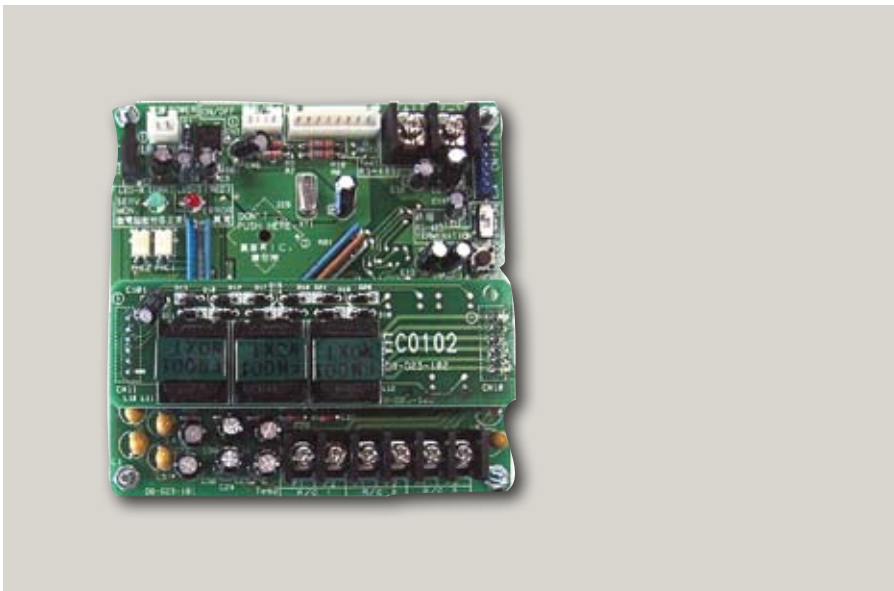




BASIC SOLUTION FOR CONTROL OF SKY AIR® AND VRV®

NETWORK SOLUTIONS



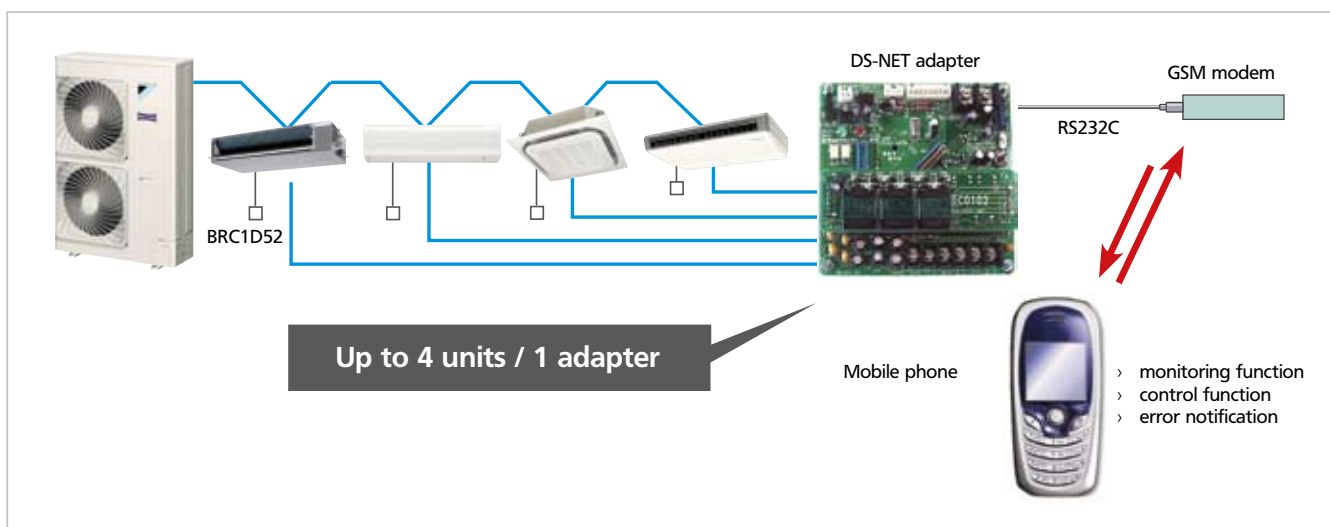
DSnet

www.daikin.eu

1. CONTROL YOUR AIR CONDITIONING UNITS VIA YOUR MOBILE PHONE

Up to 4 Daikin air conditioning units (Sky Air® or VRV®) can be connected to a DS-NET adapter and a third party GSM modem to allow operation and control via your mobile phone.

SYSTEM LAYOUT



FEATURES

1. Monitoring Functions

You can monitor your air conditioning units by simply sending a text message with your mobile phone with the word "Report":

- > Start/stop
- > Operation mode (fan/cool/heat)
- > Temperature setting
- > Error code

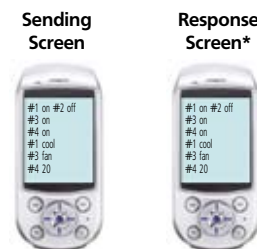
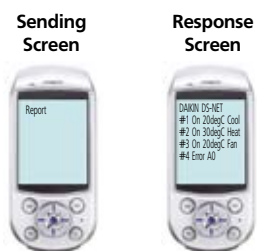
2. Control Functions

You can control your air conditioning units by simply sending a text message via your mobile phone:

- > Start/stop
- > Operation mode (fan/cool/heat)
- > Temperature setting

3. Error Notification

When an error occurs, a text message will be sent automatically to your mobile phone (error notification).

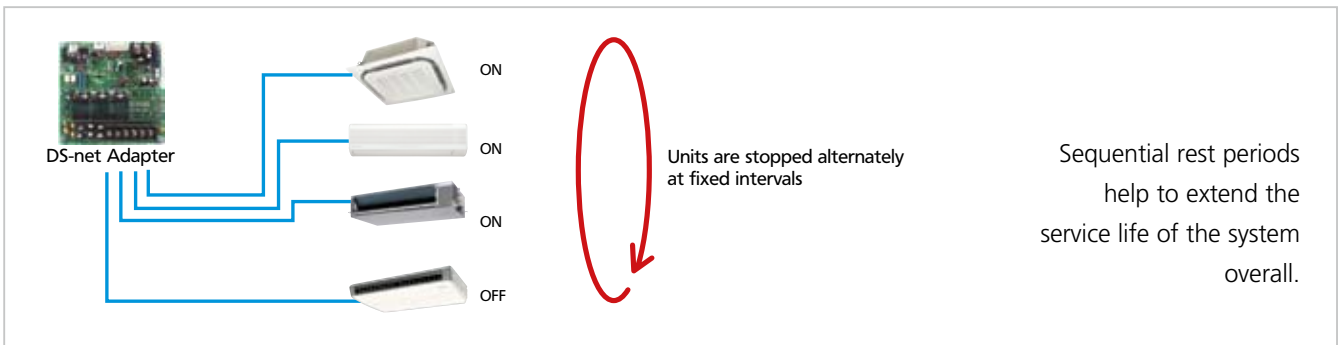


* You can select whether or not you want to receive a response.

2. STAND ALONE OPERATION

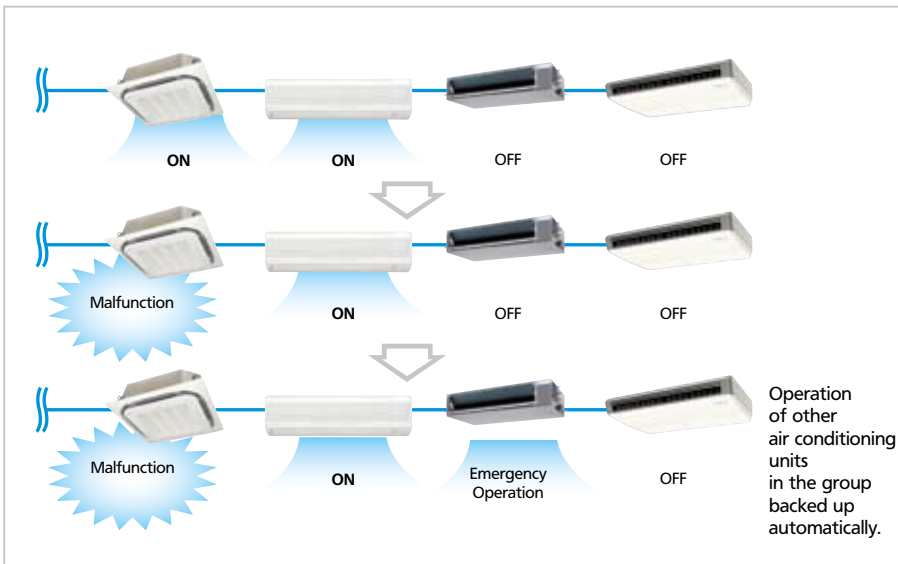
1. Rotation Function

The rotation function automatically shuts down the air conditioning units one at a time in a single group, at fixed intervals. This lowers the operating load on each unit, extends service life and reduces the rate at which breakdowns occur.



2. Back-up Operation Function

The back-up operation function automatically switches the remaining units to emergency operation mode if one of the air conditioning units in a group malfunctions. This prevents the entire air conditioning system from shutting down at once and ensures that the indoor temperature does not rise suddenly before repairs can be completed.



3. SPECIFICATIONS

		DTA113B51
Supply - Voltage		DC 16V supplied from R/C line
Maximum number of connectable indoor units		4 units per adapter PCB (via GSM)
Forced ON/OFF input		Non-voltage (normal) 'a' contact x each point
Dimensions (mm)		100x100x35
Installation method		Built into the indoor unit or placed inside a box especially built for it
Communication functions	via GSM	RS232C, GSM modem
Ambient temperature/humidity conditions for operation		-10 ~ 50°C, max. of 95% RH
Control functions	via GSM	Start/stop, operation mode (fan/cool/heat), temperature setting
Monitoring functions	via GSM	Start/stop, operation mode (fan/cool/heat), temperature setting, error code
Malfunction monitoring functions		Malfunction reporting function
Automatic alternating operation functions	via GSM	Yes
Back-up operation functions	via GSM	Yes

APPLICABLE MODELS

All Sky Air® and VRV® units can be connected.

NOTES

1. A remote control is required for each indoor unit connected to this adapter.
2. If this adapter is attached, dual remote control operation is not possible. Also, combined use with an infrared remote control is not possible.
3. Combined use with centralized remote controls, Intelligent Touch controller, BACnet® Gateway and a group distance control adapter is not possible.
4. This adapter is compatible with a wide range of indoor units equipped with remote control wiring. However, in certain cases an installation box or installation board will be required. (4 power cables with different lengths are included in the package.)
5. Network equipment, an Internet service provider contract, an AT modem as specified above etc, are in order to connect to the Internet.
Note that it may not be possible to install the system due to the condition of the telephone line.



Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues.

For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.



Daikin Europe N.V. is approved by LRQA for its Quality Management System in accordance with the ISO9001 standard. ISO9001 pertains to quality assurance regarding design, development, manufacturing as well as to services related to the product.



ISO14001 assures an effective environmental management system in order to help protect human health and the environment from the potential impact of our activities, products and services and to assist in maintaining and improving the quality of the environment.



Daikin units comply with the European regulations that guarantee the safety of the product.

VRV® products are not within the scope of the Eurovent certification programme.

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