DAIKIN

Perfecting the Air

- Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. 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 qualified installer or contractor to install those parts and accessories. Use of unauthorised 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.
- About harmonics, since this product is equipped with an inverter, harmonics will be generated. If local laws require the suppression of harmonics on the building, please take harmonic suppression measures on the electrical equipment side. Please contact your local sales company for details.

If you have enquiries, please contact your local importer, distributor and/or retailer.

DEALER RESMI

Cautions on product corrosion

1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.

0800 1 081 081
DAIKIN CONTACT CENTER

Jam Beroperasi:
Senin - Jumat: 07:00 - 19:00 WIB
Sabtu - Minggu & Libur Nasional: 07:00 - 17:00 WIB

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DAIKIN

Perfecting the Air

DIDPCTPMT2406

INVERTER

INVERTER AIR COOLED PACKAGED AIR CONDITIONERS

FLOOR STANDING TYPE
DUCT TYPE

R-410A

COOLING ONLY 50Hz

DIRECT AIR BLOW

DUCT CONNECTION

FLOOR STANDING TYPE

DUCT TYPE

OUTDOOR UNIT

Inverter Packaged Air Conditioner Line Up for Factories and Offices

Product Line Up R-410A

New **RZUR-Q Series**

Cooling only 50 Hz

Capacity	kW	23.5	29.3
	Btu/h	80,000	100,000
	HP	8	10
FLOOR STANDING TYPE (DIRECT AIR BLOW) Specifications Page 5		 FVGR200QV1(4)	 FVGR250QV1(4)
OUTDOOR UNIT		 RZUR200QY1(4)	 RZUR250QY1(4)

Enhanced lineup

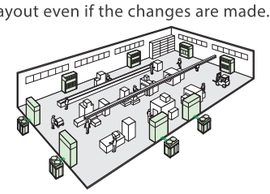
Wider capacity range with 2 new lineups of 12 and 20 HP.

Capacity	kW	23.5	29.3	35.2	46.9	52.8	58.6
	Btu/h	80,000	100,000	120,000	160,000	180,000	200,000
	HP	8	10	12	16	18	20
FLOOR STANDING TYPE (DUCT CONNECTION) Specifications Page 5			 FVPR250QY1(4)	 FVPR300QY1(4)	 FVPR400QY1(4)	 FVPR450QY1(4)	 FVPR500QY1(4)
DUCT TYPE Specifications Page 6		 FDR200QY1(4)	 FDR250QY1(4)	 FDR300QY1(4)	 FDR400QY1(4)	 FDR450QY1(4)	 FDR500QY1(4)
OUTDOOR UNIT		 RZUR200QY1(4)	 RZUR250QY1(4)	 RZUR300QY1(4)	 RZUR400QY1(4)	 RZUR450QY1(4)	 RZUR500QY1(4)

DIRECT AIR BLOW

Direct air blow from indoor unit with plenum

- Comfortable factory air conditioning using multiple indoor units installed in accordance with the space.
- Installation is next to walls, so units will not affect the factory layout even if the changes are made.

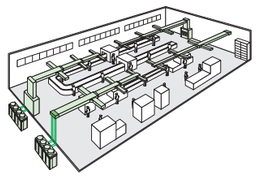


DUCT CONNECTION / DUCT TYPE

Air blow via connected ducts

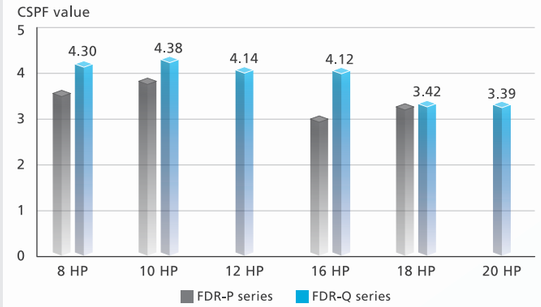
- Comfortable air conditioning of the entire factory by connecting a blow duct at the top of the indoor unit.

Note: Ducts to be procured locally.



Energy saving

CSPF improvement



*Cooling operation conditions: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB, 24°CWB.

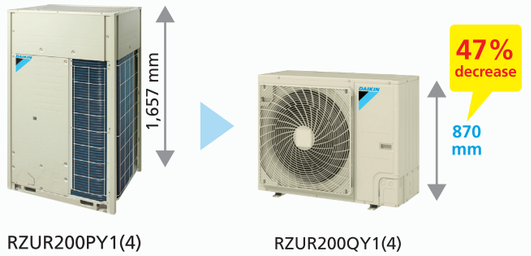
FDR-Q series provides greater energy saving due to higher CSPF* as compared to FDR-P series.

*CSPF: cooling seasonal performance factor

33.8% increase (for 16 HP)

Design flexibility

Compact & lightweight design

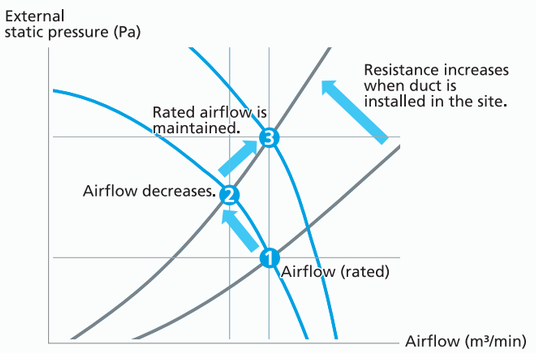


- Ideal solution that minimises both visual and sound impact
- Can be installed in a wide variety of locations and applications

The new design has been optimised for the RZUR200QY1(4) with the height reduced to only 870 mm.

This low height casing design provides occupants with a clear, unobstructed view of the scenery.

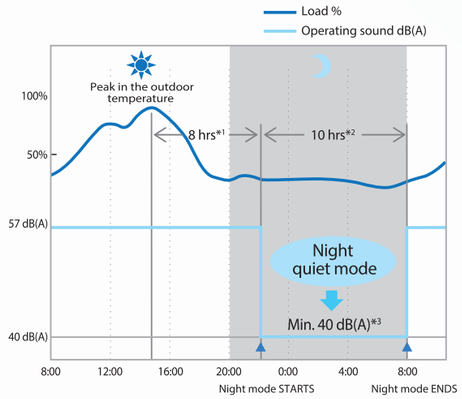
Automatic adjustment of external static pressure



The RZUR200QY1(4) model has the external static pressure automatic adjustment function for maintaining the rated airflow and capacity by automatically adjusting the external static pressure during the test operation to suit the resistance of the installation site.

Comfort

Nighttime quiet operation function



The nighttime quiet operation function automatically suppresses the nighttime operating sound by reducing operation capacity to maintain the quiet environment of the neighborhood.
Three selectable modes are available depending on the required level.

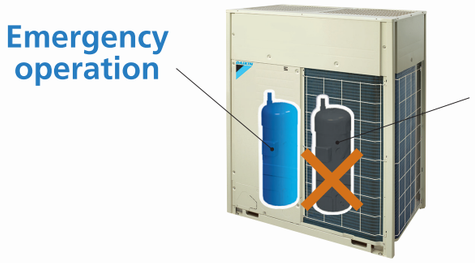
*1. Initial setting is 8 hours. Can be selected from 6, 8 and 10 hours.
*2. Initial setting is 9 hours. Can be selected from 8, 9 and 10 hours.
*3. In case of RZUR250QY1(4).

Notes: • This function is available in setting at site.
• The operating sound in quiet operation mode is the actual value measured by our company.
• The relationship of outdoor temperature (load) and time shown above is just an example.

Reliability

Backup operation function

Compressor backup operation function



* For RZUR300-500QY1(4) models. On-site settings are required using the PCB of the outdoor unit.

Centralized management system extension

Centralized management can integrate with D-BACS system with high speed data transfer.

Centralized control is now available when using with Inverter packaged air conditioners.

Display of air filter cleaning times and self-inspection function for simple maintenance.

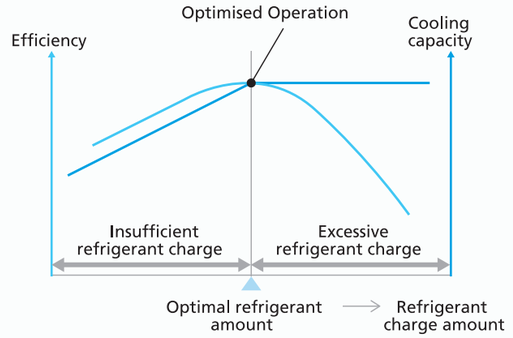
Auto restart

Automatically turn on the operation unit after facing unexpected shut down.

Automatic refrigerant charge function

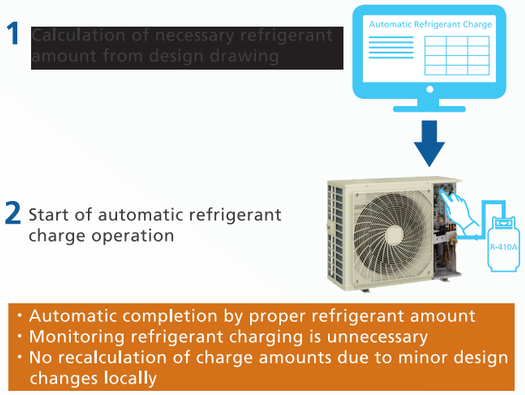
Contribute to optimised operation efficiency, higher quality and easier installation.

Optimised operation efficiency



This function prevents a capacity shortage or energy loss due to excessive or insufficient refrigerant.

Higher quality and easier installation



The automatic refrigerant charge function automates the charging of the proper refrigerant amount and easy start by pressing one button.

* There are conditions in the range of ambient temperature in which the automatic refrigerant charge can be used. Refer to the installation manual for details.
* The refrigerant amount that can be automatically charged may differ from the additional refrigerant amount that is provided from calculations, but there are no problems in performance and quality.

Enhanced varieties of factory modification

○ Standard model
■ New functions □ Factory modification

Factory Modification	Floor Standing Type		Duct Type
	Direct Air Blow	Duct Connection	
Auto restart*	○	■	○
Change fan motor and pulley	–	□	□
Discharge grill plenum chamber	○	□	□
Side discharge grill on discharge plenum chamber	□	□	–
Front suction high efficiency filter chamber	–	□	–
Front suction base flange for front suction high efficiency filter chamber	–	□	–
Suction grill for front suction high efficiency filter chamber	–	□	–
Rear suction	–	□	–
Drain pump	□	□	–
All new fresh air (Discharge temperature control)	–	□	□

Note: Auto restart function can be turned ON/OFF by field setting.

Specifications

FLOOR STANDING TYPE

DIRECT AIR BLOW

Model Name	Indoor unit			FVGR200QV1(4)	FVGR250QV1(4)
	Outdoor unit			RZUR200QY1(4)	RZUR250QY1(4)
Cooling capacity*1 (Max.)			Btu/h	80,000 (81,000)	100,000 (101,000)
			kW	23.50 (23.74)	29.30 (29.60)
Cooling capacity*2 (Max.)			Btu/h	79,000 (80,000)	99,000 (100,000)
			kW	23.20 (23.50)	28.90 (29.30)
Power consumption*1			kW	8.94	11.40
Power consumption*2			kW	8.89	11.33
CSPF*2				4.12	3.96
Indoor unit	Power supply			1 Phase, 220-240 V, 50 Hz	
	Colour			Ivory White	
	Airflow rate (H/M/L)		m^3/min	75/66/52	
			cfm	2,650/2,330/1,840	
	Fan	Motor output	kW	0.245×2	
		Drive		Direct Drive	
	Dimensions (H×W×D)		mm	1,870×1,170×510	
	Machine weight		kg	155	
	Sound level (H/M/L)		dB(A)	60.5/57.5/53	
	Drain		mm	PS 1B Internal thread	
Outdoor unit	Power supply			3 Phase, 380–415 V, 50 Hz	
	Colour			Ivory white	
	Compressor	Type		Hermetically sealed swing type	Hermetically sealed scroll type
		Motor output	kW	3.2×1	4.5×1
	Airflow rate (H)		m^3/min	126	178
	Dimensions (H×W×D)		mm	870×1,100×460	1,657×930×765
	Machine weight		kg	113	185
	Sound level*4		dB(A)	61	57
	Operation range		°CDB	10 to 49	
	Refrigerant charge		kg	3.8	6.7
Refrigerant Piping	Liquid		mm	Ø 9.5 (Brazing)	
	Gas		mm	Ø 19.1 (Brazing)	Ø 22.2 (Brazing)
Max. piping length			m	70 (equivalent length 90 m)	
Max. level difference			m	50*6	50

DUCT CONNECTION

Model Name	Indoor unit			FVPR250QY1(4)	FVPR300QY1(4)	FVPR400QY1(4)	FVPR450QY1(4)	FVPR500QY1(4)
	Outdoor unit			RZUR250QY1(4)	RZUR300QY1(4)	RZUR400QY1(4)	RZUR450QY1(4)	RZUR500QY1(4)
Cooling capacity*1 *3 (Max.)			Btu/h	100,000 (101,000)	120,000 (122,000)	160,000 (162,000)	180,000 (183,000)	200,000 (203,000)
			kW	29.30 (29.60)	35.20 (35.76)	46.90 (47.48)	52.80 (53.63)	58.60 (59.50)
Cooling capacity*2 *3 (Max.)			Btu/h	99,000 (100,000)	118,000 (120,000)	158,000 (160,000)	177,000 (180,000)	197,000 (200,000)
			kW	28.90 (29.30)	34.70 (35.20)	46.30 (46.90)	52.00 (52.80)	57.70 (58.60)
Power consumption*1 *3			kW	10.97	12.48	15.80	20.15	25.59
Power consumption*2 *3			kW	10.90	12.39	15.70	20.00	25.42
CSPF*2				4.08	3.33	3.82	3.71	3.72
Indoor unit	Power supply			3 Phase, 380–415 V, 50 Hz				
	Colour			Ivory White				
	Airflow rate (H)		m^3/min	80	120		166	
			cfm	2,830	4,240		5,860	
	External static pressure*5		Pa	147	150			
	Fan	Motor output	kW	1.5			2.2	
		Drive		Belt Drive				
	Dimensions (H×W×D)		mm	1,740×1,170×510	1,870×1,470×720		1,870×1,810×720	
	Machine weight		kg	151	251		297	
	Sound level		dB(A)	61	67		66	
	Drain		mm	PS 1B Internal thread				
Outdoor unit	Power supply			3 Phase, 380–415 V, 50 Hz				
	Colour			Ivory white				
	Compressor	Type		Hermetically sealed scroll type				
		Motor output	kW	4.5×1	(3.5×1)+(3.5×1)	(4.9×1)+(4.2×1)		
	Airflow rate (H)		m^3/min	178	257	297		
	Dimensions (H×W×D)		mm	1,657×930×765	1,657×1,240×765			
	Machine weight		kg	185	260	291		
	Sound level*4		dB(A)	57	60	65		
	Operation range		°CDB	10 to 49				
	Refrigerant charge		kg	6.7	8.2	11.7		
Refrigerant Piping	Liquid		mm	Ø 9.5 (Brazing)	Ø 12.7 (Brazing)		Ø 15.9 (Brazing)	
	Gas		mm	Ø 22.2 (Brazing)	Ø 28.6 (Brazing)			
Max. piping length			m	70 (equivalent length 90 m)				
Max. level difference			m	50				

Notes :
*1. Indoor temp.: 27°CDB, 19.5°CWB / outdoor temp.: 35°CDB, 24°CWB / Equivalent piping length: 7.5 m, level difference: 0 m.
*2. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB, 24°CWB / Equivalent piping length: 7.5 m, level difference: 0 m.
*3. Capacity are net, including a deduction for cooling for indoor fan motor heat.
*4. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions and oil recovery mode.
When there is concern for noise the surrounding area such as residences, we recommend investigating the installation location and taking soundproofing measures.
*5. The value is the external static pressure with standard pulley.
*6. Max. 40 m if the outdoor unit is lower than the indoor unit.

DUCT TYPE

Model Name	Indoor unit			FDR200QY1(4)	FDR250QY1(4)	FDR300QY1(4)	FDR400QY1(4)	FDR450QY1(4)	FDR500QY1(4)
	Outdoor unit			RZUR200QY1(4)	RZUR250QY1(4)	RZUR300QY1(4)	RZUR400QY1(4)	RZUR450QY1(4)	RZUR500QY1(4)
Cooling capacity*1 *3 (Max.)			Btu/h	80,000 (81,000)	100,000 (101,000)	120,000 (122,000)	160,000 (162,000)	180,000 (183,000)	200,000 (203,000)
			kW	23.50 (23.74)	29.30 (29.60)	35.20 (35.76)	46.90 (47.48)	52.80 (53.63)	58.60 (59.50)
Cooling capacity*2 *3 (Max.)			Btu/h	79,000 (80,000)	99,000 (100,000)	118,000 (120,000)	158,000 (160,000)	177,000 (180,000)	197,000 (200,000)
			kW	23.20 (23.50)	28.90 (29.30)	34.70 (35.20)	46.30 (46.90)	52.00 (52.80)	57.70 (58.60)
Power consumption*1 *3			kW	8.97	10.77	11.28	15.79	21.38	26.52
Power consumption*2 *3			kW	8.92	10.70	11.19	15.69	21.22	26.39
CSPF*2				4.30	4.38	4.14	4.12	3.42	3.39
Indoor unit	Power supply			3 Phase, 380–415 V, 50 Hz					
	Colour			Galvanized Steel					
	Airflow rate (H)		m^3/min	78		120		166	
			cfm	2,750		4,240		5,860	
	External static pressure*5		Pa	98		150			
	Fan	Motor output	kW	1.5				2.2	
		Drive		Belt Drive					
	Dimensions (H×W×D)		mm	500×1,330×850		625×1,980×850		760×2,195×870	
	Machine weight		kg	106		177		204	
	Sound level		dB(A)	57		59		60	
	Drain		mm	PS 3/4B Internal thread		PS 1B Internal thread			
Outdoor unit	Power supply			3 Phase, 380–415 V, 50 Hz					
	Colour			Ivory white					
	Compressor	Type		Hermetically sealed swing type	Hermetically sealed scroll type				
		Motor output	kW	3.2×1	4.5×1	(3.5×1)+(3.5×1)	(4.9×1)+(4.2×1)		
	Airflow rate (H)		m^3/min	126	178	257	297		
	Dimensions (H×W×D)		mm	870×1,100×460	1,657×930×765	1,657×1,240×765			
	Machine weight		kg	113	185	260	291		
	Sound level*4		dB(A)	61	57	60	65		
	Operation range		°CDB	10 to 49					
	Refrigerant charge		kg	3.8	6.7	8.2	11.7		
Refrigerant Piping	Liquid		mm	Ø 9.5 (Brazing)		Ø 12.7 (Brazing)		Ø 15.9 (Brazing)	
	Gas		mm	Ø 19.1 (Brazing)	Ø 22.2 (Brazing)	Ø 28.6 (Brazing)			
Max. piping length			m	70 (equivalent length 90 m)					
Max. level difference			m	50*6	50				

Notes :
*1. Indoor temp.: 27°CDB, 19.5°CWB / outdoor temp.: 35°CDB, 24°CWB / Equivalent piping length: 7.5 m, level difference: 0 m.
*2. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB, 24°CWB / Equivalent piping length: 7.5 m, level difference: 0 m.
*3. Capacity are net, including a deduction for cooling for indoor fan motor heat.
*4. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions and oil recovery mode.
When there is concern for noise the surrounding area such as residences, we recommend investigating the installation location and taking soundproofing measures.
*5. The value is the external static pressure with standard pulley.
*6. Max. 40 m if the outdoor unit is lower than the indoor unit.

Option

FLOOR STANDING TYPE

Option	Direct Air Blow	Duct Connection		
	FVGR200/250QV1(4)	FVPR250QY1(4)	FVPR300/400QY1(4)	FVPR450/500QY1(4)
Discharge grill plenum chamber (Including pulley and belt)	—	BPCV10Q	BPCV16Q	BPCV20Q
Filter chamber	—	BFU1B250	BFU1B400	BFU1B500

CONTROL SYSTEM

Option	FVGR-QV1(4)	FVPR-QY1(4)	FDR-QY1(4)
Simplified remote controller	BRC2E61 (Built-in)		BRC2E61
Navigation remote controller	BRC1E63		
intelligent touch controller	DCS601C51		
Central remote controller	DCS302CA61		
Unified ON/OFF controller	DCS301B61		
Schedule timer	DST301BA61		
Wiring adaptor for electrical appendices (Group control adaptor) ★	KRP4AA51		
Wiring adaptor for electrical appendices ★	KRP2A61		
Remote sensor (for indoor temperture)	BRCS01A-6		
Mounting plate for adaptor PCB ☆	BRP20A-3		BRP20A-1

Note :
Mounting plate ☆ is necessary for each adaptor marked ★.