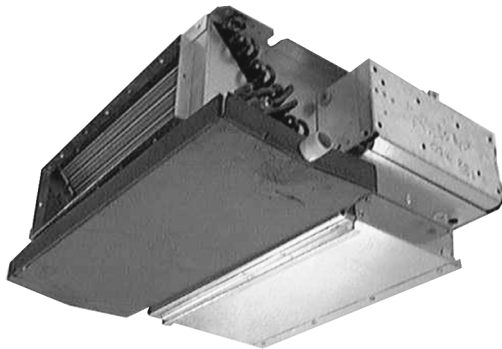


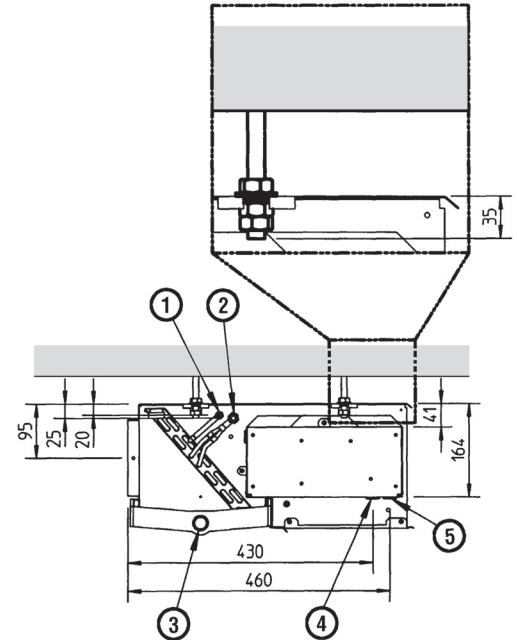
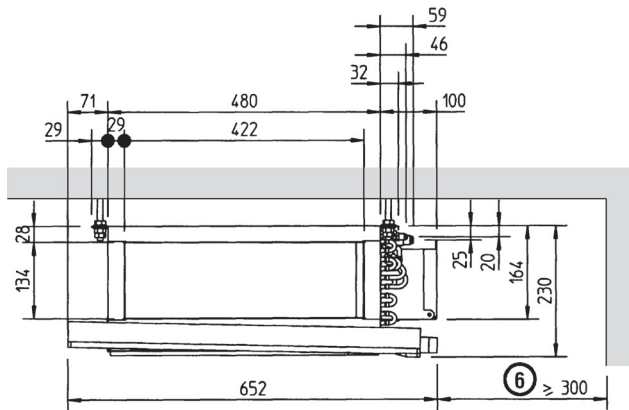
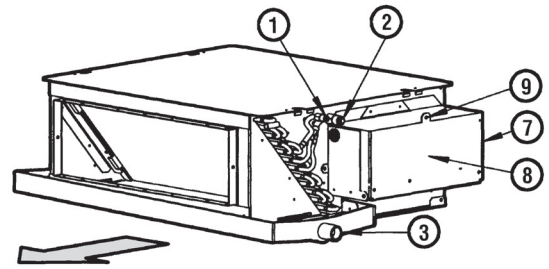
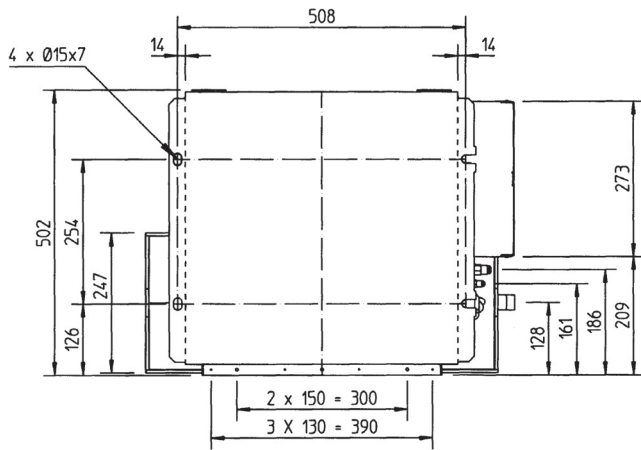


INSTALLATION MANUAL

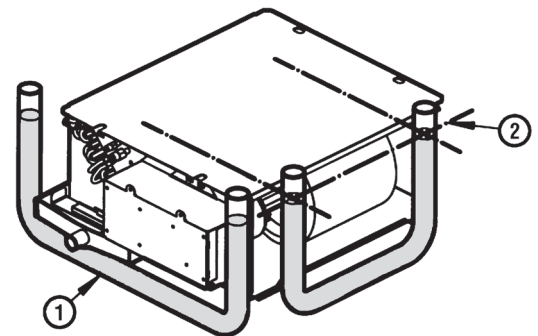
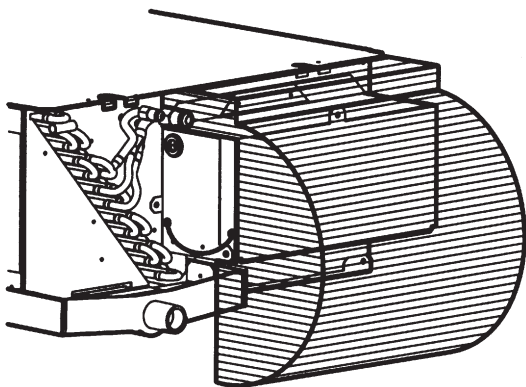
Split series room air conditioners
Multi system room air conditioners



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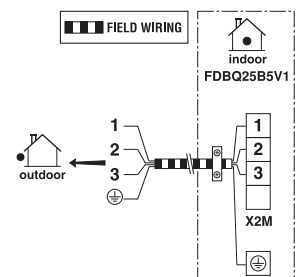
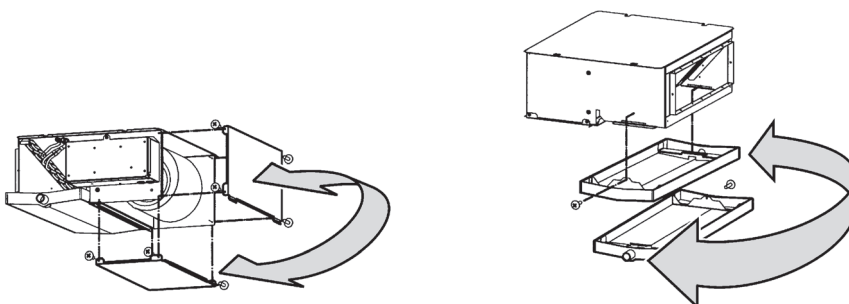


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CE - DECLARATION-OF-CONFORMITY
CE - KONFORMITÄTSERKLÄRUNG
CE - DECLARATION-DE-CONFORMITE
CE - CONFORMITEITSVERKLARING

CE - DECLARACION-DE-CONFORMIDAD
CE - DICHIARAZIONE-DI-CONFORMITA
CE - ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ

CE - DECLARAÇÃO-DE-CONFORMIDADE
CE - ЗАЯВЛЕНИЕ-О-СООТВЕТСТВИИ
CE - OPFYLDSELSESKLÆRING
CE - FÖRSÄKRAN-OM-ÖVERENSTÄMMELSE

CE - ERKLERING OM-SAMSVAR
CE - ILMOITUS-YHDENMUKAISUUDESTA
CE - PROHLÁŠENÍ-O-SHODĚ

CE - IZJAVA-O-USKLAĐENOSTI
CE - MEGFELELŐSÉGINYILATKOZAT
CE - DEKLARACJA-ZGODNOŚCI
CE - DECLARAȚIE-DE-CONFORMITATE

CE - IZJAVA O SKLADNOSTI
CE - VASTAVUSDEKLARATSIOON
CE - ДЕКЛАРАЦИЯ-ЗА-СЪОТВЕТСТВИЕ

CE - ATITĪKĒS-DEKLARĀCIJA
CE - ATBILSTĪBAS-DEKLARĀCIJA
CE - VYHLÁSENIE-ZHODY
CE - UYUMĻULUK-BEYANI

Daikin Europe N.V.

01	GB	declares under its sole responsibility that the air conditioning models to which this declaration relates:
02	DE	erklärt auf seine alleinige Verantwortung daß die Modelle der Klimaanlage für die diese Erklärung bestimmt ist:
03	FR	déclare sous sa seule responsabilité que les appareils d'air conditionné visés par la présente déclaration:
04	NL	verklaart hierbij op zijn exclusieve verantwoordelijkheid dat de airconditioning units waarop deze verklaring betrekking heeft:
05	PL	deklaruje na swoją wyłączną odpowiedzialność że modele klimatyzacji do których odnosi się ta deklaracja:
06	PT	declara sobro sua responsabilidade quei condizionarioi modelo a cui e riferita questa dichiarazione:
07	IT	chiama in causa la responsabilità che i condizionatori modello a cui è riferita questa dichiarazione:
08	P	declara sous sa exclusiva responsabilidade que os modelos de ar condicionado a que esta declaração se refere:

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- 11 are in conformity with the following standard(s) or other normative document(s), provided that these are used in accordance with the instructions:
- 12 02-22 werden folgenden Norm(en) oder einen anderen Normdokument oder dokumenten entsprechtensprechen, unter der Voraussetzung, dass sie gemäß unseren Anweisungen eingesetzt werden:
- 13 03 sei conforme a las(n) norma(s) o a otro(s) documento(s) normalizante(s), para tanto que los/s se/sient utilizas conforme a los instrucciones:
- 14 04 con conforma a la(n) norma(s) o a otro(s) documento(s) normalizante(s), para tanto que los/s se/sient utilizas conforme a los instrucciones:
- 15 05 están en conformidad con la(s) siguiente(s) norma(s) u otro(s) documento(s) normalizante(s), siempre que sean utilizados de acuerdo con nuestras instrucciones:
- 16 06 sono conformi alla/i seguente/i standard(s) o a altro/i documento/i di carattere normativo, a patto che vengano usati in conformità alle nostre istruzioni:
- 17 07 είναι σύμφωνα με το(ι) ακόλουθ(α) πρότυπο(α) ή άλλο(ν) έγγραφο(α) κανονισμών, υπό την προϋπόθεση ότι χρησιμοποιούνται σύμφωνα με τις οδηγίες μας:
- 18 08 following the prescriptions of:
- 19 09 gemäß den Vorschriften der:
- 20 10 onder toelichting van de beschrijvingen van:
- 21 11 enligt vilkorena i:
- 22 12 noudhoofd til bestemmelse i:
- 23 13 conformément aux stipulations des:
- 24 14 overeenkomstig de bepalingen van:
- 25 15 siguiendo las disposiciones de:
- 26 16 secondo le prescrizioni per:
- 27 17 по приписам тава башкалар түмү:
- 28 18 de acordo com o previsto em:
- 29 19 в соответствии с положениями:
- 30 18 in urma prevederilor:
- 31 10 under tillagelse af bestemmelserne i:
- 32 11 enligt vilkorena i:
- 33 12 noudhoofd til bestemmelse i:
- 34 13 conformément aux stipulations des:
- 35 14 a doordelen i ustanove predpisu:
- 36 15 prema odredbama:
- 37 16 követeli a(z):
- 38 17 zgodnie z postanowieniami Dyrektyw:
- 39 18 in urma prevederilor:
- 40 19 ob podrobnosti v dodatku:
- 41 20 under tillägg till bestämmelserna i:
- 42 21 enligt vilkorena i:
- 43 22 noudhoofd til bestemmelse i:
- 44 23 conformément aux stipulations des:
- 45 24 overeenkomstig de bepalingen van:
- 46 25 siguiendo las disposiciones de:
- 47 26 secondo le prescrizioni per:
- 48 27 по приписам тава башкалар түмү:
- 49 28 de acordo com o previsto em:
- 50 29 в соответствии с положениями:
- 51 30 18 in urma prevederilor:
- 52 31 10 under tillagelse af bestemmelserne i:
- 53 32 11 enligt vilkorena i:
- 54 33 12 noudhoofd til bestemmelse i:
- 55 34 13 conformément aux stipulations des:
- 56 35 14 a doordelen i ustanove predpisu:
- 57 36 15 prema odredbama:
- 58 37 16 követeli a(z):
- 59 38 17 zgodnie z postanowieniami Dyrektyw:
- 60 39 18 in urma prevederilor:
- 61 40 19 ob podrobnosti v dodatku:
- 62 41 20 under tillägg till bestämmelserna i:
- 63 42 21 enligt vilkorena i:
- 64 43 22 noudhoofd til bestemmelse i:
- 65 44 23 conformément aux stipulations des:
- 66 45 24 overeenkomstig de bepalingen van:
- 67 46 25 siguiendo las disposiciones de:
- 68 47 26 secondo le prescrizioni per:
- 69 48 27 по приписам тава башкалар түмү:
- 70 49 28 de acordo com o previsto em:
- 71 50 29 в соответствии с положениями:
- 72 51 30 18 in urma prevederilor:
- 73 52 31 10 under tillagelse af bestemmelserne i:
- 74 53 32 11 enligt vilkorena i:
- 75 54 33 12 noudhoofd til bestemmelse i:
- 76 55 34 13 conformément aux stipulations des:
- 77 56 35 14 a doordelen i ustanove predpisu:
- 78 57 36 15 prema odredbama:
- 79 58 37 16 követeli a(z):
- 80 59 38 17 zgodnie z postanowieniami Dyrektyw:
- 81 60 39 18 in urma prevederilor:
- 82 61 40 19 ob podrobnosti v dodatku:
- 83 62 41 20 under tillägg till bestämmelserna i:
- 84 63 42 21 enligt vilkorena i:
- 85 64 43 22 noudhoofd til bestemmelse i:
- 86 65 44 23 conformément aux stipulations des:
- 87 66 45 24 overeenkomstig de bepalingen van:
- 88 67 46 25 siguiendo las disposiciones de:
- 89 68 47 26 secondo le prescrizioni per:
- 90 69 48 27 по приписам тава башкалар түмү:
- 91 70 49 28 de acordo com o previsto em:
- 92 71 50 29 в соответствии с положениями:
- 93 72 51 30 18 in urma prevederilor:
- 94 73 52 31 10 under tillagelse af bestemmelserne i:
- 95 74 53 32 11 enligt vilkorena i:
- 96 75 54 33 12 noudhoofd til bestemmelse i:
- 97 76 55 34 13 conformément aux stipulations des:
- 98 77 56 35 14 a doordelen i ustanove predpisu:
- 99 78 57 36 15 prema odredbama:
- 100 79 58 37 16 követeli a(z):
- 101 80 38 17 zgodnie z postanowieniami Dyrektyw:
- 102 81 82 18 in urma prevederilor:
- 103 83 19 ob podrobnosti v dodatku:
- 104 84 20 under tillägg till bestämmelserna i:
- 105 85 21 enligt vilkorena i:
- 106 86 22 noudhoofd til bestemmelse i:
- 107 87 23 conformément aux stipulations des:
- 108 88 24 overeenkomstig de bepalingen van:
- 109 89 25 siguiendo las disposiciones de:
- 110 90 26 secondo le prescrizioni per:
- 111 91 27 по приписам тава башкалар түмү:
- 112 92 28 de acordo com o previsto em:
- 113 93 29 в соответствии с положениями:
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- 116 96 32 11 enligt vilkorena i:
- 117 97 33 12 noudhoofd til bestemmelse i:
- 118 98 34 13 conformément aux stipulations des:
- 119 99 35 14 a doordelen i ustanove predpisu:
- 120 100 36 15 prema odredbama:
- 121 101 37 16 követeli a(z):
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- 123 103 39 18 in urma prevederilor:
- 124 104 40 19 ob podrobnosti v dodatku:
- 125 105 41 20 under tillägg till bestämmelserna i:
- 126 106 42 21 enligt vilkorena i:
- 127 107 43 22 noudhoofd til bestemmelse i:
- 128 108 44 23 conformément aux stipulations des:
- 129 109 45 24 overeenkomstig de bepalingen van:
- 130 110 46 25 siguiendo las disposiciones de:
- 131 111 47 26 secondo le prescrizioni per:
- 132 112 48 27 по приписам тава башкалар түмү:
- 133 113 49 28 de acordo com o previsto em:
- 134 114 50 29 в соответствии с положениями:
- 135 115 51 30 18 in urma prevederilor:
- 136 116 52 31 10 under tillagelse af bestemmelserne i:
- 137 117 53 32 11 enligt vilkorena i:
- 138 118 54 33 12 noudhoofd til bestemmelse i:
- 139 119 55 34 13 conformément aux stipulations des:
- 140 120 56 35 14 a doordelen i ustanove predpisu:
- 141 121 57 36 15 prema odredbama:
- 142 122 58 37 16 követeli a(z):
- 143 123 59 38 17 zgodnie z postanowieniami Dyrektyw:
- 144 124 60 39 18 in urma prevederilor:
- 145 125 61 40 19 ob podrobnosti v dodatku:
- 146 126 62 41 20 under tillägg till bestämmelserna i:
- 147 127 63 42 21 enligt vilkorena i:
- 148 128 64 43 22 noudhoofd til bestemmelse i:
- 149 129 65 44 23 conformément aux stipulations des:
- 150 130 66 45 24 overeenkomstig de bepalingen van:
- 151 131 67 46 25 siguiendo las disposiciones de:
- 152 132 68 47 26 secondo le prescrizioni per:
- 153 133 69 48 27 по приписам тава башкалар түмү:
- 154 134 69 49 28 de acordo com o previsto em:
- 155 135 70 50 29 в соответствии с положениями:
- 156 136 71 51 30 18 in urma prevederilor:
- 157 137 72 52 31 10 under tillagelse af bestemmelserne i:
- 158 138 73 53 32 11 enligt vilkorena i:
- 159 139 74 54 33 12 noudhoofd til bestemmelse i:
- 160 140 75 55 34 13 conformément aux stipulations des:
- 161 141 76 56 35 14 a doordelen i ustanove predpisu:
- 162 142 77 57 36 15 prema odredbama:
- 163 143 78 58 37 16 követeli a(z):
- 164 144 79 59 38 17 zgodnie z postanowieniami Dyrektyw:
- 165 145 80 60 39 18 in urma prevederilor:
- 166 146 81 40 19 ob podrobnosti v dodatku:
- 167 147 82 41 20 under tillägg till bestämmelserna i:
- 168 148 83 42 21 enligt vilkorena i:
- 169 149 84 43 22 noudhoofd til bestemmelse i:
- 170 150 85 44 23 conformément aux stipulations des:
- 171 151 86 45 24 overeenkomstig de bepalingen van:
- 172 152 87 46 25 siguiendo las disposiciones de:
- 173 153 88 47 26 secondo le prescrizioni per:
- 174 154 89 48 27 по приписам тава башкалар түмү:
- 175 155 90 49 28 de acordo com o previsto em:
- 176 156 91 50 29 в соответствии с положениями:
- 177 157 92 51 30 18 in urma prevederilor:

EN60335-2-40,

10	under ättagelse at bestemmelsen i:	19	du upstævningu dobb:
11	etligt vilkøret i:	20	vastavil til følele:
12	til behold til bestemmelsen i:	21	oneasaku knaparte ja:
13	du dæderen måtarjævi:	22	akintu rustatu, palakam:
14	za codæren iastættu til prædju:	23	erontu præstas, las noilek:
15	prena ordetaba:	24	akizava, ustanoa:
16	køvet i:	25	bunun koslæra ugun olak:
17	zgodne z postarowaniem Dyktw:		
18	in urna prevedilior:		

01	Note *	as setout in and judged positively by according to the Certificate 	06	Note *	delinato nel e giudicato positivamente da secondo il Certificato
02	Hinweis *	wie in der aufgeführt und von beiderlei gemäß Zertifikat 	07	Экзипушн *	опису відповідно до як хвалити йствдо тако, що відповідає на флоронтико
03	Remarque *	tel que défini dans et évalué positivement par 	08	Note *	tal como estabelecido em e com parecer positivo de de acordo com o Certificado
04	Bemerk *	zodis overeenkomstig het Zertifikat 	09	Примечание *	как указано в и в соответствии с положительными решениями согласно
05	Note *	como se establece en y es valorado positivamente por de acuerdo con el Certificado 	10	Bemerk *	Сатверенствуй
					som antwort og positiv vurderet af i henhold til Certificat

- 01 ⁰¹ Dakin Europe N.V. is authorised to compile the Technische Constructie Fle.
- 02 ⁰² Dakin Europe N.V. hat die Berechtigung die Technische Constructiesakte zu sammenstellen.
- 03 ⁰³ Dakin Europe N.V. est autorisé à compiler le Dossier de Construction Technique.
- 04 ⁰⁴ Dakin Europe N.V. est autorisé à compiler le Dossier de Construction Technique.
- 05 ⁰⁵ Dakin Europe N.V. is bevoegd om het Technisch Constructiedossier samen te stellen.
- 06 ⁰⁶ Dakin Europe N.V. está autorizado a compilar el Archivo de Construcción Técnica.
- 07 ⁰⁷ Dakin Europe N.V. è autorizzata a redigere il File Tecnico di Costruzione.

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DAIKIN

Shigeki Morita
Director

Ostend, 2nd of November 2016

DAIKIN EUROPE N.V.

Zandvoordestraat 300, B-8400 Oostende, Belgium

[illegible]

1008 estão em conformidade com a(s) seguinte(s) norma(s) ou outro(s) documento(s) normativo(s), desde que estes sejam utilizados de acordo com as regras instrução:

1009 correspondent standarden eller andra normatивныя документам, при условии их использования согласно настоящим инструкциям:

1010 överhört följande standard(er) eller andra/andre retningsgivande dokument(er), förutsatt att disse anvendes i henhold til våre instruksjoner:

1111 espektive utrustning är utförd i överensstämmelse med och följer följande standard(er) eller andra normgivande dokument, under förutsättning att användning sker i överensstämmelse med våra instruktioner:

1212 espektive utstyr er i overensstemmelse med følgende standard(er) eller andre normgivende dokument(er), under forutsetning av at disse brukes i henhold til våre instruksjoner:

1313 vastavaat searavaten standarden ja muuten ohjeistellen dokumentien vastaisuista edellytyksin, että niitä käytetään ohjeiden mukaisesti:

1414 za predložku v souladu s našimi pokyny, odpovídají následujícím normám nebo normativním dokumentům:

1515 se skladu s sledícím standardem (i) drugim normativním dokumentem(i), uz uvážem že se oni koriguje a skladu s našim uputami:

15 u skladu sa sljedećim standardom(ima) ili drugim normativnim dokumentom(ima), uz uvjet da se oni koriste u skladu s našim uputama:

Low Voltage 2014/35/EU
Machinery 2006/42/EC

Electromagnetic Compatibility 2014/30/EU *

11	Information *	enligt och godkänns av enligt Certifikat
12	Merk *	som del nummer i och gemensam positiv bedömelse av ifråga Serifikat
13	Huom *	påta om esistens avsaknads på plats hyväskymt Serifikat mkaeststi.
14	Poznamka *	påta bytet av a positivt zjsteno v solutat sosveden
15	Napomena *	kako je izdruženo u pozitivno ocjenjeno od strane prema Certifikatu
16	Megejegzas *	ajzi aqajyn, aji qajzette a megejeglas, ajzi minustevy szentl.
17	Uwaga *	zgodnie z dokumentacją pozytywną opinią ajzi Serifikatu
18	Nota *	asse cum esse stabil in si apucet pozitiv de in conformitate cu Certificatul
19	Opomba *	kot je obdeljeno v in obdeljeno s strani v skladu s certifikatom
20	Märkus *	kučido on nāidul dokumentis a heals kučido āru vastast serifikale

43 Dakin Europe N.V. on valitud teadma Teknisen asiakirjan.
44
45 Společnost Dalkin Europe N.V. má oprávnění ke kompilaci souhrnu
46 Dalkin Europe N.V. je ověřen za zřadu Datoteke o technické kontrole.
47 A Dalkin Europe N.V. joggussal a mäsžaki konstrukciós dokumentumok
48 Dalkin Europe N.V. este autorizat să compileze Dosarul Tehnic o

13. "Dakin Europe N.V. on valutatuud laatumen Teknisen asiakirjan.
14. "Společnost Dakin Europe N.V. má oprávnění ke kompletní soubor technické konstrukce.
15. "Dakin Europe N.V. je ověřen za zřetel Databank a lehkých konstrukcí.
16. "A Dakin Europe N.V. jogsut a misakki konstrukts dokumentaari osseadilastaja.
17. "Dakin Europe N.V. on upwotewine to ajlema i oprowawima konstruktsi konstruktsi jne.
18. "Dakin Europe N.V. este autorizat sa construirea si proiectarea constructiilor de constructii.

[illegible]

17. megaljela, za albihi sabvanyj oknak vepjv ranyapo dokumentum(ok)nak, ha azok elõrõs szentl hasznajak:
18. megaljela, vnyogj naslepyajajch, pod varunkem ze uzyvare sa zopadne z naszymi
instrukcjami.
19. sum in conformitate cu mãsurõ (umãrãe) standarde (e sau alte documente) normative, cu condiþia ca acestea sã fie utilizate în
conformitate cu instrucþiunile noastre
20. skladni z nasleþyujajch standardi (in drugim) normativi, pod pogledom, da se uporabljajo v skladu z našimi navodili:
21. skladno na vaszajasz jargims (je standarde) jejo vose norme normative dokumenta, kui ne kasutatakse vastavalt meie juhendile:
22. sõltuvõestvat na svedjajne standarti (ili drugi) normativni dokumenti, pri ustovne, da se izpolzovat sãlajno našimie
instrukcijam.
23. dafinica zmjenu nurodujusz standardus (r arba) klius norminius dokumentus su sąlyga, kad yra naudojami pagal mūsų nurodymus:
24. dafinica zmjenu nurodujusz standarta (in drugim) normatyvi, atlosi sekõsõjusz standartinem u oþien norminius dokumentum:
25. dafinica zmjenu nurodujusz standarta (je standarde) jejo vose norme normative dokumenta, ze se pozujajaz v skladu
s našim navodami:
26. irõunõ, talimãlãmazã gõre kulãmimies kpsujajaz asajajak standarta (e norm beliten belegele uyumudur:

25 ürünün, talimatlarımıza göre kullanılması koşuluyla aşağıdaki standartlar ve norm belirten belgelere uyumludur:

01 Direktives, as amended.
02 Direktiven, gemäß Änderung.
03 Direktives, conforme à l'addition.
04 Direktives, teles cu modificări.
05 Direktivas, zoals gewijzigd.
06 Direktivas, según lo emendado.
07 Direktive, come da modifica.
08 Direktivas, conforme alteração em.
09 Direktive ko osvoji popravkami.
10 Direktiver, med senere ændringer.
11 Direktiv, med forlængning af indrag.
12 Direktiver, med forlænte endringer.
13 Direktiwa, selskima iun ne oia mudatuna.
14 y palamien zieni.
15 Smejnca, kako je izmijenjeno.
16 Direktive, cu amendamentele respective.
17 z pôbžlejšim popravkami.
18 Direktiv, cu amendamentele respective.
19 Direktive z semi spremenjami.
20 Direktiv ko mudatostega.
21 Direktive, cu revurte revazemania.
22 Direktive su papdajmas.
23 Direktas un ne papdajunoms.
24 Smejnca v palomien zieni.
25 Dgigimins palenley Yonelekler.

21	Zablenenka *	както е изготвено в <A> и омишено поприжато от чупащо	<A>	DAIKIN.TCF.021.J14/07-2016
22	Pastaba *	кар нуста/та <A> и карт тегамат нустрета пага Sertifikač <C>	 <C>	DEKRA (NB0344)
23	Piznimes *	кар нотифис <A> абилитис познфајам вјетјанам саксанат ар Sertifikač <C>		2024351-QUA/EMC02-4565
24	Poznánka *	ако бот удетен в <A> а позитивн зетен суате с осведомѣн <C>	<A>	
25	Not *	<A> та белитиди глти в <C> Sertifikašna горе тарифаном олуму оларак деперендентичи оби	<C>	

19	Daikin Europe N.V. je pooblaščen za sestavo datoteke s tehničnimi mapo.
20	Daikin Europe N.V. je pooblaščen za sestavo tehničnih dokumenta- cijskih listov.
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COMBINE THIS INDOOR UNIT WITH A DAIKIN OUTDOOR UNIT ONLY!

READ THIS MANUAL CAREFULLY TO ENSURE CORRECT INSTALLATION. BE SURE TO GIVE THE CUSTOMER THE ENCLOSED OPERATION MANUAL.

REFER TO THE INSTALLATION MANUAL OF THE OUTDOOR UNIT FOR THE ITEMS NOT DESCRIBED BELOW.

Standard supplied accessories

Suction air filter	1	
Installation manual Operation manual	1 of each	

Optional accessories

Wiring adaptor for electrical heater (KRP1B61)	
Remote controller	



IMPROPER INSTALLATION OR ATTACHMENT OF EQUIPMENT OR ACCESSORIES COULD RESULT IN ELECTRIC SHOCK, SHORTCIRCUIT, LEAKS, FIRE OR OTHER DAMAGE TO THE EQUIPMENT. BE SURE ONLY TO USE ACCESSORIES MADE BY DAIKIN WHICH ARE SPECIFICALLY DESIGNED FOR USE WITH THE EQUIPMENT AND HAVE THEM INSTALLED BY A PROFESSIONAL.

IF UNSURE OF INSTALLATION PROCEDURES OR USE, ALWAYS CONTACT YOUR DAIKIN DEALER FOR ADVICE AND INFORMATION.

INSTALLING THE INDOOR UNIT



Never turn the circuit breaker ON until all the installation work is completed!

Contact your Daikin dealer to confirm the outdoor unit combination.

Outlook drawing (See figure 1)

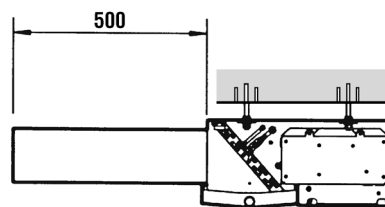
- 1 liquid pipe Ø6.4 mm or 1/4" Cut
- 2 gas pipe Ø9.52 mm or 3/8" Cut
- 3 drain socket OD=Ø27.2 ID=Ø21.6
- 4 rubber bush for wiring intake of the on/off-switch, the remote controller and the wiring adaptor for the electrical heater
- 5 rubber bush for wiring intake of the power supply
- 6 service space
- 7 switch box
- 8 switch box cover
- 9 screw for opening the switch box cover

Selecting the location



Make sure that the indoor and outdoor unit is installed out of reach for children!

The units are designed for ceiling concealed installation with an air discharge duct of 500 mm.



Leave sufficient space for piping, servicing and electric wiring.

Be sure to install the unit so that:

- the indoor and outdoor unit, the interconnection and the power supply cable are at least 1 m away from televisions or radios. This is to prevent interference from the air conditioner on your televisions or radios.
- the air will be distributed to the entire room.
- the ceiling is strong enough to bear the weight of the indoor unit.
- there are no obstructions for the air inlet and outlet.
- the wall hole to the outdoor side for the electric wiring, the refrigerant and drain piping can be made without problems in terms of building structure.

Please consult with your dealer for installing in a special environment (e.g. a place in oily surroundings, a place with sulfide gas, a place where chemicals are used nearby, a place with big voltage fluctuations, a place with volatile flammable gas, a place in which machines generate electromagnetic waves).

Installation

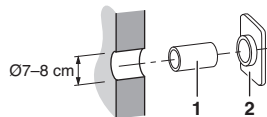
Selection of installation site

- Ensure sufficient clearance for maintenance and service.
- Make sure that no piping is passing through the hatched area (See figure 2)
 - condensation can drip on the switch box
 - pipes can prevent you from opening the switch box smoothly
- Refer to the installation manual of the outdoor unit and confirm the maximum allowable piping length.

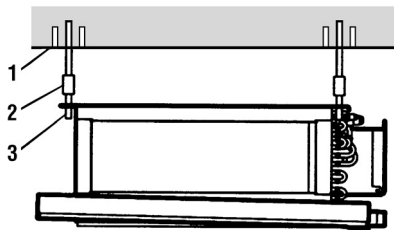
Preparation before installation

- Relation of the ceiling opening to the unit and suspension bolt position (See figure 1)
- Making the wall hole to the outdoor side for the electric wiring, the refrigerant and drain piping
 - The hole must slope down toward the outdoor side.
 - The hole size must be just as large as to hold the protective pipe (Ø7–8 cm) (field supply).
 - Use a wall hole cover (field supply) to hide the wall hole as much as possible.

- 1 protective pipe (field supply)
2 wall hole cover (field supply)



- The fan speed for this indoor unit is equipped to provide a standard external pressure.
- Install the suspension bolts



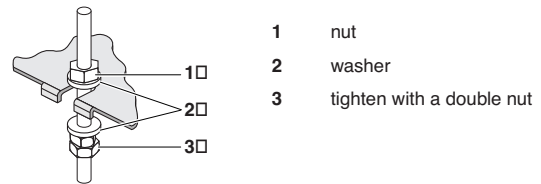
- 1 anchor (field supply)
2 long nut or turn-buckle (field supply)
3 suspension bolt (field supply)

Use M10 size bolts for the suspension.

Use anchors for existing ceiling, and a sunken insert, sunken anchor or other field supplied parts to reinforce the ceiling in order to bear the weight of the unit.

Installing the indoor unit

Install the indoor unit temporarily. Attach the hanger bracket to the suspension bolt. Be sure to fix it securely by using a nut and washer on the upper and lower side of the hanger bracket and tighten the upper nut.



NOTE Check that the unit is levelled at all 4 corners. (See figure 3)

- 1 vinyl tube with water
2 water level

INSTALLING THE OUTDOOR UNIT

Refer to the installation manual of the outdoor unit.

REFRIGERANT PIPING

This unit is especially designed for use of R410A refrigerant.

Field piping

All field piping must be provided by a licensed refrigeration technician and must comply with the relevant local and national codes.

Pipe connections

- Refer to the chapter "Outlook drawing" on page 1 for the required piping diameters.
- If installed as a multi system indoor unit, use the reducers supplied with the outdoor unit when the piping from the indoor unit does not fit on the port of the outdoor unit. For instructions, read the instruction sheet supplied with the outdoor unit.
- Be sure to insulate the gas pipe and the liquid pipe separately with polyethylene foam insulation material (thermal conductivity=0.041~0.052 W/mK)

Indoor unit		
Insulation	Inside diameter	wall thickness
Gas pipe	12–15 mm	8–10 mm
Liquid pipe	8–10 mm	7–10 mm

NOTE For the gas pipe, use a polyethylene foam resistant to a temperature of 110°C.



When inserting the refrigerant piping in the wall hole, take care not to let dust or moisture come into the piping. Protect the pipes with a cap or seal the pipe end completely with tape.

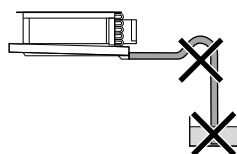


- 1 dust
- 2 moisture
- 3 tape
- 4 cap

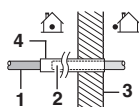
DRAIN PIPING



- The drain hose must slope downward to the outdoor side.
- Do not use a trap in the drain piping.
- Never put the end of the drain hose into water.
- If you extend the drain hose, always insulate it up to the outdoor side with polyethylene foam insulation material (field supply).



- 1 drain hose fixed to the indoor unit
- 2 the indoor side extension drain hose
- 3 wall
- 4 polyethylene foam



Drain check

Make sure that the drain hose is firmly connected

Pour some water into the drain pan to check if the water flows smoothly.

VACUUM DRYING OF THE INSTALLATION

Refer to the installation manual of the outdoor unit.

FIELD WIRING



- All field wiring and components must be provided by a licensed electrician and must comply with the relevant local and national codes.
- Be sure to use a dedicated power circuit. Never use a power supply shared by another appliance.
- Before supplying the power, check that the voltage is within $\pm 10\%$ of the rated voltage marked on the nameplate.
- Take care not to bend the printed circuit board when inserting or removing the connectors.

Field wiring

Wire in accordance with the wiring diagrams (see [figure 6](#)) and outlook diagram. (See [figure 1](#))

	: Field wiring
	: Terminal
	: Connector
	: Wire clamp
	: Protective earth (screw)
BLK	: Black
BLU	: Blue
BRN	: Brown
GRN	: Green
GRY	: Gray
ORG	: Orange
RED	: Red
WHT	: White
YLW	: Yellow

A1P	Printed circuit board
C1R	Capacitor (fan motor)
F1T	Thermal fuse 152°C (M1F embedded)
F1U	Fuse (250 V/5 A)
HAP	Light emitting diode (service monitor - green)
M1F	Motor (fan)
R1T	Thermistor (air)
R2T	Thermistor (liquid)
R3T	Thermistor (coil)
RyF1-4	Magnetic relay (fan)
SS1	Selector switch (emergency)
X1M,X2M	Terminal strip
RC	Signal receiver circuit
T1R	Transformer
TC	Signal transmission circuit

ADAPTOR FOR WIRING

RyH	Magnetic relay
-----	---------------------

CONNECTOR FOR OPTIONAL PARTS

X33A	Connector (adaptor for wiring)
X35A	Connector (group control adaptor)
X40A	Connector (remote on/off, forced off)
X60A,X61A	Connector (interface adaptor for sky air series)

FIELD SUPPLY

K1R..... Magnetic relay
EH..... Electrical heater

Wired remote controller :
Details of wired remote controller :
Adaptor for wiring :
Terminals for operation indicator :
Fan operation :
Compressor operation :
Switch box :

NOTE



1. When using the central remote controller, see manual for connection to the unit.
2. The remote controller model varies according to the combination system. See technical materials and catalogs, etc. before connecting.

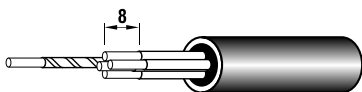
NOTE



In case of installing an electric heater, execute the additional wiring and use a separate power supply of 1~50 Hz 230 V.

Field cable and field fuse

- Use solid core cables to avoid loosening of the wires.
- Refer to the installation manual of the outdoor unit for the required field cable section and field fuse.
- Remove maximum 8 mm of the wire insulation when connecting the wires to the terminals.



- Open the switch box cover. Pull the wires through rubber bush 5 (See figure 1) and connect them to the matching power supply terminal.

NOTE



Observe the notes mentioned below when wiring to the power supply terminal board.

- Do not connect wires of different gauge to the same power supply terminal. (Looseness in the connection may cause overheating.)
- When connecting wires of the same gauge, connect them according to the figure.



INSTALLING THE REMOTE CONTROLLER



- Do not install the remote controller near a heater or in a position exposed to direct sunlight.
- Do not directly touch the PC board with your hand during installation.

Installation instructions and field settings

Refer to the installation manual delivered with the optional remote controller.

Setting the air filter replacement



By installing an air suction and discharge filter, lifetime of the unit can be prolonged.

Setting

- The remote controller displays  when it is time to clean the air filters.
- Change the second code n° according to the table depending on the amount of dirt or dust in the room (the 2nd code n° is factory set to '01' for light air filter contamination).

Setting	Display interval	Mode n°	1st code n°	2nd code n°
light air filter contamination	±2500 hrs.	20	0	01
heavy air filter contamination	±1250 hrs.	20	0	02

Setting the remote sensor

The customer has the ability to select the thermistor. Both unit and remote controller are equipped with a thermistor.

Setting

- Change the second code n° according to the table to enable or disable the remote sensor

Setting	Mode n°	1st code n°	2nd code n°
enabled	20	2	01
disabled	20	2	02



CAUTION for multi heat pump system

Enable the remote sensor when combined to a multi split heat pump system.

When the thermostat is switched off in heating mode, the expansion valve of the outdoor unit will not close completely. Some refrigerant will pass through, causing a temperature rise of the heat exchanger. The thermistor of the unit is sensing a higher temperature than the actual room temperature. This can cause a problem for the unit during start up in heating mode. By enabling the thermistor in the remote controller, the actual room temperature is sensed instead of the heat exchanger temperature.

Setting the FORCED ON/OFF function

The customer has the ability to select the FORCED OFF or the FORCED ON/OFF function.

Setting	Mode n°	1st code n°	2nd code n°
FORCED ON	22	1	01
FORCED OFF	22	1	02

CHECKLIST

After installing, check the following items:

 Tick ✓ when checked	
☐	Is the indoor unit securely installed?
☐	Is the gas leakage checked?
☐	Is the heat insulation: • for the gas pipe adequate? • for the liquid pipe adequate? • for the indoor side extension drain hose adequate?
☐	Does the drain flow out smoothly?
☐	Are the line voltages within tolerance?
☐	Is the earth wire earthed?
☐	Are the correct wires used?
☐	Are the air inlet and outlet of the indoor and outdoor unit not blocked?
☐	If installed as multi system indoor unit, check for each indoor unit if the piping and the wiring have the same code. (A/B/C/D/E)

SPECIAL FEATURES

Air suction direction (See figure 4)

This feature allows the user to choose the air suction direction. By switching the plate from bottom to rear, the air suction direction can be changed from the rear to the bottom side.

Drain pan outlet (See figure 5)

The customer has the possibility to select either right or left sided water drain outlet.

External off-on/off switch

This feature permits the user to switch off the unit remotely.

When the contact is open, the user has the opportunity to operate the remote controller. When the contact is closed, the unit is switched off.

(Remark: wiring length up to 100 m.)

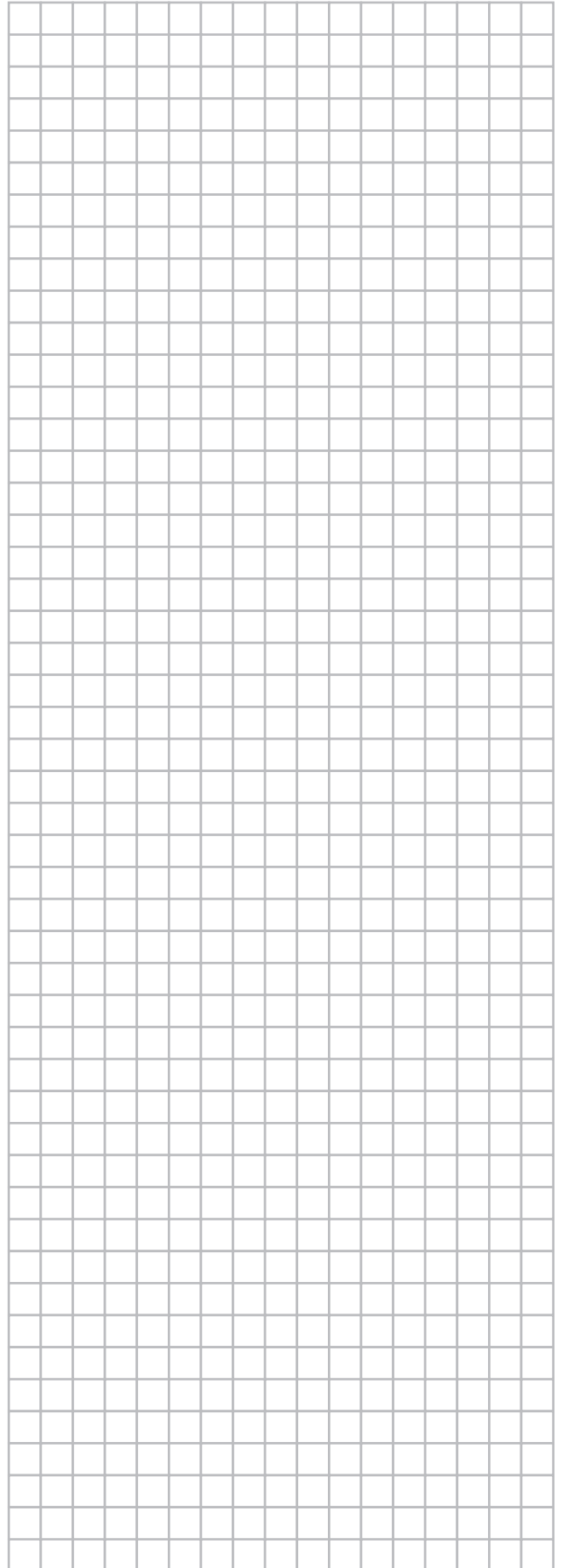
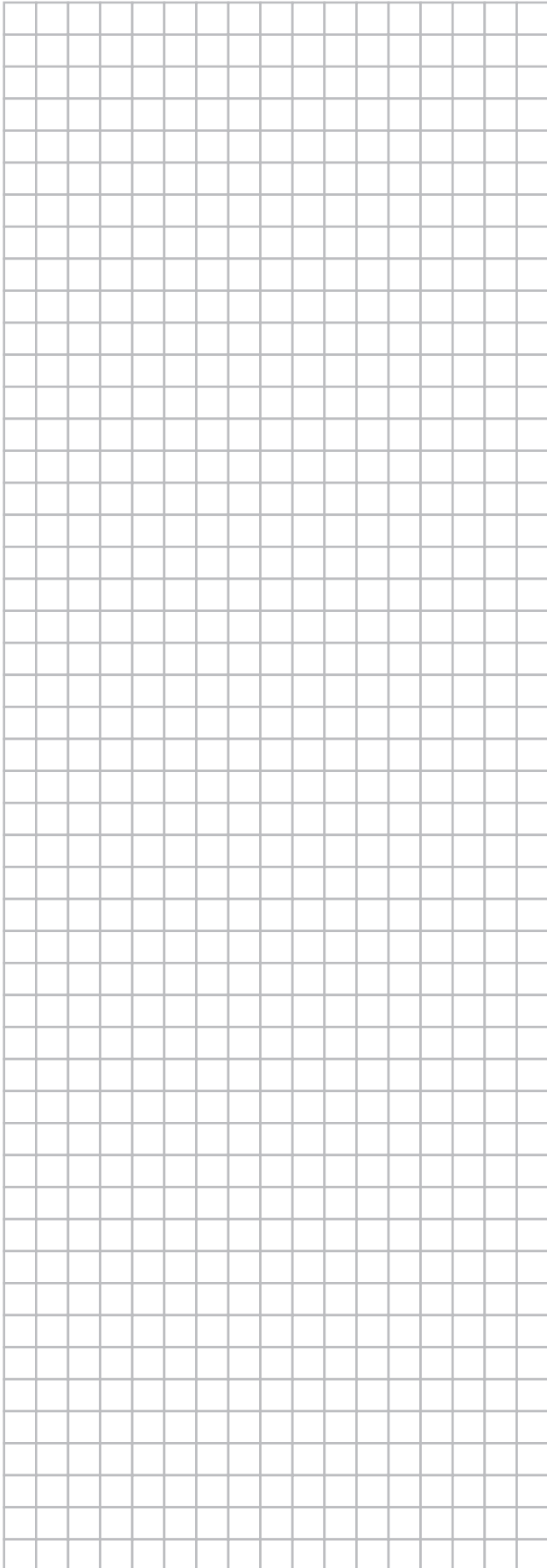
Master-slave unit system (mode batting)

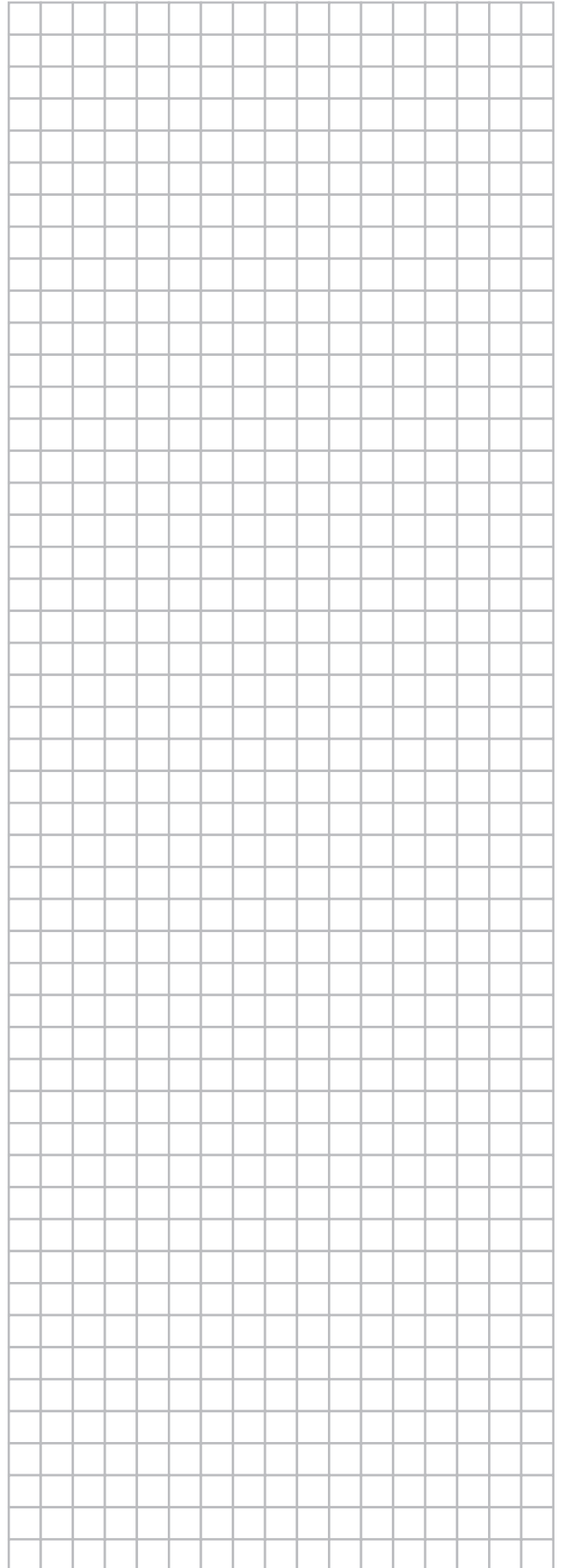
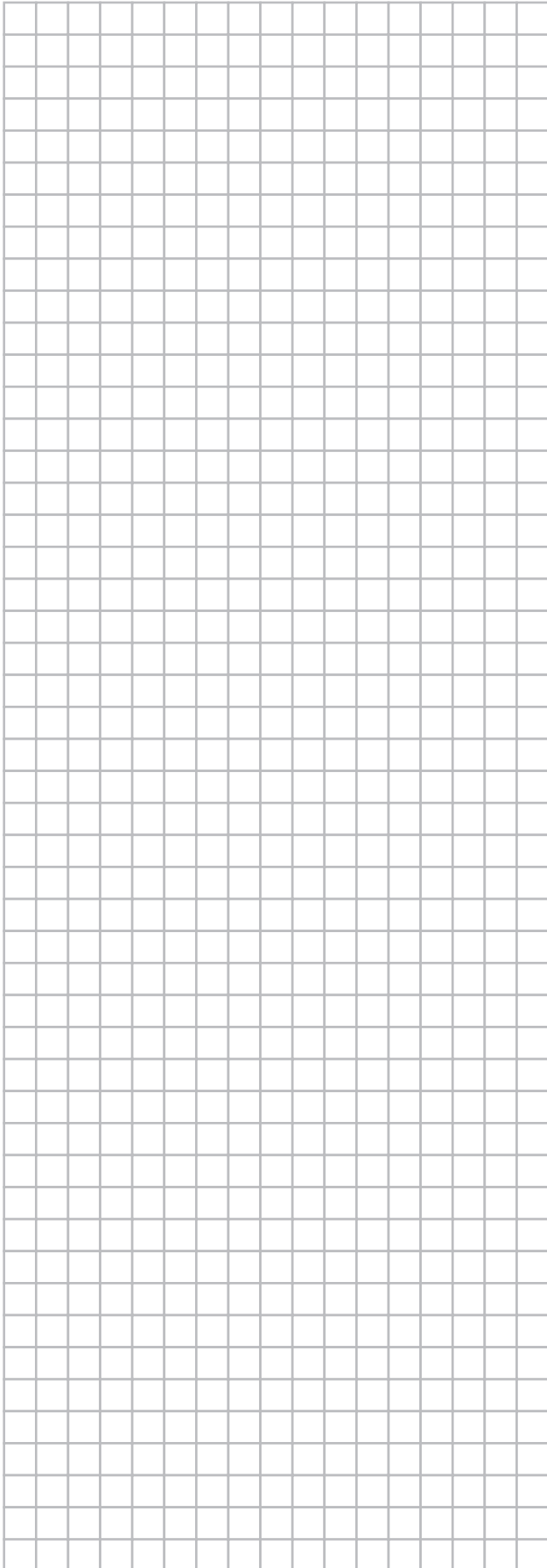
System operation mode cool or heat is determined by the mode the master unit is in. When the master unit is in cool mode, respectively heat mode, the system can only operate in cooling, respectively heating, regardless of the thermostat setting.

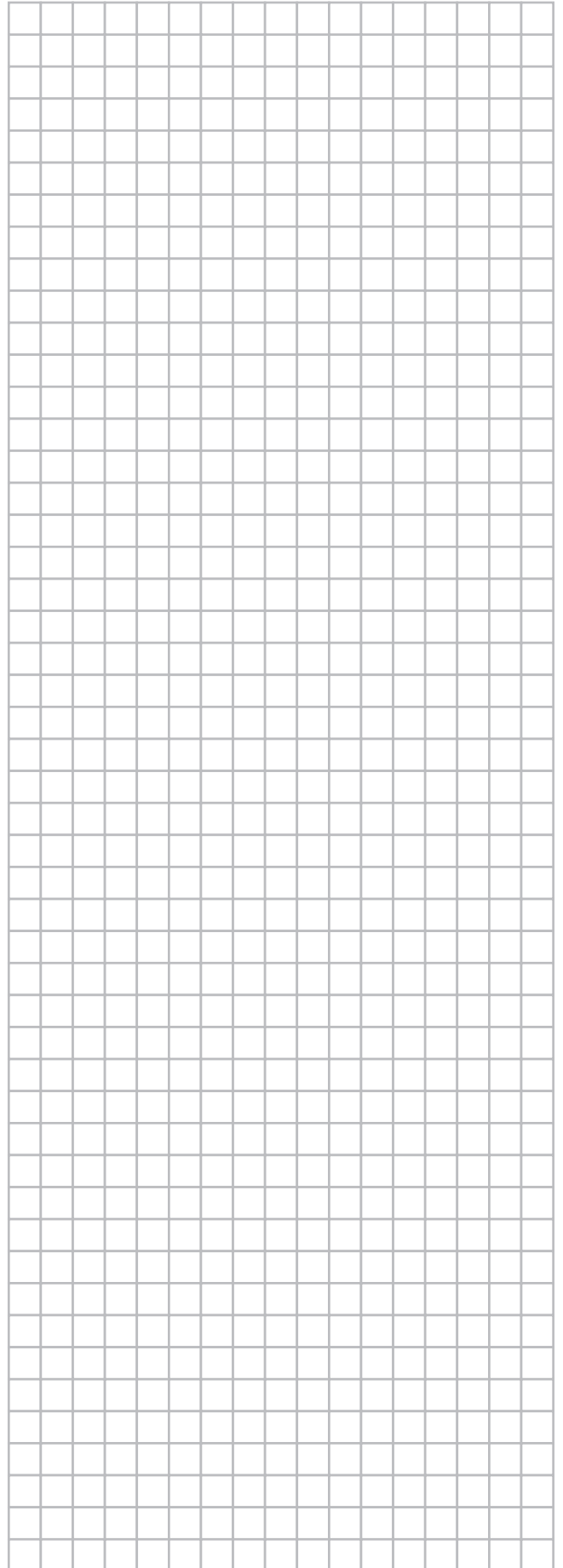
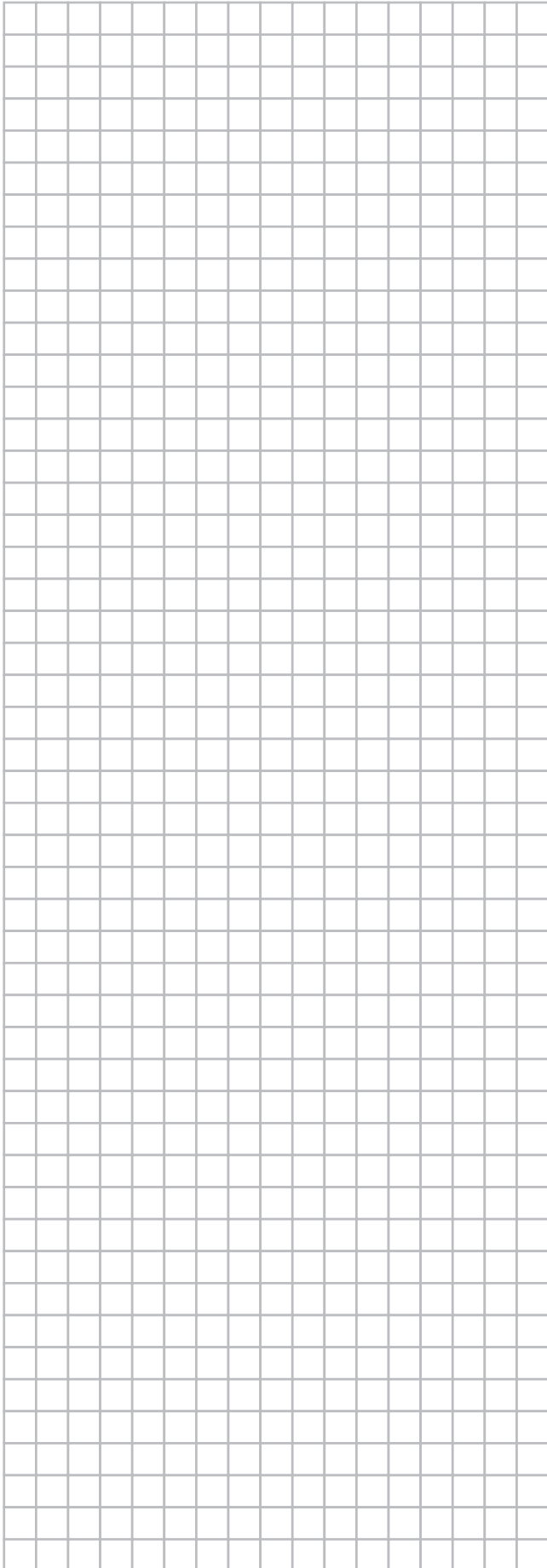
- When the master unit is OFF, the system mode is determined by the unit which is switched on first.
- For setting the master unit, contact your dealer.

NOTES

This image shows a full page of blank graph paper. The grid consists of small, uniform squares formed by thin, light gray lines. There are no margins, text, or other markings on the page.







EAC

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