations on p. 12	Refer to combinations on p. 12-13
Operating Current-Heating	A	Refer to combinations on p. 12	Refer to combinations on p. 12-13
Operating Current-Heating	A	Refer to combinations on p. 12	Refer to combinations on p. 12-13
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)	230 (for Total of Each Room)
		82 (for One 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

Notes: 1. For Capacity (*) information refer to the Combinations on page 12-13
2. The data listed is based on the following conditions:

Condition	Cooling	Heating
Indoor	80°FDB/67°FWB	70°FDB/60°FWB
Outdoor	95°FDB/75°FWB	47°FDB/43°FWB

Certifiied Effificiency Performance Values									
System	Combined With	Nominal Cooling Capacity	EER	SEER	Nominal Heating Capacity	COP	Low Heating Capacity	COP	HSPF
		Btu/h	95 °F		Btu/h	47 °F	Btu/h	17 °F	
2MXS18GVJU	Non Ducted Indoor Unit	18,000	12.60	19.50	22,000	3.40	13,500	2.70	9.20
	Ducted Indoor Unit	16,000	9.00	13.00	22,000	2.90	13,100	2.20	7.70
	Mixed Ducted and Non Ducted Indoor Unit	17,000	10.80	16.30	22,000	3.15	13,300	2.45	8.50
4MXS32GVJU	Non Ducted Indoor Unit	30,600	10.30	17.60	32,000	3.40	22,200	2.30	9.30
	Ducted Indoor Unit	29,000	8.40	13.30	30,400	3.00	21,000	2.10	7.90
	Mixed Ducted and Non Ducted Indoor Unit	29,800	9.35	15.25	31,200	3.20	21,600	2.20	8.60

Per AHRI, the certified ratings for variable-speed, multi-split systems are valid for all combinations of indoor units (based on combination types) with the specific outdoor unit listed above and in the AHRI Directory of Certified Equipment. Visit www.AHRIDirectory.org for further details and independent verification.

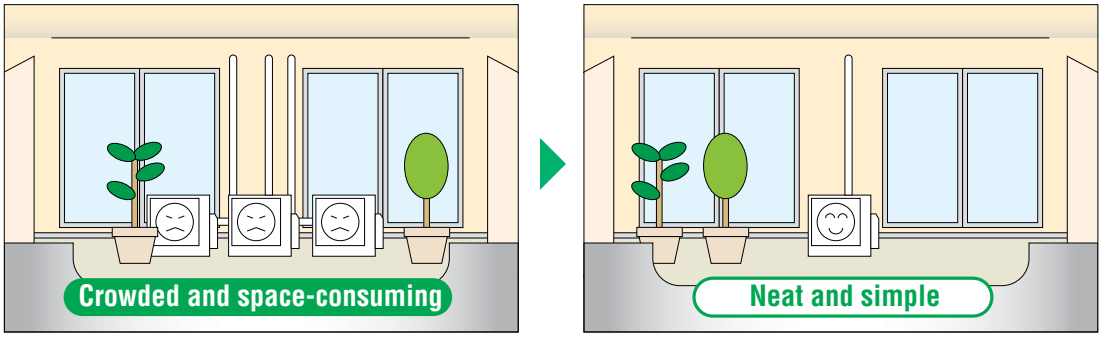
- Any system that is a combination of ALL NON-DUCTED (CTXS and FTXS) indoor units achieves the SEER/EER/COP/HSPF listed on the Non Ducted Indoor Unit line.
- Any system that is a combination of ALL DUCTED (FDXS) indoor units achieves the SEER/EER/COP/HSPF listed on the Ducted Indoor Unit line.
- Any system that is a combination of MIXED DUCTED and NON-DUCTED indoor units achieves the SEER/EER/COP/HSPF listed on the Mixed Ducted & Non Ducted Indoor Unit line.

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.

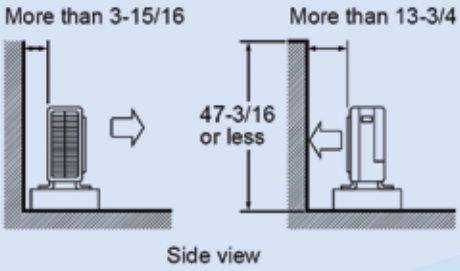
For 3 split-type units



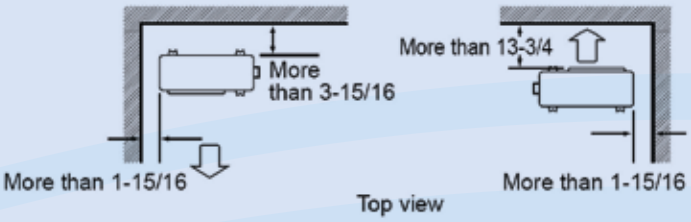
Three outdoor units

One outdoor unit

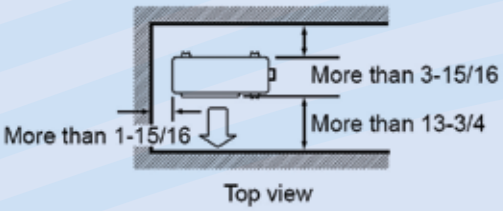
Wall facing one side



Wall facing two sides



Walls facing three sides



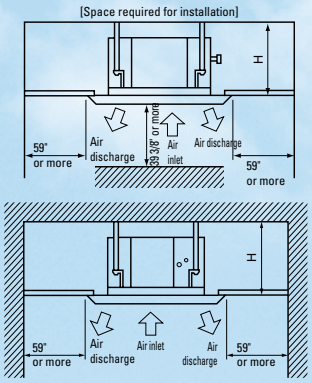
SkyAir Systems

FCQ 4-Way Ceiling Mounted Cassette Units

An attractive solution for customized comfort, the FCQ fits virtually flush into false ceilings, leaving maximum floor and wall space for furniture, decoration and fittings. Quiet and energy efficient, it features adjustable airflow distribution for ceiling heights up to 13.8 ft. without loss of capacity.

- Draft prevention and anti-ceiling soiling technology
- Choice of eight airflow distribution patterns for individual comfort
- Integration of outside air possible using unit knock out provided
- Home leave operation saves energy during absence
- Flexible installation
- Optional flap shutoff allows easy installation in corners
- Standard built-in condensation pump (lift up to 21 ft.)
- A choice of wired or wireless controllers

BRC1D71
7–Day
Programmable
Wired Remote
Controller
(standard)

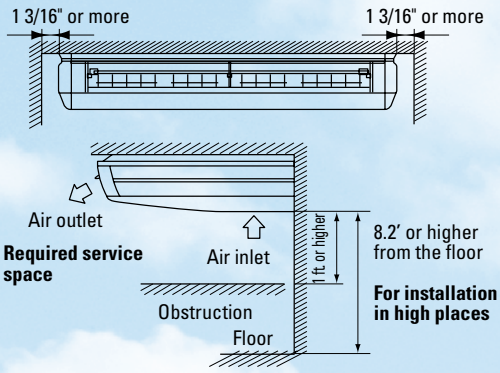


FHQ Ceiling Suspended Units

Ideal for rooms without false ceilings, the unit installs directly against the ceiling. Designed for maximum efficiency all around, the FHQ delivers consistent heating and cooling comfort in rooms up to 12.5 ft. ceiling heights without loss of capacity.

- Auto-swing capability with 100° airflow pattern
- Quietly distributes airflow in all directions
- Lateral servicing space allows installation in corners, narrow spaces, walls and ceilings
- Concealed piping enhances decor
- Easy-to-clean flat surfaces
- Optional wireless controller

BRC1D71
7–Day
Programmable
Wired Remote
Controller
(standard)



RZQ Outdoor Units

Inside SkyAir's space-saving design is a powerhouse with the capacity to meet most light commercial applications. Daikin's inverter technology combines precise temperature control and superior energy efficiency with quiet operation.

- Available from 24,000 Btu/h to 42,000 Btu/h
- Maximum 230 ft. piping length allows flexible placement of indoor unit
- Maximum Height separation of 164 ft.
- Self-diagnostic capabilities provide added reliability
- Pair with either FCQ or FHQ indoor ceiling units
- Possible to mount on wall brackets

The ultimate solution for restaurants, shops and small offices.

Ranging from 24,000 Btu/h to 42,000 Btu/h, the innovative SkyAir system is designed to quietly blend into the ambience of shops, restaurants, small offices or home environments.

With a choice of a 4-way cassette or ceiling suspended indoor units and a long piping length of up to 230 ft., the system allows a greater flexibility of installation.

Indoor Units - FCQ 4-Way Ceiling Mounted Cassette Units

Model		FCQ24MVJU	FCQ30MVJU	FCQ36MVJU	FCQ42MVJU
Front Panel Color		white	white	white	white
Power Source		← 1ph, 208 - 230V, 60Hz →			
Recommended Fuse Amps	Amps	15	15	15	15
Cooling Capacity	Btu/h	24,000	30,000	36,000	40,500
Heating Capacity	Btu/h	27,000	34,000	39,500	41,500
Energy Efficiency	SEER	13	13	13	13
Energy Efficiency	HSPF	7.7	7.7	7.7	7.7
Airflow H/L	cfm	(cooling) 790/670 (heating) 870/670	900/790	950/790	1030/870
Sound Pressure Level	dB(A)	42	42	44	46
Pipe Connections – Liquid (flare type)	in.	3/8	3/8	3/8	3/8
Pipe Connections – Gas (flare type)	in.	5/8	5/8	5/8	5/8
Condensate Drain Connection	in.	← VP25 (External dia. 1-1/4, internal dia. 1) →			
Dimensions H x W x D	in.	← 11- 3/8 x 33 - 1/8 x 33 - 1/8 →			
Weight	lbs.	73	73	74	74
Standard Controller	wired	BRC1D71	BRC1D71	BRC1D71	BRC1D71
Optional Controller	wireless	BRC7C812	BRC7C812	BRC7C812	BRC7C812
Decoration Panel		BYC125K-W19	BYC125K-W19	BYC125K-W19	BYC125K-W19

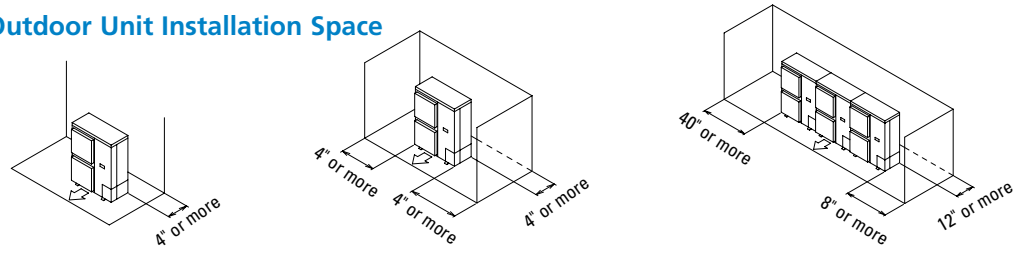
Indoor Units - FHQ Ceiling Suspended Units

Model		FHQ24MVJU	FHQ30MVJU	FHQ36MVJU	FHQ42MVJU
Front Panel Color		white	white	white	white
Power Source		← 1ph, 208 - 230V, 60Hz →			
Recommended Fuse Amps	Amps	15	15	15	15
Cooling Capacity	Btu/h	24,000	30,000	36,000	40,500
Heating Capacity	Btu/h	27,000	34,000	37,500	39,500
Energy Efficiency	SEER	13	13	13	13
Energy Efficiency	HSPF	7.7	7.7	7.7	7.7
Airflow H/L	cfm	790/670	790/670	830/670	850/700
Sound Pressure Level	dB(A)	45	45	46	47
Pipe Connections – Liquid (flare type)	in.	3/8	3/8	3/8	3/8
Pipe Connections – Gas (flare type)	in.	5/8	5/8	5/8	5/8
Condensate Drain Connection	in.	← VP20 (External dia. 1, internal dia. 3/4) →			
Dimensions H x W x D	in.	← 7 - 11/16 x 62 - 5/8 x 26 - 3/4 →			
Weight	lbs.	90	90	90	90
Standard Controller	wired	BRC1D71	BRC1D71	BRC1D71	BRC1D71
Optional Controller	wireless	BRC7E83	BRC7E83	BRC7E83	BRC7E83

Outdoor Units - RZQ

Model		RZQ24MVJU	RZQ30MVJU	RZQ36MVJU	RZQ42MVJU
Casing Color		Ivory White	Ivory White	Ivory White	Ivory White
Power Source		← 1ph, 208 - 230V, 60Hz →			
Recommended Fuse Amps	Amps	30	30	30	30
Compressor Type		← Hermetically sealed scroll type →			
Compressor-Motor Output	kW	1.6	2	2.5	3
Power Consumption – Cooling (FCQ + RZQ)	W	2,470	3,130	3,970	5,010
Power Consumption – Heating (FCQ + RZQ)	W	2,550	3,370	4,100	4,360
Power Consumption – Cooling (FHQ + RZQ)	W	1,900	3,000	3,600	4,300
Power Consumption – Heating (FHQ + RZQ)	W	2,800	3,600	4,100	4,300
Operating Current	A	20.6	20.5	22.5	23.3
Sound Pressure Level	dB(A)	58	58	58	58
Weight	lbs.	310	310	310	310
Operating Range – Cooling (outdoor-db)	°F	14 - 115	14 - 115	14 - 115	14 - 115
Operating Range – Cooling (outdoor-db) (with optional wind baffles)	°F	0 - 115	0 - 115	0 - 115	0 - 115
Operational Ranges – Heating (outdoor-db)	°F	0 - 64	0 - 64	0 - 64	0 - 64
Pipe Connections – Liquid (flare type)	in.	3/8	3/8	3/8	3/8
Pipe Connections – Gas (flare type)	in.	5/8	5/8	5/8	5/8
Refrigerant Charge	lbs.	12.8	12.8	12.8	12.8
Max. Piping Length	ft.	230	230	230	230
Max. Height Difference	ft.	164	164	164	164
Refrigerant		R-410A	R-410A	R-410A	R-410A

Outdoor Unit Installation Space



SkyAir Controllers and Accessories

Individual Zone Controllers

		7-Day Programmable Wired Remote Controller BRC1D71	Wireless Remote Controller BRC7C812 BRC7E83
	Model		
	No. of Units Controllable	← 1 Group/16 Units →	
Operation	Start/Stop	✓	✓
	Operation Mode	✓	✓
	Temperature Setting	✓	✓
	Set-Point Range	60°–90° F	60°–90° F
	Permit/Prohibit Selection	✓	
	Fan Speed	✓	✓
	Airflow Direction	✓	✓
Monitoring	Status	✓	✓
	Malfunction Flashing	✓	✓
	Malfunction Content	✓	✓
	Filter Sign	✓	
	Operation Mode	✓	✓
	Temperature Setting	✓	✓
	Permit/Prohibit Selection	✓	
	Fan Speed	✓	✓
	Airflow Direction	✓	✓
Scheduling	Weekly	7	
	Timed Starts/Stops Per Day	5	
	No. of Weekly Schedules		
	Auto ON/OFF Timer	✓	✓
Data	Error History		
Control Management	Field Setting Mode	✓	✓
	Group Setting	✓	
	7-Day Time Clock	✓	
	5-Temperature Setpoints Per Day	✓	
	Minimum Night Setting	✓	
	Maximum Day Setting	✓	
	Night Set-Back Function	✓	
	Home Leave Function	✓	
	Auto Restart	✓	

FCQ Indoor Unit Accessories

Description	Part Number
65% Calorimeter Filter (FCQ24, FCQ30, FCQ36, FCQ42)	KAFJ552K160
90% Calorimeter Filter (FCQ24, FCQ30, FCQ36, FCQ42) - MERV 12	KAFJ553K160
Filter Chamber for above	KDDFP55D160
Ultra-Long Life Filter	KAFP55D160
Long Life Replacement Filter (non-woven type)	KAFJ55K160H
Fresh Air Intake Kit without T pipe	KDDP55D160
Panel Spacer with T pipe	KDBJ55K160W
Fresh Air Intake Kit	KDDP55D160K
Decoration Panel	BYC125K-W1

FHQ Indoor Unit Accessories

Description	Part Number
Replacement Long-Life Filter (Resin Net)	KAFJ501D160
L-Type Piping Kit (for Upward Direction)	KHFP5M160

RZQ Outdoor Unit Accessories

Description	Part Number
Central Drain Plug	KKPJ5F180
Fixture for Preventing Overturning	KPT-60B160
Wire Fixture for Preventing Overturning	K-KYZP15C
Low ambient wind baffle	KPW5E80

Electrical

Description	Part Number
Wiring Adaptor PCB (FCQ) (interface with aux/primary heater, humidifier, OA damper/fan, etc.)	KRP1B72
Wiring Adaptor PCB (FHQ) (interface with aux/primary heater, OA damper/fan, etc.)	KRP1B73
Group Control Adaptor PCB (FHQ) (connects to external BMS)	KRP4A72
Group Control Adaptor PCB (FCQ) (connects to external BMS)	KRP4A73
Adaptor PCB Installation Box (FCQ w/ KRP1B72/ KRP4A73) (up to two adapters can be installed in KRP1B98 and only one KRP1B98 is installed in the FCQ)	KRP1B98
Adaptor PCB Installation Plate (FHQ w/ KRP4A72) (up to two adapters can be installed in KRP1B98 and only one KRP1B98 is installed in the FCQ)	KRP1C93

SPECIFICATIONS OF CABLE	
TYPE	2-core sheathed vinyl cord or cable
SIZE	AWG18-2
TOTAL LENGTH	1,640 ft.

7-Day Programmable Wired Remote Controller - BRC1D71

Quality Controlled

At Daikin AC, we are providing the world with more than 80 years of constant achievements in the field of HVAC and improving the quality of life. With our ducted and duct-free split systems, we can help you accomplish your constructing goals.

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.

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 AC®
absolute comfort

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972-245-1510

Dealer Information

PCSSUSE08-08B