



Perfecting the Air



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PERFECTING THE FUNCTION
SPACE SAVING WITH STYLE



DAIKIN FLOOR STANDING

SLIM AND STYLISH OUTLOOK, FAR AIR THROW AND AIR FLAPS,
EASY SERVICING AND INSTALLATION



FLOOR STANDING TYPE

Space Saving with style and functionality

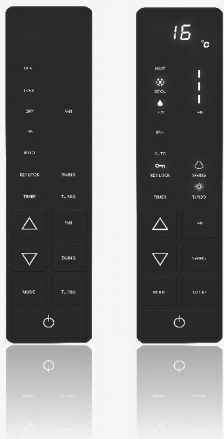


FVRN42/55DAXY1S
(41,300-51,000 BTU/hr)

HIGHLIGHTS :

- Slim and Stylish Outlook
- Far Air Throw and Far Flaps
- Safe And Easy Servicing
- Easy Installation
- Simple and Flexible Controller Options

Sleek and Stylish Control Panel



Wired controller:
BRC51A62

*optional

- White LED light for crisp clear display
- Large button for ease of use
- Safe And Easy Servicing
- Light indicator of mode and temperature setting

Wireless controller:
BRC52A62

*supplied with unit



•	Auto swing	COMFORT
•	Switchable fan speed	
•	Programme "Dry"	
*1	Two selectable temperature sensor	
•	Timer selector	
*1	Weekly scheduled timer	CLEANLINESS
•	Washable saranet filter	
•	Pre-charged for up to 7.5 m	
•	Self diagnosis	WORK & SERVICING
•	Auto random restart	
•	Group control by Network Interface Module (NIM)	CONTROL FEATURES
•	External command control using BAG	
*2	Anti corrosion treated heat exchangers	OTHERS

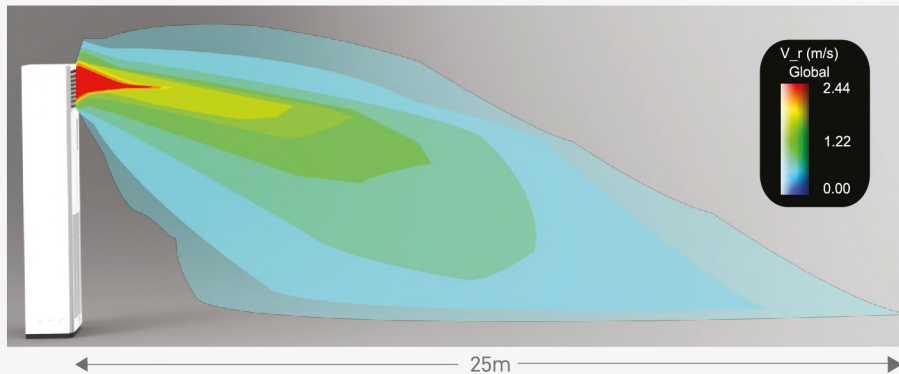
*1 Applicable when wired controller is used.

*2 The condenser comes with bare/blue fin. Gold fin condenser are optional.

EXCELLENT AIR DISTRIBUTION

FAR AIR FLOW

The Daikin Floor Standing is able to achieve air flow distance as far as 25m (size 160) which is about the size of a basketball court.



POWERFUL OPERATION

New powerful operation boosts airflow to maximum volume for a 20-minute period with highest fan speed. After this, the unit automatically returns to its previous settings.



AUTO-SWING MODE

This unit uses its automatic horizontal swing louver to spread Comfortable air flow to cool every corner of the room. Its vertical louvers are adjusted manually to match different interior spaces and partition as well as to avoid direct airflow



Auto horizontal swing



Manual setting of Vertical airflow louvers



SWITCHABLE FAN SPEED

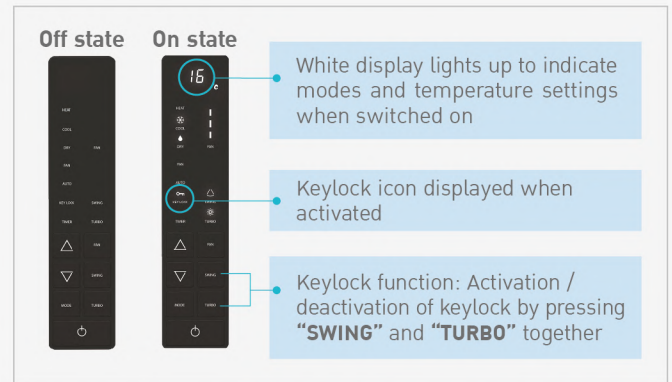
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USER FRIENDLY

USER-FRIENDLY CONTROLS

The Unit comes with a stylish black control panel with white LED light for clear. it comes with a keylock function to prevent setting change from unauthorised Personnel.



Additionally, This unit is incorporated with infrared sensor for usage with wireless controller which is supplied with the unit. Thus, it can be controlled using wireless controller for greater flexibility.

*Refer to handouts

INDOOR UNIT ON/OFF SWITCH

The unit can be conveniently started manually in the event the wireless remote controller is misplaced or the wireless remote controller batteries are not changed.

TIME SELECTOR

Operation starts when the preset time of the 'on' timer elapses and stops when the preset time of the 'off' timer elapses.

EASY MAINTENANCE

Safety clip

The safety clip feature allows users to remove the washable saranet filter with ease during maintenance. At the same time, it also acts as a safety feature to prevent the users from reaching into the electrical and mechanical components.



Space for water drain pump

There is a space in the unit below the fan that allows users to install an external condensate water pump.

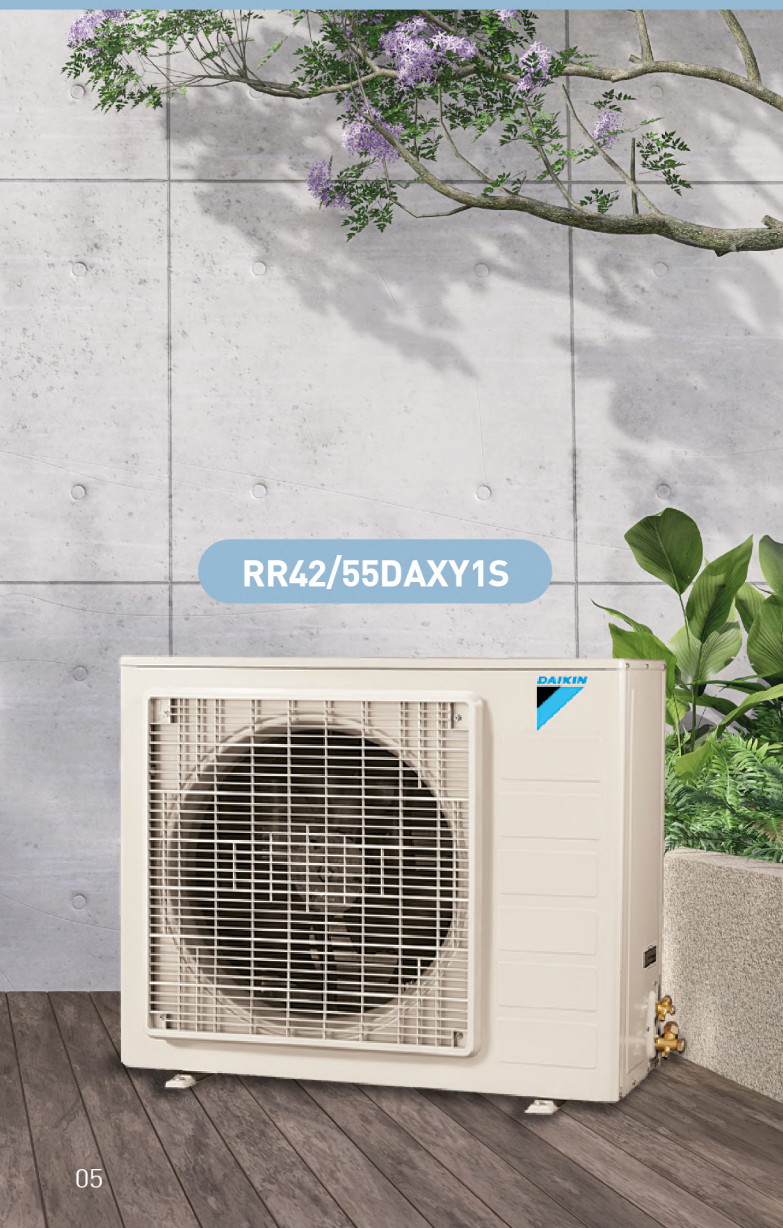


* The condensate water drain pump is separately purchased and field installed



OUTDOOR UNIT

COMPACT UNITS,
QUIET OPERATION



RR42/55DAXY1S

EQUIPPED WITH SCROLL COMPRESSOR FOR QUIET OPERATION

Smooth running, minimal vibration, low operating sound

Model	Sound pressure level, dB(A)
RR42D	60
RR55D	65



FITTED WITH WIDE INLET FAN

Fully shaped aerodynamic propellers are designed to push air with a large wing surface, providing both high blow volume and quiet operation with turbulence.



Wide inlet fan

PRE-CHARGED FOR UP TO 7.5 METRES

Model	Max. piping length, m	Max. piping elevation, m
RR42D	50	30
RR55D	45	25

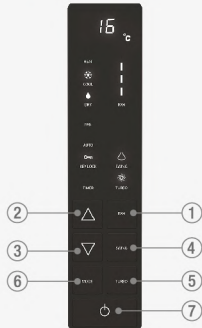
DURABILITY

- The unit is covered with corrosion-proof galvanized steel to enhance its durability.
- Heat exchange fins are provided with anti-corrosion treatment

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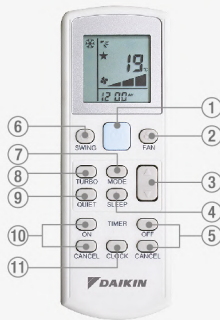
CONTROLLER

CONTROL PANEL*



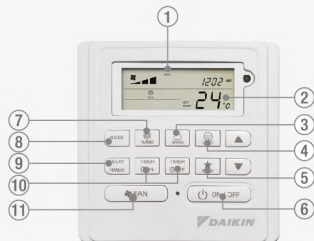
- ① Fan Speed (Auto/High/Medium/Low)
- ② Increase Set TEMP
- ③ Decrease Set TEMP
- ④ SWING
- ⑤ TURBO function
- ⑥ Operation mode selection (Cool/Heat/Dry/Fan)
- ⑦ ON/OFF Unit

WIRELESS CONTROLLER BRC52A62



- ① "Glow-in-the-dark" on/off switch
- ② Fan speed selection: Low, Medium, High, Auto
- ③ Temperature setting: Up & down
- ④ Sleep mode function
- ⑤ Off timer setting
- ⑥ Vertical auto-swing
- ⑦ Selectable mode: Cool, Dry, Fan
- ⑧ Turbo function
- ⑨ Quiet function
- ⑩ On timer setting
- ⑪ Real time clock

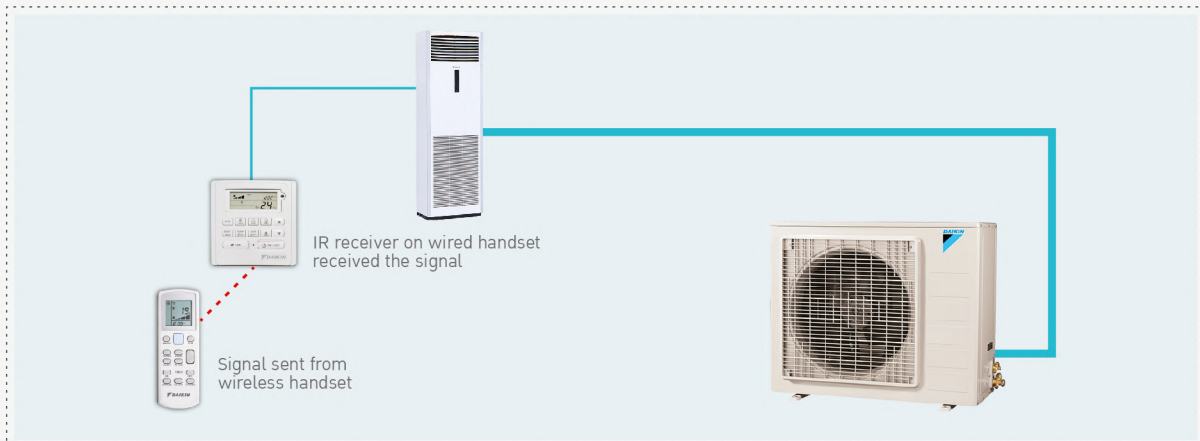
WIRED CONTROLLER BRC51A62 (OPTIONAL)**



- ① Real time clock and day display
- ② Temperature operate in °C and °F
- ③ Swing function
- ④ Quiet function
- ⑤ Sleep function
- ⑥ On/Off switch
- ⑦ Turbo function
- ⑧ Cool, Dry, Fan mode
- ⑨ Delay timer (1 or 2 hours)
- ⑩ 7-days programmable timer
- ⑪ Low, Medium, High, Auto fan speed

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Wired controller BRC51A62 can directly be connected to the unit's main board to start operating without extra setting or modification. It also has a built-in temperature sensor that enables temperature sensing closer to target area improved comfort (no setting required to activate the handset temperature sensor).



Remarks: * Control panel can't be used with wired remote controller.

** To install wired remote controller, installer must remove control panel port from mainboard and connect wired remote control port instead

NETWORK CONTROLS

Control by external command using BMS Access Gateway (BAG)



The BAG controls consist of:

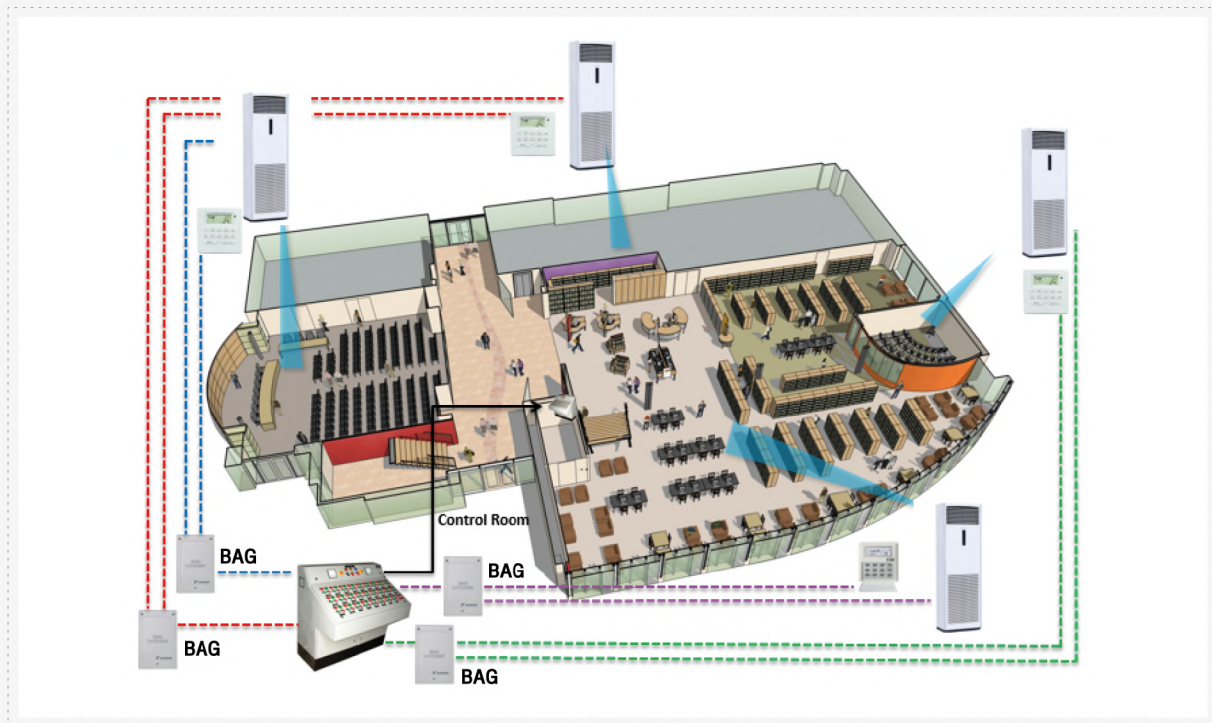
- Mainboard
- Control panel (BRC51A62)
- BAG controller
- Communication bus

BAG interfaces the air conditioner unit to BMS system via input contacts, resistance inputs and dry contacts outputs which allows the monitoring and controls of the air conditioner. The BAG enables:

- Controls of the air conditioner unit's on/off status, operation mode, fan speed setting, room temperature setting as well as forcing off the unit in the event of fire.
- Indication to warn the control room in the event of air conditioner failure.
- Maximum point-to-point distance of 1100m (please refer to the installation manual)

Input	Input Controls	Applications
Input contacts	Force off/un-changed	Smoke alarm system
	On/Off	Long distance unit on/off control
Resistance inputs	Temperature setting (16°C-30°C)	Long distance unit temperature setting control
Output	Output Indications	Applications
Relay outputs	On/Off status	Long distance unit operation status monitoring
	Unit faulty/normal	

Individual air conditioners can be turned on from the control room's input contact connection



Note:

Communication bus: A 2-way twisted pair cable is used as the communication bus. Recommended cable for communication bus is a pair of screened and shielded, twisted single core wire with core diameter of 0.5mm to 1.0mm.



SPECIFICATION

Model	Indoor unit			FVRN42B		FVRN55B		
	Outdoor unit			RR42DA		RR55DA		
Operating Limit				°C	19-46		19-46	
Cooling Capacity				Btu/h	41,300		51,000	
				kW	12.10		15.00	
Total Input Power				W	4,530		5,490	
Total Running Current				A	7.30		9.35	
EER				W/W	2.67		2.73	
CSPF				Wh/Wh	2.84		2.90	
Power supply				V/Ph/Hz	380-415 / 3 / 50			
					Power from Outdoor			
Indoor unit	Airflow	H	CFM	1,035		1,170		
		M	CFM	945		1,085		
		L	CFM	845		985		
	Sound Pressure Level	H	dB(A)	49		54		
		M	dB(A)	47		53		
		L	dB(A)	44		51		
	Unit Dimensions (H x W xD)	Unit	mm	1,850 x 600 x 350				
		Packaging	mm	1,988 x 760 x 498				
	Machine Weight	Unit	kg	45		51		
Outdoor unit	Sound Pressure Level		dB(A)	60		65		
	Unit Dimensions (H x W xD)	Unit	mm	852 x 1,030 x 400				
		Packaging	mm	995 x 1,136 x 516				
	Machine Weight		kg	95		105		
Pipe Connections			Liquid (Flare)	9.5 mm / 3/8 Inch / 3 Hun				
			Gas (Flare)	15.9 mm / 5/8 Inch / 5 Hun		19.1 mm / 3/4 Inch / 6 Hun		
			Drain	19.05 mm				
Maximum Piping Length			m	50		45		
Maximum Piping Elevation			m	30		25		

Note: Rated cooling capacities are based on the following conditions: Indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; piping length: 7.5m

WARNING

- Daikin products are manufactured for export to numerous countries throughout the world. Prior to purchase, please confirm with your local authorised importer, distributor and/or retailer whether this product conforms to the applicable standards, and is suitable for use, in the region where the product will be used. This statement does not purport to exclude, restrict or modify the application of any local legislation
- Use only those parts and accessories supplied or specified by Daikin.
- 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.

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

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1 YEAR
WARRANTY

รับประกัน
ทุกชิ้นส่วน 1 ปี

1 YEAR
WARRANTY

รับประกันแผงคอยล์ร้อน 1 ปี

5 YEARS
WARRANTY

รับประกัน
คอมเพรสเซอร์ 5 ปี

WARRANTY

CERTIFICATE OF DAIKIN QUALITIES

1990-1999



Company established and 1st-2nd Factory established



Japanese Industrial Standard (JIS) Certification.



Japanese Electric Safety Standard Certification.



ISO 9002 Certification for Quality Control.



ISO 14001 Certification for Environment Management.

2000-2004



Production Warehouse established



ISO 9001:2000 Certification for Quality Control.



OHSAS 18001 Certificate for Safety & Occupational Health Management



The Prime Minister's Industry Award Environmental Quality Preservation

2005-2009



3rd Factory established for RA Model.



Accredited ISO/IEC 17025 (Laboratory Calibration Standard).



ISO 27001 Certification for Information Security Management System



The Prime Minister's Industry Awards Quality & Productivity management.
Thailand Energy Awards

2012



Change transport method by vehicle + trailer to reduce CO₂ emission from gas exhaust of engine.



Increase assembly line (F5A) for new Hair pin Ø5 (Super Cassette).



The Prime Minister's Industry Award Safety Management

2014

25th Anniversary (15th million unit).

Start production of air conditioner with the new refrigerant (R32) for RA model.

Product	2014	2015	2016
RA	1,000,000	1,000,000	1,000,000
RA2-RA4	1,000,000	1,000,000	1,000,000
RA5-RA6	1,000,000	1,000,000	1,000,000
RA7-RA8	1,000,000	1,000,000	1,000,000
RA9-RA10	1,000,000	1,000,000	1,000,000
RA11-RA12	1,000,000	1,000,000	1,000,000
RA13-RA14	1,000,000	1,000,000	1,000,000
RA15-RA16	1,000,000	1,000,000	1,000,000
RA17-RA18	1,000,000	1,000,000	1,000,000
RA19-RA20	1,000,000	1,000,000	1,000,000

Start "R32"



The Prime Minister's Industry Award Logistics (SCM) Management.

2016



R&D Building to expand research and development products in Thailand aim to Hub of R&D in Asia Oceania.



Robot for product lifter for product transportation to assortment area and the product has heavy weight.



The Prime Minister's Industry Award Energy Management.



บริษัท ไดกิน อินดัสทรีส์ (ประเทศไทย) จำกัด

ได้รับรางวัลอุตสาหกรรมยอดเยี่ยมประจำปี 2561
The Prime Minister's Best Industry Award

โดยได้รับการพิจารณาเลือกจากผู้ที่เคยได้รับรางวัลอุตสาหกรรมดีเด่นมาแล้วอย่างน้อย 3 รางวัล จากทั่วประเทศ เพียงปีละ 1 รางวัล ซึ่งนับถึงปัจจุบันไดกินได้รับรางวัลอุตสาหกรรมดีเด่นมาแล้วทั้งหมด 6 รางวัล



รางวัลแห่งเกียรติยศ ความภาคภูมิใจสูงสุด



2018



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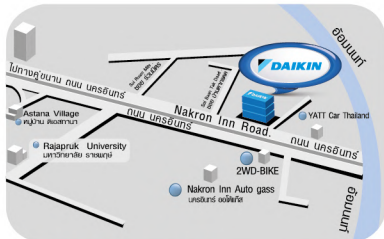
COOL LINE

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ทุกวัน เวลา 7.00 - 24.00 น.



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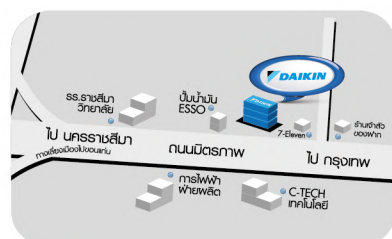
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