DAIKIN

Perfecting the Air

PERFECTING THE FUNCTION
SPACE SAVING WITH STYLE

R410A

DAIKIN FLOOR STANDING

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

DAIKIN

Perfecting the Air

FLOOR STANDING TYPE

Space Saving with style and functionality

R410A

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

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

Wired controller: BRC51A62
*optional

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	
●	Washable saranet filter	CLEANLINESS
●	Pre-charged for up to 7.5 m	WORK & SERVICING
●	Self diagnosis	
●	Auto random restart	CONTROL FEATURES
●	Group control by Network Interface Module (NIM)	
●	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.

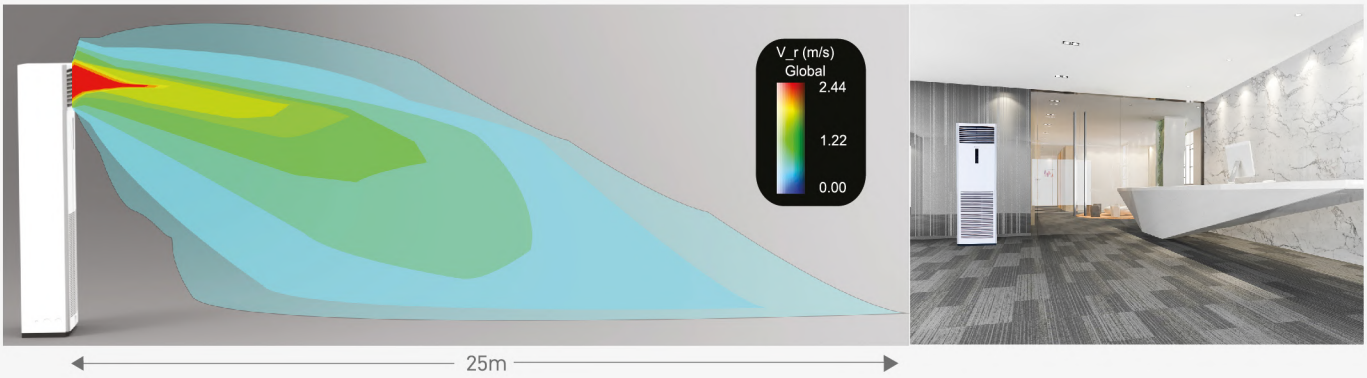
EXCELLENT AIR DISTRIBUTION

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

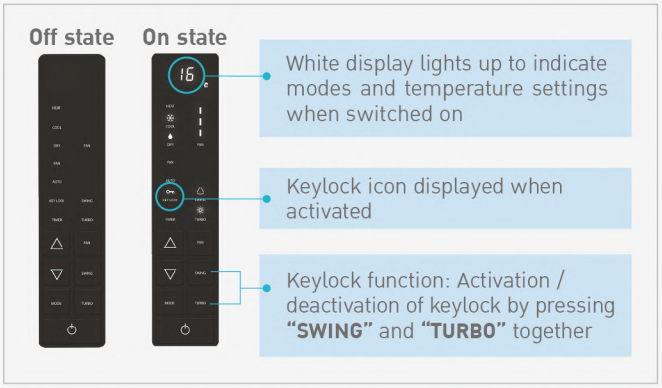
SWITCHABLE FAN SPEED

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

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

DAIKIN
Perfecting the Air

OUTDOOR UNIT
COMPACT UNITS, QUIET OPERATION

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

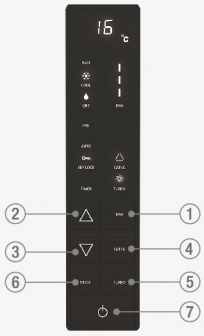
Model	Max. piping length, m	Max. piping elevation, m
RR42D	50	30
RR55D	45	25

DURABILITY

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

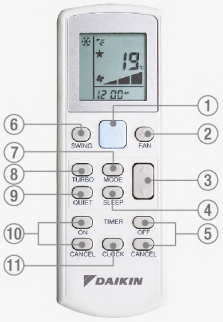
CONTROLLER

CONTROL PANEL*



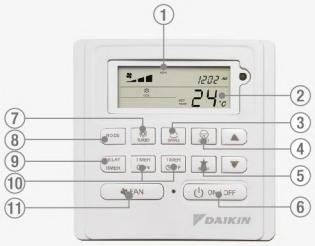
① Fan Speed (Auto/High/Medium/Low)
② Increase Set TEMP
③ Decrease Set TEMP
④ SWING
⑤ TURBO function
⑥ Operation mode selection (Cool/Heat/Dry/Fan)
⑦ ON/OFF Unit

WIRELESS CONTROLLER BRC52A62



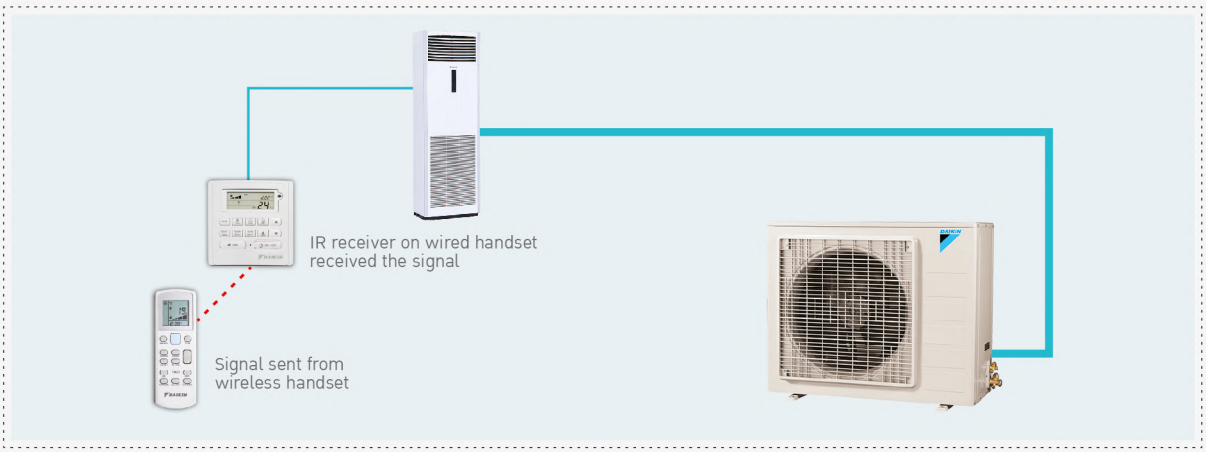
① "Glow-in-the-dark" on/off switch
② Fan speed selection: Low, Medium, High, Auto
③ Temperature setting: Up & down
④ Sleep mode function
⑤ Off timer setting
⑥ Vertical auto-swing
⑦ Selectable mode: Cool, Dry, Fan
⑧ Turbo function
⑨ Quiet function
⑩ On timer setting
⑪ Real time clock

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

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)

RR42/55DAXY1S

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:

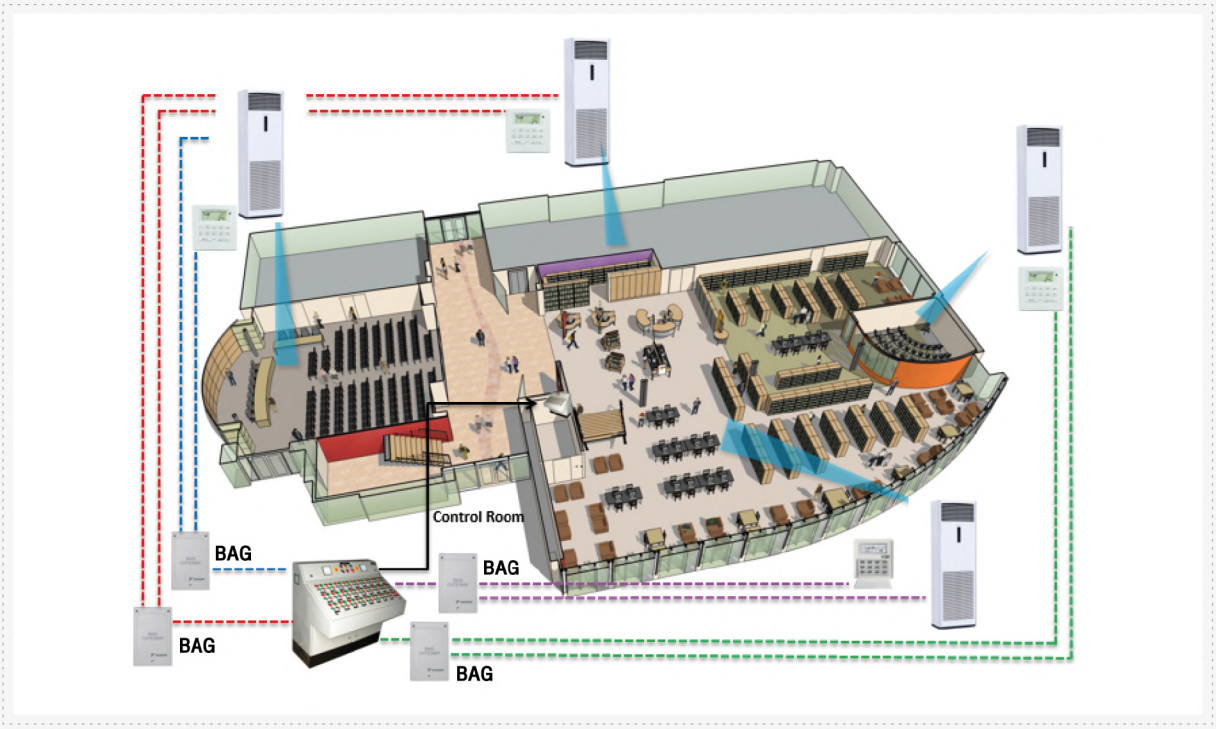
- Controls of the air conditioner unit's on/off status, operation mode, fan speed setting, room temperature setting as well as forcing off the unit in the event of fire.
- Indication to warn the control room in the event of air conditioner failure.
- Maximum point-to-point distance of 1100m (please refer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

The BAG controls consist of:

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

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.

DAIKIN

Perfecting the Air

Sky Air R410A

1 YEAR WARRANTY
รับประกันทุกชิ้นส่วน 1 ปี

1 YEAR WARRANTY
รับประกันแผงคอยล์ร้อน 1 ปี

5 YEARS WARRANTY
รับประกันคอมเพรสเซอร์ 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

ISO9001:2000 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 CO emission from gas exhaust of engine.

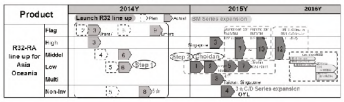
Increase assembly line (F5A) for new Hair pin Ø5 (Super Cassette).

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.



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 ไดกิ้น อินดัสทรีส์ (ประเทศไทย) จำกัด
ได้รับรางวัลอุตสาหกรรมยอดเยี่ยมประจำปี 2561
The Prime Minister's Best Industry Award

โดยได้รับการพิจารณาคัดเลือกจากผู้ที่เคยได้รับรางวัลอุตสาหกรรมดีเด่นมาแล้วอย่างน้อย 3 รางวัล จากทั่วประเทศ เพียงปีละ 1 โรงงาน ซึ่งจนถึงปัจจุบันไดกิ้นได้รับรางวัลอุตสาหกรรมดีเด่นมาแล้วทั้งหมด 6 รางวัล

รางวัลแห่งเกียรติยศ ความภาคภูมิใจสูงสุด

กระทรวงอุตสาหกรรม Ministry of Industry

2018

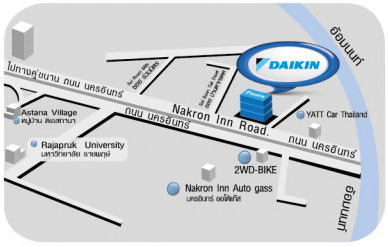
CONTACT CENTER

ศูนย์บริการไดกิ้น สำนักงานใหญ่

ที่อยู่ 22 ซอยอ่อนนุช 55/1 ถนนอ่อนนุช
แขวงประเวศ เขตประเวศ กรุงเทพฯ 10250

COOL LINE 1271
บริการ-แจ้งซ่อม ทุกวัน

สายด่วนเพื่อคุณ เรายินดีให้บริการ ทุกวัน เวลา 7.00 - 24.00 น.



ศูนย์บริการไดกิ้น สาขานนทบุรี
89/8-9 หมู่ 2 ต.บางขนุน อ.บางกรวย จ.นนทบุรี 11130
Tel..02-408-9254, 02-408-9255, 02-408-9256

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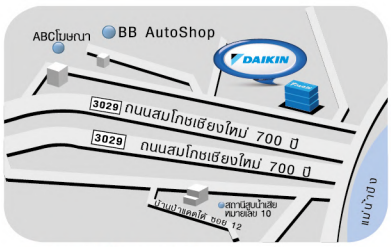
24/145-6 หมู่ 2 ต.รัษฎา อ.เมืองภูเก็ต จ.ภูเก็ต 83000
Tel. 076-373-154-6



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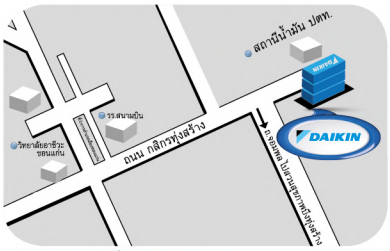
199/11-13 หมู่ 7 ต.ป่าแดด อ.เมืองเชียงใหม่ จ.เชียงใหม่ 50100
Tel. 053-296-051-2, 053-296-061, 053-296-092-4



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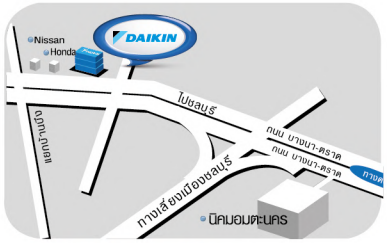
555/15-16 ถ.กสิกรทุ่งสร้าง ต.ในเมือง อ.เมืองขอนแก่น
จ.ขอนแก่น 40000 Tel. 043-306-710-6



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Tel. 038-016-950-5

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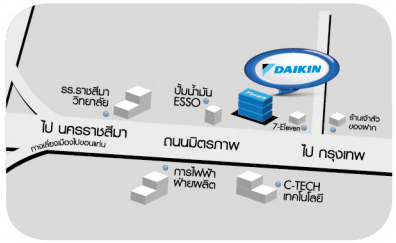
โครงการมั่งมีนคร 44/4-44/5 หมู่ 10 ต.คลองหนึ่ง อ.คลองหลวง
จ.ปทุมธานี 12120 Tel: 0-2056-8200-4



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www.daikin.co.th

ผู้จำหน่าย

หมายเหตุ : สิ่งเสนอนี้ใช้สำหรับงานเปิดตัวสินค้า รายละเอียดของสินค้าอาจมีการเปลี่ยนแปลงได้ โดยไม่จำเป็นต้องแจ้งให้ทราบล่วงหน้า

COOL LINE 1271
บริการ-แจ้งซ่อม ทุกวัน