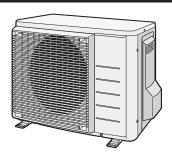


Installation manual

R32 split series



ARXM25N2V1B9 ARXM35N2V1B9

RXM20N2V1B9 RXM25N2V1B9 RXM35N2V1B9

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CE - DICHIARAZIONE-DI-CONFORMITA
CE - ΔΗΛΩΣΗ ΣΎΜΜΟΡΦΩΣΗΣ KONFORMITÄTSERKLÄRUNG DECLARATION-DE-CONFORMITE CONFORMITEITSVERKLARING

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Daikin Industries Czech Republic s.r.o.

declares under its sole responsibility that the air conditioning models to which this declaration relates: erklärt auf seine alleinige Verantwortung daß die Modelle der Klimageräte für die diese Erklärung bestimmt ist: 80 - 3 - 0 - 3

déclare sous sa seule responsabilité que les appareils d'air conditionné visés par la présente déclaration;

verklaart hierbij op eigen exclusieve verantwordelijkheid dat de aironditioning units waanop deze verklaring betrekking heeft.

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declara sob sua exobusiva responsabilidade que os modelos de ar condicionado a que esta declaração se refere.

заявляет, исключительно под свою ответственность, что модели кондиционеров воздуха, к которым относится настоящее заявление:

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RXM20N2V1B9, RXM25N2V1B9, RXM35N2V1B9, ARXM25N2V1B9, ARXM35N2V1B9,

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Machinery 2006/42/EC

Electromagnetic Compatibility 2014/30/EU

Low Voltage 2014/35/EU

EN60335-2-40

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07 Σημείωση*

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conformément au Certificat <C> overeenkomstig Certificaat <C>

03 Remarque* 02 Hinweis*

04 Bemerk*

05 Nota*

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como se establece en <A> y es valorado positivamente por de acuerdo con el Certificado <C>

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kā norādīts <A> un atbilstoši pozitīvajam vērtējumam ako bolo uvedené v <A> a pozitívne zistené v súlade съгласно **Сертификата <С>** kaip nustatyta **<A>** ir kaip teigiamai nuspręsta **** pagal <A>'da belirtildiği gibi ve <C> Sertifikasına göre tarafından olumlu olarak değerlendirildiği gibi. saskaņā ar sertifikātu < s osvedčením <C>. 24 Poznámka* 22 Pastaba* 25 Not*

както е изложено в <A> и оценено положително от

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<C> 2159619.0551-EMC

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DAIKIN INDUSTRIES CZECH REPUBLIC S.T.O.

U Nové Hospody 1/1155, 301 00 Plzeň Skvrňany, Czech Republic

Pilsen, 3rd of December 2018 Managing Director Yasuto Hiraoka

3P475203-14F

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About the documentation

1.1 About this document



INFORMATION

Make sure that the user has the printed documentation and ask him/her to keep it for future reference.

Target audience

Authorised installers

Documentation set

This document is part of a documentation set. The complete set consists of:

· General safety precautions:

- · Safety instructions that you MUST read before installing
- · Format: Paper (in the box of the outdoor unit)

· Outdoor unit installation manual:

- Installation instructions
- Format: Paper (in the box of the outdoor unit)

Installer reference guide:

- Preparation of the installation, reference data,...
- · Format: Digital files on http://www.daikineurope.com/supportand-manuals/product-information/

Latest revisions of the supplied documentation may be available on the regional Daikin website or via your dealer.

The original documentation is written in English. All other languages are translations.

Technical engineering data

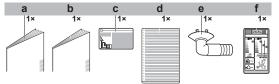
- · A subset of the latest technical data is available on the regional Daikin website (publicly accessible).
- The full set of latest technical data is available on the Daikin extranet (authentication required).

2 About the box

2.1 **Outdoor unit**

2.1.1 To remove the accessories from the outdoor unit

- 1 Lift the outdoor unit.
- Remove the accessories at the bottom of the package.



- General safety precautions
- Outdoor unit installation manual
- Fluorinated greenhouse gases label
- Multilingual fluorinated greenhouse gases label
 Drain plug (located on the bottom of the packing case)
- Energy label

3 **Preparation**

3.1 Preparing the installation site



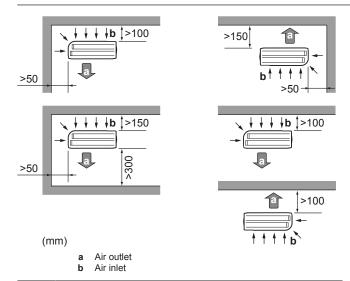
WARNING

The appliance shall be stored in a room without continuously operating ignition sources (example: open flames, an operating gas appliance or an operating electric heater).

3.1.1 Installation site requirements of the outdoor unit

Mind the following spacing guidelines:

4 Installation



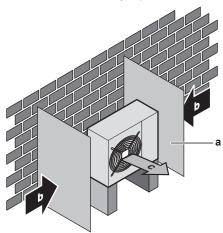


NOTICE

The height of the wall on the outlet side of the outdoor unit MUST be \leq 1200 mm.

It is recommended to install a baffle plate when the air outlet is exposed to wind.

It is recommended to install the outdoor unit with the air inlet facing the wall and NOT directly exposed to the wind.



- a Baffle plate
- **b** Prevailing wind direction
- c Air outlet

Do NOT install the unit in sound sensitive areas (e.g. near a bedroom), so that the operation noise will cause no trouble.

Note: If the sound is measured under actual installation conditions, the measured value might be higher than the sound pressure level mentioned in "Sound spectrum" in the data book due to environmental noise and sound reflections.

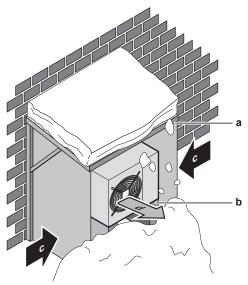


INFORMATION

The sound pressure level is less than 70 dBA.

3.1.2 Additional installation site requirements of the outdoor unit in cold climates

Protect the outdoor unit against direct snowfall and take care that the outdoor unit is NEVER snowed up.



- a Snow cover or shed
- **b** Pedestal
- c Prevailing wind direction
- d Air outlet

In any case, provide at least 300 mm of free space below the unit. Additionally, make sure the unit is positioned at least 100 mm above the maximum expected level of snow. See "4.1 Mounting the outdoor unit" on page 4 for more details.

In heavy snowfall areas it is very important to select an installation site where the snow will NOT affect the unit. If lateral snowfall is possible, make sure that the heat exchanger coil is NOT affected by the snow. If necessary, install a snow cover or shed and a pedestal.

3.1.3 Refrigerant piping length and height difference

What?	Distance		
Maximum allowable pipe length	20 m		
Minimum allowable pipe length	1.5 m		
Maximum allowable height difference	15 m		

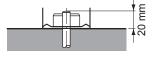
4 Installation

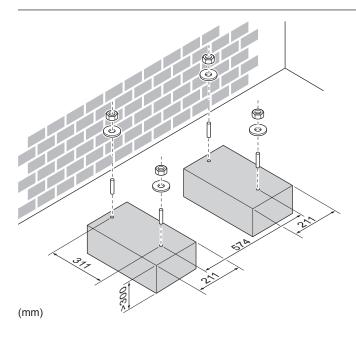
4.1 Mounting the outdoor unit

4.1.1 To provide the installation structure

Use a vibration-proof rubber (field supply) in cases where vibrations may be transmitted to the building.

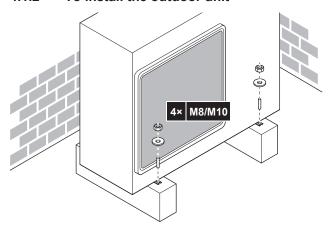
Prepare 4 sets of M8 or M10 anchor bolts, nuts and washers (field supply).





In any case, provide at least 300 mm of free space below the unit. Additionally, make sure the unit is positioned at least 100 mm above the maximum expected level of snow. In this case, it is recommended to construct a pedestal.

4.1.2 To install the outdoor unit



4.1.3 To provide drainage



NOTICE

If the unit is installed in a cold climate, take adequate measures so that the evacuated condensate CANNOT freeze



INFORMATION

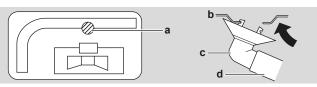
For information on the available options, contact your dealer.



NOTICE

Provide at least 300 mm of free space below the unit. Additionally, make sure the unit is positioned at least 100 mm above the expected level of snow.

- Use a drain plug for drainage.
- Use a Ø16 mm hose (field supply).



- Drain port
- b Bottom frame
- Drain plug Hose (field supply)

4.2 Connecting the refrigerant piping



DANGER: RISK OF BURNING

4.2.1 To connect the refrigerant piping to the outdoor unit

- Piping length. Keep field piping as short as possible.
- Piping protection. Protect the field piping against physical damage.



WARNING

Connect the refrigerant piping securely before running the compressor. If the refrigerant piping is NOT connected and the stop valve is open when the compressor is run, air will be sucked in. This will cause abnormal pressure in the refrigeration cycle, which may result in equipment damage and even injury.



CAUTION

- . Use the flare nut fixed to the unit.
- To prevent gas leakage, apply refrigeration oil only to the inside of the flare. Use refrigeration oil for R32.
- Do NOT reuse joints.
- Connect the liquid refrigerant connection from the indoor unit to the liquid stop valve of the outdoor unit.



- Liquid stop valve
- Gas stop valve
- Service port
- Connect the gas refrigerant connection from the indoor unit to the gas stop valve of the outdoor unit.



NOTICE

It is recommended that the refrigerant piping between indoor and outdoor unit is installed in a ducting or the refrigerant piping is wrapped with finishing tape.

4.3 Checking the refrigerant piping

4.3.1 To check for leaks



NOTICE

Do NOT exceed the unit's maximum working pressure (see "PS High" on the unit name plate).



NOTICE

Make sure to use a recommended bubble test solution from your wholesaler. Do not use soap water, which may cause cracking of flare nuts (soap water may contain salt, which absorbs moisture that will freeze when the piping gets cold), and/or lead to corrosion of flared joints (soap water may contain ammonia which causes a corrosive effect between the brass flare nut and the copper flare).

- 1 Charge the system with nitrogen gas up to a gauge pressure of at least 200 kPa (2 bar). It is recommended to pressurize to 3000 kPa (30 bar) in order to detect small leaks.
- 2 Check for leaks by applying the bubble test solution to all connections.
- 3 Discharge all nitrogen gas.

4.3.2 To perform vacuum drying



DANGER: RISK OF EXPLOSION

Do NOT start the unit if it is vacuumed.

- 1 Vacuum the system until the pressure on the manifold indicates -0.1 MPa (-1 bar).
- 2 Leave as is for 4-5 minutes and check the pressure:

If the pressure	Then
Does not change	There is no moisture in the system. This procedure is finished.
Increases	There is moisture in the system. Go to the next step.

- 3 Vacuum the system for at least 2 hours to a manifold pressure of -0.1 MPa (-1 bar).
- 4 After turning the pump OFF, check the pressure for at least 1 hour.
- 5 If you do NOT reach the target vacuum or CANNOT maintain the vacuum for 1 hour, do the following:
 - · Check for leaks again.
 - Perform vacuum drying again.



NOTICE

Make sure to open the stop valves after installing the refrigerant piping and performing vacuum drying. Running the system with the stop valves closed may break the compressor.

4.4 Charging refrigerant

4.4.1 About charging refrigerant

The outdoor unit is factory charged with refrigerant, but in some cases the following might be necessary:

What	When
Charging additional refrigerant	When the total liquid piping length is more than specified (see later).
Completely recharging refrigerant	Example:
	When relocating the system.
	After a leak.

Charging additional refrigerant

Before charging additional refrigerant, make sure the outdoor unit's **external** refrigerant piping is checked (leak test, vacuum drying).



INFORMATION

Depending on the units and/or the installation conditions, it might be necessary to connect electrical wiring before you can charge refrigerant.

Typical workflow – Charging additional refrigerant typically consists of the following stages:

- 1 Determining if and how much you have to charge additionally.
- 2 If necessary, charging additional refrigerant.
- 3 Filling in the fluorinated greenhouse gases label, and fixing it to the inside of the outdoor unit.

Completely recharging refrigerant

Before completely recharging refrigerant, make sure the following is done:

- 1 All refrigerant is recovered from the system.
- 2 The outdoor unit's external refrigerant piping is checked (leak test, vacuum drying).
- 3 Vacuum drying on the outdoor unit's internal refrigerant piping is performed.



NOTICE

Before completely recharging, perform vacuum drying on the outdoor unit's **internal** refrigerant piping as well.

Typical workflow – Completely recharging refrigerant typically consists of the following stages:

- 1 Determining how much refrigerant to charge.
- Charging refrigerant.
- 3 Filling in the fluorinated greenhouse gases label, and fixing it to the inside of the outdoor unit.

4.4.2 About the refrigerant

This product contains fluorinated greenhouse gases. Do NOT vent gases into the atmosphere.

Refrigerant type: R32

Global warming potential (GWP) value: 675



WARNING: FLAMMABLE MATERIAL

The refrigerant inside this unit is mildly flammable.



WARNING

The appliance shall be stored in a room without continuously operating ignition sources (example: open flames, an operating gas appliance or an operating electric heater).



WARNING

- Do NOT pierce or burn refrigerant cycle parts.
- Do NOT use cleaning materials or means to accelerate the defrosting process other than those recommended by the manufacturer.
- Be aware that the refrigerant inside the system is odourless.



WARNING

The refrigerant inside the unit is mildly flammable, but normally does NOT leak. If the refrigerant leaks in the room and comes in contact with fire from a burner, a heater, or a cooker, this may result in fire, or the formation of a harmful gas.

Turn off any combustible heating devices, ventilate the room, and contact the dealer where you purchased the unit.

Do NOT use the unit until a service person confirms that the part from which the refrigerant leaked has been repaired.

4.4.3 To determine the additional refrigerant amount

If the total liquid piping length is	Then		
≤10 m	Do NOT add additional refrigerant.		
>10 m	R=(total length (m) of liquid piping–10 m)×0.020		
	R=Additional charge (kg) (rounded in units of 0.1 kg)		



INFORMATION

Piping length is the one-way length of liquid piping.

4.4.4 To determine the complete recharge amount



INFORMATION

If a complete recharge is necessary, the total refrigerant charge is: the factory refrigerant charge (see unit name plate) + the determined additional amount.

4.4.5 To charge additional refrigerant



WARNING

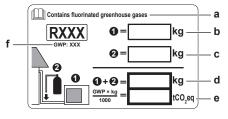
- Only use R32 as refrigerant. Other substances may cause explosions and accidents.
- R32 contains fluorinated greenhouse gases. Its global warming potential (GWP) value is 675. Do NOT vent these gases into the atmosphere.
- When charging refrigerant, ALWAYS use protective gloves and safety glasses.

Prerequisite: Before charging refrigerant, make sure the refrigerant piping is connected and checked (leak test and vacuum drying).

- Connect the refrigerant cylinder to the service port.
- 2 Charge the additional refrigerant amount.
- 3 Open the gas stop valve.

4.4.6 To fix the fluorinated greenhouse gases label

1 Fill in the label as follows:



- a If a multilingual fluorinated greenhouse gases label is delivered with the unit (see accessories), peel off the applicable language and stick it on top of a.
- **b** Factory refrigerant charge: see unit name plate
- c Additional refrigerant amount charged
- d Total refrigerant charge
- e Greenhouse gas emissions of the total refrigerant charge expressed as tonnes CO₂ equivalent
- f GWP = Global warming potential



NOTICE

In Europe, the **greenhouse gas emissions** of the total refrigerant charge in the system (expressed as tonnes ${\rm CO_2}$ equivalent) is used to determine the maintenance intervals. Follow the applicable legislation.

Formula to calculate the greenhouse gas emissions: GWP value of the refrigerant × Total refrigerant charge [in kg] / 1000

2 Fix the label on the inside of the outdoor unit near the gas and liquid stop valves.

4.5 Connecting the electrical wiring



DANGER: RISK OF ELECTROCUTION



WARNING

- All wiring MUST be performed by an authorised electrician and MUST comply with the applicable legislation.
- · Make electrical connections to the fixed wiring.
- All components procured on-site and all electrical construction MUST comply with the applicable legislation.



WARNING

ALWAYS use multicore cable for power supply cables.



WARNING

Use an all-pole disconnection type breaker with at least 3 mm between the contact point gaps that provide full disconnection under overvoltage category III.



WARNING

If the supply cord is damaged, it MUST be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.



WARNING

Do NOT connect the power supply to the indoor unit. This could result in electrical shock or fire.



WARNING

- Do NOT use locally purchased electrical parts inside the product.
- Do NOT branch the power supply for the drain pump, etc. from the terminal block. This could result in electrical shock or fire



WARNING

Keep the interconnection wiring away from copper pipes without thermal insulation as such pipes will be very hot.



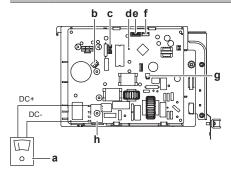
DANGER: RISK OF ELECTROCUTION

All electrical parts (including thermistors) are powered by the power supply. Do not touch them with bare hands.

A

DANGER: RISK OF ELECTROCUTION

Disconnect the power supply for more than 10 minutes, and measure the voltage at the terminals of main circuit capacitors or electrical components before servicing. The voltage MUST be less than 50 V DC before you can touch electrical components. For the location of the terminals, see the wiring diagram.



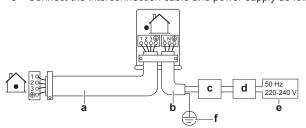
- a Multimeter (DC voltage range)
- **b** S80 reversing solenoid valve lead wire
- S70 fan motor lead wire
- d LED
- e S90 thermistor lead wire
- f S20 electronic expansion valve lead wire
- g S40 thermal overload relay lead wire
- n DB1 diode bridge

4.5.1 Specifications of standard wiring components

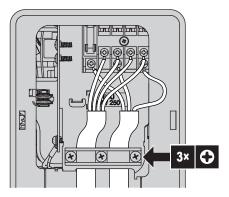
Component		Class 20	Class 25+35	
Power supply cable	Voltage	220~240 V		
	Phase	1~		
	Frequency	50 Hz		
	Wire sizes	3-core	cable	
		2.5 mm2~4.0 mm ²		
		H05RN-F (60245 IEC 57)		
Interconnection cab	e	4-core	cable	
(indoor↔outdoor)		1.5 mm ² ~2.5 mm ² and applicable for 220~240 V		
		H05RN-F (60	245 IEC 57)	
Recommended circu	uit breaker	10 A	13 A	
Earth leakage circuit breaker		MUST comply with applicable legislation		

4.5.2 To connect the electrical wiring on the outdoor unit

- 1 Remove the service cover.
- 2 Open the wire clamp.
- 3 Connect the interconnection cable and power supply as follows:



- a Interconnection cable
- **b** Power supply cable
- c Circuit breaker
- d Earth leakage circuit breaker
- e Power supply
- f Earth



Tighten the terminal screws securely. We recommend using a Phillips screwdriver.

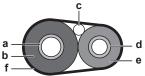
4.6 Finishing the outdoor unit installation

4.6.1 To finish the outdoor unit installation

1

DANGER: RISK OF ELECTROCUTION

- Make sure that the system is earthed properly.
- Turn off the power supply before servicing.
- Install the service cover before turning on the power supply.
- 1 Insulate and fix the refrigerant piping and interconnection cable as follows:



- a Gas pipe
- **b** Gas pipe insulation
- c Interconnection cable
- d Liquid pipe
- Liquid pipe insulation
- Finishing tape
- 2 Install the service cover.

5 Commissioning



NOTICE

NEVER operate the unit without thermistors and/or pressure sensors/switches. Burning of the compressor might result.

5.1 Checklist before commissioning

After the installation of the unit, first check the following items. Once all below checks are fulfilled, the unit MUST be closed, ONLY then can the unit be powered up.

The indoor unit is properly mounted.
The outdoor unit is properly mounted.
The system is properly earthed and the earth terminals are tightened.
The power supply voltage matches the voltage on the identification label of the unit.
There are NO loose connections or damaged electrical components in the switch box.

There are NO damaged components or squeezed pipes on the inside of the indoor and outdoor units.		
There are NO refrigerant leaks.		
The refrigerant pipes (gas and liquid) are thermally insulated.		
The correct pipe size is installed and the pipes are properly insulated.		
The stop valves (gas and liquid) on the outdoor unit are fully open.		
The following field wiring has been carried out according to this document and the applicable legislation between the outdoor unit and the indoor unit.		
Drainage		
Make sure drainage flows smoothly.		
Possible consequence: Condensate water might drip.		
The indoor unit receives the signals of the user interface .		
The specified wires are used for the interconnection cable.		
The fuses , circuit breakers , or locally installed protection devices are installed according to this document, and have NOT been bypassed.		

5.2 Checklist during commissioning

To perform an air purge .
To perform a test run .

5.3 To perform a test run

Prerequisite: Power supply MUST be in the specified range.

Prerequisite: Test run may be performed in cooling or heating mode

Prerequisite: Test run should be performed in accordance with the operation manual of the indoor unit to make sure that all functions and parts are working properly.

- 1 In cooling mode, select the lowest programmable temperature. In heating mode, select the highest programmable temperature. Test run can be disabled if necessary.
- 2 When the test run is finished, set the temperature to a normal level. In cooling mode: 26~28°C, in heating mode: 20~24°C.
- **3** The system stops operating 3 minutes after the unit is turned OFF.



INFORMATION

- · Even if the unit is turned OFF, it consumes electricity.
- When the power turns back on after a power break, the previously selected mode will be resumed.

6 Troubleshooting

6.1 Fault diagnosis using LED on outdoor unit PCB

LED is		Diagnosis	
*	flashing	Normal.	
		Check the indoor unit.	

LED is		Diagnosis			
\Phi	ON	 Turn the power OFF and back ON, and check the LED within approximately 3 minutes. If the LED is ON again, the outdoor unit PCB is faulty. 			
	OFF	 Supply voltage (for power saving). Power supply fault. Turn the power OFF and back ON, and check the LED within approximately 3 minutes. If the LED is ON again, the outdoor unit PCB is faulty. 			



DANGER: RISK OF ELECTROCUTION

- When the unit is not operating, the LEDs on the PCB are turned off in order to save power.
- Even when the LEDs are off, the terminal block and the PCB may be powered.

7 Disposal



NOTICE

Do NOT try to dismantle the system yourself: dismantling of the system, treatment of the refrigerant, oil and other parts MUST comply with applicable legislation. Units MUST be treated at a specialised treatment facility for reuse, recycling and recovery.

8 Technical data

A **subset** of the latest technical data is available on the regional Daikin website (publicly accessible). The **full set** of latest technical data is available on the Daikin extranet (authentication required).

8.1 Wiring diagram

	Unified Wiring D	iagram Legend	I	
For applied parts and numbering, refer to the wiring diagram on the unit. Part numbering is by Arabic numbers in ascending order for each part and is represented in the overview below by symbol "*" in the part code.				
<u></u>	CIRCUIT BREAKER	(:	PROTECTIVE EARTH
:	CONNECTION		:	PROTECTIVE EARTH (SCREW)
======================================	CONNECTOR	(A)	:	RECTIFIER
<u> </u>	EARTH)	:	RELAY CONNECTOR
	FIELD WIRING	99	:	SHORT-CIRCUIT CONNECTOR
:	FUSE	<u> </u>	:	TERMINAL
	INDOOR UNIT		:	TERMINAL STRIP
NDOOR P				
•1 :	OUTDOOR UNIT	○ ●	:	WIRE CLAMP
BLK : BLACK	GRN : GREEN	PNK : PINK		WHT : WHITE
BLU : BLUE	GRY : GREY	PRP, PPL: PURPLE		YLW : YELLOW
BRN : BROWN	ORG : ORANGE	RED : RED		
A*P :	PRINTED CIRCUIT BOARD	PS	:	SWITCHING POWER SUPPLY
3S* :	PUSHBUTTON ON/OFF, OPERATION SWITCH	PTC*	:	THERMISTOR PTC
3Z, H*O :	BUZZER	Q*	:	INSULATED GATE BIPOLAR TRANSISTOR
D* :	CAPACITOR			(IGBT)
AC*, CN*, E*, HA*, HE*, HL*, HN*, :	CONNECTION, CONNECTOR	Q*DI	:	EARTH LEAK CIRCUIT BREAKER
HR*, MR*_A, MR*_B, S*, U, V,		Q*L	:	OVERLOAD PROTECTOR
W, X*A, K*R_*		Q*M	:	THERMO SWITCH
D*, V*D :	DIODE	R*		RESISTOR
DB* :	DIODE BRIDGE	R*T		THERMISTOR
DS* :	DIP SWITCH	RC	•	RECEIVER
E*H :	HEATER	S*C		LIMIT SWITCH
F*U, FU* (FOR CHARACTERISTICS, :	FUSE	S*L		FLOAT SWITCH
REFER TO PCB INSIDE YOUR UNIT)	FUSE	S*NPH		PRESSURE SENSOR (HIGH)
FG* :	CONNECTOR (FRAME GROUND)	S*NPL	:	PRESSURE SENSOR (LOW)
· · · · · · · · · · · · · · · · · · ·	HARNESS	S*PH, HPS*	:	, ,
¬	PILOT LAMP, LIGHT EMITTING DIODE	S*PL		PRESSURE SWITCH (HIGH) PRESSURE SWITCH (LOW)
HAP :	LIGHT EMITTING DIODE			THERMOSTAT
HIGH VOLTAGE :	HIGH VOLTAGE	S*RH		HUMIDITY SENSOR
ES :	INTELLIGENT EYE SENSOR	S*W, SW*		OPERATION SWITCH
PM* :	INTELLIGENT POWER MODULE	SA*, F1S		SURGE ARRESTOR
K*R, KCR, KFR, KHuR, K*M :	MAGNETIC RELAY	SR*, WLU	:	SIGNAL RECEIVER
K K, KOK, KFK, KHUK, K W	LIVE	SS*	:	SELECTOR SWITCH
L* :	COIL	SHEET METAL		TERMINAL STRIP FIXED PLATE
 _*R :	REACTOR	T*R	- ·	TRANSFORMER
- К И* :	STEPPER MOTOR	TC. TRC		TRANSMITTER
vi M*C :	COMPRESSOR MOTOR	V*, R*V		VARISTOR
M*F :	FAN MOTOR	V , K V V*R	:	DIODE BRIDGE
wr . M*P :	DRAIN PUMP MOTOR	WRC	:	WIRELESS REMOTE CONTROLLER
M*S :	SWING MOTOR	X*	:	TERMINAL
WR*, MRCW*, MRM*, MRN* :	MAGNETIC RELAY	X*M		TERMINAL STRIP (BLOCK)
N :	NEUTRAL	Y*E	:	ELECTRONIC EXPANSION VALVE COIL
n=*, N=* :	NUMBER OF PASSES THROUGH FERRITE COR			REVERSING SOLENOID VALVE COIL
PAM :	PULSE-AMPLITUDE MODULATION	Z*C	:	FERRITE CORE
PCB* :	PRINTED CIRCUIT BOARD	ZF, Z*F	:	NOISE FILTER
	I MINITED OILOOTT DOMIND	∠1,∠1		HOIGE FILITAIN









DAIKIN INDUSTRIES CZECH REPUBLIC s.r.o.

U Nové Hospody 1/1155, 301 00 Plzeň Skvrňany, Czech Republic

DAIKIN EUROPE N.V.