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 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.

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

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 development and implementation of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.

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

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.

The present publication is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V. Daikin Europe N.V. has compiled the content of this publication to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, In the broadest sense, arising from or related to the use and/or interpretation of this publication. All content is copyrighted by Daikin Europe N.V.
Part 1 Intelligent Manager Installation Manual ............................. 1

1. Components .............................................................................. 2
2. Names and functions of each part ........................................... 2
3. Installation ................................................................................ 4
4. D III-NET master setting ......................................................... 6
5. Malfunction of unit ................................................................. 6
6. Electric Wiring Connection ....................................................... 7
7. Setting group No. for centralized control ................................. 10

Part 2 Intelligent Manager Operation Manual ............................... 11

1. Before Use .................................................................................. 12
   1.1 The features of intelligent Manager ........................................ 12
   1.2 Important Notes ................................................................. 12
   1.3 Functional Outline of intelligent Manager .............................. 13
2. Basic Screen and Screen Directory ............................................. 14
   2.1 Basic Screen Layout ........................................................... 14
   2.2 Screen Directory ............................................................... 15
3. Starting and Stopping Operation of intelligent Manager ................ 17
   3.1 Starting Operation ............................................................. 17
   3.2 Stopping Operation (up to Power Supply OFF) ...................... 18
   3.3 Power Failure Management: Automatic Stop/Restart ............. 18
   3.4 Emergency Stop Management: Fire State/Release ................ 19
4. Logging in/Logging out ............................................................... 20
   4.1 Logging in ........................................................................... 20
   4.2 Logging Out ....................................................................... 20
5. Operation Details ........................................................................ 21
   5.1 Management Groups .......................................................... 21
   5.2 Control Groups ................................................................... 36
   5.3 Visual Navigation ............................................................... 40
   5.4 Setting the Schedule ........................................................... 42
   5.5 Interlocking Function .......................................................... 54
   5.6 Data Management .............................................................. 64
   5.7 System options .................................................................... 80
   5.8 Moving between Screens ..................................................... 101
   5.9 Help .................................................................................... 104
   5.10 Malfunction Display and History Management .................... 105
   5.11 Energy saving Functions (Option) ....................................... 108
   5.12 Web Functions (Option) ..................................................... 114
6. Database Maintenance ............................................................... 127
7. Troubleshooting ....................................................................... 129
# Part 3 Web Option Operation Manual

1. Safety Considerations ........................................................................ 131
2. Before Starting .................................................................................. 132
3. Web Interface of the Intelligent Manager ......................................... 134
4. Overview ............................................................................................ 135
5. Basic Mode ....................................................................................... 139
6. Advanced Mode ................................................................................ 154
7. About System Setup Menu ............................................................... 166
8. Schedule Menu Configuration ........................................................... 172
9. Menu Structure of Proportional Distribution Function ...................... 188
10. Before Contacting Us: Troubleshooting ........................................... 194
Part 1
Intelligent Manager Installation Manual

1. Components .................................................................................................................. 2
2. Names and functions of each part ................................................................................ 2
3. Installation ...................................................................................................................... 4
4. D III-NET master setting ............................................................................................. 6
5. Malfunction of unit ....................................................................................................... 6
6. Electric Wiring Connection .......................................................................................... 7
7. Setting group No. for centralized control ..................................................................... 10
1. Components

The following parts are attached to this unit.
Make sure to check them before installation.

<table>
<thead>
<tr>
<th>Part</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intelligent Processing Unit</td>
<td>1 Set</td>
</tr>
<tr>
<td>Installation Manual</td>
<td>1 Copy</td>
</tr>
</tbody>
</table>

2. Names and functions of each part
### LED display

<table>
<thead>
<tr>
<th>Function</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU ALIVE</td>
<td>It flashes when the unit is normal operation.</td>
</tr>
<tr>
<td>CPU ALRM</td>
<td>It flashes when the unit is abnormal operation.</td>
</tr>
<tr>
<td>DIII-1</td>
<td>It flashes when it receives/transmits data from/to the equipment connected with DIII-1 such as air conditioners</td>
</tr>
<tr>
<td>DIII-2</td>
<td>It flashes when it receives/transmits data from/to the equipment connected with DIII-2 such as air conditioners</td>
</tr>
<tr>
<td>Ether RCV</td>
<td>It flashes when it receives data to PC</td>
</tr>
<tr>
<td>Ether Link</td>
<td>It lights when the 10 BASE-T cable or 100 BASE-TX cable is connected</td>
</tr>
<tr>
<td>RS485(TxD)</td>
<td>It flashes when it transmits data to Corresponding equipment</td>
</tr>
<tr>
<td>RS485(RxD)</td>
<td>It flashes when it receives data to Corresponding equipment</td>
</tr>
<tr>
<td>RS232C-1(TxD)</td>
<td>It flashes when it transmits data to Corresponding equipment</td>
</tr>
<tr>
<td>RS232C-1(RxD)</td>
<td>It flashes when it receives data to Corresponding equipment</td>
</tr>
<tr>
<td>RS232C-2(TxD)</td>
<td>It flashes when it transmits data to Corresponding equipment</td>
</tr>
<tr>
<td>RS232C-2(RxD)</td>
<td>It flashes when it receives data to Corresponding equipment</td>
</tr>
</tbody>
</table>

**CAUTION**

There are neither DIII-NET 3, 4 in DAM602B62.
3. Installation

Don't fail to turn OFF the indoor unit power switch before installing intelligent Processing Unit. Failure to observe this instruction could result in electric shock.

- **Location**
  Make sure to install the unit on the inside of the inaccessible and lockable (or needed to use exclusive tools to open) electrical component box installed indoors where the effect of electromagnetic wave or dust can be avoided.
  The minimum depth required for installation is 100mm.

- **Required installation space**
  Keep the minimum amount of space indicated in the below drawing from walls, and between units when installed in series.

Fix the intelligent Processing Unit firmly with the installation screws (M4)
How to install

For installation direction follow the drawing shown below.

Make sure to install the unit vertically. Do not install the unit horizontally, because it may cause malfunction.

Setting “BACK-UP BATTERY VALIDATE” switch (shifted to OFF when being shipped from the shop. - Back-up battery set to [INVALIDATE])

For the switch to back up the clock, etc. in case of any power failure, actuate it from OFF side (knob is located above) to ON side (knob is located below) as shown in the sketch below.

Be sure to turn on the battery backup switch. When this switch is OFF, time data etc. may be lost at power failure.
4. D III-NET master setting

Make sure to connect the unit with DIII - NET master.

Remove the master central setting connectors of the intelligent Touch Controller or centralized management controller or ON/OFF controller.

When using together with other centralized controllers such as intelligent Touch Controller or centralized management controller or ON/OFF controller.

5. Malfunction of unit
6. Electric Wiring Connection

Don't fail to turn OFF the indoor unit power switch before installing intelligent Processing Unit. Failure to observe this instruction could result in electric shock.

Everything relating with field wiring must be supplied in the field.

**Cautions for wiring**

1. Do not use multicore cables with three or more cores
2. Use wires of sizes between 0.75mm² and 1.25mm²
3. Do not bind the wire for D III-NET
4. Wirings for D III-NET must be isolated from the power lines
5. Wire length: Max 1000m

**No voltage contact input wiring**

**Di wiring**
Cautions for wiring

1. The input are all the no voltage contact.
2. Use a contact which can guarantee minimum application load DC16V and 10mA.
3. Do not use multicore cables with three or more cores.
4. Use wires of sizes between 0.75mm$^2$ and 1.25mm$^2$.
5. Do not bind the wire for control.
6. Wirings for control must be isolated from the power lines.
7. Terminals G are inter-connected. Connecting to either one is allowed, but the number of cables connectable to one terminal is limited to 2 pieces.
8. Wire length: Max 150m.
9. Terminal Screw: Flat-blade screw (Do not use Philips screwdriver)
   Acceptable recommendation tool: Flat-blade screwdriver
   width: 3mm
   thickness: 0.5mm
No voltage contact output wiring

DAM602B51, 52

Recommended wire size 0.75–2mm²

Lamp or the like

Lamp or the like

Terminal contact size: M3.5

No voltage contact output contact specification is as follows:
- Allowable current: 10mA–1A
- Allowable voltage: MAX. AC250V

Cautions for wiring

1. Do not use multicore cables with three or more cores
2. Use wires of sizes between 0.75mm² and 2mm²
3. Do not bind the wire for control.
4.Wirings for control must be isolated from the power lines
5. Wire length: Max 150m

Connection to public telephone line

Connect to the telephone line in order to monitor the air-conditioner via Air Conditioning Network Service System service.
Connect to modular cable from the public telephone line to the upper connector with a stamping of LINE, and connect the modular cable of the telephone to the lower connector with a stamping of PHONE, as shown in the sketch below.

Cautions for wiring

1. Don’t clamp these cables together with high voltage cables. Failure to observe this instruction would cause control error.
2. When using Air Conditioning Network Service System service, it is necessary to use a separate modem specified by us and enter into Maintenance Agreement with charge.
7. Setting group No. for centralized control

Turn ON the power to the intelligent Processing Unit following the below procedure, set the group numbers for the indoor units connected to the DIII-NET. This group number is set for each indoor unit system. (When not using the remote control, the remote control is to be connected just for making settings but must be disconnected when finished.)

Preparations

- Check no troubles exist with installation and wiring before turning ON the power.
- Turn ON the power to the indoor unit and intelligent Processing Unit Setting is not possible with the power OFF.
- Nothing is wrong with the equipment if “88” is displayed when power is turned ON. This may happen and the unit may not respond to operation, but the situation should last only a moment.

1. Hold down 1ST button for 4 seconds or more to enter the field set mode.
2. Press  and set the group No. to “00” and the mode No.
3. Press  and set the group No. Group No. increases in the order of 1-00, 1-01, 1-15, 2-00, 4-15, Set the group No. when “GROUP” on the liquid crystal display is flashing.

- Press the flashing of GROUP on the liquid crystal display.

4. Press  to set the group No.

5. Press  This will return the system to the normal mode

• For details on making settings from the simplified remote control, refer to the instruction manual of the unit.
• For details on making settings of the group No. of the Ventiaire or adapters (wiring adapter for other air conditioners etc.) refer to the instruction manual of the said unit.