DAIKIN

technical data

air conditioning systems

MKS-D

**Multi Model Application,
Inverter Controlled Unit**

Split
Sky Air

Split - Sky Air

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.

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 Europe N.V. participates in the Eurovent Certification Programme for Air Conditioners (AC), Liquid Chilling Packages (LCP) and Fan Coil Units (FC); the certified data of certified models are listed in the Eurovent Directory.

Specifications are subject to change without prior notice.

DAIKIN EUROPE N.V.

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Prepared in Belgium by Goekint Graphics

TABLE OF CONTENTS

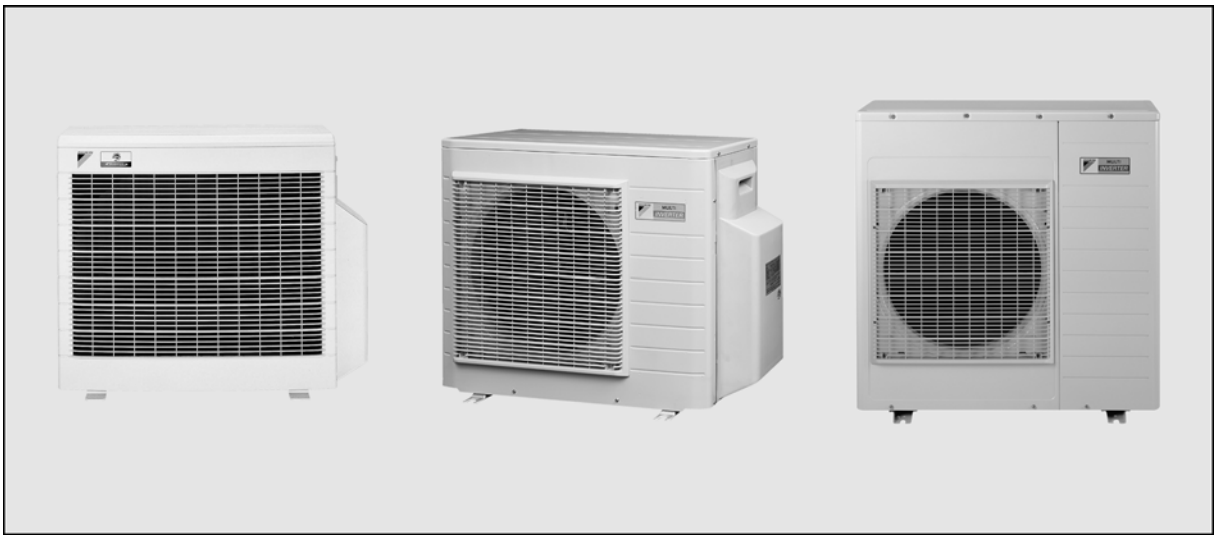
MKS-DVMB

1 Features

1

Outdoor units for Multi application

- With Multi D-outdoor units, it is possible to connect up to 4 indoor units of different capacities to a single outdoor unit, thereby reducing installation space and costs.
- It is possible to combine different types of SPLIT indoor units as well as small SKY AIR indoor units (e.g. wall mounted, Floor standing, 600 x 600 cassette).
- All DC-Inverter indoor units can be installed in Multi Model application.
- All indoor units remain individually controllable and do not need to be installed at the same time or in the same room. Il indoor units remain individually controllable and do not need to be installed at the same time or in the same room. Moreover, the energy consumption of a Daikin Multi system can be up to 20% lower than that of a separate indoor and outdoor unit application.
- Daikin outdoor units can be mounted easily on a roof or terrace or simply placed against an outside wall. They are fitted with a swing compressor, renowned for its low noise and high energy efficiency.
- Multi D-outdoor units are fitted with a swing compressor, renowned for its low noise and energy efficiency.



2 Specifications

2-1 TECHNICAL SPECIFICATIONS				2MKS40DVMB	3MKS50DVMB	4MKS58DVMB	4MKS75DVMB	4MKS90DVMB
Casing	Colour			Ivory White				
Dimensions	Packing	Height	mm	676	784	784	784	942
		Width	mm	800	960	960	960	926
		Depth	mm	366	357	357	357	394
	Unit	Height	mm	640	735	735	735	908
		Width	mm	685	936	936	936	900
		Depth	mm	285	300	300	300	320
Weight	Machine Weight		kg	39	55	55	58	66
	Gross Weight		kg	42	59	59	62	77
Heat Exchanger	Dimensions	Length	mm	678	845	845	845	840
		Nr of Rows		1	2	2	2	2
		Fin Pitch	mm	1.40	1.80	1.80	1.60	1.40
		Nr of Passes		2	5.8	5.8	5.8	4
		Nr of Stages		28	32	32	32	40
	Tube type			Hi-Xa(8)	Hi-Xa(8)	Hi-Xa(8)	Hi-Xa(8)	Hi-XSS(8)
	Fin	Type		WF fin				
		Treatment		Anti-corrosion treatment (PE)				
Fan	Type			Propeller				
	Quantity			1	1	1	1	1
	Air Flow Rate (nominal)	Cooling	m³/min	35.0	44.0	44.0	51.0	48.5
	Motor	Quantity		1	1	1	1	1
		Model		D50E-28	KFD-380-53-8B	KFD-380-53-8C	KFD-380-53-8C	KFD-380-51-8B
Motor	Speed (nominal at 230V)	Cooling	rpm	880	690	690	790	780
Fan	Motor	Output	W	50	53	53	53	51
Compressor	Motor	Model		1YC23GXD	2YC32HXD	2YC32HXD	2YC45BXD	2YC45BXD
		Type		Hermetically sealed swing compressor				
		Motor Output	W	600	980	980	1380	1380
Operation Range	Cooling	Min	°CDB	10.0	-10.0	-10.0	-10.0	-10.0
		Max	°CDB	46.0	46.0	46.0	46.0	46.0
Sound Level (nominal)	Cooling	Sound Power	dBA	62.0	59.0	59.0	61.0	61.0
		Sound Pressure	dBA	47.0	46.0	46.0	48.0	48.0
Sound Level (Night quiet)	Cooling	Sound Pressure	dBA	43.0				
Refrigerant	Type			R-410A				
	Charge		kg	0.98	2.00	2.00	2.30	3.10
Refrigerant Oil	Type			FVC50K				
	Charged Volume		l	0.4	0.7	0.7	0.8	0.8

2-1 TECHNICAL SPECIFICATIONS				2MKS40DVMB	3MKS50DVMB	4MKS58DVMB	4MKS75DVMB	4MKS90DVMB
Piping connections	Liquid (OD)	Quantity		2	3	4	4	4
		Diameter (OD)	mm	6.35	6.35	6.35	6.35	6.35
	Gas	Quantity		2	3	2	2	1
		Diameter (OD)	mm	9.5	9.5	9.5	9.5	9.5
		Quantity		-	-	2	1	1
		Diameter (OD)	mm	-	-	12.7	12.7	12.7
		Quantity		-	-	-	1	2
		Diameter (OD)	mm	-	-	-	15.9	15.9
	Drain	Quantity		-	-	-	1	1
		Diameter (OD)	mm	18	18	18	18	25
	Piping Length	Maximum	m	30 (for total of each room), 20 (for one room)	45 (for total of each room), 25 (for one room)	45 (for total of each room), 25 (for one room)	60 (for total of each room), 25 (for one room)	70 (for total of each room),25 (for one room)
	Additional Refrigerant Charge		kg/m	0.02/>20	chargeless	chargeless	chargeless	chargeless
	Installation height difference	Maximum	m	15.0	15.0	15.0	15.0	15.0
	Max. internunit level difference		m	7.5	7.5	7.5	7.5	7.5
	Heat Insulation			Both liquid and gas pipes				
Standard Accessories	Item			Installation manual				
	Quantity			1 pc				
	Item			Screw bag	-	-	-	-
	Quantity			1 pc	-	-	-	-
	Item			-	Drain plug	Drain plug	Drain plug	Drain plug
	Quantity			-	1 pc	1 pc	1 pc	1 pc
	Item			-	Reducer assembly	Reducer assembly	Reducer assembly	Reducer assembly
	Quantity			-	1 set	1 set	1 set	1 set
	Item			-	-	-	-	Drain cap
	Quantity			-	-	-	-	2 pcs
	Item			-	-	-	-	Drain receiver
	Quantity			-	-	-	-	3 pcs

2 Specifications

2-2 ELECTRICAL SPECIFICATIONS				2MKS40DVMB	3MKS50DVMB	4MKS58DVMB	4MKS75DVMB	4MKS90DVMB
Power Supply	Name			VM				
	Phase			1	1	1	1	1
	Frequency		Hz	50/60				
	Voltage		V	220-240/220-230				
Current	Nominal running current (RLA)	Cooling (A)	A		0.24	0.24	0.33	0.44
	Starting current (cooling/ heating)		A	5.6	7.7	7.7	8.7	9.1
Voltage range	Minimum		V	207	207	207	207	207
	Maximum		V	253	253	253	253	253
Wiring connections	For Power Supply	Quantity		3	3	3	3	3
	For connection with indoor	Quantity		4	4	4	4	4
		Remark		included earth wiring				
Power Supply Intake				Outdoor unit only				

NOTES

1 Nominal cooling capacities are based on : indoor temperature : 27°CDB, 19°CWB, outdoor temperature : 35°CDB, equivalent refrigerant piping : 7.5m, level difference : 0m.

2 Sound levels are measured in an anechoic room

3 Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to sound level drawings of this chapter.

4 The sound power level is an absolute value indicating the power which a sound source generates.

3 Electrical data

2MKS40DVMB

Cooling (50Hz 230V)

Combination	Units				Power supply		Comp.	OFM		IFM	
	Hz	Volts	Min.	Max.	MCA	MFA	RLA	W	FLA	W	FLA
2.0	50	230	207	253	3.4	12	2.3	50	0.40	40	0.17
2.5					4.7		3.0			40	0.17
3.5					6.5		4.6			40	0.17
2.0+2.0					6.7		4.9			80	0.34
2.0+2.5					6.7		5.0			80	0.34
2.0+3.5					6.8		5.0			80	0.34
2.5+2.5					6.8		5.0			80	0.34
2.5+3.5					6.8		5.0			80	0.34

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SYMBOLS

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (A)
RLA : Rated Load Amps (A)
OFM : Outdoor Fan Motor
IFM : Indoor Fan Motor
FLA : Full Load Amps (A)
W : Fan Motor Rated Output (W)

NOTES

1. RLA is based on the following conditions:
   Power supply: 50Hz 230V
   Cooling
   Indoor temp.: 27°CDB/19.0°CWB
   Outdoor temp. : 35°CDB
2. Maximum allowable voltage unbalance between phases is 2%
3. Select wire size based on the larger value of MCA.
4. Instead of fuse, use circuit breaker
5. For more details concerning conditional connections, see http://www.daikineurope.com/extranet, select "Daikin Documentation" and select "conditional connection", "the requested product type" and "English" from the drop down lists, click the search button. Finally, click on the document title of your choice.

3 Electrical data

3MKS50DVMB

Cooling (50Hz 230V)

Combination	Units				Power supply		Comp.	OFM		IFM	
	Hz	Volts	Min.	Max.	MCA	MFA	RLA	W	FLA	W	FLA
2.0	50	230	207	253	3.5	20	1.9	44	0.30	40	0.17
2.5					3.9		2.5			40	0.17
3.5					5.7		3.9			40	0.17
2.0+2.0					6.7		4.8			80	0.34
2.0+2.5					7.6		5.7			80	0.34
2.0+3.5					9.2		6.7			80	0.34
2.5+2.5					8.7		6.7			80	0.34
2.5+3.5					9.5		6.6			80	0.34
3.5+3.5					9.4		6.6			80	0.34
2.0+2.0+2.0					9.2		6.0			120	0.51
2.0+2.0+2.5					9.4		6.0			120	0.51
2.0+2.0+3.5					9.7		6.0			120	0.51
2.0+2.5+2.5					9.5		6.0			120	0.51
2.0+2.5+3.5					9.7		6.0			120	0.51
2.0+3.5+3.5					9.7		6.0			120	0.51
2.5+2.5+2.5					9.7		6.0			120	0.51
2.5+2.5+3.5					9.7		6.0			120	0.51
2.5+3.5+3.5					9.6		5.8			120	0.51

SYMBOLS

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (A)
RLA : Rated Load Amps (A)
OFM : Outdoor Fan Motor
IFM : Indoor Fan Motor
FLA : Full Load Amps (A)
W : Fan Motor Rated Output (W)

NOTES

1. RLA is based on the following conditions:
   Power supply: 50Hz 230V
   Cooling
   Indoor temp.: 27°CDB/19.0°CWB
   Outdoor temp. : 35°CDB
   heating
   Indoor temp.: 20°CDB
   Outdoor temp.: 7°CDB/6°CWB
2. Maximum allowable voltage unbalance between phases is 2%
3. Select wire size based on the larger value of MCA.
4. Instead of fuse, use circuit breaker
5. For more details concerning conditional connections, see http://www.daikineurope.com/extranet, select "Daikin Documentation" and select "conditional connection", "the requested product type" and "English" from the drop down lists, click the search button. Finally, click on the document title of your choice.

3 Electrical data

4MKS58DVMB

Cooling (50Hz 230V)

Combination	Units				Power supply		Comp.	OFM		IFM	
	Hz	Volts	Min.	Max.	MCA	MFA	RLA	W	FLA	W	FLA
2.0	50	230	207	253	3.5	20	2.1	44	0.30	40	0.17
2.5					3.8		2.6			40	0.17
3.5					5.9		3.9			40	0.17
5.0					8.7		7.8			40	0.17
2.0+2.0					6.8		4.7			80	0.34
2.0+2.5					7.7		5.6			80	0.34
2.0+3.5					9.3		6.8			80	0.34
2.0+5.0					10.7		8.4			80	0.34
2.5+2.5					8.7		6.5			80	0.34
2.5+3.5					9.6		7.0			80	0.34
2.5+5.0					10.7		8.8			80	0.34
3.5+3.5					9.6		7.5			80	0.34
3.5+5.0					10.8		9.3			80	0.34
5.0+5.0					10.8		9.0			80	0.34
2.0+2.0+2.0					9.7		6.7			120	0.51
2.0+2.0+2.5					9.7		6.9			120	0.51
2.0+2.0+3.5					9.7		7.4			120	0.51
2.0+2.0+5.0					10.8		8.6			120	0.51
2.0+2.5+2.5					9.7		7.2			120	0.51
2.0+2.5+3.5					9.7		7.7			120	0.51
2.0+2.5+5.0					10.8		8.6			120	0.51
2.0+3.5+3.5					9.7		7.9			120	0.51
2.5+2.5+2.5					9.7		7.4			120	0.51
2.5+2.5+3.5					9.7		8.0			120	0.51
2.5+2.5+5.0					10.8		8.7			120	0.51
2.5+3.5+3.5					9.7		8.0			120	0.51
2.0+2.0+2.0+2.0					9.7		7.3			160	0.69
2.0+2.0+2.0+2.5					9.7		7.6			160	0.69
2.0+2.0+2.0+3.5					9.7		7.6			160	0.69
2.0+2.0+2.5+2.5					9.7		7.6			160	0.69
2.0+2.0+2.5+3.5					9.7		7.6			160	0.69
2.0+2.5+2.5+2.5					9.7		7.6			160	0.69
2.5+2.5+2.5+2.5					9.7		7.6			160	0.69

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SYMBOLS

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (A)
RLA : Rated Load Amps (A)
OFM : Outdoor Fan Motor
IFM : Indoor Fan Motor
FLA : Full Load Amps (A)
W : Fan Motor Rated Output (W)

NOTES

1. RLA is based on the following conditions:
   Power supply: 50Hz 230V
   Cooling
   Indoor temp.: 27°CDB/19.0°CWB
   Outdoor temp. : 35°CDB
   heating
   Indoor temp.: 20°CDB
   Outdoor temp.: 7°CDB/6°CWB
2. Maximum allowable voltage unbalance between phases is 2%
3. Select wire size based on the larger value of MCA.
4. Instead of fuse, use circuit breaker
5. For more details concerning conditional connections, see http://www.daikineurope.com/extranet, select "Daikin Documentation" and select "conditional connection", "the requested product type" and "English" from the drop down lists, click the search button. Finally, click on the document title of your choice.

3 Electrical data

4MKS75DVMB

Cooling (50Hz 230V)

Combination	Units				Power supply		Comp.	OFM		IFM	
	Hz	Volts	Min.	Max.	MCA	MFA	RLA	W	FLA	W	FLA
2.0	50	230	207	253	3.9	20	2.0	68	0.41	40	0.17
2.5					4.5		2.7			40	0.17
3.5					6.6		4.2			40	0.17
5.0					9.1		7.8			40	0.17
6.0					10.2		8.8			45	0.25
7.1					12.6		12.0			50	0.28
2.0+2.0					7.4		4.9			80	0.34
2.0+2.5					8.4		5.9			80	0.34
2.0+3.5					10.5		8.2			80	0.34
2.0+5.0					12.3		10.8			80	0.34
2.0+6.0					11.6		10.2			85	0.42
2.0+7.1					13.0		11.0			90	0.45
2.5+2.5					9.3		7.0			80	0.34
2.5+3.5					11.2		9.8			80	0.34
2.5+5.0					12.7		11.2			80	0.34
2.5+6.0					12.3		10.7			85	0.42
2.5+7.1					13.5		11.5			90	0.45
3.5+3.5					13.8		12.9			80	0.34
3.5+5.0					14.0		12.4			80	0.34
3.5+6.0					13.3		11.7			85	0.42
3.5+7.1					14.4		11.5			90	0.45
5.0+5.0					14.4		12.7			80	0.34
5.0+6.0					15.1		11.9			85	0.42
5.0+7.1					15.5		11.7			90	0.45
6.0+6.0					13.9		10.4			90	0.50
6.0+7.1					14.1		10.3			95	0.53

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SYMBOLS

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (A)
RLA : Rated Load Amps (A)
OFM : Outdoor Fan Motor
IFM : Indoor Fan Motor
FLA : Full Load Amps (A)
W : Fan Motor Rated Output (W)

NOTES

1. RLA is based on the following conditions:
   Power supply: 50Hz 230V
   Cooling
   Indoor temp.: 27°CDB/19.0°CWB
   Outdoor temp. : 35°CDB
   Heating
   Indoor temp.: 20°CDB
   Outdoor temp.: 7°CDB/6°CWB
2. Maximum allowable voltage unbalance between phases is 2%
3. Select wire size based on the larger value of MCA.
4. Instead of fuse, use circuit breaker
5. For more details concerning conditional connections, see http://www.daikineurope.com/extranet, select "Daikin Documentation" and select "conditional connection","the requested product type" and "English" from the drop down lists, click the search button. Finally, click on the document title of your choice.

3 Electrical data

4MKS75DVMB

Cooling (50Hz 230V)

Combination	Units				Power supply		Comp.	OFM		IFM	
	Hz	Volts	Min.	Max.	MCA	MFA	RLA	W	FLA	W	FLA
2.0+2.0+2.0	50	230	207	253	9.3	20	6.8	68	0.41	120	0.51
2.0+2.0+2.5					10.1		8.3			120	0.51
2.0+2.0+3.5					11.3		9.0			120	0.51
2.0+2.0+5.0					13.2		10.5			120	0.51
2.0+2.0+6.0					12.9		9.6			125	0.59
2.0+2.0+7.1					13.8		9.5			130	0.62
2.0+2.5+2.5					10.7		8.7			120	0.51
2.0+2.5+3.5					12.0		9.4			120	0.51
2.0+2.5+5.0					14.0		10.9			120	0.51
2.0+2.5+6.0					13.6		9.6			125	0.59
2.0+2.5+7.1					14.1		9.5			130	0.62
2.0+3.5+3.5					13.1		10.3			120	0.51
2.0+3.5+5.0					15.3		10.9			120	0.51
2.0+3.5+6.0					14.1		9.6			125	0.59
2.0+3.5+7.1					14.8		9.6			130	0.62
2.0+5.0+5.0					15.0		10.2			120	0.51
2.0+5.0+6.0					15.4		10.0			125	0.59
2.5+2.5+2.5					11.3		9.0			120	0.51
2.5+2.5+3.5					12.6		9.9			120	0.51
2.5+2.5+5.0					14.5		10.9			120	0.51
2.5+2.5+6.0					13.8		9.6			125	0.59
2.5+2.5+7.1					14.5		9.6			130	0.62
2.5+3.5+3.5					13.7		10.9			120	0.51
2.5+3.5+5.0					15.5		10.9			120	0.51
2.5+3.5+6.0					14.6		9.6			125	0.59
2.5+3.5+7.1					15.0		9.6			130	0.62
2.5+5.0+5.0					15.2		10.2			120	0.51
2.5+5.0+6.0					15.6		10.0			125	0.59
3.5+3.5+3.5					14.4		10.9			120	0.51
3.5+3.5+5.0					16.3		10.9			120	0.51
3.5+3.5+6.0					15.1		9.6			125	0.59
3.5+5.0+5.0					15.7		10.2			120	0.51

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SYMBOLS

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (A)
RLA : Rated Load Amps (A)
OFM : Outdoor Fan Motor
IFM : Indoor Fan Motor
FLA : Full Load Amps (A)
W : Fan Motor Rated Output (W)

NOTES

1. RLA is based on the following conditions:
   Power supply: 50Hz 230V
   Cooling
   Indoor temp.: 27°CDB/19.0°CWB
   Outdoor temp. : 35°CDB
   Heating
   Indoor temp.: 20°CDB
   Outdoor temp.: 7°CDB/6°CWB
2. Maximum allowable voltage unbalance between phases is 2%
3. Select wire size based on the larger value of MCA.
4. Instead of fuse, use circuit breaker
5. For more details concerning conditional connections, see http://www.daikineurope.com/extranet, select "Daikin Documentation" and select "conditional connection","the requested product type" and "English" from the drop down lists, click the search button. Finally, click on the document title of your choice.

3 Electrical data

4MKS75DVMB

Cooling (50Hz 230V)

Combination	Units				Power supply		Comp.	OFM		IFM	
	Hz	Volts	Min.	Max.	MCA	MFA	RLA	W	FLA	W	FLA
2.0+2.0+2.0+2.0	50	230	207	253	10.9	20	8.1	68	0.41	160	0.69
2.0+2.0+2.0+2.5					11.6		8.4			160	0.69
2.0+2.0+2.0+3.5					12.2		9.2			160	0.69
2.0+2.0+2.0+5.0					14.0		9.7			160	0.69
2.0+2.0+2.0+6.0					13.5		8.5			165	0.76
2.0+2.0+2.0+7.1					13.9		8.2			170	0.79
2.0+2.0+2.5+2.5					11.8		8.8			160	0.69
2.0+2.0+2.5+3.5					12.6		9.2			160	0.69
2.0+2.0+2.5+5.0					14.3		9.7			160	0.69
2.0+2.0+2.5+6.0					13.7		8.5			165	0.76
2.0+2.0+3.5+3.5					13.8		9.2			160	0.69
2.0+2.0+3.5+5.0					15.3		9.6			160	0.69
2.0+2.0+3.5+6.0					14.2		8.5			165	0.76
2.0+2.5+2.5+2.5					12.2		9.3			160	0.69
2.0+2.5+2.5+3.5					13.1		9.2			160	0.69
2.0+2.5+2.5+5.0					14.8		9.6			160	0.69
2.0+2.5+2.5+6.0					14.2		8.5			165	0.76
2.0+2.5+3.5+3.5					14.3		9.2			160	0.69
2.0+2.5+3.5+5.0					15.9		9.6			160	0.69
2.0+3.5+3.5+3.5					15.2		9.2			160	0.69
2.5+2.5+2.5+2.5					12.6		9.0			160	0.69
2.5+2.5+2.5+3.5					13.8		9.2			160	0.69
2.5+2.5+2.5+5.0					15.3		9.6			160	0.69
2.5+2.5+2.5+6.0					14.2		8.5			165	0.76
2.5+2.5+3.5+3.5					14.6		9.2			160	0.69
2.5+2.5+3.5+5.0					15.9		9.6			160	0.69
2.5+3.5+3.5+3.5					15.5		9.2			160	0.69

3D049104#3

SYMBOLS

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (A)
RLA : Rated Load Amps (A)
OFM : Outdoor Fan Motor
IFM : Indoor Fan Motor
FLA : Full Load Amps (A)
W : Fan Motor Rated Output (W)

NOTES

1. RLA is based on the following conditions:
   Power supply: 50Hz 230V
   Cooling
   Indoor temp.: 27°CDB/19.0°CWB
   Outdoor temp. : 35°CDB
   Heating
   Indoor temp.: 20°CDB
   Outdoor temp.: 7°CDB/6°CWB
2. Maximum allowable voltage unbalance between phases is 2%
3. Select wire size based on the larger value of MCA.
4. Instead of fuse, use circuit breaker
5. For more details concerning conditional connections, see http://www.daikineurope.com/extranet, select "Daikin Documentation" and select "conditional connection","the requested product type" and "English" from the drop down lists, click the search button. Finally, click on the document title of your choice.

3 Electrical data

4MKS90DVMB

Cooling (50Hz 230V)

Combination	Units				Power supply		Comp.	OFM		IFM	
	Hz	Volts	Min.	Max.	MCA	MFA	RLA	W	FLA	W	FLA
2.0	50	230	207	253	3.7	20	2.3	60	0.55	40	0.17
2.5					5.2		3.1			40	0.17
3.5					7.2		4.5			40	0.17
5.0					8.0		6.9			40	0.17
6.0					9.7		8.0			45	0.25
7.1					12.1		10.9			50	0.28
2.0+2.0					6.6		4.0			80	0.34
2.0+2.5					7.4		4.8			80	0.34
2.0+3.5					9.4		6.8			80	0.34
2.0+5.0					11.8		10.5			80	0.34
2.0+6.0					11.7		10.1			85	0.42
2.0+7.1					12.3		10.9			90	0.45
2.5+2.5					8.7		5.8			80	0.34
2.5+3.5					10.2		8.1			80	0.34
2.5+5.0					12.6		11.1			80	0.34
2.5+6.0					12.1		10.5			85	0.42
2.5+7.1					13.1		11.5			90	0.45
3.5+3.5					11.9		10.7			80	0.34
3.5+5.0					13.9		12.3			80	0.34
3.5+6.0					13.1		11.5			85	0.42
3.5+7.1					14.7		11.9			90	0.45
5.0+5.0					15.5		13.7			80	0.34
5.0+6.0					14.1		12.5			85	0.42
5.0+7.1					15.1		13.8			90	0.45
6.0+6.0					13.6		12.1			90	0.50
6.0+7.1					13.5		12.0			95	0.53
7.1+7.1					13.5		12.1			100	0.55

3D049105#1

SYMBOLS

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (A)
RLA : Rated Load Amps (A)
OFM : Outdoor Fan Motor
IFM : Indoor Fan Motor
FLA : Full Load Amps (A)
W : Fan Motor Rated Output (W)

NOTES

1. RLA is based on the following conditions:
   Power supply: 50Hz 230V
   Cooling
   Indoor temp.: 27°CDB/19.0°CWB
   Outdoor temp. : 35°CDB
   heating
   Indoor temp.: 20°CDB
   Outdoor temp.: 7°CDB/6°CWB
2. Maximum allowable voltage unbalance between phases is 2%
3. Select wire size based on the larger value of MCA.
4. Instead of fuse, use circuit breaker
5. For more details concerning conditional connections, see http://www.daikineurope.com/extranet, select "Daikin Documentation" and select "conditional connection", "the requested product type" and "English" from the drop down lists, click the search button. Finally, click on the document title of your choice.

3 Electrical data

4MKS90DVMB

Cooling (50Hz 230V)

Combination	Units				Power supply		Comp.	OFM		IFM	
	Hz	Volts	Min.	Max.	MCA	MFA	RLA	W	FLA	W	FLA
2.0+2.0+2.0					8.5		6.3			120	0.51
2.0+2.0+2.5					9.0		7.3			120	0.51
2.0+2.0+3.5					10.8		9.1			120	0.51
2.0+2.0+5.0					12.0		9.9			120	0.51
2.0+2.0+6.0					11.5		9.2			125	0.59
2.0+2.0+7.1					12.1		9.9			130	0.62
2.0+2.5+2.5					9.8		8.5			120	0.51
2.0+2.5+3.5					11.6		9.5			120	0.51
2.0+2.5+5.0					12.9		10.3			120	0.51
2.0+2.5+6.0					11.9		9.6			125	0.59
2.0+2.5+7.1					12.3		10.3			130	0.62
2.0+3.5+3.5					12.3		10.3			120	0.51
2.0+3.5+5.0					13.6		11.2			120	0.51
2.0+3.5+6.0					12.3		10.4			125	0.59
2.0+3.5+7.1					13.4		11.2			130	0.62
2.0+5.0+5.0					12.3		10.2			120	0.51
2.0+5.0+6.0					12.4		10.6			125	0.59
2.0+5.0+7.1					12.4		11.1			130	0.62
2.0+6.0+6.0					11.1		9.7			130	0.67
2.0+6.0+7.1					11.1		9.7			135	0.70
2.5+2.5+2.5	50	230	207	253	10.8	20	8.9	60	0.55	120	0.51
2.5+2.5+3.5					12.2		9.9			120	0.51
2.5+2.5+5.0					13.2		10.7			120	0.51
2.5+2.5+6.0					12.4		10.0			125	0.59
2.5+2.5+7.1					12.9		10.7			130	0.62
2.5+3.5+3.5					13.0		10.8			120	0.51
2.5+3.5+5.0					14.1		11.6			120	0.51
2.5+3.5+6.0					13.0		10.8			125	0.59
2.5+3.5+7.1					13.6		11.8			130	0.62
2.5+5.0+5.0					12.6		10.6			120	0.51
2.5+5.0+6.0					12.7		11.1			125	0.59
2.5+5.0+7.1					12.6		11.1			130	0.62
2.5+6.0+6.0					11.3		9.8			130	0.67
3.5+3.5+3.5					15.0		11.7			120	0.51
3.5+3.5+5.0					14.5		12.5			120	0.51
3.5+3.5+6.0					14.3		11.8			125	0.59
3.5+3.5+7.1					14.3		12.2			130	0.62
3.5+5.0+5.0					13.0		11.4			120	0.51
3.5+5.0+6.0					12.9		11.3			125	0.59
3.5+6.0+6.0					11.3		9.8			130	0.67
5.0+5.0+5.0					11.4		9.6			120	0.51

3D049105#2

SYMBOLS

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (A)
RLA : Rated Load Amps (A)
OFM : Outdoor Fan Motor
IFM : Indoor Fan Motor
FLA : Full Load Amps (A)
W : Fan Motor Rated Output (W)

NOTES

1. RLA is based on the following conditions:
   Power supply: 50Hz 230V
   Cooling
   Indoor temp.: 27°CDB/19.0°CWB
   Outdoor temp. : 35°CDB
   heating
   Indoor temp.: 20°CDB
   Outdoor temp.: 7°CDB/6°CWB
2. Maximum allowable voltage unbalance between phases is 2%
3. Select wire size based on the larger value of MCA.
4. Instead of fuse, use circuit breaker
5. For more details concerning conditional connections, see http://www.daikineurope.com/extranet, select "Daikin Documentation" and select "conditional connection", "the requested product type" and "English" from the drop down lists, click the search button. Finally, click on the document title of your choice.

3 Electrical data

4MKS90DVMB

Cooling (50Hz 230V)

Combination	Units				Power supply		Comp.	OFM		IFM	
	Hz	Volts	Min.	Max.	MCA	MFA	RLA	W	FLA	W	FLA
2.0+2.0+2.0+2.0	50	230	207	253	8.5	20	7.1	60	0.55	160	0.69
2.0+2.0+2.0+2.5					9.2		7.5			160	0.69
2.0+2.0+2.0+3.5					10.4		8.0			160	0.69
2.0+2.0+2.0+5.0					10.9		8.3			160	0.69
2.0+2.0+2.0+6.0					10.5		7.7			165	0.76
2.0+2.0+2.0+7.1					10.6		8.2			170	0.79
2.0+2.0+2.5+2.5					9.6		7.7			160	0.69
2.0+2.0+2.5+3.5					10.9		8.4			160	0.69
2.0+2.0+2.5+5.0					11.5		8.7			160	0.69
2.0+2.0+2.5+6.0					10.3		7.9			165	0.76
2.0+2.0+2.5+7.1					10.4		8.3			170	0.79
2.0+2.0+3.5+3.5					11.9		9.0			160	0.69
2.0+2.0+3.5+5.0					11.8		9.3			160	0.69
2.0+2.0+3.5+6.0					10.7		8.6			165	0.76
2.0+2.0+3.5+7.1					10.8		8.6			170	0.79
2.0+2.0+5.0+5.0					12.3		8.7			160	0.69
2.0+2.0+5.0+6.0					11.6		8.1			165	0.76
2.0+2.5+2.5+2.5					10.1		8.0			160	0.69
2.0+2.5+2.5+3.5					11.3		8.8			160	0.69
2.0+2.5+2.5+5.0					12.2		8.8			160	0.69
2.0+2.5+2.5+6.0					11.3		8.2			165	0.76
2.0+2.5+2.5+7.1					11.4		8.6			170	0.79
2.0+2.5+3.5+3.5					13.0		9.4			160	0.69
2.0+2.5+3.5+5.0					12.0		9.7			160	0.69
2.0+2.5+3.5+6.0					10.9		8.8			165	0.76
2.0+2.5+3.5+7.1					11.0		8.6			170	0.79
2.0+2.5+5.0+5.0					12.5		8.7			160	0.69
2.0+2.5+5.0+6.0					11.5		8.1			165	0.76
2.0+3.5+3.5+3.5					13.0		10.2			160	0.69
2.0+3.5+3.5+5.0					12.6		10.1			160	0.69
2.0+3.5+3.5+6.0					11.7		8.8			165	0.76
2.0+3.5+5.0+5.0					12.0		8.7			160	0.69
2.5+2.5+2.5+2.5					10.8		8.4			160	0.69
2.5+2.5+2.5+3.5					11.9		8.9			160	0.69
2.5+2.5+2.5+5.0					11.8		9.3			160	0.69
2.5+2.5+2.5+6.0					10.7		8.6			165	0.76
2.5+2.5+2.5+7.1					10.8		8.6			170	0.79
2.5+2.5+3.5+3.5					12.8		9.8			160	0.69
2.5+2.5+3.5+5.0					12.2		10.1			160	0.69
2.5+2.5+3.5+6.0					11.1		8.8			165	0.76
2.5+2.5+5.0+5.0					12.1		8.7			160	0.69
2.5+3.5+3.5+3.5					13.0		10.8			160	0.69
2.5+3.5+3.5+5.0					12.6		10.1			160	0.69
2.5+3.5+3.5+6.0					11.5		8.8			165	0.76
3.5+3.5+3.5+3.5					13.7		11.2			160	0.69
3.5+3.5+3.5+5.0					13.1		10.1			160	0.69

3D049105#3

SYMBOLS

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (A)
RLA : Rated Load Amps (A)
OFM : Outdoor Fan Motor
IFM : Indoor Fan Motor
FLA : Full Load Amps (A)
W : Fan Motor Rated Output (W)

NOTES

1. RLA is based on the following conditions:
   Power supply: 50Hz 230V
   Cooling
   Indoor temp.: 27°CDB/19.0°CWB
   Outdoor temp. : 35°CDB
   heating
   Indoor temp.: 20°CDB
   Outdoor temp.: 7°CDB/6°CWB
2. Maximum allowable voltage unbalance between phases is 2%
3. Select wire size based on the larger value of MCA.
4. Instead of fuse, use circuit breaker
5. For more details concerning conditional connections, see http://www.daikineurope.com/extranet, select "Daikin Documentation" and select "conditional connection", "the requested product type" and "English" from the drop lists, click the search button. Finally, click on the document title of your choice.

4 Capacity tables

4 - 1 Combination table

Cooling [50Hz 230V]

Outdoor unit	Combination of indoor unit	Capacity of each indoor unit										
		Each capacity (kW)				Total capacity (kW)		Total input (W)		Total current (A)		Power factor %
		A Room	B Room	C Room	D Room	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating
2MKS40DVMB	2.0	2.00	—	—	—	2.00	1.20 ~ 2.40	620	340 ~ 750	2.9	1.9 ~ 3.4	94
	2.5	2.50	—	—	—	2.50	1.20 ~ 3.00	770	340 ~ 1030	3.6	1.9 ~ 4.7	94
	3.5	3.15	—	—	—	3.15	1.20 ~ 3.60	1140	340 ~ 1460	5.2	1.9 ~ 6.6	95
	2.0+2.0	1.90	1.90	—	—	3.80	1.50 ~ 4.10	1210	400 ~ 1490	5.6	2.2 ~ 6.9	94
	2.0+2.5	1.80	2.10	—	—	3.90	1.50 ~ 4.10	1240	400 ~ 1490	5.7	2.2 ~ 6.9	94
	2.0+3.5	1.70	2.20	—	—	3.90	1.50 ~ 4.20	1240	400 ~ 1520	5.7	2.2 ~ 6.9	94
	2.5+2.5	1.95	1.95	—	—	3.90	1.50 ~ 4.20	1240	400 ~ 1520	5.7	2.2 ~ 6.9	94
	2.5+3.5	1.75	2.15	—	—	3.90	1.50 ~ 4.20	1240	400 ~ 1520	5.7	2.2 ~ 6.9	94

3D049739#3

NOTES

1 Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).

2 The total ability of connected a indoor unit is up to 6.0 kW

3 The above is the value for connecting with the following indoor units.
2.0, 2.5, 3.5 kW class: wall mounted C series

4 Capacity tables

4 - 1 Combination table

Cooling [50Hz 230V]

Outdoor unit	Combination of indoor unit	Capacity of each indoor unit										
		Each capacity (kW)				Total capacity (kW)		Total input (W)		Total current (A)		Power factor %
		A Room	B Room	C Room	D Room	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating
2MKS40DVMB	2.0	2.00	—	—	—	2.00	1.20 ~ 2.40	610	340 ~ 740	2.8	1.9 ~ 3.4	94
	2.5	2.50	—	—	—	2.50	1.20 ~ 3.00	760	340 ~ 1020	3.5	1.9 ~ 4.7	94
	3.5	3.15	—	—	—	3.15	1.20 ~ 3.60	1120	340 ~ 1440	5.1	1.9 ~ 6.5	95
	2.0+2.0	1.90	1.90	—	—	3.80	1.50 ~ 4.10	1190	400 ~ 1460	5.5	2.2 ~ 6.7	94
	2.0+2.5	1.80	2.10	—	—	3.90	1.50 ~ 4.10	1210	400 ~ 1460	5.6	2.2 ~ 6.7	94
	2.0+3.5	1.70	2.20	—	—	3.90	1.50 ~ 4.20	1210	400 ~ 1490	5.6	2.2 ~ 6.8	94
	2.5+2.5	1.95	1.95	—	—	3.90	1.50 ~ 4.20	1210	400 ~ 1490	5.6	2.2 ~ 6.8	94
	2.5+3.5	1.75	2.15	—	—	3.90	1.50 ~ 4.20	1210	400 ~ 1490	5.6	2.2 ~ 6.8	94

3D049739#2

NOTES

1 Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).

2 The total ability of connected a indoor unit is up to 6.0 kW

3 The above is the value for connecting with the following indoor units.
2.0, 2.5, 3.5 kW class: wall mounted D series

4 Capacity tables

4 - 1 Combination table

Cooling [50Hz 230V]

Outdoor unit	Combination of indoor unit	Capacity of each indoor unit										
		Each capacity (kW)				Total capacity (kW)		Total input (W)		Total current (A)		Power factor %
		A Room	B Room	C Room	D Room	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating
3MKS50DVMB	2.0	2.00	—	—	—	2.00	1.11 ~ 2.97	520	290 ~ 800	2.4	1.4 ~ 3.6	96
	2.5	2.50	—	—	—	2.50	1.19 ~ 3.25	650	300 ~ 890	2.9	1.4 ~ 4.0	96
	3.5	3.50	—	—	—	3.50	1.20 ~ 4.54	1000	300 ~ 1330	4.4	1.4 ~ 5.9	98
	2.0+2.0	2.00	2.00	—	—	4.00	1.22 ~ 5.01	1230	340 ~ 1560	5.4	1.6 ~ 6.9	99
	2.0+2.5	2.00	2.50	—	—	4.50	1.29 ~ 5.47	1450	350 ~ 1790	6.4	1.6 ~ 7.9	99
	2.0+3.5	1.82	3.18	—	—	5.00	1.35 ~ 6.20	1680	350 ~ 2150	7.5	1.6 ~ 9.5	98
	2.5+2.5	2.50	2.50	—	—	5.00	1.29 ~ 5.92	1680	350 ~ 2030	7.4	1.6 ~ 9.0	99
	2.5+3.5	2.08	2.92	—	—	5.00	1.34 ~ 6.27	1670	350 ~ 2210	7.4	1.6 ~ 9.8	98
	3.5+3.5	2.50	2.50	—	—	5.00	1.42 ~ 6.31	1660	370 ~ 2190	7.4	1.7 ~ 9.7	98
	2.0+2.0+2.0	1.66	1.66	1.66	—	4.98	1.35 ~ 6.23	1570	330 ~ 2150	6.9	1.6 ~ 9.5	99
	2.0+2.0+2.5	1.53	1.53	1.92	—	4.98	1.42 ~ 6.28	1570	340 ~ 2180	6.9	1.6 ~ 9.7	99
	2.0+2.0+3.5	1.33	1.33	2.32	—	4.98	1.42 ~ 6.43	1560	340 ~ 2250	6.9	1.6 ~ 10.0	99
	2.0+2.5+2.5	1.42	1.78	1.78	—	4.98	1.42 ~ 6.34	1570	340 ~ 2210	6.9	1.6 ~ 9.8	99
	2.0+2.5+3.5	1.25	1.56	2.19	—	5.00	1.49 ~ 6.43	1560	360 ~ 2250	6.9	1.7 ~ 10.0	99
	2.0+3.5+3.5	1.12	1.94	1.94	—	5.00	1.57 ~ 6.43	1560	370 ~ 2250	6.9	1.7 ~ 10.0	99
	2.5+2.5+2.5	1.66	1.66	1.66	—	4.98	1.42 ~ 6.39	1570	340 ~ 2250	6.9	1.6 ~ 10.0	99
	2.5+2.5+3.5	1.47	1.47	2.06	—	5.00	1.49 ~ 6.43	1560	360 ~ 2240	6.9	1.7 ~ 10.0	99
	2.5+3.5+3.5	1.32	1.84	1.84	—	5.00	1.57 ~ 6.46	1530	370 ~ 2230	6.7	1.7 ~ 9.9	99

3D049744#3

NOTES

1 Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).

2 The total ability of connected a indoor unit is up to 9.5 kW

3 The above is the value for connecting with the following indoor units.
2.0, 2.5, 3.5 kW class: wall mounted C series

4 Capacity tables

4 - 1 Combination table

Cooling [50Hz 230V]

Outdoor unit	Combination of indoor unit	Capacity of each indoor unit										
		Each capacity (kW)				Total capacity (kW)		Total input (W)		Total current (A)		Power factor %
		A Room	B Room	C Room	D Room	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating
3MKS50DVMB	20	2.00	—	—	—	2.00	1.11 ~ 2.97	500	290 ~ 770	2.3	1.4 ~ 3.5	96
	25	2.50	—	—	—	2.50	1.19 ~ 3.25	630	300 ~ 860	2.9	1.4 ~ 3.9	96
	35	3.50	—	—	—	3.50	1.20 ~ 4.54	970	300 ~ 1290	4.3	1.4 ~ 5.7	98
	20+20	2.00	2.00	—	—	4.00	1.22 ~ 5.01	1190	340 ~ 1510	5.3	1.6 ~ 6.7	99
	20+25	2.00	2.50	—	—	4.50	1.29 ~ 5.47	1400	350 ~ 1730	6.2	1.6 ~ 7.6	99
	20+35	1.82	3.18	—	—	5.00	1.35 ~ 6.20	1630	350 ~ 2080	7.2	1.6 ~ 9.2	98
	25+25	2.50	2.50	—	—	5.00	1.29 ~ 5.92	1630	350 ~ 1970	7.2	1.6 ~ 8.7	99
	25+35	2.08	2.92	—	—	5.00	1.34 ~ 6.27	1620	350 ~ 2140	7.1	1.6 ~ 9.5	98
	35+35	2.50	2.50	—	—	5.00	1.42 ~ 6.31	1610	370 ~ 2120	7.1	1.7 ~ 9.4	98
	20+20+20	1.66	1.66	1.66	—	4.98	1.35 ~ 6.23	1520	330 ~ 2080	6.7	1.6 ~ 9.2	99
	20+20+25	1.53	1.53	1.92	—	4.98	1.42 ~ 6.28	1520	340 ~ 2110	6.7	1.6 ~ 9.4	99
	20+20+35	1.33	1.33	2.32	—	4.98	1.42 ~ 6.43	1510	340 ~ 2180	6.7	1.6 ~ 9.7	99
	20+25+25	1.42	1.78	1.78	—	4.98	1.42 ~ 6.34	1520	340 ~ 2140	6.7	1.6 ~ 9.5	99
	20+25+35	1.25	1.56	2.19	—	5.00	1.49 ~ 6.43	1510	360 ~ 2180	6.7	1.7 ~ 9.7	99
	20+35+35	1.12	1.94	1.94	—	5.00	1.57 ~ 6.43	1510	370 ~ 2180	6.7	1.7 ~ 9.7	99
	25+25+25	1.66	1.66	1.66	—	4.98	1.42 ~ 6.39	1520	340 ~ 2180	6.7	1.6 ~ 9.7	99
	25+25+35	1.47	1.47	2.06	—	5.00	1.49 ~ 6.43	1510	360 ~ 2170	6.7	1.7 ~ 9.7	99
	25+35+35	1.32	1.84	1.84	—	5.00	1.57 ~ 6.46	1480	370 ~ 2160	6.5	1.7 ~ 9.6	99

3D049744#2

NOTES

1 Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).

2 The total ability of connected a indoor unit is up to 9.5 kW

3 The above is the value for connecting with the following indoor units.
2.0, 2.5, 3.5 kW class: wall mounted D series

4 Capacity tables

4 - 1 Combination table

Cooling [50Hz 230V]

Outdoor unit	Combination of indoor unit	Capacity of each indoor unit										
		Each capacity (kW)				Total capacity (kW)		Total input (W)		Total current (A)		Power factor %
		A Room	B Room	C Room	D Room	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating
4MKS58DVMB	2.0	2.00	—	—	—	2.00	1.11 ~ 3.04	570	350 ~ 810	2.6	1.6 ~ 3.6	96
	2.5	2.50	—	—	—	2.50	1.19 ~ 3.25	700	360 ~ 870	3.2	1.7 ~ 3.9	96
	3.5	3.50	—	—	—	3.50	1.20 ~ 4.55	990	360 ~ 1360	4.4	1.7 ~ 6.1	98
	5.0	—	—	5.00	—	5.00	1.30 ~ 5.82	1640	400 ~ 1950	7.2	1.8 ~ 8.6	99
	2.0+2.0	2.00	2.00	—	—	4.00	1.23 ~ 5.05	1230	380 ~ 1590	5.4	1.8 ~ 7.0	99
	2.0+2.5	2.00	2.50	—	—	4.50	1.27 ~ 5.52	1430	380 ~ 1810	6.3	1.8 ~ 8.0	99
	2.0+3.5	1.86	3.25	—	—	5.11	1.35 ~ 6.24	1690	400 ~ 2160	7.5	1.9 ~ 9.6	98
	2.0+5.0	1.56	—	3.90	—	5.46	1.46 ~ 6.40	1870	420 ~ 2240	8.3	2.0 ~ 10.0	98
	2.5+2.5	2.50	2.50	—	—	5.00	1.30 ~ 5.97	1640	390 ~ 2030	7.2	1.8 ~ 9.1	99
	2.5+3.5	2.18	3.05	—	—	5.23	1.35 ~ 6.35	1760	390 ~ 2230	7.8	1.8 ~ 9.9	98
	2.5+5.0	1.86	—	3.71	—	5.57	1.46 ~ 6.45	1940	420 ~ 2260	8.6	1.9 ~ 10.0	98
	3.5+3.5	2.73	2.73	—	—	5.46	1.43 ~ 6.40	1870	420 ~ 2230	8.3	1.9 ~ 9.9	98
	3.5+5.0	2.39	—	3.41	—	5.80	1.53 ~ 6.50	2040	440 ~ 2260	9.1	2.0 ~ 10.0	98
	5.0+5.0	—	—	2.90	2.90	5.80	1.65 ~ 6.60	2000	450 ~ 2290	8.8	2.1 ~ 10.1	99
	2.0+2.0+2.0	1.74	1.74	1.74	—	5.22	1.37 ~ 6.45	1740	400 ~ 2270	7.6	1.9 ~ 10.1	99
	2.0+2.0+2.5	1.64	1.64	2.05	—	5.33	1.38 ~ 6.45	1790	400 ~ 2270	7.9	1.9 ~ 10.1	99
	2.0+2.0+3.5	1.49	1.49	2.60	—	5.58	1.45 ~ 6.45	1910	420 ~ 2270	8.4	2.0 ~ 10.1	99
	2.0+2.0+5.0	1.29	1.29	3.22	—	5.80	1.57 ~ 6.60	1970	430 ~ 2290	8.7	2.0 ~ 10.2	99
	2.0+2.5+2.5	1.56	1.95	1.95	—	5.46	1.46 ~ 6.45	1850	420 ~ 2270	8.1	2.0 ~ 10.1	99
	2.0+2.5+3.5	1.42	1.78	2.49	—	5.69	1.53 ~ 6.50	1970	440 ~ 2270	8.7	2.1 ~ 10.1	99
	2.0+2.5+5.0	1.22	1.53	3.05	—	5.80	1.65 ~ 6.60	1970	450 ~ 2290	8.7	2.1 ~ 10.2	99
	2.0+3.5+3.5	1.28	2.26	2.26	—	5.80	1.61 ~ 6.55	2020	450 ~ 2270	8.9	2.1 ~ 10.1	99
	2.5+2.5+2.5	1.86	1.86	1.86	—	5.58	1.46 ~ 6.45	1910	420 ~ 2270	8.4	1.9 ~ 10.1	99
	2.5+2.5+3.5	1.71	1.71	2.38	—	5.80	1.53 ~ 6.50	2030	440 ~ 2270	8.9	2.0 ~ 10.1	99
	2.5+2.5+5.0	1.45	1.45	2.90	—	5.80	1.65 ~ 6.60	1980	450 ~ 2280	8.7	2.1 ~ 10.1	99
	2.5+3.5+3.5	1.52	2.14	2.14	—	5.80	1.61 ~ 6.55	2030	450 ~ 2270	8.9	2.1 ~ 10.1	99
	2.0+2.0+2.0+2.0	1.42	1.42	1.42	1.42	5.68	1.49 ~ 6.60	1910	420 ~ 2280	8.4	2.0 ~ 10.2	99
	2.0+2.0+2.0+2.5	1.36	1.36	1.36	1.72	5.80	1.57 ~ 6.60	1970	430 ~ 2280	8.7	2.0 ~ 10.2	99
	2.0+2.0+2.0+3.5	1.22	1.22	1.22	2.14	5.80	1.65 ~ 6.60	1970	450 ~ 2280	8.7	2.1 ~ 10.2	99
	2.0+2.0+2.5+2.5	1.29	1.29	1.61	1.61	5.80	1.65 ~ 6.60	1970	450 ~ 2280	8.7	2.1 ~ 10.2	99
	2.0+2.0+2.5+3.5	1.16	1.16	1.45	2.03	5.80	1.65 ~ 6.60	1970	450 ~ 2280	8.7	2.1 ~ 10.2	99
	2.0+2.5+2.5+2.5	1.21	1.53	1.53	1.53	5.80	1.65 ~ 6.60	1970	450 ~ 2280	8.7	2.1 ~ 10.2	99
	2.5+2.5+2.5+2.5	1.45	1.45	1.45	1.45	5.80	1.65 ~ 6.60	1970	450 ~ 2280	8.7	2.1 ~ 10.1	99

3D049745#3

NOTES

1 Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).

2 The total ability of connected a indoor unit is up to 10.0 kW

3 The above is the value for connecting with the following indoor units.
2.0, 2.5, 3.5 kW class: wall mounted C series
5.0 kW class: wall mounted B series

4 Capacity tables

4 - 1 Combination table

Cooling [50Hz 230V]

Outdoor unit	Combination of indoor unit	Capacity of each indoor unit										
		Each capacity (kW)				Total capacity (kW)		Total input (W)		Total current (A)		Power factor %
		A Room	B Room	C Room	D Room	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating
4MKS58DVMB	2.0	2.00	—	—	—	2.00	1.11 ~ 3.04	550	350 ~ 780	2.5	1.6 ~ 3.5	96
	2.5	2.50	—	—	—	2.50	1.19 ~ 3.25	670	360 ~ 840	3.0	1.6 ~ 3.8	96
	3.5	3.50	—	—	—	3.50	1.20 ~ 4.55	960	360 ~ 1320	4.3	1.6 ~ 5.9	98
	5.0	—	—	5.00	—	5.00	1.30 ~ 5.20	1870	400 ~ 1980	8.2	1.8 ~ 8.7	99
	2.0+2.0	2.00	2.00	—	—	4.00	1.23 ~ 5.05	1190	380 ~ 1540	5.2	1.7 ~ 6.8	99
	2.0+2.5	2.00	2.50	—	—	4.50	1.27 ~ 5.52	1380	380 ~ 1750	6.1	1.7 ~ 7.7	99
	2.0+3.5	1.86	3.25	—	—	5.11	1.35 ~ 6.24	1640	400 ~ 2090	7.3	1.8 ~ 9.3	98
	2.0+5.0	1.56	—	3.90	—	5.46	1.46 ~ 6.40	1950	420 ~ 2310	8.7	1.9 ~ 10.1	98
	2.5+2.5	2.50	2.50	—	—	5.00	1.30 ~ 5.97	1590	390 ~ 1970	7.0	1.7 ~ 8.7	99
	2.5+3.5	2.18	3.05	—	—	5.23	1.35 ~ 6.35	1700	390 ~ 2160	7.5	1.7 ~ 9.6	98
	2.5+5.0	1.86	—	3.71	—	5.57	1.46 ~ 6.45	2020	420 ~ 2340	9.0	1.9 ~ 10.3	98
	3.5+3.5	2.73	2.73	—	—	5.46	1.43 ~ 6.40	1810	420 ~ 2160	8.0	1.9 ~ 9.6	98
	3.5+5.0	2.39	—	3.41	—	5.80	1.53 ~ 6.50	2090	440 ~ 2350	9.3	2.0 ~ 10.3	98
	5.0+5.0	—	—	2.90	2.90	5.80	1.65 ~ 6.60	2060	450 ~ 2370	9.0	2.0 ~ 10.4	99
	2.0+2.0+2.0	1.74	1.74	1.74	—	5.22	1.37 ~ 6.45	1680	400 ~ 2200	7.4	1.8 ~ 9.7	99
	2.0+2.0+2.5	1.64	1.64	2.05	—	5.33	1.38 ~ 6.45	1730	400 ~ 2200	7.6	1.8 ~ 9.7	99
	2.0+2.0+3.5	1.49	1.49	2.60	—	5.58	1.45 ~ 6.45	1850	420 ~ 2200	8.1	1.8 ~ 9.7	99
	2.0+2.0+5.0	1.29	1.29	3.22	—	5.80	1.57 ~ 6.60	2020	430 ~ 2370	8.9	1.9 ~ 10.4	99
	2.0+2.5+2.5	1.56	1.95	1.95	—	5.46	1.46 ~ 6.45	1790	420 ~ 2200	7.9	1.8 ~ 9.7	99
	2.0+2.5+3.5	1.42	1.78	2.49	—	5.69	1.53 ~ 6.50	1910	440 ~ 2200	8.4	1.9 ~ 9.7	99
	2.0+2.5+5.0	1.22	1.53	3.05	—	5.80	1.65 ~ 6.60	2010	450 ~ 2370	8.8	2.0 ~ 10.4	99
	2.0+3.5+3.5	1.28	2.26	2.26	—	5.80	1.61 ~ 6.55	2020	450 ~ 2260	8.9	2.0 ~ 9.9	99
	2.5+2.5+2.5	1.86	1.86	1.86	—	5.58	1.46 ~ 6.45	1850	420 ~ 2200	8.1	1.8 ~ 9.7	99
	2.5+2.5+3.5	1.71	1.71	2.38	—	5.80	1.53 ~ 6.50	1970	440 ~ 2250	8.7	1.9 ~ 9.9	99
	2.5+2.5+5.0	1.45	1.45	2.90	—	5.80	1.65 ~ 6.60	2010	450 ~ 2350	8.8	2.0 ~ 10.3	99
	2.5+3.5+3.5	1.52	2.14	2.14	—	5.80	1.61 ~ 6.55	2020	450 ~ 2250	8.9	2.0 ~ 9.9	99
	2.0+2.0+2.0+2.0	1.42	1.42	1.42	1.42	5.68	1.49 ~ 6.60	1850	420 ~ 2210	8.1	1.8 ~ 9.7	99
	2.0+2.0+2.0+2.5	1.36	1.36	1.36	1.72	5.80	1.57 ~ 6.60	1940	430 ~ 2240	8.5	1.9 ~ 9.8	99
	2.0+2.0+2.0+3.5	1.22	1.22	1.22	2.14	5.80	1.65 ~ 6.60	1930	450 ~ 2230	8.5	2.0 ~ 9.8	99
	2.0+2.0+2.5+2.5	1.29	1.29	1.61	1.61	5.80	1.65 ~ 6.60	1930	450 ~ 2230	8.5	2.0 ~ 9.8	99
	2.0+2.0+2.5+3.5	1.16	1.16	1.45	2.03	5.80	1.65 ~ 6.60	1920	450 ~ 2220	8.4	2.0 ~ 9.7	99
	2.0+2.5+2.5+2.5	1.21	1.53	1.53	1.53	5.80	1.65 ~ 6.60	1920	450 ~ 2220	8.4	2.0 ~ 9.7	99
	2.5+2.5+2.5+2.5	1.45	1.45	1.45	1.45	5.80	1.65 ~ 6.60	1910	450 ~ 2210	8.4	2.0 ~ 9.7	99

3D049745#2

NOTES

1 Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).

2 The total ability of connected a indoor unit is up to 10.0 kW

3 The above is the value for connecting with the following indoor units.
2.0, 2.5, 3.5, 5.0 kW class: wall mounted D series

4 Capacity tables

4 - 1 Combination table

Cooling [50Hz 230V]

Outdoor unit	Combination of indoor unit	Capacity of each indoor unit										
		Each capacity (kW)				Total capacity (kW)		Total input (W)		Total current (A)		Power factor %
		A Room	B Room	C Room	D Room	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating
4MKS75DVMB	2.0	2.00	—	—	—	2.00	1.65 ~ 2.96	550	420 ~ 840	2.6	2.0 ~ 4.0	91
	2.5	2.50	—	—	—	2.50	1.65 ~ 3.40	700	420 ~ 970	3.3	2.0 ~ 4.6	91
	3.5	3.50	—	—	—	3.50	1.68 ~ 4.75	1070	420 ~ 1490	4.9	1.9 ~ 6.9	95
	5.0	—	—	5.00	—	5.00	1.82 ~ 5.91	1630	450 ~ 2050	7.2	2.0 ~ 9.1	98
	6.0	—	—	6.00	—	6.00	1.90 ~ 6.41	2110	440 ~ 2320	9.3	1.9 ~ 10.2	99
	7.1	—	—	—	7.10	7.10	2.01 ~ 7.15	2840	460 ~ 2860	12.5	2.0 ~ 12.6	99
	2.0+2.0	2.00	2.00	—	—	4.00	1.72 ~ 5.16	1280	370 ~ 1710	5.7	1.6 ~ 7.6	98
	2.0+2.5	2.00	2.50	—	—	4.50	1.82 ~ 5.64	1520	400 ~ 1970	6.7	1.8 ~ 8.7	99
	2.0+3.5	2.00	3.50	—	—	5.50	1.90 ~ 6.22	2080	430 ~ 2480	9.1	1.9 ~ 10.9	99
	2.0+5.0	1.93	—	4.82	—	6.75	2.14 ~ 7.15	2400	430 ~ 2600	10.5	1.9 ~ 11.5	99
	2.0+6.0	1.77	—	5.28	—	7.05	2.15 ~ 7.43	2570	430 ~ 2710	11.3	1.9 ~ 12.0	99
	2.0+7.1	1.62	—	—	5.76	7.38	2.27 ~ 7.86	2760	450 ~ 3060	12.1	2.0 ~ 13.4	99
	2.5+2.5	2.50	2.50	—	—	5.00	1.82 ~ 6.09	1770	400 ~ 2160	7.9	1.8 ~ 9.6	98
	2.5+3.5	2.50	3.50	—	—	6.00	1.90 ~ 6.42	2440	430 ~ 2620	10.7	1.9 ~ 11.6	99
	2.5+5.0	2.30	—	4.60	—	6.90	2.05 ~ 7.28	2500	410 ~ 2690	11.0	1.8 ~ 11.9	99
	2.5+6.0	2.12	—	5.08	—	7.20	2.15 ~ 7.62	2670	420 ~ 2880	11.7	1.8 ~ 12.7	99
	2.5+7.1	1.95	—	—	5.55	7.50	2.27 ~ 7.98	2860	450 ~ 3180	12.6	2.0 ~ 13.9	99
	3.5+3.5	3.50	3.50	—	—	7.00	2.02 ~ 7.14	3090	460 ~ 3240	13.6	2.0 ~ 14.2	99
	3.5+5.0	2.96	—	4.24	—	7.20	2.15 ~ 7.63	2740	440 ~ 2950	12.0	1.8 ~ 12.9	99
	3.5+6.0	2.76	—	4.74	—	7.50	2.26 ~ 7.93	2920	460 ~ 3130	12.8	2.1 ~ 13.7	99
	3.5+7.1	2.48	—	—	5.02	7.50	2.39 ~ 8.23	2870	490 ~ 3390	12.6	2.2 ~ 14.7	99
	5.0+5.0	—	—	3.75	3.75	7.50	2.32 ~ 8.08	2680	460 ~ 3040	11.8	2.0 ~ 13.4	99
	5.0+6.0	—	—	3.41	4.09	7.50	2.45 ~ 8.31	2660	480 ~ 3190	11.7	2.1 ~ 14.0	99
	5.0+7.1	—	—	3.10	4.40	7.50	2.58 ~ 8.47	2610	510 ~ 3280	11.5	2.2 ~ 14.4	99
	6.0+6.0	—	—	3.75	3.75	7.50	2.57 ~ 8.47	2520	510 ~ 3170	11.1	2.2 ~ 13.9	99
	6.0+7.1	—	—	3.44	4.06	7.50	2.72 ~ 8.57	2510	540 ~ 3220	11.0	2.4 ~ 14.1	99
	2.0+2.0+2.0	2.00	2.00	2.00	—	6.00	1.94 ~ 6.71	1770	370 ~ 2180	7.8	1.6 ~ 9.6	99
	2.0+2.0+2.5	2.03	2.03	2.54	—	6.60	1.98 ~ 7.02	2110	380 ~ 2360	9.3	1.7 ~ 10.4	99
	2.0+2.0+3.5	1.84	1.84	3.22	—	6.90	2.04 ~ 7.45	2290	400 ~ 2660	10.1	1.8 ~ 11.7	99
	2.0+2.0+5.0	1.63	1.63	4.09	—	7.35	2.20 ~ 7.99	2370	430 ~ 2800	10.4	1.9 ~ 12.3	99
	2.0+2.0+6.0	1.50	1.50	4.50	—	7.50	2.33 ~ 8.35	2440	460 ~ 3030	10.7	2.0 ~ 13.3	99
	2.0+2.0+7.1	1.35	1.35	—	4.80	7.50	2.46 ~ 8.65	2420	480 ~ 3240	10.6	2.1 ~ 14.2	99
	2.0+2.5+2.5	1.93	2.41	2.41	—	6.75	2.05 ~ 7.24	2200	400 ~ 2520	9.7	1.8 ~ 11.1	99
	2.0+2.5+3.5	1.76	2.22	3.07	—	7.05	2.15 ~ 7.65	2380	430 ~ 2820	10.5	1.9 ~ 12.4	99
	2.0+2.5+5.0	1.58	1.97	3.95	—	7.50	2.32 ~ 8.20	2470	460 ~ 2960	10.8	2.0 ~ 13.0	99
	2.0+2.5+6.0	1.43	1.79	4.28	—	7.50	2.33 ~ 8.55	2440	460 ~ 3200	10.7	2.0 ~ 14.0	99
	2.0+2.5+7.1	1.29	1.62	—	4.59	7.50	2.46 ~ 8.72	2420	480 ~ 3300	10.6	2.1 ~ 14.5	99
	2.0+3.5+3.5	1.63	2.86	2.86	—	7.35	2.15 ~ 8.02	2580	430 ~ 3070	11.3	1.9 ~ 13.5	99
	2.0+3.5+5.0	1.43	2.50	3.57	—	7.50	2.33 ~ 8.55	2470	460 ~ 3230	10.8	2.0 ~ 14.1	99
	2.0+3.5+6.0	1.30	2.29	3.91	—	7.50	2.45 ~ 8.70	2450	490 ~ 3310	10.8	2.2 ~ 14.5	99
	2.0+3.5+7.1	1.19	2.08	—	4.23	7.50	2.60 ~ 8.92	2440	520 ~ 3470	10.7	2.3 ~ 15.3	99

3D049746#5

NOTES

1 Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).

2 The total ability of connected a indoor unit is up to 13.5 kW

3 The above is the value for connecting with the following indoor units.
2.0, 2.5, 3.5 kW class: wall mounted C series
5.0, 6.0, 7.1 kW class: wall mounted B series

4 Capacity tables

4 - 1 Combination table

Cooling [50Hz 230V]

Outdoor unit	Combination of indoor unit	Capacity of each indoor unit										
		Each capacity (kW)				Total capacity (kW)		Total input (W)		Total current (A)		Power factor %
		A Room	B Room	C Room	D Room	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating
4MKS75DVMB	2.0+5.0+5.0	1.24	---	3.13	3.13	7.50	2.63 ~ 8.83	2310	510 ~ 3170	10.1	2.2 ~ 13.9	99
	2.0+5.0+6.0	1.15	---	2.89	3.46	7.50	2.78 ~ 8.96	2290	570 ~ 3250	10.1	2.5 ~ 14.2	99
	2.5+2.5+2.5	2.30	2.30	2.30	---	6.90	2.05 ~ 7.45	2290	390 ~ 2660	10.1	1.7 ~ 11.7	99
	2.5+2.5+3.5	2.12	2.12	2.96	---	7.20	2.15 ~ 7.85	2490	430 ~ 2970	10.9	1.9 ~ 12.9	99
	2.5+2.5+5.0	1.88	1.88	3.74	---	7.50	2.32 ~ 8.34	2470	460 ~ 3060	10.8	2.0 ~ 13.4	99
	2.5+2.5+6.0	1.70	1.70	4.10	---	7.50	2.45 ~ 8.61	2450	490 ~ 3250	10.8	2.2 ~ 14.3	99
	2.5+2.5+7.1	1.55	1.55	---	4.40	7.50	2.58 ~ 8.84	2440	520 ~ 3410	10.7	2.3 ~ 14.9	99
	2.5+3.5+3.5	1.98	2.76	2.76	---	7.50	2.26 ~ 8.20	2720	460 ~ 3230	11.9	2.0 ~ 14.1	99
	2.5+3.5+5.0	1.70	2.39	3.41	---	7.50	2.45 ~ 8.61	2470	490 ~ 3280	10.8	2.2 ~ 14.4	99
	2.5+3.5+6.0	1.56	2.19	3.75	---	7.50	2.57 ~ 8.82	2450	520 ~ 3420	10.8	2.3 ~ 15.0	99
	2.5+3.5+7.1	1.43	2.00	---	4.07	7.50	2.72 ~ 8.98	2440	540 ~ 3530	10.7	2.4 ~ 15.5	99
	2.5+5.0+5.0	1.50	---	3.00	3.00	7.50	2.63 ~ 8.90	2310	500 ~ 3220	10.1	2.2 ~ 14.1	99
	2.5+5.0+6.0	1.39	---	2.78	3.33	7.50	2.78 ~ 9.03	2290	570 ~ 3300	10.1	2.5 ~ 14.5	99
	3.5+3.5+3.5	2.50	2.50	2.50	---	7.50	2.38 ~ 8.49	2720	480 ~ 3390	11.9	2.2 ~ 14.8	99
	3.5+3.5+5.0	2.19	2.19	3.12	---	7.50	2.57 ~ 8.82	2470	520 ~ 3450	10.8	2.3 ~ 15.2	99
	3.5+3.5+6.0	2.02	2.02	3.46	---	7.50	2.71 ~ 8.97	2450	540 ~ 3540	10.8	2.4 ~ 15.6	99
	3.5+5.0+5.0	1.94	---	2.78	2.78	7.50	2.78 ~ 9.03	2310	570 ~ 3330	10.1	2.5 ~ 14.6	99
	2.0+2.0+2.0+2.0	1.76	1.76	1.76	1.76	7.04	2.07 ~ 7.81	2110	380 ~ 2560	9.3	1.7 ~ 11.3	99
	2.0+2.0+2.0+2.5	1.69	1.69	1.69	2.13	7.20	2.19 ~ 8.04	2190	410 ~ 2710	9.6	1.8 ~ 12.0	99
	2.0+2.0+2.0+3.5	1.58	1.58	1.58	2.76	7.50	2.33 ~ 8.27	2380	440 ~ 2870	10.5	1.9 ~ 12.6	99
	2.0+2.0+2.0+5.0	1.36	1.36	1.36	3.42	7.50	2.50 ~ 8.77	2250	500 ~ 2970	9.9	2.2 ~ 13.0	99
	2.0+2.0+2.0+6.0	1.25	1.25	1.25	3.75	7.50	2.65 ~ 9.06	2220	530 ~ 3170	9.7	2.3 ~ 13.9	99
	2.0+2.0+2.0+7.1	1.15	1.15	1.15	4.05	7.50	2.79 ~ 9.23	2170	560 ~ 3270	9.5	2.5 ~ 14.3	99
	2.0+2.0+2.5+2.5	1.63	1.63	2.04	2.04	7.34	2.19 ~ 8.12	2290	410 ~ 2770	10.1	1.8 ~ 12.2	99
	2.0+2.0+2.5+3.5	1.50	1.50	1.88	2.62	7.50	2.33 ~ 8.42	2380	440 ~ 2970	10.5	1.9 ~ 13.0	99
	2.0+2.0+2.5+5.0	1.30	1.30	1.64	3.26	7.50	2.50 ~ 8.85	2250	500 ~ 3020	9.9	2.2 ~ 13.3	99
	2.0+2.0+2.5+6.0	1.20	1.20	1.50	3.60	7.50	2.65 ~ 9.13	2220	530 ~ 3220	9.7	2.3 ~ 14.1	99
	2.0+2.0+3.5+3.5	1.36	1.36	2.39	2.39	7.50	2.45 ~ 8.75	2380	470 ~ 3240	10.5	2.1 ~ 14.2	99
	2.0+2.0+3.5+5.0	1.20	1.20	2.10	3.00	7.50	2.65 ~ 9.14	2230	530 ~ 3240	9.8	2.3 ~ 14.2	99
	2.0+2.0+3.5+6.0	1.11	1.11	1.95	3.33	7.50	2.78 ~ 9.27	2220	560 ~ 3330	9.7	2.5 ~ 14.6	99
	2.0+2.5+2.5+2.5	1.59	1.97	1.97	1.97	7.50	2.32 ~ 8.27	2390	440 ~ 2870	10.5	1.9 ~ 12.6	99
	2.0+2.5+2.5+3.5	1.43	1.79	1.79	2.49	7.50	2.45 ~ 8.56	2380	470 ~ 3080	10.5	2.1 ~ 13.5	99
	2.0+2.5+2.5+5.0	1.25	1.56	1.56	3.13	7.50	2.63 ~ 9.00	2230	530 ~ 3130	9.8	2.3 ~ 13.7	99
	2.0+2.5+2.5+6.0	1.15	1.44	1.44	3.47	7.50	2.78 ~ 9.27	2220	560 ~ 3330	9.7	2.5 ~ 14.6	99
	2.0+2.5+3.5+3.5	1.30	1.64	2.28	2.28	7.50	2.45 ~ 8.88	2380	470 ~ 3350	10.5	2.1 ~ 14.7	99
	2.0+2.5+3.5+5.0	1.15	1.44	2.03	2.88	7.50	2.78 ~ 9.28	2230	560 ~ 3350	9.8	2.5 ~ 14.7	99
	2.0+3.5+3.5+3.5	1.20	2.10	2.10	2.10	7.50	2.59 ~ 9.18	2380	500 ~ 3580	10.5	2.2 ~ 15.7	99
	2.5+2.5+2.5+2.5	1.87	1.87	1.87	1.87	7.48	2.32 ~ 8.41	2330	440 ~ 2970	10.2	1.9 ~ 13.0	99
	2.5+2.5+2.5+3.5	1.70	1.70	1.70	2.40	7.50	2.45 ~ 8.76	2380	470 ~ 3240	10.5	2.1 ~ 14.2	99
	2.5+2.5+2.5+5.0	1.50	1.50	1.50	3.00	7.50	2.63 ~ 9.14	2230	530 ~ 3240	9.8	2.3 ~ 14.2	99
	2.5+2.5+2.5+6.0	1.39	1.39	1.39	3.33	7.50	2.78 ~ 9.27	2220	550 ~ 3330	9.7	2.4 ~ 14.6	99

3D049746#6

NOTES

1 Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).

2 The total ability of connected a indoor unit is up to 13.5 kW

3 The above is the value for connecting with the following indoor units.
2.0, 2.5, 3.5 kW class: wall mounted C series
5.0, 6.0, 7.1 kW class: wall mounted B series

4 Capacity tables

4 - 1 Combination table

Cooling [50Hz 230V]

Outdoor unit	Combination of indoor unit	Capacity of each indoor unit										
		Each capacity (kW)				Total capacity (kW)		Total input (W)		Total current (A)		Power factor %
		A Room	B Room	C Room	D Room	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating
4MKS75DVMB	2.5+2.5+3.5+3.5	1.56	1.56	2.19	2.19	7.50	2.57 ~ 9.01	2360	490 ~ 3430	10.4	2.2 ~ 15.0	99
	2.5+2.5+3.5+5.0	1.39	1.39	1.94	2.78	7.50	2.78 ~ 9.28	2230	560 ~ 3340	9.8	2.5 ~ 14.6	99
	2.5+3.5+3.5+3.5	1.44	2.02	2.02	2.02	7.50	2.71 ~ 9.24	2380	530 ~ 3630	10.5	2.3 ~ 16.1	99

3D049746#7

NOTES

1 Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).

2 The total ability of connected a indoor unit is up to 13.5 kW

3 The above is the value for connecting with the following indoor units.
2.0, 2.5, 3.5 kW class: wall mounted C series
5.0, 6.0, 7.1 kW class: wall mounted B series

4 Capacity tables

4 - 1 Combination table

Cooling [50Hz 230V]

Outdoor unit	Combination of indoor unit	Capacity of each indoor unit										
		Each capacity (kW)				Total capacity (kW)		Total input (W)		Total current (A)		Power factor %
		A Room	B Room	C Room	D Room	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating
4MKS75DVMB	2.0	2.00	—	—	—	2.00	1.65 ~ 2.96	530	420 ~ 810	2.5	2.0 ~ 3.9	91
	2.5	2.50	—	—	—	2.50	1.65 ~ 3.40	670	420 ~ 940	3.2	2.0 ~ 4.5	91
	3.5	3.50	—	—	—	3.50	1.68 ~ 4.75	1030	420 ~ 1440	4.7	1.9 ~ 6.6	95
	5.0	—	—	5.00	—	5.00	1.82 ~ 5.20	1860	450 ~ 2060	8.3	2.0 ~ 9.1	98
	6.0	—	—	6.00	—	6.00	1.90 ~ 6.41	2110	440 ~ 2320	9.3	1.9 ~ 10.2	99
	7.1	—	—	—	7.10	7.10	2.01 ~ 7.15	2840	460 ~ 2860	12.5	2.0 ~ 12.6	99
	2.0+2.0	2.00	2.00	—	—	4.00	1.72 ~ 5.16	1240	370 ~ 1660	5.5	1.6 ~ 7.4	98
	2.0+2.5	2.00	2.50	—	—	4.50	1.82 ~ 5.64	1470	400 ~ 1910	6.5	1.8 ~ 8.4	99
	2.0+3.5	2.00	3.50	—	—	5.50	1.90 ~ 6.22	2010	430 ~ 2400	8.8	1.9 ~ 10.5	99
	2.0+5.0	1.93	—	4.82	—	6.75	2.14 ~ 7.15	2590	430 ~ 2790	11.4	1.9 ~ 12.3	99
	2.0+6.0	1.77	—	5.28	—	7.05	2.15 ~ 7.43	2490	430 ~ 2630	10.9	1.9 ~ 11.6	99
	2.0+7.1	1.62	—	—	5.76	7.38	2.27 ~ 7.86	2670	450 ~ 2970	11.7	2.0 ~ 13.0	99
	2.5+2.5	2.50	2.50	—	—	5.00	1.82 ~ 6.09	1710	400 ~ 2090	7.6	1.8 ~ 9.3	98
	2.5+3.5	2.50	3.50	—	—	6.00	1.90 ~ 6.42	2360	430 ~ 2540	10.4	1.9 ~ 11.2	99
	2.5+5.0	2.30	—	4.60	—	6.90	2.05 ~ 7.28	2680	410 ~ 2900	11.8	1.8 ~ 12.7	99
	2.5+6.0	2.12	—	5.08	—	7.20	2.15 ~ 7.62	2590	420 ~ 2790	11.4	1.8 ~ 12.3	99
	2.5+7.1	1.95	—	—	5.55	7.50	2.27 ~ 7.98	2830	450 ~ 3080	12.4	2.0 ~ 13.5	99
	3.5+3.5	3.50	3.50	—	—	7.00	2.02 ~ 7.14	2850	460 ~ 3230	12.5	2.0 ~ 14.2	99
	3.5+5.0	2.96	—	4.24	—	7.20	2.15 ~ 7.63	2970	440 ~ 3180	13.0	1.9 ~ 14.0	99
	3.5+6.0	2.76	—	4.74	—	7.50	2.26 ~ 7.93	2910	460 ~ 3120	12.8	2.0 ~ 13.7	99
	3.5+7.1	2.48	—	—	5.02	7.50	2.39 ~ 8.23	2800	490 ~ 3290	12.3	2.2 ~ 14.4	99
	5.0+5.0	—	—	3.75	3.75	7.50	2.32 ~ 8.08	3030	460 ~ 3270	13.3	2.0 ~ 14.4	99
	5.0+6.0	—	—	3.41	4.09	7.50	2.45 ~ 8.31	2860	480 ~ 3430	12.6	2.1 ~ 15.1	99
	5.0+7.1	—	—	3.10	4.40	7.50	2.58 ~ 8.47	2750	510 ~ 3540	12.1	2.2 ~ 15.5	99
	6.0+6.0	—	—	3.75	3.75	7.50	2.57 ~ 8.47	2520	510 ~ 3150	11.1	2.2 ~ 13.8	99
	6.0+7.1	—	—	3.44	4.06	7.50	2.72 ~ 8.57	2510	540 ~ 3180	11.0	2.4 ~ 14.0	99
	2.0+2.0+2.0	2.00	2.00	2.00	—	6.00	1.94 ~ 6.71	1710	370 ~ 2080	7.5	1.6 ~ 9.1	99
	2.0+2.0+2.5	2.03	2.03	2.54	—	6.60	1.98 ~ 7.02	2040	380 ~ 2290	9.0	1.7 ~ 10.1	99
	2.0+2.0+3.5	1.84	1.84	3.22	—	6.90	2.04 ~ 7.45	2220	400 ~ 2580	9.7	1.8 ~ 11.3	99
	2.0+2.0+5.0	1.63	1.63	4.09	—	7.35	2.20 ~ 7.99	2550	430 ~ 3000	11.2	1.9 ~ 13.2	99
	2.0+2.0+6.0	1.50	1.50	4.50	—	7.50	2.33 ~ 8.35	2370	460 ~ 2890	10.4	2.0 ~ 12.7	99
	2.0+2.0+7.1	1.35	1.35	—	4.80	7.50	2.46 ~ 8.65	2360	480 ~ 3100	10.4	2.1 ~ 13.6	99
	2.0+2.5+2.5	1.93	2.41	2.41	—	6.75	2.05 ~ 7.24	2130	400 ~ 2440	9.4	1.8 ~ 10.7	99
	2.0+2.5+3.5	1.76	2.22	3.07	—	7.05	2.15 ~ 7.65	2310	430 ~ 2730	10.1	1.9 ~ 12.0	99
	2.0+2.5+5.0	1.58	1.97	3.95	—	7.50	2.32 ~ 8.20	2690	460 ~ 3190	11.8	2.0 ~ 14.0	99
	2.0+2.5+6.0	1.43	1.79	4.28	—	7.50	2.33 ~ 8.55	2360	460 ~ 2970	10.4	2.0 ~ 13.0	99
	2.0+2.5+7.1	1.29	1.62	—	4.59	7.50	2.46 ~ 8.72	2350	480 ~ 3080	10.3	2.1 ~ 13.5	99
	2.0+3.5+3.5	1.63	2.86	2.86	—	7.35	2.15 ~ 8.02	2500	430 ~ 2980	11.0	1.9 ~ 13.1	99
	2.0+3.5+5.0	1.43	2.50	3.57	—	7.50	2.33 ~ 8.55	2640	460 ~ 3370	11.6	2.0 ~ 14.8	99
	2.0+3.5+6.0	1.30	2.29	3.91	—	7.50	2.45 ~ 8.70	2350	490 ~ 3100	10.3	2.2 ~ 13.6	99
	2.0+3.5+7.1	1.19	2.08	—	4.23	7.50	2.60 ~ 8.92	2330	520 ~ 3240	10.2	2.3 ~ 14.2	99

3D049746#2

NOTES

1 Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).

2 The total ability of connected a indoor unit is up to 13.5 kW

3 The above is the value for connecting with the following indoor units.
2.0, 2.5, 3.5, 5.0 kW class: wall mounted D series
6.0, 7.1 kW class: wall mounted B series

4 Capacity tables

4 - 1 Combination table

Cooling [50Hz 230V]

Outdoor unit	Combination of indoor unit	Capacity of each indoor unit										
		Each capacity (kW)				Total capacity (kW)		Total input (W)		Total current (A)		Power factor %
		A Room	B Room	C Room	D Room	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating
4MKS75DVMB	2.0+5.0+5.0	1.24	—	3.13	3.13	7.50	2.63 ~ 8.83	2500	510 ~ 3230	11.0	2.2 ~ 14.2	99
	2.0+5.0+6.0	1.15	—	2.89	3.46	7.50	2.78 ~ 8.96	2340	570 ~ 3270	10.3	2.5 ~ 14.4	99
	2.5+2.5+2.5	2.30	2.30	2.30	—	6.90	2.05 ~ 7.45	2220	390 ~ 2580	9.7	1.7 ~ 11.3	99
	2.5+2.5+3.5	2.12	2.12	2.96	—	7.20	2.15 ~ 7.85	2410	430 ~ 2880	10.6	1.9 ~ 12.6	99
	2.5+2.5+5.0	1.88	1.88	3.74	—	7.50	2.32 ~ 8.34	2630	460 ~ 3280	11.6	2.0 ~ 14.4	99
	2.5+2.5+6.0	1.70	1.70	4.10	—	7.50	2.45 ~ 8.61	2340	490 ~ 3070	10.3	2.2 ~ 13.5	99
	2.5+2.5+7.1	1.55	1.55	—	4.40	7.50	2.58 ~ 8.84	2320	520 ~ 3170	10.2	2.3 ~ 13.9	99
	2.5+3.5+3.5	1.98	2.76	2.76	—	7.50	2.26 ~ 8.20	2640	460 ~ 3130	11.6	2.0 ~ 13.7	99
	2.5+3.5+5.0	1.70	2.39	3.41	—	7.50	2.45 ~ 8.61	2610	490 ~ 3390	11.5	2.2 ~ 14.9	99
	2.5+3.5+6.0	1.56	2.19	3.75	—	7.50	2.57 ~ 8.82	2320	520 ~ 3100	10.2	2.3 ~ 13.6	99
	2.5+3.5+7.1	1.43	2.00	—	4.07	7.50	2.72 ~ 8.98	2300	540 ~ 3230	10.1	2.4 ~ 14.2	99
	2.5+5.0+5.0	1.50	—	3.00	3.00	7.50	2.63 ~ 8.90	2480	500 ~ 3420	10.9	2.2 ~ 15.0	99
	2.5+5.0+6.0	1.39	—	2.78	3.33	7.50	2.78 ~ 9.03	2310	570 ~ 3370	10.1	2.5 ~ 14.8	99
	3.5+3.5+3.5	2.50	2.50	2.50	—	7.50	2.38 ~ 8.49	2630	480 ~ 3290	11.6	2.1 ~ 14.4	99
	3.5+3.5+5.0	2.19	2.19	3.12	—	7.50	2.57 ~ 8.82	2590	520 ~ 3470	11.4	2.3 ~ 15.2	99
	3.5+3.5+6.0	2.02	2.02	3.46	—	7.50	2.71 ~ 8.97	2300	540 ~ 3120	10.1	2.4 ~ 13.7	99
	3.5+5.0+5.0	1.94	—	2.78	2.78	7.50	2.78 ~ 9.03	2450	570 ~ 3390	10.8	2.5 ~ 14.9	99
	2.0+2.0+2.0+2.0	1.76	1.76	1.76	1.76	7.04	2.07 ~ 7.81	2040	380 ~ 2480	9.0	1.7 ~ 10.9	99
	2.0+2.0+2.0+2.5	1.69	1.69	1.69	2.13	7.20	2.19 ~ 8.04	2120	410 ~ 2600	9.3	1.8 ~ 11.4	99
	2.0+2.0+2.0+3.5	1.58	1.58	1.58	2.76	7.50	2.33 ~ 8.27	2330	440 ~ 2780	10.2	1.9 ~ 12.2	99
	2.0+2.0+2.0+5.0	1.36	1.36	1.36	3.42	7.50	2.50 ~ 8.77	2300	500 ~ 3100	10.1	2.2 ~ 13.6	99
	2.0+2.0+2.0+6.0	1.25	1.25	1.25	3.75	7.50	2.65 ~ 9.06	2170	530 ~ 2980	9.5	2.3 ~ 13.1	99
	2.0+2.0+2.0+7.1	1.15	1.15	1.15	4.05	7.50	2.79 ~ 9.23	2100	560 ~ 3100	9.2	2.5 ~ 13.6	99
	2.0+2.0+2.5+2.5	1.63	1.63	2.04	2.04	7.34	2.19 ~ 8.12	2220	410 ~ 2680	9.7	1.8 ~ 11.8	99
	2.0+2.0+2.5+3.5	1.50	1.50	1.88	2.62	7.50	2.33 ~ 8.42	2310	440 ~ 2850	10.1	1.9 ~ 12.5	99
	2.0+2.0+2.5+5.0	1.30	1.30	1.64	3.26	7.50	2.50 ~ 8.85	2290	500 ~ 3140	10.1	2.2 ~ 13.8	99
	2.0+2.0+2.5+6.0	1.20	1.20	1.50	3.60	7.50	2.65 ~ 9.13	2170	530 ~ 3010	9.5	2.3 ~ 13.2	99
	2.0+2.0+3.5+3.5	1.36	1.36	2.39	2.39	7.50	2.45 ~ 8.75	2300	470 ~ 3050	10.1	2.1 ~ 13.4	99
	2.0+2.0+3.5+5.0	1.20	1.20	2.10	3.00	7.50	2.65 ~ 9.14	2280	530 ~ 3300	10.0	2.3 ~ 14.5	99
	2.0+2.0+3.5+6.0	1.11	1.11	1.95	3.33	7.50	2.78 ~ 9.27	2160	560 ~ 3200	9.5	2.5 ~ 14.1	99
	2.0+2.5+2.5+2.5	1.59	1.97	1.97	1.97	7.50	2.32 ~ 8.27	2320	440 ~ 2780	10.2	1.9 ~ 12.2	99
	2.0+2.5+2.5+3.5	1.43	1.79	1.79	2.49	7.50	2.45 ~ 8.56	2300	470 ~ 2900	10.1	2.1 ~ 12.7	99
	2.0+2.5+2.5+5.0	1.25	1.56	1.56	3.13	7.50	2.63 ~ 9.00	2260	530 ~ 3200	9.9	2.3 ~ 14.1	99
	2.0+2.5+2.5+6.0	1.15	1.44	1.44	3.47	7.50	2.78 ~ 9.27	2150	560 ~ 3180	9.4	2.5 ~ 14.0	99
	2.0+2.5+3.5+3.5	1.30	1.64	2.28	2.28	7.50	2.45 ~ 8.88	2290	470 ~ 3160	10.1	2.1 ~ 13.9	99
	2.0+2.5+3.5+5.0	1.15	1.44	2.03	2.88	7.50	2.78 ~ 9.28	2270	560 ~ 3380	10.0	2.5 ~ 14.8	99
	2.0+3.5+3.5+3.5	1.20	2.10	2.10	2.10	7.50	2.59 ~ 9.18	2290	500 ~ 3400	10.1	2.2 ~ 14.9	99
	2.5+2.5+2.5+2.5	1.87	1.87	1.87	1.87	7.48	2.32 ~ 8.41	2300	440 ~ 2810	10.1	1.9 ~ 12.3	99
	2.5+2.5+2.5+3.5	1.70	1.70	1.70	2.40	7.50	2.45 ~ 8.76	2300	470 ~ 3030	10.1	2.1 ~ 13.3	99
	2.5+2.5+2.5+5.0	1.50	1.50	1.50	3.00	7.50	2.63 ~ 9.14	2250	530 ~ 3270	9.9	2.3 ~ 14.4	99
	2.5+2.5+2.5+6.0	1.39	1.39	1.39	3.33	7.50	2.78 ~ 9.27	2150	550 ~ 3150	9.4	2.4 ~ 13.8	99

3D049746#3

NOTES

1 Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).

2 The total ability of connected a indoor unit is up to 13.5 kW

3 The above is the value for connecting with the following indoor units.
2.0, 2.5, 3.5, 5.0 kW class: wall mounted D series
6.0, 7.1 kW class: wall mounted B series

4 Capacity tables

4 - 1 Combination table

Cooling [50Hz 230V]

Outdoor unit	Combination of indoor unit	Capacity of each indoor unit										
		Each capacity (kW)				Total capacity (kW)		Total input (W)		Total current (A)		Power factor %
		A Room	B Room	C Room	D Room	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating
4MKS75DVMB	2.5+2.5+3.5+3.5	1.56	1.56	2.19	2.19	7.50	2.57 ~ 9.01	2280	490 ~ 3180	10.0	2.2 ~ 14.0	99
	2.5+2.5+3.5+5.0	1.39	1.39	1.94	2.78	7.50	2.78 ~ 9.28	2400	560 ~ 3370	10.5	2.5 ~ 14.8	99
	2.5+3.5+3.5+3.5	1.44	2.02	2.02	2.02	7.50	2.71 ~ 9.24	2270	530 ~ 3410	10.0	2.3 ~ 15.0	99

3D049746#4

NOTES

1 Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).

2 The total ability of connected a indoor unit is up to 13.5 kW

3 The above is the value for connecting with the following indoor units.
2.0, 2.5, 3.5, 5.0 kW class: wall mounted D series
6.0, 7.1 kW class: wall mounted B series

4 Capacity tables

4 - 1 Combination table

Cooling [50Hz 230V]

Outdoor unit	Combination of indoor unit	Capacity of each indoor unit										
		Each capacity (kW)				Total capacity (kW)		Total input (W)		Total current (A)		Power factor %
		A Room	B Room	C Room	D Room	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating
4MKS90DVMB	2.0	2.00	—	—	—	2.00	1.60 ~ 2.58	580	430 ~ 740	3.0	2.2 ~ 3.9	84
	2.5	2.50	—	—	—	2.50	1.66 ~ 3.50	740	460 ~ 1030	3.8	2.4 ~ 5.4	84
	3.5	3.50	—	—	—	3.50	1.70 ~ 4.90	1110	480 ~ 1580	5.2	2.3 ~ 7.4	92
	5.0	—	5.00	—	—	5.00	1.84 ~ 6.09	1490	430 ~ 1850	6.6	1.9 ~ 8.2	98
	6.0	—	6.00	—	—	6.00	1.92 ~ 6.74	1930	420 ~ 2190	8.6	1.9 ~ 9.7	98
	7.1	—	—	7.10	—	7.10	2.03 ~ 7.35	2650	450 ~ 2760	11.6	2.1 ~ 12.1	99
	2.0+2.0	2.00	2.00	—	—	4.00	1.84 ~ 5.32	1100	440 ~ 1530	4.9	2.0 ~ 6.8	98
	2.0+2.5	2.00	2.50	—	—	4.50	1.84 ~ 5.71	1290	440 ~ 1710	5.7	2.0 ~ 7.6	98
	2.0+3.5	2.00	3.50	—	—	5.50	1.92 ~ 6.54	1740	440 ~ 2200	7.7	2.0 ~ 9.7	98
	2.0+5.0	2.00	5.00	—	—	7.00	2.07 ~ 7.25	2370	480 ~ 2490	10.4	2.1 ~ 11.0	99
	2.0+6.0	1.84	5.52	—	—	7.36	2.17 ~ 7.75	2570	500 ~ 2740	11.3	2.2 ~ 12.1	99
	2.0+7.1	1.69	—	5.98	—	7.67	2.29 ~ 8.00	2740	500 ~ 2880	12.0	2.2 ~ 12.7	99
	2.5+2.5	2.50	2.50	—	—	5.00	1.84 ~ 6.28	1510	440 ~ 2010	6.7	2.0 ~ 9.0	98
	2.5+3.5	2.50	3.50	—	—	6.00	1.92 ~ 6.80	2040	440 ~ 2360	9.1	2.0 ~ 10.5	98
	2.5+5.0	2.40	4.81	—	—	7.21	2.07 ~ 7.51	2500	480 ~ 2670	11.0	2.1 ~ 11.8	99
	2.5+6.0	2.21	5.29	—	—	7.50	2.17 ~ 7.86	2660	500 ~ 2840	11.7	2.2 ~ 12.5	99
	2.5+7.1	2.03	—	5.78	—	7.81	2.29 ~ 8.23	2890	510 ~ 3070	12.7	2.1 ~ 13.5	99
	3.5+3.5	3.50	3.50	—	—	7.00	2.02 ~ 7.27	2680	440 ~ 2810	11.8	1.9 ~ 12.3	99
	3.5+5.0	3.09	4.41	—	—	7.50	2.17 ~ 7.87	2720	500 ~ 2950	11.9	2.2 ~ 13.0	99
	3.5+6.0	2.87	4.92	—	—	7.79	2.28 ~ 8.18	2890	500 ~ 3070	12.7	2.2 ~ 13.5	99
	3.5+7.1	2.63	—	5.32	—	7.95	2.41 ~ 8.48	2980	530 ~ 3460	13.1	2.3 ~ 15.2	99
	5.0+5.0	—	3.95	3.95	—	7.90	2.34 ~ 8.33	2640	510 ~ 2840	11.6	2.2 ~ 12.5	99
	5.0+6.0	—	3.73	4.48	—	8.21	2.47 ~ 8.57	2810	530 ~ 3000	12.3	2.2 ~ 13.2	99
	5.0+7.1	—	3.52	5.01	—	8.53	2.61 ~ 8.73	3040	550 ~ 3200	13.4	2.4 ~ 14.0	99
	6.0+6.0	—	4.25	4.25	—	8.50	2.60 ~ 8.73	3030	550 ~ 3190	13.3	2.4 ~ 14.0	99
	6.0+7.1	—	3.92	4.63	—	8.55	2.75 ~ 8.84	2930	570 ~ 3080	12.9	2.5 ~ 13.5	99
	7.1+7.1	—	—	4.33	4.33	8.66	2.91 ~ 8.90	2960	600 ~ 3070	13.0	2.6 ~ 13.5	99

3D049747#6

NOTES

1 Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).

2 The total ability of connected a indoor unit is up to 15.5 kW

3 The above is the value for connecting with the following indoor units.
2.0, 2.5, 3.5 kW class: wall mounted C series
5.0, 6.0, 7.1 kW class: wall mounted B series

4 Capacity tables

4 - 1 Combination table

Cooling [50Hz 230V]

Outdoor unit	Combination of indoor unit	Capacity of each indoor unit										
		Each capacity (kW)				Total capacity (kW)		Total input (W)		Total current (A)		Power factor %
		A Room	B Room	C Room	D Room	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating
4MKS90DVMB	2.0+2.0+2.0	2.00	2.00	2.00	——	6.00	2.04 ~ 6.80	1680	490 ~ 2000	7.4	2.2 ~ 8.8	99
	2.0+2.0+2.5	2.00	2.00	2.50	——	6.50	2.07 ~ 7.04	1920	490 ~ 2130	8.4	2.2 ~ 9.3	99
	2.0+2.0+3.5	1.92	1.92	3.37	——	7.21	2.17 ~ 7.65	2340	490 ~ 2530	10.3	2.2 ~ 11.2	99
	2.0+2.0+5.0	1.70	1.70	4.24	——	7.64	2.34 ~ 8.26	2270	510 ~ 2540	10.0	2.2 ~ 11.2	99
	2.0+2.0+6.0	1.59	1.59	4.75	——	7.93	2.47 ~ 8.62	2380	510 ~ 2700	10.5	2.2 ~ 11.9	99
	2.0+2.0+7.1	1.48	1.48	5.28	——	8.24	2.48 ~ 8.86	2550	510 ~ 2840	11.2	2.2 ~ 12.5	99
	2.0+2.5+2.5	2.00	2.50	2.50	——	7.00	2.07 ~ 7.33	2220	490 ~ 2300	9.7	2.2 ~ 10.1	99
	2.0+2.5+3.5	1.84	2.30	3.22	——	7.36	2.17 ~ 7.91	2440	490 ~ 2710	10.7	2.2 ~ 12.0	99
	2.0+2.5+5.0	1.64	2.05	4.10	——	7.79	2.34 ~ 8.53	2350	510 ~ 2730	10.3	2.2 ~ 12.0	99
	2.0+2.5+6.0	1.54	1.92	4.61	——	8.07	2.47 ~ 8.75	2480	510 ~ 2800	10.9	2.2 ~ 12.3	99
	2.0+2.5+7.1	1.45	1.81	5.13	——	8.39	2.48 ~ 8.93	2640	510 ~ 2890	11.6	2.2 ~ 12.7	99
	2.0+3.5+3.5	1.70	2.97	2.97	——	7.64	2.28 ~ 8.28	2620	520 ~ 2900	11.5	2.3 ~ 12.7	99
	2.0+3.5+5.0	1.54	2.69	3.84	——	8.07	2.47 ~ 8.76	2540	510 ~ 2880	11.2	2.2 ~ 12.7	99
	2.0+3.5+6.0	1.45	2.55	4.36	——	8.36	2.47 ~ 8.91	2660	510 ~ 2900	11.7	2.2 ~ 12.7	99
	2.0+3.5+7.1	1.38	2.41	4.88	——	8.67	2.62 ~ 9.20	2840	530 ~ 3150	12.5	2.3 ~ 13.8	99
	2.0+5.0+5.0	1.42	3.54	3.54	——	8.50	2.66 ~ 9.11	2330	520 ~ 2610	10.2	2.3 ~ 11.5	99
	2.0+5.0+6.0	1.35	3.38	4.06	——	8.79	2.94 ~ 9.24	2450	540 ~ 2630	10.8	2.4 ~ 11.6	99
	2.0+5.0+7.1	1.28	3.19	4.53	——	9.00	2.97 ~ 9.31	2530	540 ~ 2620	11.1	2.4 ~ 11.6	99
	2.0+6.0+6.0	1.28	3.86	3.86	——	9.00	2.96 ~ 9.31	2520	540 ~ 2610	11.1	2.4 ~ 11.5	99
	2.0+6.0+7.1	1.19	3.58	4.23	——	9.00	2.99 ~ 9.37	2510	540 ~ 2600	11.0	2.4 ~ 11.5	99
	2.5+2.5+2.5	2.40	2.40	2.40	——	7.20	2.07 ~ 7.68	2300	490 ~ 2530	10.1	2.2 ~ 11.2	99
	2.5+2.5+3.5	2.21	2.21	3.08	——	7.50	2.17 ~ 8.09	2530	490 ~ 2860	11.1	2.2 ~ 12.6	99
	2.5+2.5+5.0	1.98	1.98	3.97	——	7.93	2.34 ~ 8.60	2450	520 ~ 2790	10.8	2.3 ~ 12.3	99
	2.5+2.5+6.0	1.87	1.87	4.47	——	8.21	2.47 ~ 8.88	2570	510 ~ 2890	11.3	2.2 ~ 12.8	99
	2.5+2.5+7.1	2.13	2.13	4.27	——	8.53	2.61 ~ 9.11	2730	530 ~ 3030	12.0	2.3 ~ 13.3	99
	2.5+3.5+3.5	2.05	2.87	2.87	——	7.79	2.28 ~ 8.45	2760	530 ~ 3040	12.1	2.3 ~ 13.4	99
	2.5+3.5+5.0	1.87	2.61	3.73	——	8.21	2.47 ~ 8.88	2630	520 ~ 2970	11.6	2.3 ~ 13.0	99
	2.5+3.5+6.0	1.77	2.48	4.25	——	8.50	2.60 ~ 9.09	2740	530 ~ 3050	12.0	2.3 ~ 13.4	99
	2.5+3.5+7.1	1.68	2.35	4.78	——	8.81	2.75 ~ 9.26	2980	560 ~ 3200	13.1	2.5 ~ 14.0	99
	2.5+5.0+5.0	1.72	3.46	3.46	——	8.64	2.66 ~ 9.18	2430	530 ~ 2660	10.7	2.3 ~ 11.7	99
	2.5+5.0+6.0	1.65	3.31	3.97	——	8.93	2.81 ~ 9.31	2540	520 ~ 2680	11.2	2.3 ~ 11.8	99
	2.5+5.0+7.1	1.54	3.08	4.38	——	9.00	2.97 ~ 9.38	2530	540 ~ 2660	11.1	2.4 ~ 11.7	99
	2.5+6.0+6.0	1.56	3.72	3.72	——	9.00	2.96 ~ 9.38	2530	540 ~ 2660	11.1	2.4 ~ 11.7	99

3D049747#7

NOTES

1 Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).

2 The total ability of connected a indoor unit is up to 15.5 kW

3 The above is the value for connecting with the following indoor units.
2.0, 2.5, 3.5 kW class: wall mounted C series
5.0, 6.0, 7.1 kW class: wall mounted B series

4 Capacity tables

4 - 1 Combination table

Cooling [50Hz 230V]

Outdoor unit	Combination of indoor unit	Capacity of each indoor unit										
		Each capacity (kW)				Total capacity (kW)		Total input (W)		Total current (A)		Power factor %
		A Room	B Room	C Room	D Room	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating
4MKS90DVMB	3.5+3.5+3.5	2.69	2.69	2.69	—	8.07	2.40 ~ 8.75	2950	550 ~ 3520	13.0	2.4 ~ 15.5	99
	3.5+3.5+5.0	2.48	2.48	3.54	—	8.50	2.60 ~ 9.09	2830	540 ~ 3070	12.4	2.4 ~ 13.5	99
	3.5+3.5+6.0	2.37	2.37	4.05	—	8.79	2.74 ~ 9.25	2990	570 ~ 3360	13.1	2.5 ~ 14.7	99
	3.5+3.5+7.1	2.22	2.22	4.51	—	8.95	2.90 ~ 9.36	3080	590 ~ 3350	13.5	2.6 ~ 14.7	99
	3.5+5.0+5.0	2.31	3.31	3.31	—	8.93	2.81 ~ 9.31	2600	530 ~ 2760	11.4	2.3 ~ 12.1	99
	3.5+5.0+6.0	2.17	3.11	3.72	—	9.00	2.96 ~ 9.38	2590	540 ~ 2730	11.4	2.4 ~ 12.0	99
	3.5+6.0+6.0	2.04	3.48	3.48	—	9.00	3.12 ~ 9.40	2530	560 ~ 2660	11.1	2.5 ~ 11.7	99
	5.0+5.0+5.0	—	3.00	3.00	3.00	9.00	3.04 ~ 9.40	2220	540 ~ 2400	9.7	2.4 ~ 10.5	99
	2.0+2.0+2.0+2.0	1.84	1.84	1.84	1.84	7.36	2.30 ~ 7.71	1910	520 ~ 1990	8.4	2.3 ~ 8.8	99
	2.0+2.0+2.0+2.5	1.76	1.76	1.76	2.22	7.50	2.34 ~ 8.05	1990	520 ~ 2170	8.7	2.3 ~ 9.5	99
	2.0+2.0+2.0+3.5	1.64	1.64	1.64	2.87	7.79	2.47 ~ 8.46	2130	520 ~ 2440	9.4	2.3 ~ 10.8	99
	2.0+2.0+2.0+5.0	1.49	1.49	1.49	3.74	8.21	2.66 ~ 9.10	1960	520 ~ 2300	8.6	2.3 ~ 10.1	99
	2.0+2.0+2.0+6.0	1.42	1.42	1.42	4.24	8.50	2.81 ~ 9.48	2060	520 ~ 2460	9.0	2.3 ~ 10.9	99
	2.0+2.0+2.0+7.1	1.35	1.35	1.35	4.76	8.81	2.97 ~ 9.62	2180	520 ~ 2500	9.6	2.3 ~ 11.0	99
	2.0+2.0+2.5+2.5	1.70	1.70	2.12	2.12	7.64	2.34 ~ 8.21	2030	520 ~ 2250	8.9	2.3 ~ 9.9	99
	2.0+2.0+2.5+3.5	1.59	1.59	1.98	2.77	7.93	2.47 ~ 8.69	2210	520 ~ 2570	9.7	2.3 ~ 11.3	99
	2.0+2.0+2.5+5.0	1.45	1.45	1.83	3.63	8.36	2.66 ~ 9.34	2040	520 ~ 2440	9.0	2.3 ~ 10.8	99
	2.0+2.0+2.5+6.0	1.38	1.38	1.73	4.15	8.64	2.81 ~ 9.40	2120	520 ~ 2420	9.3	2.3 ~ 10.7	99
	2.0+2.0+2.5+7.1	1.32	1.32	1.65	4.67	8.96	2.97 ~ 9.55	2220	520 ~ 2450	9.7	2.3 ~ 10.8	99
	2.0+2.0+3.5+3.5	1.49	1.49	2.61	2.61	8.20	2.60 ~ 9.03	2340	520 ~ 2810	10.3	2.3 ~ 12.3	99
	2.0+2.0+3.5+5.0	1.38	1.38	2.42	3.46	8.64	2.81 ~ 9.42	2170	520 ~ 2490	9.5	2.3 ~ 11.0	99
	2.0+2.0+3.5+6.0	1.32	1.32	2.32	3.97	8.93	2.96 ~ 9.56	2280	520 ~ 2510	10.0	2.3 ~ 11.1	99
	2.0+2.0+3.5+7.1	1.23	1.23	2.16	4.38	9.00	2.97 ~ 9.70	2270	520 ~ 2540	10.0	2.3 ~ 11.2	99
	2.0+2.0+5.0+5.0	1.29	1.29	3.21	3.21	9.00	3.04 ~ 9.65	2040	530 ~ 2590	9.0	2.3 ~ 11.4	99
	2.0+2.0+5.0+6.0	1.20	1.20	3.00	3.60	9.00	3.08 ~ 9.55	1940	530 ~ 2470	8.5	2.3 ~ 10.9	99
	2.0+2.5+2.5+2.5	1.64	2.05	2.05	2.05	7.79	2.34 ~ 8.44	2130	520 ~ 2380	9.4	2.3 ~ 10.4	99
	2.0+2.5+2.5+3.5	1.54	1.92	1.92	2.69	8.07	2.47 ~ 8.83	2300	520 ~ 2660	10.1	2.3 ~ 11.7	99
	2.0+2.5+2.5+5.0	1.42	1.77	1.77	3.54	8.50	2.66 ~ 9.32	2090	520 ~ 2580	9.2	2.3 ~ 11.4	99
	2.0+2.5+2.5+6.0	1.35	1.69	1.69	4.06	8.79	2.94 ~ 9.52	2190	540 ~ 2650	9.6	2.4 ~ 11.7	99
	2.0+2.5+2.5+7.1	1.28	1.60	1.60	4.52	9.00	2.97 ~ 9.66	2270	520 ~ 2680	10.0	2.3 ~ 11.8	99
	2.0+2.5+3.5+3.5	1.45	1.83	2.54	2.54	8.36	2.60 ~ 9.35	2440	520 ~ 3050	10.7	2.3 ~ 13.4	99
	2.0+2.5+3.5+5.0	1.35	1.69	2.37	3.38	8.79	2.81 ~ 9.49	2260	520 ~ 2530	9.9	2.3 ~ 11.2	99
	2.0+2.5+3.5+6.0	1.29	1.61	2.25	3.85	9.00	2.96 ~ 9.63	2320	520 ~ 2560	10.2	2.3 ~ 11.3	99
	2.0+2.5+3.5+7.1	1.19	1.49	2.09	4.23	9.00	2.99 ~ 9.78	2270	520 ~ 2590	10.0	2.3 ~ 11.4	99
	2.0+2.5+5.0+5.0	1.24	1.56	3.10	3.10	9.00	3.04 ~ 9.74	2040	530 ~ 2640	9.0	2.3 ~ 11.6	99
	2.0+2.5+5.0+6.0	1.16	1.45	2.91	3.48	9.00	3.08 ~ 9.46	1940	530 ~ 2430	8.5	2.3 ~ 10.7	99

3D049747#8

NOTES

1 Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).

2 The total ability of connected a indoor unit is up to 15.5 kW

3 The above is the value for connecting with the following indoor units.
2.0, 2.5, 3.5 kW class: wall mounted C series
5.0, 6.0, 7.1 kW class: wall mounted B series

4 Capacity tables

4 - 1 Combination table

Cooling [50Hz 230V]

Outdoor unit	Combination of indoor unit	Capacity of each indoor unit										
		Each capacity (kW)				Total capacity (kW)		Total input (W)		Total current (A)		Power factor %
		A Room	B Room	C Room	D Room	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating
4MKS90DVMB	2.0+3.5+3.5+3.5	1.38	2.42	2.42	2.42	8.64	2.87 ~ 9.53	2620	570 ~ 3050	11.5	2.5 ~ 13.4	99
	2.0+3.5+3.5+5.0	1.29	2.25	2.25	3.21	9.00	2.96 ~ 9.72	2340	520 ~ 2670	10.3	2.3 ~ 11.8	99
	2.0+3.5+3.5+6.0	1.20	2.10	2.10	3.60	9.00	3.25 ~ 9.86	2320	570 ~ 2740	10.2	2.5 ~ 12.1	99
	2.0+3.5+5.0+5.0	1.16	2.04	2.90	2.90	9.00	3.04 ~ 9.57	2040	530 ~ 2540	9.0	2.3 ~ 11.2	99
	2.5+2.5+2.5+2.5	1.98	1.98	1.98	1.98	7.92	2.34 ~ 8.67	2210	530 ~ 2530	9.7	2.3 ~ 11.2	99
	2.5+2.5+2.5+3.5	1.87	1.87	1.87	2.60	8.21	2.47 ~ 9.03	2330	530 ~ 2810	10.2	2.3 ~ 12.3	99
	2.5+2.5+2.5+5.0	1.73	1.73	1.73	3.45	8.64	2.66 ~ 9.42	2170	530 ~ 2490	9.5	2.3 ~ 10.8	99
	2.5+2.5+2.5+6.0	1.65	1.65	1.65	3.98	8.93	2.81 ~ 9.56	2280	520 ~ 2510	10.0	2.3 ~ 11.1	99
	2.5+2.5+2.5+7.1	1.54	1.54	1.54	4.38	9.00	2.97 ~ 9.70	2270	520 ~ 2540	10.0	2.3 ~ 11.2	99
	2.5+2.5+3.5+3.5	1.77	1.77	2.48	2.48	8.50	2.60 ~ 9.29	2530	530 ~ 3000	11.1	2.3 ~ 13.2	99
	2.5+2.5+3.5+5.0	1.65	1.65	2.32	3.31	8.93	2.81 ~ 9.57	2350	530 ~ 2580	10.3	2.3 ~ 11.4	99
	2.5+2.5+3.5+6.0	1.55	1.55	2.17	3.73	9.00	2.96 ~ 9.71	2370	520 ~ 2610	10.4	2.3 ~ 11.5	99
	2.5+2.5+5.0+5.0	1.50	1.50	3.00	3.00	9.00	3.04 ~ 9.57	2050	540 ~ 2550	9.0	2.4 ~ 11.1	99
	2.5+3.5+3.5+3.5	1.68	2.37	2.37	2.37	8.79	2.74 ~ 9.53	2770	550 ~ 3050	12.2	2.4 ~ 13.4	99
	2.5+3.5+3.5+5.0	1.55	2.17	2.17	3.11	9.00	2.96 ~ 9.72	2380	530 ~ 2670	10.5	2.3 ~ 11.8	99
	2.5+3.5+3.5+6.0	1.45	2.03	2.03	3.49	9.00	3.12 ~ 9.79	2370	540 ~ 2690	10.4	2.4 ~ 11.9	99
	3.5+3.5+3.5+3.5	2.24	2.24	2.24	2.24	8.96	2.88 ~ 9.65	2860	570 ~ 3220	12.6	2.5 ~ 14.1	99
	3.5+3.5+3.5+5.0	2.03	2.03	2.03	2.91	9.00	3.12 ~ 9.80	2350	550 ~ 2770	10.3	2.4 ~ 12.2	99

3D049747#9

NOTES

1 Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).

2 The total ability of connected a indoor unit is up to 15.5 kW

3 The above is the value for connecting with the following indoor units.
2.0, 2.5, 3.5 kW class: wall mounted C series
5.0, 6.0, 7.1 kW class: wall mounted B series

4 Capacity tables

4 - 1 Combination table

Cooling [50Hz 230V]

Outdoor unit	Combination of indoor unit	Capacity of each indoor unit										
		Each capacity (kW)				Total capacity (kW)		Total input (W)		Total current (A)		Power factor %
		A Room	B Room	C Room	D Room	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating
4MKS90DVMB	2.0	2.00	—	—	—	2.00	1.60 ~ 2.58	560	430 ~ 730	2.9	2.2 ~ 3.7	84
	2.5	2.50	—	—	—	2.50	1.66 ~ 3.50	710	460 ~ 1000	3.7	2.4 ~ 5.2	84
	3.5	3.50	—	—	—	3.50	1.70 ~ 4.90	1070	480 ~ 1530	5.1	2.3 ~ 7.2	92
	5.0	—	5.00	—	—	5.00	1.84 ~ 5.20	1690	430 ~ 1800	7.5	1.9 ~ 8.0	98
	6.0	—	6.00	—	—	6.00	1.92 ~ 6.74	1930	420 ~ 2190	8.6	1.9 ~ 9.7	98
	7.1	—	—	7.10	—	7.10	2.03 ~ 7.35	2650	450 ~ 2760	11.6	2.1 ~ 12.1	99
	2.0+2.0	2.00	2.00	—	—	4.00	1.84 ~ 5.32	1060	440 ~ 1480	4.7	2.0 ~ 6.6	98
	2.0+2.5	2.00	2.50	—	—	4.50	1.84 ~ 5.71	1250	440 ~ 1660	5.5	2.0 ~ 7.4	98
	2.0+3.5	2.00	3.50	—	—	5.50	1.92 ~ 6.54	1680	440 ~ 2130	7.5	2.0 ~ 9.4	98
	2.0+5.0	2.00	5.00	—	—	7.00	2.07 ~ 7.25	2550	480 ~ 2680	11.2	2.1 ~ 11.8	99
	2.0+6.0	1.84	5.52	—	—	7.36	2.17 ~ 7.75	2490	500 ~ 2660	10.9	2.2 ~ 11.7	99
	2.0+7.1	1.69	—	5.98	—	7.67	2.29 ~ 8.00	2660	500 ~ 2790	11.7	2.2 ~ 12.3	99
	2.5+2.5	2.50	2.50	—	—	5.00	1.84 ~ 6.28	1460	440 ~ 1950	6.5	2.0 ~ 8.7	98
	2.5+3.5	2.50	3.50	—	—	6.00	1.92 ~ 6.80	1980	440 ~ 2290	8.8	2.0 ~ 10.2	98
	2.5+5.0	2.40	4.81	—	—	7.21	2.07 ~ 7.51	2690	480 ~ 2880	11.8	2.1 ~ 12.6	99
	2.5+6.0	2.21	5.29	—	—	7.50	2.17 ~ 7.86	2580	500 ~ 2750	11.3	2.2 ~ 12.1	99
	2.5+7.1	2.03	—	5.78	—	7.81	2.29 ~ 8.23	2800	510 ~ 2980	12.3	2.1 ~ 13.1	99
	3.5+3.5	3.50	3.50	—	—	7.00	2.02 ~ 7.27	2600	440 ~ 2720	11.4	1.9 ~ 11.9	99
	3.5+5.0	3.09	4.41	—	—	7.50	2.17 ~ 7.87	2960	500 ~ 3170	13.0	2.2 ~ 13.9	99
	3.5+6.0	2.87	4.92	—	—	7.79	2.28 ~ 8.18	2800	500 ~ 2980	12.3	2.2 ~ 13.1	99
	3.5+7.1	2.63	—	5.32	—	7.95	2.41 ~ 8.48	2890	530 ~ 3350	12.7	2.3 ~ 14.7	99
	5.0+5.0	—	3.95	3.95	—	7.90	2.34 ~ 8.33	3280	510 ~ 3520	14.4	2.2 ~ 15.5	99
	5.0+6.0	—	3.73	4.48	—	8.21	2.47 ~ 8.57	3020	530 ~ 3220	13.3	2.2 ~ 14.1	99
	5.0+7.1	—	3.52	5.01	—	8.53	2.61 ~ 8.73	3330	550 ~ 3440	14.6	2.4 ~ 15.1	99
	6.0+6.0	—	4.25	4.25	—	8.50	2.60 ~ 8.73	2940	550 ~ 3090	12.9	2.4 ~ 13.6	99
	6.0+7.1	—	3.92	4.63	—	8.55	2.75 ~ 8.84	2930	570 ~ 3080	12.9	2.5 ~ 13.5	99
	7.1+7.1	—	—	4.33	4.33	8.66	2.91 ~ 8.90	2960	600 ~ 3070	13.0	2.6 ~ 13.5	99

3D049747#2

NOTES

1 Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).

2 The total ability of connected a indoor unit is up to 15.5 kW

3 The above is the value for connecting with the following indoor units.
2.0, 2.5, 3.5, 5.0 kW class: wall mounted D series
6.0, 7.1 kW class: wall mounted B series

4 Capacity tables

4 - 1 Combination table

Cooling [50Hz 230V]

Outdoor unit	Combination of indoor unit	Capacity of each indoor unit										
		Each capacity (kW)				Total capacity (kW)		Total input (W)		Total current (A)		Power factor %
		A Room	B Room	C Room	D Room	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating
4MKS90DVMB	2.0+2.0+2.0	2.00	2.00	2.00	—	6.00	2.04 ~ 6.80	1630	490 ~ 1940	7.2	2.2 ~ 8.5	99
	2.0+2.0+2.5	2.00	2.00	2.50	—	6.50	2.07 ~ 7.04	1860	490 ~ 2060	8.2	2.2 ~ 9.0	99
	2.0+2.0+3.5	1.92	1.92	3.37	—	7.21	2.17 ~ 7.65	2270	490 ~ 2450	10.0	2.2 ~ 10.8	99
	2.0+2.0+5.0	1.70	1.70	4.24	—	7.64	2.34 ~ 8.26	2450	510 ~ 2740	10.8	2.2 ~ 12.0	99
	2.0+2.0+6.0	1.59	1.59	4.75	—	7.93	2.47 ~ 8.62	2310	510 ~ 2620	10.1	2.2 ~ 11.5	99
	2.0+2.0+7.1	1.48	1.48	5.28	—	8.24	2.48 ~ 8.86	2470	510 ~ 2750	10.8	2.2 ~ 12.1	99
	2.0+2.5+2.5	2.00	2.50	2.50	—	7.00	2.07 ~ 7.33	2150	490 ~ 2290	9.4	2.2 ~ 9.8	99
	2.0+2.5+3.5	1.84	2.30	3.22	—	7.36	2.17 ~ 7.91	2360	490 ~ 2630	10.4	2.2 ~ 11.6	99
	2.0+2.5+5.0	1.64	2.05	4.10	—	7.79	2.34 ~ 8.53	2530	510 ~ 2940	11.1	2.2 ~ 12.9	99
	2.0+2.5+6.0	1.54	1.92	4.61	—	8.07	2.47 ~ 8.75	2400	510 ~ 2710	10.5	2.2 ~ 11.9	99
	2.0+2.5+7.1	1.45	1.81	5.13	—	8.39	2.48 ~ 8.93	2560	510 ~ 2800	11.2	2.2 ~ 12.3	99
	2.0+3.5+3.5	1.70	2.97	2.97	—	7.64	2.28 ~ 8.28	2540	520 ~ 2810	11.2	2.3 ~ 12.3	99
	2.0+3.5+5.0	1.54	2.69	3.84	—	8.07	2.47 ~ 8.76	2740	510 ~ 3100	12.0	2.2 ~ 13.6	99
	2.0+3.5+6.0	1.45	2.55	4.36	—	8.36	2.47 ~ 8.91	2580	510 ~ 2810	11.3	2.2 ~ 12.3	99
	2.0+3.5+7.1	1.38	2.41	4.88	—	8.67	2.62 ~ 9.20	2750	530 ~ 3050	12.1	2.3 ~ 13.4	99
	2.0+5.0+5.0	1.42	3.54	3.54	—	8.50	2.66 ~ 9.11	2510	520 ~ 2810	11.0	2.3 ~ 12.3	99
	2.0+5.0+6.0	1.35	3.38	4.06	—	8.79	2.94 ~ 9.24	2630	540 ~ 2830	11.6	2.4 ~ 12.4	99
	2.0+5.0+7.1	1.28	3.19	4.53	—	9.00	2.97 ~ 9.31	2730	540 ~ 2820	12.0	2.4 ~ 12.4	99
	2.0+6.0+6.0	1.28	3.86	3.86	—	9.00	2.96 ~ 9.31	2480	540 ~ 2600	10.9	2.4 ~ 11.1	99
	2.0+6.0+7.1	1.19	3.58	4.23	—	9.00	2.99 ~ 9.37	2430	540 ~ 2590	10.7	2.4 ~ 11.1	99
	2.5+2.5+2.5	2.40	2.40	2.40	—	7.20	2.07 ~ 7.68	2230	490 ~ 2450	9.8	2.2 ~ 10.8	99
	2.5+2.5+3.5	2.21	2.21	3.08	—	7.50	2.17 ~ 8.09	2450	490 ~ 2770	10.8	2.2 ~ 12.2	99
	2.5+2.5+5.0	1.98	1.98	3.97	—	7.93	2.34 ~ 8.60	2630	520 ~ 3000	11.6	2.3 ~ 13.2	99
	2.5+2.5+6.0	1.87	1.87	4.47	—	8.21	2.47 ~ 8.88	2490	510 ~ 2800	10.9	2.2 ~ 12.3	99
	2.5+2.5+7.1	2.13	2.13	4.27	—	8.53	2.61 ~ 9.11	2650	530 ~ 2940	11.6	2.3 ~ 12.9	99
	2.5+3.5+3.5	2.05	2.87	2.87	—	7.79	2.28 ~ 8.45	2670	530 ~ 2950	11.7	2.3 ~ 13.0	99
	2.5+3.5+5.0	1.87	2.61	3.73	—	8.21	2.47 ~ 8.88	2830	520 ~ 3210	12.4	2.3 ~ 14.1	99
	2.5+3.5+6.0	1.77	2.48	4.25	—	8.50	2.60 ~ 9.09	2660	530 ~ 2960	11.7	2.3 ~ 13.0	99
	2.5+3.5+7.1	1.68	2.35	4.78	—	8.81	2.75 ~ 9.26	2900	560 ~ 3100	12.7	2.5 ~ 13.6	99
	2.5+5.0+5.0	1.72	3.46	3.46	—	8.64	2.66 ~ 9.18	2610	530 ~ 2870	11.5	2.3 ~ 12.6	99
	2.5+5.0+6.0	1.65	3.31	3.97	—	8.93	2.81 ~ 9.31	2730	520 ~ 2890	12.0	2.3 ~ 12.7	99
	2.5+5.0+7.1	1.54	3.08	4.38	—	9.00	2.97 ~ 9.38	2730	540 ~ 2860	12.0	2.4 ~ 12.6	99
	2.5+6.0+6.0	1.56	3.72	3.72	—	9.00	2.96 ~ 9.38	2470	540 ~ 2580	10.8	2.4 ~ 11.3	99

3D049747#3

NOTES

1 Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).

2 The total ability of connected a indoor unit is up to 15.5 kW

3 The above is the value for connecting with the following indoor units.
2.0, 2.5, 3.5, 5.0 kW class: wall mounted D series
6.0, 7.1 kW class: wall mounted B series

4 Capacity tables

4 - 1 Combination table

Cooling [50Hz 230V]

Outdoor unit	Combination of indoor unit	Capacity of each indoor unit										
		Each capacity (kW)				Total capacity (kW)		Total input (W)		Total current (A)		Power factor %
		A Room	B Room	C Room	D Room	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating
4MKS90DVMB	3.5+3.5+3.5	2.69	2.69	2.69	—	8.07	2.40 ~ 8.75	2860	550 ~ 3410	12.6	2.4 ~ 15.0	99
	3.5+3.5+5.0	2.48	2.48	3.54	—	8.50	2.60 ~ 9.09	3050	540 ~ 3310	13.4	2.4 ~ 14.5	99
	3.5+3.5+6.0	2.37	2.37	4.05	—	8.79	2.74 ~ 9.25	2900	570 ~ 3260	12.7	2.5 ~ 14.3	99
	3.5+3.5+7.1	2.22	2.22	4.51	—	8.95	2.90 ~ 9.36	2990	590 ~ 3250	13.1	2.6 ~ 14.3	99
	3.5+5.0+5.0	2.31	3.31	3.31	—	8.93	2.81 ~ 9.31	2800	530 ~ 2960	12.3	2.3 ~ 13.0	99
	3.5+5.0+6.0	2.17	3.11	3.72	—	9.00	2.96 ~ 9.38	2790	540 ~ 2940	12.3	2.4 ~ 12.9	99
	3.5+6.0+6.0	2.04	3.48	3.48	—	9.00	3.12 ~ 9.40	2450	560 ~ 2580	10.8	2.5 ~ 11.3	99
	5.0+5.0+5.0	—	3.00	3.00	3.00	9.00	3.04 ~ 9.40	2390	540 ~ 2590	10.5	2.4 ~ 11.4	99
	2.0+2.0+2.0+2.0	1.84	1.84	1.84	1.84	7.36	2.30 ~ 7.71	1850	520 ~ 1980	8.1	2.3 ~ 8.5	99
	2.0+2.0+2.0+2.5	1.76	1.76	1.76	2.22	7.50	2.34 ~ 8.05	1930	520 ~ 2100	8.5	2.3 ~ 9.2	99
	2.0+2.0+2.0+3.5	1.64	1.64	1.64	2.87	7.79	2.47 ~ 8.46	2060	520 ~ 2360	9.0	2.3 ~ 10.4	99
	2.0+2.0+2.0+5.0	1.49	1.49	1.49	3.74	8.21	2.66 ~ 9.10	2110	520 ~ 2480	9.3	2.3 ~ 10.9	99
	2.0+2.0+2.0+6.0	1.42	1.42	1.42	4.24	8.50	2.81 ~ 9.48	2000	520 ~ 2380	8.8	2.3 ~ 10.5	99
	2.0+2.0+2.0+7.1	1.35	1.35	1.35	4.76	8.81	2.97 ~ 9.62	2160	520 ~ 2420	9.5	2.3 ~ 10.6	99
	2.0+2.0+2.5+2.5	1.70	1.70	2.12	2.12	7.64	2.34 ~ 8.21	1970	520 ~ 2180	8.7	2.3 ~ 9.6	99
	2.0+2.0+2.5+3.5	1.59	1.59	1.98	2.77	7.93	2.47 ~ 8.69	2140	520 ~ 2490	9.4	2.3 ~ 10.9	99
	2.0+2.0+2.5+5.0	1.45	1.45	1.83	3.63	8.36	2.66 ~ 9.34	2200	520 ~ 2620	9.7	2.3 ~ 11.5	99
	2.0+2.0+2.5+6.0	1.38	1.38	1.73	4.15	8.64	2.81 ~ 9.40	2050	520 ~ 2340	9.0	2.3 ~ 10.3	99
	2.0+2.0+2.5+7.1	1.32	1.32	1.65	4.67	8.96	2.97 ~ 9.55	2210	520 ~ 2370	9.7	2.3 ~ 10.4	99
	2.0+2.0+3.5+3.5	1.49	1.49	2.61	2.61	8.20	2.60 ~ 9.03	2270	520 ~ 2720	10.0	2.3 ~ 11.9	99
	2.0+2.0+3.5+5.0	1.38	1.38	2.42	3.46	8.64	2.81 ~ 9.42	2340	520 ~ 2680	10.3	2.3 ~ 11.8	99
	2.0+2.0+3.5+6.0	1.32	1.32	2.32	3.97	8.93	2.96 ~ 9.56	2210	520 ~ 2430	9.7	2.3 ~ 10.7	99
	2.0+2.0+3.5+7.1	1.23	1.23	2.16	4.38	9.00	2.97 ~ 9.70	2230	520 ~ 2460	9.8	2.3 ~ 10.8	99
	2.0+2.0+5.0+5.0	1.29	1.29	3.21	3.21	9.00	3.04 ~ 9.65	2200	530 ~ 2590	9.7	2.3 ~ 12.3	99
	2.0+2.0+5.0+6.0	1.20	1.20	3.00	3.60	9.00	3.08 ~ 9.55	2090	530 ~ 2470	9.2	2.3 ~ 11.6	99
	2.0+2.5+2.5+2.5	1.64	2.05	2.05	2.05	7.79	2.34 ~ 8.44	2060	520 ~ 2310	9.0	2.3 ~ 10.1	99
	2.0+2.5+2.5+3.5	1.54	1.92	1.92	2.69	8.07	2.47 ~ 8.83	2230	520 ~ 2580	9.8	2.3 ~ 11.3	99
	2.0+2.5+2.5+5.0	1.42	1.77	1.77	3.54	8.50	2.66 ~ 9.32	2240	520 ~ 2660	9.8	2.3 ~ 12.2	99
	2.0+2.5+2.5+6.0	1.35	1.69	1.69	4.06	8.79	2.94 ~ 9.52	2120	540 ~ 2470	9.3	2.4 ~ 11.3	99
	2.0+2.5+2.5+7.1	1.28	1.60	1.60	4.52	9.00	2.97 ~ 9.66	2220	520 ~ 2540	9.7	2.3 ~ 11.4	99
	2.0+2.5+3.5+3.5	1.45	1.83	2.54	2.54	8.36	2.60 ~ 9.35	2360	520 ~ 2870	10.4	2.3 ~ 13.0	99
	2.0+2.5+3.5+5.0	1.35	1.69	2.37	3.38	8.79	2.81 ~ 9.49	2430	520 ~ 2730	10.7	2.3 ~ 12.0	99
	2.0+2.5+3.5+6.0	1.29	1.61	2.25	3.85	9.00	2.96 ~ 9.63	2270	520 ~ 2480	10.0	2.3 ~ 10.9	99
	2.0+2.5+3.5+7.1	1.19	1.49	2.09	4.23	9.00	2.99 ~ 9.78	2200	520 ~ 2510	9.7	2.3 ~ 11.0	99
	2.0+2.5+5.0+5.0	1.24	1.56	3.10	3.10	9.00	3.04 ~ 9.74	2200	530 ~ 2640	9.7	2.3 ~ 12.5	99
	2.0+2.5+5.0+6.0	1.16	1.45	2.91	3.48	9.00	3.08 ~ 9.46	2090	530 ~ 2430	9.2	2.3 ~ 11.5	99

3D049747#4

NOTES

1 Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).

2 The total ability of connected a indoor unit is up to 15.5 kW

3 The above is the value for connecting with the following indoor units.
2.0, 2.5, 3.5, 5.0 kW class: wall mounted D series
6.0, 7.1 kW class: wall mounted B series

4 Capacity tables

4 - 1 Combination table

Cooling [50Hz 230V]

Outdoor unit	Combination of indoor unit	Capacity of each indoor unit										
		Each capacity (kW)				Total capacity (kW)		Total input (W)		Total current (A)		Power factor %
		A Room	B Room	C Room	D Room	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating	(Min.~max.)	Rating
4MKS90DVMB	2.0+3.5+3.5+3.5	1.38	2.42	2.42	2.42	8.64	2.87 ~ 9.53	2540	570 ~ 2960	11.2	2.5 ~ 13.0	99
	2.0+3.5+3.5+5.0	1.29	2.25	2.25	3.21	9.00	2.96 ~ 9.72	2530	520 ~ 2880	11.1	2.3 ~ 12.6	99
	2.0+3.5+3.5+6.0	1.20	2.10	2.10	3.60	9.00	3.25 ~ 9.86	2250	570 ~ 2660	9.9	2.5 ~ 11.7	99
	2.0+3.5+5.0+5.0	1.16	2.04	2.90	2.90	9.00	3.04 ~ 9.57	2200	530 ~ 2540	9.7	2.3 ~ 12.0	99
	2.5+2.5+2.5+2.5	1.98	1.98	1.98	1.98	7.92	2.34 ~ 8.67	2140	530 ~ 2450	9.4	2.3 ~ 10.8	99
	2.5+2.5+2.5+3.5	1.87	1.87	1.87	2.60	8.21	2.47 ~ 9.03	2260	530 ~ 2700	9.9	2.3 ~ 11.9	99
	2.5+2.5+2.5+5.0	1.73	1.73	1.73	3.45	8.64	2.66 ~ 9.42	2340	530 ~ 2680	10.3	2.3 ~ 11.8	99
	2.5+2.5+2.5+6.0	1.65	1.65	1.65	3.98	8.93	2.81 ~ 9.56	2270	520 ~ 2430	10.0	2.3 ~ 10.7	99
	2.5+2.5+2.5+7.1	1.54	1.54	1.54	4.38	9.00	2.97 ~ 9.70	2190	520 ~ 2460	9.6	2.3 ~ 10.8	99
	2.5+2.5+3.5+3.5	1.77	1.77	2.48	2.48	8.50	2.60 ~ 9.29	2450	530 ~ 2910	10.8	2.3 ~ 12.8	99
	2.5+2.5+3.5+5.0	1.65	1.65	2.32	3.31	8.93	2.81 ~ 9.57	2530	530 ~ 2770	11.1	2.3 ~ 12.2	99
	2.5+2.5+3.5+6.0	1.55	1.55	2.17	3.73	9.00	2.96 ~ 9.71	2310	520 ~ 2580	10.1	2.3 ~ 11.1	99
	2.5+2.5+5.0+5.0	1.50	1.50	3.00	3.00	9.00	3.04 ~ 9.57	2210	540 ~ 2550	9.7	2.4 ~ 12.1	99
	2.5+3.5+3.5+3.5	1.68	2.37	2.37	2.37	8.79	2.74 ~ 9.53	2680	550 ~ 2960	11.8	2.4 ~ 13.0	99
	2.5+3.5+3.5+5.0	1.55	2.17	2.17	3.11	9.00	2.96 ~ 9.72	2530	530 ~ 2880	11.1	2.3 ~ 12.6	99
	2.5+3.5+3.5+6.0	1.45	2.03	2.03	3.49	9.00	3.12 ~ 9.79	2370	540 ~ 2610	10.4	2.4 ~ 11.5	99
	3.5+3.5+3.5+3.5	2.24	2.24	2.24	2.24	8.96	2.88 ~ 9.65	2770	570 ~ 3120	12.2	2.5 ~ 13.7	99
	3.5+3.5+3.5+5.0	2.03	2.03	2.03	2.91	9.00	3.12 ~ 9.80	2530	550 ~ 2980	11.1	2.4 ~ 13.1	99

3D049747#5

NOTES

1 Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).

2 The total ability of connected a indoor unit is up to 15.5 kW

3 The above is the value for connecting with the following indoor units.
2.0, 2.5, 3.5, 5.0 kW class: wall mounted D series
6.0, 7.1 kW class: wall mounted B series

4 Capacity tables

4 - 2 Cooling capacity tables

2MKS40DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0	22.0	2.41	0.61	2.52	0.62	2.64	0.63	2.69	0.64	2.86	0.66	2.97	0.67
	25.0	2.35	0.63	2.46	0.64	2.57	0.65	2.62	0.66	2.79	0.68	2.90	0.69
	32.0	2.19	0.69	2.30	0.70	2.41	0.71	2.47	0.72	2.63	0.73	2.74	0.74
	35.0	2.12	0.71	2.23	0.72	2.34	0.73	2.40	0.74	2.57	0.76	2.68	0.77
	40.0	2.01	0.76	2.12	0.77	2.23	0.78	2.29	0.79	2.45	0.80	2.56	0.82
	43.0	1.94	0.79	2.06	0.80	2.17	0.81	2.22	0.82	2.39	0.83	2.50	0.84
	46.0	1.88	0.82	1.99	0.83	2.10	0.84	2.15	0.85	2.32	0.86	2.43	0.87
2.5	22.0	3.02	0.84	3.16	0.85	3.29	0.87	3.36	0.88	3.57	0.90	3.71	0.92
	25.0	2.93	0.87	3.07	0.88	3.21	0.90	3.28	0.91	3.49	0.93	3.62	0.95
	32.0	2.74	0.94	2.88	0.96	3.01	0.98	3.08	0.99	3.29	1.01	3.43	1.03
	35.0	2.65	0.98	2.79	1.00	2.93	1.01	3.00	1.02	3.21	1.05	3.35	1.06
	40.0	2.51	1.04	2.65	1.06	2.79	1.08	2.86	1.08	3.07	1.11	3.21	1.12
	43.0	2.43	1.08	2.57	1.10	2.71	1.12	2.78	1.12	2.98	1.15	3.12	1.16
	46.0	2.35	1.12	2.49	1.14	2.62	1.16	2.69	1.16	2.90	1.19	3.04	1.21
3.5	22.0	3.31	1.03	3.79	1.21	3.95	1.23	4.04	1.24	4.28	1.28	4.45	1.30
	25.0	3.31	1.12	3.69	1.25	3.85	1.27	3.94	1.28	4.18	1.32	4.35	1.34
	32.0	3.29	1.33	3.45	1.36	3.62	1.38	3.70	1.39	3.95	1.43	4.12	1.45
	35.0	3.19	1.38	3.35	1.41	3.52	1.43	3.60	1.44	3.85	1.48	4.01	1.50
	40.0	3.02	1.47	3.18	1.50	3.35	1.52	3.43	1.53	3.68	1.56	3.85	1.59
	43.0	2.92	1.53	3.08	1.55	3.25	1.57	3.33	1.59	3.58	1.62	3.75	1.64
	46.0	2.82	1.59	2.98	1.61	3.15	1.63	3.23	1.64	3.48	1.68	3.65	1.70
2.0+2.0	22.0	4.12	1.20	4.31	1.22	4.50	1.25	4.60	1.26	4.88	1.29	5.07	1.32
	25.0	4.01	1.24	4.20	1.27	4.39	1.29	4.48	1.30	4.77	1.34	4.95	1.36
	32.0	3.74	1.35	3.93	1.38	4.12	1.40	4.21	1.41	4.50	1.45	4.69	1.47
	35.0	3.63	1.40	3.82	1.43	4.01	1.45	4.10	1.46	4.38	1.50	4.57	1.52
	40.0	3.44	1.49	3.63	1.52	3.81	1.54	3.91	1.55	4.19	1.59	4.38	1.61
	43.0	3.32	1.55	3.51	1.57	3.70	1.60	3.79	1.61	4.08	1.64	4.27	1.67
	46.0	3.21	1.61	3.40	1.63	3.59	1.66	3.68	1.67	3.96	1.70	4.15	1.73
2.0+2.5	22.0	4.12	1.20	4.31	1.22	4.50	1.25	4.60	1.26	4.88	1.29	5.07	1.32
	25.0	4.01	1.24	4.20	1.27	4.39	1.29	4.48	1.30	4.77	1.34	4.95	1.36
	32.0	3.74	1.35	3.93	1.38	4.12	1.40	4.21	1.41	4.50	1.45	4.69	1.47
	35.0	3.63	1.40	3.82	1.43	4.01	1.45	4.10	1.46	4.38	1.50	4.57	1.52
	40.0	3.44	1.49	3.63	1.52	3.81	1.54	3.91	1.55	4.19	1.59	4.38	1.61
	43.0	3.32	1.55	3.51	1.57	3.70	1.60	3.79	1.61	4.08	1.64	4.27	1.67
	46.0	3.21	1.61	3.40	1.63	3.59	1.66	3.68	1.67	3.96	1.70	4.15	1.73
2.0+3.5	22.0	4.22	1.22	4.42	1.25	4.61	1.27	4.71	1.28	5.00	1.32	5.19	1.34
	25.0	4.11	1.27	4.30	1.29	4.49	1.32	4.59	1.33	4.88	1.36	5.07	1.39
	32.0	3.83	1.38	4.03	1.40	4.22	1.43	4.32	1.44	4.61	1.48	4.80	1.50
	35.0	3.72	1.43	3.91	1.46	4.10	1.48	4.20	1.49	4.49	1.53	4.68	1.55
	40.0	3.52	1.52	3.71	1.55	3.91	1.57	4.00	1.58	4.29	1.62	4.49	1.64
	43.0	3.40	1.58	3.60	1.61	3.79	1.63	3.89	1.64	4.18	1.68	4.37	1.70
	46.0	3.29	1.64	3.48	1.67	3.67	1.69	3.77	1.70	4.06	1.74	4.25	1.76
2.5+2.5	22.0	4.22	1.22	4.42	1.25	4.61	1.27	4.71	1.28	5.00	1.32	5.19	1.34
	25.0	4.11	1.27	4.30	1.29	4.49	1.32	4.59	1.33	4.88	1.36	5.07	1.39
	32.0	3.83	1.38	4.03	1.40	4.22	1.43	4.32	1.44	4.61	1.48	4.80	1.50
	35.0	3.72	1.43	3.91	1.46	4.10	1.48	4.20	1.49	4.49	1.53	4.68	1.55
	40.0	3.52	1.52	3.71	1.55	3.91	1.57	4.00	1.58	4.29	1.62	4.49	1.64
	43.0	3.40	1.58	3.60	1.61	3.79	1.63	3.89	1.64	4.18	1.68	4.37	1.70
	46.0	3.29	1.64	3.48	1.67	3.67	1.69	3.77	1.70	4.06	1.74	4.25	1.76
2.5+3.5	22.0	4.22	1.22	4.42	1.25	4.61	1.27	4.71	1.28	5.00	1.32	5.19	1.34
	25.0	4.11	1.27	4.30	1.29	4.49	1.32	4.59	1.33	4.88	1.36	5.07	1.39
	32.0	3.83	1.38	4.03	1.40	4.22	1.43	4.32	1.44	4.61	1.48	4.80	1.50
	35.0	3.72	1.43	3.91	1.46	4.10	1.48	4.20	1.49	4.49	1.53	4.68	1.55
	40.0	3.52	1.52	3.71	1.55	3.91	1.57	4.00	1.58	4.29	1.62	4.49	1.64
	43.0	3.40	1.58	3.60	1.61	3.79	1.63	3.89	1.64	4.18	1.68	4.37	1.70
	46.0	3.29	1.64	3.48	1.67	3.67	1.69	3.77	1.70	4.06	1.74	4.25	1.76

3D050136#1

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

3MKS50DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0	22.0	2.99	0.63	3.12	0.65	3.26	0.66	3.33	0.66	3.53	0.68	3.67	0.69
	25.0	2.90	0.66	3.04	0.67	3.18	0.68	3.25	0.69	3.45	0.70	3.59	0.72
	32.0	2.71	0.71	2.85	0.73	2.98	0.74	3.05	0.74	3.26	0.76	3.40	0.77
	35.0	2.63	0.74	2.76	0.75	2.90	0.76	2.97	0.77	3.18	0.79	3.31	0.80
	40.0	2.49	0.79	2.63	0.80	2.76	0.81	2.83	0.82	3.04	0.84	3.17	0.85
	43.0	2.41	0.82	2.54	0.83	2.68	0.84	2.75	0.85	2.95	0.87	3.09	0.88
	46.0	2.32	0.85	2.46	0.86	2.60	0.87	2.67	0.88	2.87	0.90	3.01	0.91
2.5	22.0	3.27	0.71	3.42	0.72	3.57	0.73	3.64	0.74	3.87	0.76	4.02	0.78
	25.0	3.18	0.73	3.33	0.75	3.48	0.76	3.55	0.77	3.78	0.79	3.93	0.80
	32.0	2.97	0.80	3.12	0.81	3.27	0.82	3.34	0.83	3.57	0.85	3.72	0.87
	35.0	2.88	0.83	3.03	0.84	3.18	0.85	3.25	0.86	3.47	0.88	3.62	0.90
	40.0	2.72	0.88	2.87	0.89	3.02	0.91	3.10	0.91	3.32	0.93	3.47	0.95
	43.0	2.63	0.91	2.78	0.93	2.93	0.94	3.01	0.95	3.23	0.97	3.38	0.98
	46.0	2.54	0.95	2.69	0.96	2.84	0.98	2.92	0.98	3.14	1.00	3.29	1.02
3.5	22.0	3.31	0.68	4.06	0.86	4.87	1.06	5.09	1.11	5.40	1.14	5.61	1.16
	25.0	3.31	0.73	4.06	0.92	4.86	1.14	4.96	1.15	5.28	1.18	5.49	1.20
	32.0	3.31	0.86	4.06	1.10	4.56	1.24	4.67	1.25	4.98	1.28	5.19	1.30
	35.0	3.31	0.93	4.06	1.19	4.44	1.28	4.54	1.29	4.85	1.32	5.06	1.34
	40.0	3.31	1.07	4.01	1.34	4.22	1.36	4.33	1.37	4.64	1.40	4.85	1.42
	43.0	3.31	1.16	3.89	1.39	4.10	1.41	4.20	1.42	4.52	1.45	4.72	1.47
	46.0	3.31	1.27	3.76	1.44	3.97	1.46	4.07	1.47	4.39	1.50	4.60	1.52
2.0+2.0	22.0	5.04	1.24	5.27	1.27	5.50	1.29	5.62	1.30	5.96	1.34	6.19	1.36
	25.0	4.90	1.29	5.13	1.31	5.36	1.33	5.48	1.35	5.82	1.38	6.05	1.41
	32.0	4.57	1.40	4.80	1.42	5.03	1.45	5.15	1.46	5.50	1.50	5.73	1.52
	35.0	4.43	1.45	4.66	1.48	4.89	1.50	5.01	1.51	5.36	1.55	5.59	1.57
	40.0	4.20	1.54	4.43	1.57	4.66	1.59	4.78	1.60	5.12	1.64	5.35	1.66
	43.0	4.06	1.60	4.29	1.63	4.52	1.65	4.64	1.66	4.98	1.70	5.21	1.72
	46.0	3.92	1.66	4.15	1.69	4.38	1.71	4.50	1.72	4.84	1.76	5.07	1.78
2.0+2.5	22.0	5.50	1.42	5.75	1.45	6.01	1.48	6.13	1.49	6.51	1.53	6.76	1.56
	25.0	5.35	1.47	5.60	1.50	5.85	1.53	5.98	1.54	6.36	1.58	6.61	1.61
	32.0	4.99	1.60	5.24	1.63	5.50	1.66	5.62	1.67	6.00	1.71	6.25	1.74
	35.0	4.84	1.66	5.09	1.69	5.34	1.72	5.47	1.73	5.85	1.77	6.10	1.80
	40.0	4.59	1.77	4.84	1.80	5.09	1.82	5.22	1.84	5.59	1.88	5.85	1.91
	43.0	4.43	1.84	4.68	1.86	4.94	1.89	5.06	1.91	5.44	1.95	5.69	1.97
	46.0	4.28	1.91	4.53	1.93	4.78	1.96	4.91	1.98	5.29	2.02	5.54	2.04
2.0+3.5	22.0	6.24	1.71	6.52	1.74	6.81	1.78	6.95	1.79	7.38	1.84	7.66	1.88
	25.0	6.06	1.77	6.35	1.80	6.63	1.84	6.78	1.85	7.21	1.90	7.49	1.94
	32.0	5.66	1.93	5.94	1.96	6.23	1.99	6.37	2.01	6.80	2.06	7.09	2.09
	35.0	5.49	2.00	5.77	2.03	6.06	2.07	6.20	2.08	6.63	2.13	6.91	2.17
	40.0	5.20	2.13	5.48	2.16	5.77	2.19	5.91	2.21	6.34	2.26	6.63	2.29
	43.0	5.02	2.21	5.31	2.24	5.60	2.27	5.74	2.29	6.17	2.34	6.45	2.37
	46.0	4.67	2.08	4.90	2.08	5.13	2.08	5.24	2.08	5.57	2.08	5.78	2.08
2.5+2.5	22.0	5.95	1.62	6.23	1.65	6.50	1.68	6.64	1.70	7.05	1.75	7.32	1.78
	25.0	5.79	1.68	6.06	1.71	6.33	1.74	6.47	1.76	6.88	1.80	7.15	1.83
	32.0	5.40	1.82	5.68	1.86	5.95	1.89	6.09	1.90	6.49	1.95	6.77	1.98
	35.0	5.24	1.89	5.51	1.92	5.78	1.96	5.92	1.97	6.33	2.02	6.60	2.05
	40.0	4.96	2.01	5.24	2.05	5.51	2.08	5.64	2.09	6.05	2.14	6.33	2.17
	43.0	4.80	2.09	5.07	2.12	5.34	2.15	5.48	2.17	5.89	2.22	6.16	2.25
	46.0	4.55	2.08	4.78	2.08	5.01	2.08	5.12	2.08	5.45	2.08	5.66	2.08
2.5+3.5	22.0	6.31	1.76	6.60	1.79	6.88	1.83	7.03	1.84	7.46	1.90	7.75	1.93
	25.0	6.13	1.82	6.42	1.86	6.71	1.89	6.85	1.91	7.29	1.96	7.58	1.99
	32.0	5.72	1.98	6.01	2.02	6.30	2.05	6.45	2.07	6.88	2.12	7.17	2.15
	35.0	5.55	2.06	5.84	2.09	6.13	2.13	6.27	2.14	6.70	2.19	6.99	2.23
	40.0	5.26	2.19	5.54	2.22	5.83	2.26	5.98	2.27	6.41	2.33	6.70	2.36
	43.0	5.08	2.27	5.37	2.31	5.66	2.34	5.80	2.36	6.24	2.41	6.53	2.44
	46.0	4.67	2.08	4.90	2.08	5.13	2.08	5.24	2.08	5.57	2.08	5.78	2.08
3.5+3.5	22.0	6.35	1.74	6.64	1.78	6.93	1.81	7.07	1.83	7.51	1.88	7.80	1.91
	25.0	6.17	1.80	6.46	1.84	6.75	1.87	6.90	1.89	7.33	1.94	7.62	1.97
	32.0	5.76	1.96	6.05	2.00	6.34	2.03	6.49	2.05	6.92	2.10	7.21	2.13
	35.0	5.58	2.04	5.87	2.07	6.16	2.11	6.31	2.12	6.75	2.17	7.04	2.21
	40.0	5.29	2.17	5.58	2.20	5.87	2.24	6.02	2.25	6.45	2.30	6.74	2.34
	43.0	5.11	2.25	5.40	2.28	5.69	2.32	5.84	2.33	6.28	2.39	6.57	2.42
	46.0	4.71	2.08	4.95	2.08	5.18	2.08	5.29	2.08	5.62	2.08	5.83	2.08

3D050145#1

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

3MKS50BVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0	22.0	6.27	1.71	6.55	1.74	6.84	1.78	6.98	1.79	7.41	1.84	7.70	1.88
	25.0	6.09	1.77	6.38	1.80	6.67	1.84	6.81	1.85	7.24	1.90	7.53	1.94
	32.0	5.69	1.93	5.97	1.96	6.26	1.99	6.40	2.01	6.83	2.06	7.12	2.09
	35.0	5.51	2.00	5.80	2.03	6.09	2.07	6.23	2.08	6.66	2.13	6.95	2.17
	40.0	5.22	2.13	5.51	2.16	5.80	2.19	5.94	2.21	6.37	2.26	6.66	2.29
	43.0	5.05	2.21	5.34	2.24	5.62	2.27	5.77	2.29	6.20	2.34	6.48	2.37
	46.0	4.69	2.08	4.92	2.08	5.15	2.08	5.26	2.08	5.59	2.08	5.81	2.08
2.0+2.0+2.5	22.0	6.32	1.73	6.61	1.77	6.90	1.80	7.04	1.82	7.47	1.87	7.76	1.90
	25.0	6.14	1.80	6.43	1.83	6.72	1.86	6.86	1.88	7.30	1.93	7.59	1.97
	32.0	5.73	1.95	6.02	1.99	6.31	2.02	6.46	2.04	6.89	2.09	7.18	2.12
	35.0	5.56	2.03	5.85	2.06	6.14	2.10	6.28	2.11	6.71	2.16	7.00	2.20
	40.0	5.26	2.16	5.55	2.19	5.84	2.22	5.99	2.24	6.42	2.29	6.71	2.33
	43.0	5.09	2.24	5.38	2.27	5.67	2.31	5.81	2.32	6.25	2.37	6.54	2.41
	46.0	4.70	2.08	4.93	2.08	5.16	2.08	5.28	2.08	5.60	2.08	5.82	2.08
2.0+2.0+3.5	22.0	6.47	1.79	6.76	1.83	7.06	1.86	7.21	1.88	7.65	1.93	7.95	1.97
	25.0	6.29	1.86	6.58	1.89	6.88	1.93	7.03	1.94	7.47	2.00	7.77	2.03
	32.0	5.87	2.02	6.17	2.05	6.46	2.09	6.61	2.11	7.05	2.16	7.35	2.19
	35.0	5.69	2.10	5.99	2.13	6.28	2.16	6.43	2.18	6.87	2.23	7.17	2.27
	40.0	5.39	2.23	5.69	2.26	5.98	2.30	6.13	2.32	6.57	2.37	6.87	2.40
	43.0	5.21	2.31	5.51	2.35	5.80	2.38	5.95	2.40	6.40	2.45	6.69	2.49
	46.0	4.76	2.08	4.99	2.08	5.22	2.08	5.33	2.08	5.66	2.08	5.87	2.08
2.0+2.5+2.5	22.0	6.38	1.76	6.67	1.79	6.96	1.83	7.11	1.84	7.55	1.90	7.84	1.93
	25.0	6.20	1.82	6.49	1.86	6.78	1.89	6.93	1.91	7.37	1.96	7.66	1.99
	32.0	5.79	1.98	6.08	2.02	6.37	2.05	6.52	2.07	6.96	2.12	7.25	2.15
	35.0	5.61	2.06	5.90	2.09	6.19	2.13	6.34	2.14	6.78	2.19	7.07	2.23
	40.0	5.31	2.19	5.61	2.22	5.90	2.26	6.04	2.27	6.48	2.33	6.78	2.36
	43.0	5.14	2.27	5.43	2.31	5.72	2.34	5.87	2.36	6.31	2.41	6.60	2.44
	46.0	4.72	2.08	4.95	2.08	5.18	2.08	5.30	2.08	5.62	2.08	5.84	2.08
2.0+2.5+3.5	22.0	6.47	1.79	6.76	1.83	7.06	1.86	7.21	1.88	7.65	1.93	7.95	1.97
	25.0	6.29	1.86	6.58	1.89	6.88	1.93	7.03	1.94	7.47	2.00	7.77	2.03
	32.0	5.87	2.02	6.17	2.05	6.46	2.09	6.61	2.11	7.05	2.16	7.35	2.19
	35.0	5.69	2.10	5.99	2.13	6.28	2.16	6.43	2.18	6.87	2.23	7.17	2.27
	40.0	5.39	2.23	5.69	2.26	5.98	2.30	6.13	2.32	6.57	2.37	6.87	2.40
	43.0	5.21	2.31	5.51	2.35	5.80	2.38	5.95	2.40	6.40	2.45	6.69	2.49
	46.0	4.76	2.08	4.99	2.08	5.22	2.08	5.33	2.08	5.66	2.08	5.87	2.08
2.0+3.5+3.5	22.0	6.47	1.79	6.76	1.83	7.06	1.86	7.21	1.88	7.65	1.93	7.95	1.97
	25.0	6.29	1.86	6.58	1.89	6.88	1.93	7.03	1.94	7.47	2.00	7.77	2.03
	32.0	5.87	2.02	6.17	2.05	6.46	2.09	6.61	2.11	7.05	2.16	7.35	2.19
	35.0	5.69	2.10	5.99	2.13	6.28	2.16	6.43	2.18	6.87	2.23	7.17	2.27
	40.0	5.39	2.23	5.69	2.26	5.98	2.30	6.13	2.32	6.57	2.37	6.87	2.40
	43.0	5.21	2.31	5.51	2.35	5.80	2.38	5.95	2.40	6.40	2.45	6.69	2.49
	46.0	4.76	2.08	4.99	2.08	5.22	2.08	5.33	2.08	5.66	2.08	5.87	2.08
2.5+2.5+2.5	22.0	6.43	1.79	6.72	1.83	7.02	1.86	7.16	1.88	7.61	1.93	7.90	1.97
	25.0	6.25	1.86	6.54	1.89	6.84	1.93	6.99	1.94	7.43	2.00	7.72	2.03
	32.0	5.83	2.02	6.13	2.05	6.42	2.09	6.57	2.11	7.01	2.16	7.30	2.19
	35.0	5.65	2.10	5.95	2.13	6.24	2.16	6.39	2.18	6.83	2.23	7.13	2.27
	40.0	5.36	2.23	5.65	2.26	5.95	2.30	6.09	2.32	6.53	2.37	6.83	2.40
	43.0	5.18	2.31	5.47	2.35	5.77	2.38	5.91	2.40	6.36	2.45	6.65	2.49
	46.0	4.73	2.08	4.96	2.08	5.19	2.08	5.30	2.08	5.63	2.08	5.84	2.08
2.5+2.5+3.5	22.0	6.47	1.78	6.76	1.82	7.06	1.85	7.21	1.87	7.65	1.92	7.95	1.96
	25.0	6.29	1.85	6.58	1.88	6.88	1.92	7.03	1.93	7.47	1.99	7.77	2.02
	32.0	5.87	2.01	6.17	2.04	6.46	2.08	6.61	2.10	7.05	2.15	7.35	2.18
	35.0	5.69	2.09	5.99	2.12	6.28	2.15	6.43	2.17	6.87	2.22	7.17	2.26
	40.0	5.39	2.22	5.69	2.25	5.98	2.29	6.13	2.31	6.57	2.36	6.87	2.39
	43.0	5.21	2.30	5.51	2.34	5.80	2.37	5.95	2.39	6.40	2.44	6.69	2.48
	46.0	4.76	2.08	5.00	2.08	5.23	2.08	5.34	2.08	5.67	2.08	5.88	2.08
2.5+3.5+3.5	22.0	6.50	1.78	6.80	1.81	7.09	1.84	7.24	1.86	7.69	1.91	7.99	1.95
	25.0	6.32	1.84	6.62	1.87	6.91	1.91	7.06	1.93	7.51	1.98	7.81	2.01
	32.0	5.90	2.00	6.19	2.04	6.49	2.07	6.64	2.09	7.09	2.14	7.38	2.17
	35.0	5.72	2.08	6.01	2.11	6.31	2.15	6.46	2.16	6.91	2.21	7.20	2.25
	40.0	5.42	2.21	5.71	2.24	6.01	2.28	6.16	2.29	6.61	2.35	6.90	2.38
	43.0	5.23	2.29	5.53	2.33	5.83	2.36	5.98	2.38	6.43	2.43	6.72	2.47
	46.0	4.79	2.08	5.03	2.08	5.26	2.08	5.37	2.08	5.70	2.08	5.92	2.08

3D050145#2

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS58DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0	22.0	2.63	0.53	3.20	0.65	3.34	0.67	3.41	0.67	3.62	0.69	3.76	0.70
	25.0	2.63	0.57	3.11	0.68	3.25	0.69	3.32	0.70	3.53	0.71	3.67	0.73
	32.0	2.63	0.67	2.91	0.74	3.05	0.75	3.12	0.75	3.34	0.77	3.48	0.78
	35.0	2.63	0.73	2.83	0.76	2.97	0.77	3.04	0.78	3.25	0.80	3.39	0.81
	40.0	2.55	0.80	2.69	0.81	2.83	0.82	2.90	0.83	3.11	0.85	3.25	0.86
	43.0	2.46	0.83	2.60	0.84	2.74	0.85	2.81	0.86	3.02	0.88	3.16	0.89
	46.0	2.38	0.86	2.52	0.87	2.66	0.88	2.73	0.89	2.94	0.91	3.08	0.92
2.5	22.0	2.63	0.53	3.23	0.65	3.57	0.72	3.64	0.72	3.87	0.74	4.02	0.76
	25.0	2.63	0.57	3.23	0.70	3.48	0.74	3.55	0.75	3.78	0.77	3.93	0.78
	32.0	2.63	0.67	3.12	0.79	3.27	0.80	3.34	0.81	3.57	0.83	3.72	0.85
	35.0	2.63	0.73	3.03	0.82	3.18	0.83	3.25	0.84	3.47	0.86	3.62	0.87
	40.0	2.63	0.82	2.87	0.87	3.02	0.89	3.10	0.89	3.32	0.91	3.47	0.93
	43.0	2.63	0.89	2.78	0.91	2.93	0.92	3.01	0.93	3.23	0.95	3.38	0.96
	46.0	2.54	0.93	2.69	0.94	2.84	0.95	2.92	0.96	3.14	0.98	3.29	0.99
3.5	22.0	3.00	0.61	3.68	0.77	4.42	0.94	4.81	1.04	5.42	1.17	5.62	1.19
	25.0	3.00	0.65	3.68	0.82	4.42	1.01	4.81	1.12	5.29	1.21	5.50	1.23
	32.0	3.00	0.77	3.68	0.97	4.42	1.20	4.68	1.28	4.99	1.31	5.20	1.33
	35.0	3.00	0.83	3.68	1.05	4.42	1.30	4.55	1.32	4.86	1.35	5.07	1.37
	40.0	3.00	0.94	3.68	1.20	4.23	1.39	4.34	1.40	4.65	1.43	4.86	1.46
	43.0	3.00	1.03	3.68	1.30	4.11	1.44	4.21	1.45	4.53	1.49	4.74	1.51
	46.0	3.00	1.12	3.68	1.42	3.98	1.50	4.08	1.51	4.40	1.54	4.61	1.56
5.0	22.0	4.33	1.20	5.32	1.58	5.71	1.69	5.83	1.71	6.19	1.75	6.43	1.79
	25.0	4.33	1.30	5.32	1.71	5.56	1.75	5.68	1.76	6.04	1.81	6.28	1.84
	32.0	4.33	1.56	4.99	1.87	5.23	1.90	5.35	1.91	5.70	1.96	5.94	1.99
	35.0	4.33	1.71	4.84	1.93	5.08	1.97	5.20	1.98	5.56	2.03	5.80	2.06
	40.0	4.33	2.00	4.60	2.06	4.84	2.09	4.96	2.10	5.32	2.15	5.56	2.18
	43.0	4.21	2.10	4.45	2.13	4.69	2.16	4.81	2.18	5.17	2.23	5.41	2.26
	46.0	4.00	2.08	4.21	2.08	4.42	2.08	4.52	2.08	4.81	2.08	5.00	2.08
2.0+2.0	22.0	5.08	1.27	5.31	1.29	5.55	1.31	5.66	1.33	6.01	1.36	6.24	1.39
	25.0	4.94	1.31	5.17	1.34	5.40	1.36	5.52	1.37	5.87	1.41	6.10	1.43
	32.0	4.61	1.43	4.84	1.45	5.07	1.48	5.19	1.49	5.54	1.53	5.77	1.55
	35.0	4.47	1.48	4.70	1.50	4.93	1.53	5.05	1.54	5.40	1.58	5.63	1.60
	40.0	4.23	1.57	4.47	1.60	4.70	1.62	4.81	1.64	5.16	1.67	5.40	1.70
	43.0	4.09	1.63	4.32	1.66	4.56	1.68	4.67	1.70	5.02	1.73	5.26	1.76
	46.0	3.95	1.70	4.18	1.72	4.42	1.75	4.53	1.76	4.88	1.80	5.11	1.82
2.0+2.5	22.0	5.26	1.32	5.81	1.47	6.06	1.49	6.19	1.51	6.57	1.55	6.82	1.58
	25.0	5.26	1.43	5.65	1.52	5.91	1.55	6.03	1.56	6.42	1.60	6.67	1.63
	32.0	5.04	1.62	5.29	1.65	5.55	1.68	5.67	1.69	6.06	1.73	6.31	1.76
	35.0	4.88	1.68	5.14	1.71	5.39	1.74	5.52	1.75	5.90	1.79	6.16	1.82
	40.0	4.63	1.79	4.88	1.82	5.14	1.85	5.26	1.86	5.64	1.90	5.90	1.93
	43.0	4.47	1.86	4.73	1.89	4.98	1.91	5.11	1.93	5.49	1.97	5.74	2.00
	46.0	4.32	1.93	4.57	1.96	4.83	1.98	4.95	2.00	5.34	2.04	5.59	2.07
2.0+3.5	22.0	5.63	1.43	6.56	1.75	6.85	1.78	7.00	1.80	7.43	1.85	7.71	1.88
	25.0	5.63	1.55	6.39	1.81	6.68	1.85	6.82	1.86	7.25	1.91	7.54	1.95
	32.0	5.63	1.90	5.98	1.97	6.27	2.00	6.41	2.02	6.85	2.07	7.13	2.10
	35.0	5.52	2.01	5.81	2.04	6.10	2.08	6.24	2.09	6.67	2.14	6.96	2.18
	40.0	5.23	2.14	5.52	2.17	5.81	2.20	5.95	2.22	6.38	2.27	6.67	2.30
	43.0	5.06	2.22	5.34	2.25	5.63	2.29	5.78	2.30	6.21	2.35	6.49	2.39
	46.0	4.69	2.08	4.92	2.08	5.15	2.08	5.26	2.08	5.59	2.08	5.81	2.08
2.0+5.0	22.0	6.44	1.90	6.73	1.94	7.03	1.97	7.17	1.99	7.62	2.05	7.91	2.08
	25.0	6.26	1.97	6.55	2.00	6.85	2.04	7.00	2.06	7.44	2.11	7.73	2.15
	32.0	5.84	2.14	6.14	2.18	6.43	2.21	6.58	2.23	7.02	2.29	7.32	2.32
	35.0	5.66	2.22	5.96	2.26	6.25	2.29	6.40	2.31	6.84	2.37	7.14	2.40
	40.0	5.36	2.36	5.66	2.40	5.95	2.44	6.10	2.45	6.54	2.51	6.84	2.55
	43.0	5.19	2.45	5.48	2.49	5.78	2.53	5.92	2.54	6.37	2.60	6.66	2.64
	46.0	4.67	2.08	4.90	2.08	5.12	2.08	5.22	2.08	5.54	2.08	5.75	2.08
2.5+2.5	22.0	5.26	1.30	6.28	1.65	6.56	1.68	6.69	1.70	7.11	1.75	7.38	1.78
	25.0	5.26	1.41	6.11	1.71	6.39	1.74	6.53	1.76	6.94	1.80	7.21	1.83
	32.0	5.26	1.71	5.72	1.86	6.00	1.89	6.14	1.90	6.55	1.95	6.82	1.98
	35.0	5.26	1.88	5.56	1.92	5.83	1.96	5.97	1.97	6.38	2.02	6.66	2.05
	40.0	5.00	2.01	5.28	2.05	5.55	2.08	5.69	2.09	6.10	2.14	6.38	2.17
	43.0	4.84	2.09	5.11	2.12	5.39	2.15	5.53	2.17	5.94	2.22	6.21	2.25
	46.0	4.59	2.08	4.82	2.08	5.05	2.08	5.16	2.08	5.49	2.08	5.71	2.08

3D050146#1

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS58DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+3.5	22.0	5.63	1.43	6.68	1.81	6.97	1.84	7.12	1.86	7.56	1.91	7.85	1.95
	25.0	5.63	1.55	6.50	1.87	6.80	1.91	6.94	1.93	7.38	1.98	7.67	2.01
	32.0	5.63	1.90	6.09	2.04	6.38	2.07	6.53	2.09	6.97	2.14	7.26	2.17
	35.0	5.62	2.08	5.91	2.11	6.20	2.15	6.35	2.16	6.79	2.21	7.08	2.25
	40.0	5.32	2.21	5.62	2.24	5.91	2.28	6.05	2.29	6.49	2.35	6.79	2.38
	43.0	5.15	2.29	5.44	2.33	5.73	2.36	5.88	2.38	6.32	2.43	6.61	2.47
	46.0	4.71	2.08	4.95	2.08	5.17	2.08	5.29	2.08	5.61	2.08	5.83	2.08
2.5+5.0	22.0	6.49	1.92	6.79	1.96	7.08	2.00	7.23	2.02	7.68	2.07	7.97	2.11
	25.0	6.31	1.99	6.60	2.03	6.90	2.07	7.05	2.09	7.50	2.14	7.79	2.18
	32.0	5.89	2.17	6.18	2.21	6.48	2.24	6.63	2.26	7.08	2.32	7.37	2.35
	35.0	5.71	2.25	6.00	2.29	6.30	2.32	6.45	2.34	6.90	2.40	7.19	2.44
	40.0	5.41	2.39	5.70	2.43	6.00	2.47	6.15	2.49	6.60	2.54	6.89	2.58
	43.0	5.23	2.48	5.52	2.52	5.82	2.56	5.97	2.58	6.42	2.63	6.69	2.65
	46.0	4.69	2.08	4.92	2.08	5.13	2.08	5.24	2.08	5.56	2.08	5.77	2.08
3.5+3.5	22.0	6.00	1.57	6.73	1.81	7.03	1.84	7.17	1.86	7.62	1.91	7.91	1.95
	25.0	6.00	1.71	6.55	1.87	6.85	1.91	7.00	1.93	7.44	1.98	7.73	2.01
	32.0	5.84	2.00	6.14	2.04	6.43	2.07	6.58	2.09	7.02	2.14	7.32	2.17
	35.0	5.66	2.08	5.96	2.11	6.25	2.15	6.40	2.16	6.84	2.21	7.14	2.25
	40.0	5.36	2.21	5.66	2.24	5.95	2.28	6.10	2.29	6.54	2.35	6.84	2.38
	43.0	5.19	2.29	5.48	2.33	5.78	2.36	5.92	2.38	6.37	2.43	6.66	2.47
	46.0	4.75	2.08	4.98	2.08	5.21	2.08	5.32	2.08	5.65	2.08	5.87	2.08
3.5+5.0	22.0	6.54	1.93	6.84	1.97	7.14	2.01	7.29	2.03	7.74	2.08	8.04	2.12
	25.0	6.36	2.00	6.66	2.04	6.96	2.08	7.11	2.09	7.55	2.15	7.85	2.19
	32.0	5.93	2.18	6.23	2.21	6.53	2.25	6.68	2.27	7.13	2.33	7.43	2.36
	35.0	5.75	2.26	6.05	2.30	6.35	2.33	6.50	2.35	6.95	2.41	7.25	2.45
	40.0	5.45	2.40	5.75	2.44	6.05	2.48	6.20	2.50	6.65	2.55	6.95	2.59
	43.0	5.27	2.49	5.57	2.53	5.87	2.57	6.02	2.59	6.46	2.64	6.73	2.65
	46.0	4.72	2.08	4.94	2.08	5.16	2.08	5.27	2.08	5.59	2.08	5.80	2.08
5.0+5.0	22.0	6.64	1.95	6.94	1.99	7.25	2.02	7.40	2.04	7.86	2.10	8.16	2.14
	25.0	6.45	2.02	6.76	2.06	7.06	2.09	7.21	2.11	7.67	2.17	7.97	2.21
	32.0	6.02	2.20	6.33	2.23	6.63	2.27	6.78	2.29	7.24	2.35	7.54	2.38
	35.0	5.84	2.28	6.14	2.32	6.45	2.35	6.60	2.37	7.06	2.43	7.36	2.47
	40.0	5.53	2.42	5.84	2.46	6.14	2.50	6.29	2.52	6.75	2.57	7.05	2.61
	43.0	5.35	2.52	5.65	2.55	5.96	2.59	6.11	2.61	6.55	2.65	6.82	2.65
	46.0	4.77	2.08	5.00	2.08	5.22	2.08	5.33	2.08	5.65	2.08	5.86	2.08
2.0+2.0+2.0	22.0	6.49	1.81	6.79	1.84	7.08	1.88	7.23	1.90	7.68	1.95	7.97	1.98
	25.0	6.31	1.87	6.60	1.91	6.90	1.94	7.05	1.96	7.50	2.01	7.79	2.05
	32.0	5.89	2.04	6.18	2.07	6.48	2.11	6.63	2.13	7.08	2.18	7.37	2.21
	35.0	5.71	2.11	6.00	2.15	6.30	2.18	6.45	2.20	6.90	2.26	7.19	2.29
	40.0	5.41	2.25	5.70	2.28	6.00	2.32	6.15	2.34	6.60	2.39	6.89	2.43
	43.0	5.23	2.34	5.52	2.37	5.82	2.41	5.97	2.42	6.42	2.48	6.71	2.51
	46.0	4.76	2.08	4.99	2.08	5.22	2.08	5.33	2.08	5.66	2.08	5.87	2.08
2.0+2.0+2.5	22.0	6.49	1.81	6.79	1.84	7.08	1.88	7.23	1.90	7.68	1.95	7.97	1.98
	25.0	6.31	1.87	6.60	1.91	6.90	1.94	7.05	1.96	7.50	2.01	7.79	2.05
	32.0	5.89	2.04	6.18	2.07	6.48	2.11	6.63	2.13	7.08	2.18	7.37	2.21
	35.0	5.71	2.11	6.00	2.15	6.30	2.18	6.45	2.20	6.90	2.26	7.19	2.29
	40.0	5.41	2.25	5.70	2.28	6.00	2.32	6.15	2.34	6.60	2.39	6.89	2.43
	43.0	5.23	2.34	5.52	2.37	5.82	2.41	5.97	2.42	6.42	2.48	6.71	2.51
	46.0	4.76	2.08	4.99	2.08	5.22	2.08	5.33	2.08	5.66	2.08	5.87	2.08
2.0+2.0+3.5	22.0	6.49	1.81	6.79	1.84	7.08	1.88	7.23	1.90	7.68	1.95	7.97	1.98
	25.0	6.31	1.87	6.60	1.91	6.90	1.94	7.05	1.96	7.50	2.01	7.79	2.05
	32.0	5.89	2.04	6.18	2.07	6.48	2.11	6.63	2.13	7.08	2.18	7.37	2.21
	35.0	5.71	2.11	6.00	2.15	6.30	2.18	6.45	2.20	6.90	2.26	7.19	2.29
	40.0	5.41	2.25	5.70	2.28	6.00	2.32	6.15	2.34	6.60	2.39	6.89	2.43
	43.0	5.23	2.34	5.52	2.37	5.82	2.41	5.97	2.42	6.42	2.48	6.71	2.51
	46.0	4.76	2.08	4.99	2.08	5.22	2.08	5.33	2.08	5.66	2.08	5.87	2.08
2.0+2.0+5.0	22.0	6.64	1.95	6.94	1.99	7.25	2.02	7.40	2.04	7.86	2.10	8.16	2.14
	25.0	6.45	2.02	6.76	2.06	7.06	2.09	7.21	2.11	7.67	2.17	7.97	2.21
	32.0	6.02	2.20	6.33	2.23	6.63	2.27	6.78	2.29	7.24	2.35	7.54	2.38
	35.0	5.84	2.28	6.14	2.32	6.45	2.35	6.60	2.37	7.06	2.43	7.36	2.47
	40.0	5.53	2.42	5.84	2.46	6.14	2.50	6.29	2.52	6.75	2.57	7.05	2.61
	43.0	5.35	2.52	5.65	2.55	5.96	2.59	6.11	2.61	6.55	2.65	6.82	2.65
	46.0	4.77	2.08	5.00	2.08	5.22	2.08	5.33	2.08	5.65	2.08	5.86	2.08

3D050146#2

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS58DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+2.5	22.0	6.49	1.81	6.79	1.84	7.08	1.88	7.23	1.90	7.68	1.95	7.97	1.98
	25.0	6.31	1.87	6.60	1.91	6.90	1.94	7.05	1.96	7.50	2.01	7.79	2.05
	32.0	5.89	2.04	6.18	2.07	6.48	2.11	6.63	2.13	7.08	2.18	7.37	2.21
	35.0	5.71	2.11	6.00	2.15	6.30	2.18	6.45	2.20	6.90	2.26	7.19	2.29
	40.0	5.41	2.25	5.70	2.28	6.00	2.32	6.15	2.34	6.60	2.39	6.89	2.43
	43.0	5.23	2.34	5.52	2.37	5.82	2.41	5.97	2.42	6.42	2.48	6.71	2.51
	46.0	4.76	2.08	4.99	2.08	5.22	2.08	5.33	2.08	5.66	2.08	5.87	2.08
2.0+2.5+3.5	22.0	6.54	1.81	6.84	1.84	7.14	1.88	7.29	1.90	7.74	1.95	8.04	1.98
	25.0	6.36	1.87	6.66	1.91	6.96	1.94	7.11	1.96	7.55	2.01	7.85	2.05
	32.0	5.93	2.04	6.23	2.07	6.53	2.11	6.68	2.13	7.13	2.18	7.43	2.21
	35.0	5.75	2.11	6.05	2.15	6.35	2.18	6.50	2.20	6.95	2.26	7.25	2.29
	40.0	5.45	2.25	5.75	2.28	6.05	2.32	6.20	2.34	6.65	2.39	6.95	2.43
	43.0	5.27	2.34	5.57	2.37	5.87	2.41	6.02	2.42	6.46	2.48	6.76	2.51
	46.0	4.79	2.08	5.03	2.08	5.25	2.08	5.37	2.08	5.70	2.08	5.91	2.08
2.0+2.5+5.0	22.0	6.64	1.95	6.94	1.99	7.25	2.02	7.40	2.04	7.86	2.10	8.16	2.14
	25.0	6.45	2.02	6.76	2.06	7.06	2.09	7.21	2.11	7.67	2.17	7.97	2.21
	32.0	6.02	2.20	6.33	2.23	6.63	2.27	6.78	2.29	7.24	2.35	7.54	2.38
	35.0	5.84	2.28	6.14	2.32	6.45	2.35	6.60	2.37	7.06	2.43	7.36	2.47
	40.0	5.53	2.42	5.84	2.46	6.14	2.50	6.29	2.52	6.75	2.57	7.05	2.61
	43.0	5.35	2.52	5.65	2.55	5.96	2.59	6.11	2.61	6.55	2.65	6.82	2.65
	46.0	4.77	2.08	5.00	2.08	5.22	2.08	5.33	2.08	5.65	2.08	5.86	2.08
2.0+3.5+3.5	22.0	6.59	1.86	6.89	1.89	7.19	1.93	7.34	1.95	7.80	2.00	8.10	2.04
	25.0	6.41	1.92	6.71	1.96	7.01	2.00	7.16	2.01	7.61	2.07	7.91	2.10
	32.0	5.98	2.09	6.28	2.13	6.58	2.17	6.73	2.18	7.19	2.24	7.49	2.27
	35.0	5.80	2.17	6.10	2.21	6.40	2.24	6.55	2.26	7.00	2.32	7.30	2.35
	40.0	5.49	2.31	5.79	2.35	6.09	2.38	6.25	2.40	6.70	2.46	7.00	2.49
	43.0	5.31	2.40	5.61	2.43	5.91	2.47	6.06	2.49	6.51	2.54	6.82	2.58
	46.0	4.79	2.08	5.02	2.08	5.25	2.08	5.36	2.08	5.69	2.08	5.90	2.08
2.5+2.5+2.5	22.0	6.49	1.81	6.79	1.84	7.08	1.88	7.23	1.90	7.68	1.95	7.97	1.98
	25.0	6.31	1.87	6.60	1.91	6.90	1.94	7.05	1.96	7.50	2.01	7.79	2.05
	32.0	5.89	2.04	6.18	2.07	6.48	2.11	6.63	2.13	7.08	2.18	7.37	2.21
	35.0	5.71	2.11	6.00	2.15	6.30	2.18	6.45	2.20	6.90	2.26	7.19	2.29
	40.0	5.41	2.25	5.70	2.28	6.00	2.32	6.15	2.34	6.60	2.39	6.89	2.43
	43.0	5.23	2.34	5.52	2.37	5.82	2.41	5.97	2.42	6.42	2.48	6.71	2.51
	46.0	4.76	2.08	4.99	2.08	5.22	2.08	5.33	2.08	5.66	2.08	5.87	2.08
2.5+2.5+3.5	22.0	6.54	1.85	6.84	1.89	7.14	1.92	7.29	1.94	7.74	1.99	8.04	2.03
	25.0	6.36	1.92	6.66	1.95	6.96	1.99	7.11	2.01	7.55	2.06	7.85	2.10
	32.0	5.93	2.08	6.23	2.12	6.53	2.16	6.68	2.17	7.13	2.23	7.43	2.26
	35.0	5.75	2.16	6.05	2.20	6.35	2.23	6.50	2.25	6.95	2.31	7.25	2.34
	40.0	5.45	2.30	5.75	2.34	6.05	2.37	6.20	2.39	6.65	2.44	6.95	2.48
	43.0	5.27	2.39	5.57	2.42	5.87	2.46	6.02	2.48	6.46	2.53	6.76	2.57
	46.0	4.76	2.08	4.99	2.08	5.22	2.08	5.33	2.08	5.66	2.08	5.87	2.08
2.5+2.5+5.0	22.0	6.64	1.93	6.94	1.97	7.25	2.01	7.40	2.03	7.86	2.08	8.16	2.12
	25.0	6.45	2.00	6.76	2.04	7.06	2.08	7.21	2.09	7.67	2.15	7.97	2.19
	32.0	6.02	2.18	6.33	2.21	6.63	2.25	6.78	2.27	7.24	2.33	7.54	2.36
	35.0	5.84	2.26	6.14	2.30	6.45	2.33	6.60	2.35	7.06	2.41	7.36	2.45
	40.0	5.53	2.40	5.84	2.44	6.14	2.48	6.29	2.50	6.75	2.55	7.05	2.59
	43.0	5.35	2.49	5.65	2.53	5.96	2.57	6.11	2.59	6.56	2.64	6.84	2.65
	46.0	4.78	2.08	5.01	2.08	5.23	2.08	5.34	2.08	5.66	2.08	5.87	2.08
2.5+3.5+3.5	22.0	6.59	1.85	6.89	1.89	7.19	1.92	7.34	1.94	7.80	1.99	8.10	2.03
	25.0	6.41	1.92	6.71	1.95	7.01	1.99	7.16	2.01	7.61	2.06	7.91	2.10
	32.0	5.98	2.08	6.28	2.12	6.58	2.16	6.73	2.17	7.19	2.23	7.49	2.26
	35.0	5.80	2.16	6.10	2.20	6.40	2.23	6.55	2.25	7.00	2.31	7.30	2.34
	40.0	5.49	2.30	5.79	2.34	6.09	2.37	6.25	2.39	6.70	2.44	7.00	2.48
	43.0	5.31	2.39	5.61	2.42	5.91	2.46	6.06	2.48	6.51	2.53	6.82	2.57
	46.0	4.80	2.08	5.03	2.08	5.26	2.08	5.37	2.08	5.70	2.08	5.91	2.08
2.0+2.0+2.0+2.0	22.0	6.64	1.82	6.94	1.85	7.25	1.89	7.40	1.90	7.86	1.96	8.16	1.99
	25.0	6.45	1.88	6.76	1.92	7.06	1.95	7.21	1.97	7.67	2.02	7.97	2.06
	32.0	6.02	2.05	6.33	2.08	6.63	2.12	6.78	2.14	7.24	2.19	7.54	2.22
	35.0	5.84	2.12	6.14	2.16	6.45	2.19	6.60	2.21	7.06	2.27	7.36	2.30
	40.0	5.53	2.26	5.84	2.30	6.14	2.33	6.29	2.35	6.75	2.40	7.05	2.44
	43.0	5.35	2.35	5.65	2.38	5.96	2.42	6.11	2.43	6.56	2.49	6.87	2.52
	46.0	4.85	2.08	5.09	2.08	5.32	2.08	5.43	2.08	5.77	2.08	5.98	2.08

3D050146#3

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS58DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0+2.5	22.0	6.64	1.84	6.94	1.88	7.25	1.91	7.40	1.93	7.86	1.98	8.16	2.02
	25.0	6.45	1.91	6.76	1.94	7.06	1.98	7.21	2.00	7.67	2.05	7.97	2.09
	32.0	6.02	2.07	6.33	2.11	6.63	2.15	6.78	2.16	7.24	2.22	7.54	2.25
	35.0	5.84	2.15	6.14	2.19	6.45	2.22	6.60	2.24	7.06	2.30	7.36	2.33
	40.0	5.53	2.29	5.84	2.33	6.14	2.36	6.29	2.38	6.75	2.43	7.05	2.47
	43.0	5.35	2.38	5.65	2.41	5.96	2.45	6.11	2.47	6.56	2.52	6.87	2.56
	46.0	4.83	2.08	5.07	2.08	5.30	2.08	5.41	2.08	5.74	2.08	5.96	2.08
2.0+2.0+2.0+3.5	22.0	6.64	1.83	6.94	1.87	7.25	1.90	7.40	1.92	7.86	1.98	8.16	2.01
	25.0	6.45	1.90	6.76	1.93	7.06	1.97	7.21	1.99	7.67	2.04	7.97	2.08
	32.0	6.02	2.07	6.33	2.10	6.63	2.14	6.78	2.15	7.24	2.21	7.54	2.24
	35.0	5.84	2.14	6.14	2.18	6.45	2.21	6.60	2.23	7.06	2.29	7.36	2.32
	40.0	5.53	2.28	5.84	2.32	6.14	2.35	6.29	2.37	6.75	2.42	7.05	2.46
	43.0	5.35	2.37	5.65	2.40	5.96	2.44	6.11	2.46	6.56	2.51	6.87	2.55
	46.0	4.84	2.08	5.08	2.08	5.31	2.08	5.42	2.08	5.75	2.08	5.97	2.08
2.0+2.0+2.5+2.5	22.0	6.64	1.83	6.94	1.87	7.25	1.90	7.40	1.92	7.86	1.98	8.16	2.01
	25.0	6.45	1.90	6.76	1.93	7.06	1.97	7.21	1.99	7.67	2.04	7.97	2.08
	32.0	6.02	2.07	6.33	2.10	6.63	2.14	6.78	2.15	7.24	2.21	7.54	2.24
	35.0	5.84	2.14	6.14	2.18	6.45	2.21	6.60	2.23	7.06	2.29	7.36	2.32
	40.0	5.53	2.28	5.84	2.32	6.14	2.35	6.29	2.37	6.75	2.42	7.05	2.46
	43.0	5.35	2.37	5.65	2.40	5.96	2.44	6.11	2.46	6.56	2.51	6.87	2.55
	46.0	4.84	2.08	5.08	2.08	5.31	2.08	5.42	2.08	5.75	2.08	5.97	2.08
2.0+2.0+2.5+3.5	22.0	6.64	1.82	6.94	1.86	7.25	1.90	7.40	1.91	7.86	1.97	8.16	2.00
	25.0	6.45	1.89	6.76	1.93	7.06	1.96	7.21	1.98	7.67	2.03	7.97	2.07
	32.0	6.02	2.06	6.33	2.09	6.63	2.13	6.78	2.15	7.24	2.20	7.54	2.23
	35.0	5.84	2.13	6.14	2.17	6.45	2.20	6.60	2.22	7.06	2.28	7.36	2.31
	40.0	5.53	2.27	5.84	2.31	6.14	2.34	6.29	2.36	6.75	2.41	7.05	2.45
	43.0	5.35	2.36	5.65	2.39	5.96	2.43	6.11	2.45	6.56	2.50	6.87	2.53
	46.0	4.85	2.08	5.08	2.08	5.31	2.08	5.43	2.08	5.76	2.08	5.97	2.08
2.0+2.5+2.5+2.5	22.0	6.64	1.82	6.94	1.86	7.25	1.90	7.40	1.91	7.86	1.97	8.16	2.00
	25.0	6.45	1.89	6.76	1.93	7.06	1.96	7.21	1.98	7.67	2.03	7.97	2.07
	32.0	6.02	2.06	6.33	2.09	6.63	2.13	6.78	2.15	7.24	2.20	7.54	2.23
	35.0	5.84	2.13	6.14	2.17	6.45	2.20	6.60	2.22	7.06	2.28	7.36	2.31
	40.0	5.53	2.27	5.84	2.31	6.14	2.34	6.29	2.36	6.75	2.41	7.05	2.45
	43.0	5.35	2.36	5.65	2.39	5.96	2.43	6.11	2.45	6.56	2.50	6.87	2.53
	46.0	4.85	2.08	5.08	2.08	5.31	2.08	5.43	2.08	5.76	2.08	5.97	2.08
2.5+2.5+2.5+2.5	22.0	6.64	1.82	6.94	1.85	7.25	1.89	7.40	1.90	7.86	1.96	8.16	1.99
	25.0	6.45	1.88	6.76	1.92	7.06	1.95	7.21	1.97	7.67	2.02	7.97	2.06
	32.0	6.02	2.05	6.33	2.08	6.63	2.12	6.78	2.14	7.24	2.19	7.54	2.22
	35.0	5.84	2.12	6.14	2.16	6.45	2.19	6.60	2.21	7.06	2.27	7.36	2.30
	40.0	5.53	2.26	5.84	2.30	6.14	2.33	6.29	2.35	6.75	2.40	7.05	2.44
	43.0	5.35	2.35	5.65	2.38	5.96	2.42	6.11	2.43	6.56	2.49	6.87	2.52
	46.0	4.85	2.08	5.09	2.08	5.32	2.08	5.43	2.08	5.77	2.08	5.98	2.08

3D050146#4

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS75DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0	22.0	2.63	0.57	3.11	0.68	3.25	0.69	3.32	0.70	3.52	0.72	3.66	0.73
	25.0	2.63	0.61	3.03	0.70	3.17	0.72	3.24	0.72	3.44	0.74	3.58	0.75
	32.0	2.63	0.72	2.84	0.76	2.97	0.78	3.04	0.78	3.25	0.80	3.38	0.82
	35.0	2.62	0.78	2.76	0.79	2.89	0.80	2.96	0.81	3.16	0.83	3.30	0.84
	40.0	2.48	0.83	2.62	0.84	2.75	0.85	2.82	0.86	3.03	0.88	3.16	0.89
	43.0	2.40	0.86	2.53	0.87	2.67	0.89	2.74	0.89	2.94	0.91	3.08	0.92
	46.0	2.32	0.89	2.45	0.91	2.59	0.92	2.66	0.92	2.86	0.94	3.00	0.96
2.5	22.0	2.63	0.57	3.23	0.69	3.73	0.80	3.81	0.81	4.05	0.83	4.20	0.85
	25.0	2.63	0.61	3.23	0.74	3.64	0.83	3.72	0.84	3.95	0.86	4.11	0.88
	32.0	2.63	0.72	3.23	0.87	3.42	0.90	3.49	0.91	3.73	0.93	3.89	0.95
	35.0	2.63	0.75	3.17	0.92	3.32	0.93	3.40	0.94	3.63	0.96	3.79	0.98
	40.0	2.63	0.86	3.01	0.98	3.16	0.99	3.24	1.00	3.48	1.02	3.63	1.04
	43.0	2.63	0.93	2.91	1.01	3.07	1.03	3.15	1.04	3.38	1.06	3.54	1.07
	46.0	2.63	1.02	2.82	1.05	2.97	1.07	3.05	1.07	3.29	1.10	3.44	1.11
3.5	22.0	3.00	0.62	3.68	0.78	4.42	0.96	4.81	1.07	5.65	1.28	5.87	1.30
	25.0	3.00	0.67	3.68	0.84	4.42	1.03	4.81	1.14	5.52	1.32	5.74	1.34
	32.0	3.00	0.78	3.68	0.99	4.42	1.22	4.81	1.36	5.21	1.43	5.43	1.45
	35.0	3.00	0.84	3.68	1.07	4.42	1.32	4.75	1.44	5.08	1.48	5.30	1.50
	40.0	3.00	0.96	3.68	1.22	4.42	1.52	4.53	1.53	4.86	1.56	5.08	1.59
	43.0	3.00	1.04	3.68	1.32	4.29	1.57	4.40	1.59	4.72	1.62	4.94	1.64
	46.0	3.00	1.13	3.68	1.44	4.15	1.63	4.26	1.64	4.59	1.68	4.81	1.70
5.0	22.0	4.33	1.25	5.32	1.64	5.71	1.76	5.83	1.78	6.19	1.82	6.43	1.86
	25.0	4.33	1.34	5.32	1.78	5.56	1.82	5.68	1.84	6.04	1.89	6.28	1.92
	32.0	4.33	1.62	4.99	1.94	5.23	1.97	5.35	1.99	5.70	2.04	5.94	2.07
	35.0	4.33	1.77	4.84	2.01	5.08	2.05	5.20	2.06	5.56	2.11	5.80	2.14
	40.0	4.33	2.08	4.60	2.14	4.84	2.17	4.96	2.19	5.32	2.24	5.56	2.27
	43.0	4.21	2.19	4.45	2.22	4.69	2.25	4.81	2.27	5.17	2.32	5.41	2.35
	46.0	4.02	2.17	4.23	2.17	4.44	2.17	4.54	2.17	4.85	2.17	5.04	2.17
6.0	22.0	5.60	1.49	6.74	1.94	7.04	1.98	7.19	2.00	7.63	2.06	7.92	2.09
	25.0	5.60	1.62	6.56	2.01	6.86	2.05	7.01	2.07	7.45	2.12	7.75	2.16
	32.0	5.60	1.98	6.15	2.19	6.44	2.22	6.59	2.24	7.03	2.30	7.33	2.33
	35.0	5.60	2.18	5.97	2.27	6.26	2.30	6.41	2.32	6.85	2.38	7.15	2.42
	40.0	5.37	2.37	5.67	2.41	5.96	2.45	6.11	2.46	6.55	2.52	6.85	2.56
	43.0	5.19	2.46	5.49	2.50	5.78	2.54	5.93	2.56	6.38	2.61	6.67	2.65
	46.0	4.76	2.17	5.00	2.17	5.23	2.17	5.34	2.17	5.67	2.17	5.88	2.17
7.1	22.0	5.94	1.65	7.29	2.25	7.85	2.44	8.02	2.46	8.51	2.53	8.84	2.58
	25.0	5.94	1.78	7.29	2.46	7.65	2.53	7.82	2.55	8.31	2.62	8.64	2.66
	32.0	5.94	2.18	6.86	2.70	7.19	2.74	7.35	2.76	7.84	2.83	8.17	2.88
	35.0	5.94	2.40	6.66	2.79	6.99	2.84	7.15	2.86	7.64	2.93	7.97	2.98
	40.0	5.94	2.86	6.32	2.97	6.65	3.02	6.82	3.04	7.31	3.11	7.64	3.15
	43.0	5.72	2.75	6.01	2.75	6.30	2.75	6.44	2.75	6.85	2.75	7.12	2.75
	46.0	5.13	2.17	5.36	2.17	5.57	2.17	5.68	2.17	6.02	2.17	6.23	2.17
2.0+2.0	22.0	5.19	1.36	5.43	1.39	5.67	1.42	5.78	1.43	6.14	1.47	6.38	1.50
	25.0	5.05	1.41	5.28	1.44	5.52	1.47	5.64	1.48	6.00	1.52	6.23	1.55
	32.0	4.71	1.54	4.95	1.56	5.19	1.59	5.30	1.60	5.66	1.64	5.90	1.67
	35.0	4.57	1.60	4.80	1.62	5.04	1.65	5.16	1.66	5.52	1.70	5.75	1.73
	40.0	4.33	1.70	4.56	1.72	4.80	1.75	4.92	1.76	5.28	1.80	5.51	1.83
	43.0	4.18	1.76	4.42	1.79	4.66	1.82	4.78	1.83	5.13	1.87	5.37	1.89
	46.0	4.04	1.83	4.27	1.86	4.51	1.88	4.63	1.90	4.99	1.94	5.23	1.96
2.0+2.5	22.0	5.26	1.39	5.93	1.60	6.19	1.63	6.32	1.65	6.71	1.69	6.97	1.72
	25.0	5.26	1.50	5.78	1.66	6.04	1.69	6.17	1.70	6.55	1.75	6.81	1.78
	32.0	5.15	1.77	5.41	1.80	5.67	1.83	5.80	1.85	6.19	1.89	6.45	1.92
	35.0	4.99	1.84	5.25	1.87	5.51	1.90	5.64	1.91	6.03	1.96	6.29	1.99
	40.0	4.73	1.95	4.99	1.98	5.25	2.01	5.38	2.03	5.77	2.08	6.03	2.11
	43.0	4.57	2.03	4.83	2.06	5.09	2.09	5.22	2.10	5.61	2.15	5.87	2.18
	46.0	4.41	2.10	4.67	2.14	4.93	2.17	5.05	2.17	5.39	2.17	5.61	2.17
2.0+3.5	22.0	5.63	1.64	6.54	2.01	6.83	2.05	6.97	2.07	7.40	2.13	7.69	2.16
	25.0	5.63	1.77	6.37	2.08	6.66	2.12	6.80	2.14	7.23	2.20	7.52	2.24
	32.0	5.63	2.19	5.96	2.26	6.25	2.30	6.39	2.32	6.82	2.38	7.11	2.42
	35.0	5.50	2.31	5.79	2.34	6.08	2.38	6.22	2.40	6.65	2.46	6.94	2.50
	40.0	5.21	2.45	5.50	2.49	5.79	2.53	5.93	2.55	6.36	2.61	6.65	2.65
	43.0	5.04	2.55	5.33	2.59	5.61	2.62	5.76	2.64	6.19	2.70	6.47	2.74
	46.0	4.61	2.17	4.84	2.17	5.06	2.17	5.17	2.17	5.48	2.17	5.69	2.17

3D050147#1

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS75DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+5.0	22.0	6.96	2.15	7.52	2.34	7.85	2.38	8.02	2.40	8.51	2.47	8.84	2.52
	25.0	6.96	2.35	7.32	2.42	7.65	2.46	7.82	2.49	8.31	2.55	8.64	2.60
	32.0	6.53	2.58	6.86	2.63	7.19	2.67	7.35	2.70	7.84	2.76	8.17	2.81
	35.0	6.33	2.68	6.66	2.73	6.99	2.77	7.15	2.79	7.64	2.86	7.97	2.90
	40.0	5.99	2.85	6.32	2.90	6.65	2.94	6.82	2.96	7.31	3.03	7.64	3.08
	43.0	5.73	2.75	6.03	2.75	6.31	2.75	6.46	2.75	6.87	2.75	7.15	2.75
	46.0	5.13	2.17	5.36	2.17	5.58	2.17	5.70	2.17	6.02	2.17	6.24	2.17
2.0+6.0	22.0	7.47	2.16	7.82	2.20	8.16	2.25	8.33	2.27	8.84	2.33	9.19	2.37
	25.0	7.27	2.24	7.61	2.28	7.95	2.32	8.12	2.34	8.64	2.41	8.98	2.45
	32.0	6.78	2.44	7.12	2.48	7.47	2.52	7.64	2.54	8.15	2.60	8.49	2.65
	35.0	6.57	2.53	6.92	2.57	7.26	2.61	7.43	2.63	7.94	2.70	8.29	2.74
	40.0	6.23	2.69	6.57	2.73	6.91	2.77	7.08	2.79	7.60	2.86	7.94	2.90
	43.0	6.00	2.75	6.32	2.75	6.62	2.75	6.77	2.75	7.22	2.75	7.50	2.75
	46.0	5.30	2.17	5.55	2.17	5.79	2.17	5.91	2.17	6.25	2.17	6.48	2.17
2.0+7.1	22.0	7.91	2.44	8.27	2.49	8.63	2.54	8.81	2.56	9.35	2.63	9.72	2.68
	25.0	7.69	2.53	8.05	2.58	8.41	2.62	8.59	2.65	9.14	2.72	9.50	2.77
	32.0	7.17	2.75	7.54	2.80	7.90	2.85	8.08	2.87	8.62	2.94	8.98	2.99
	35.0	6.95	2.85	7.32	2.90	7.68	2.95	7.86	2.97	8.40	3.04	8.77	3.09
	40.0	6.59	3.04	6.95	3.08	7.31	3.13	7.49	3.16	8.04	3.23	8.40	3.27
	43.0	6.22	2.75	6.53	2.75	6.83	2.75	6.98	2.75	7.41	2.75	7.69	2.75
	46.0	5.51	2.17	5.74	2.17	5.99	2.17	6.11	2.17	6.45	2.17	6.67	2.17
2.5+2.5	22.0	5.26	1.33	6.41	1.75	6.69	1.78	6.83	1.80	7.25	1.85	7.53	1.88
	25.0	5.26	1.44	6.24	1.81	6.52	1.85	6.66	1.86	7.08	1.91	7.36	1.95
	32.0	5.26	1.75	5.84	1.97	6.12	2.00	6.26	2.02	6.68	2.07	6.96	2.10
	35.0	5.26	1.92	5.67	2.04	5.95	2.08	6.09	2.09	6.51	2.14	6.79	2.18
	40.0	5.10	2.14	5.39	2.17	5.67	2.20	5.81	2.22	6.23	2.27	6.51	2.30
	43.0	4.93	2.22	5.22	2.25	5.50	2.29	5.64	2.30	6.06	2.35	6.34	2.39
	46.0	4.66	2.17	4.90	2.17	5.14	2.17	5.25	2.17	5.59	2.17	5.81	2.17
2.5+3.5	22.0	5.63	1.63	6.75	2.13	7.05	2.17	7.20	2.19	7.64	2.25	7.94	2.29
	25.0	5.63	1.77	6.57	2.20	6.87	2.24	7.02	2.26	7.46	2.32	7.76	2.37
	32.0	5.63	2.17	6.16	2.39	6.45	2.43	6.60	2.45	7.04	2.52	7.34	2.56
	35.0	5.63	2.40	5.98	2.48	6.27	2.52	6.42	2.54	6.86	2.60	7.16	2.64
	40.0	5.38	2.60	5.68	2.64	5.97	2.68	6.12	2.70	6.56	2.76	6.86	2.80
	43.0	5.20	2.70	5.50	2.74	5.78	2.75	5.92	2.75	6.32	2.75	6.59	2.75
	46.0	4.71	2.17	4.94	2.17	5.16	2.17	5.26	2.17	5.58	2.17	5.79	2.17
2.5+5.0	22.0	6.96	2.15	7.66	2.43	7.99	2.48	8.16	2.50	8.66	2.57	9.00	2.62
	25.0	6.96	2.36	7.45	2.52	7.79	2.56	7.96	2.58	8.46	2.65	8.80	2.70
	32.0	6.64	2.69	6.98	2.73	7.32	2.78	7.48	2.80	7.99	2.87	8.32	2.92
	35.0	6.44	2.79	6.78	2.83	7.11	2.88	7.28	2.90	7.78	2.97	8.12	3.02
	40.0	6.10	2.97	6.44	3.01	6.77	3.06	6.94	3.08	7.44	3.15	7.78	3.20
	43.0	5.81	2.75	6.11	2.75	6.39	2.75	6.54	2.75	6.95	2.75	7.22	2.75
	46.0	5.20	2.17	5.42	2.17	5.66	2.17	5.77	2.17	6.10	2.17	6.31	2.17
2.5+6.0	22.0	7.66	2.29	8.02	2.34	8.37	2.38	8.54	2.40	9.07	2.47	9.42	2.52
	25.0	7.45	2.38	7.80	2.42	8.15	2.46	8.33	2.49	8.86	2.55	9.21	2.60
	32.0	6.96	2.58	7.31	2.63	7.66	2.67	7.83	2.70	8.36	2.76	8.71	2.81
	35.0	6.74	2.68	7.09	2.73	7.44	2.77	7.62	2.79	8.15	2.86	8.50	2.90
	40.0	6.39	2.85	6.74	2.90	7.09	2.94	7.27	2.96	7.79	3.03	8.14	3.08
	43.0	6.08	2.75	6.39	2.75	6.70	2.75	6.85	2.75	7.28	2.75	7.57	2.75
	46.0	5.39	2.17	5.63	2.17	5.87	2.17	5.98	2.17	6.33	2.17	6.55	2.17
2.5+7.1	22.0	8.03	2.53	8.39	2.58	8.76	2.63	8.95	2.65	9.50	2.73	9.87	2.78
	25.0	7.80	2.62	8.17	2.67	8.54	2.72	8.72	2.75	9.27	2.82	9.64	2.87
	32.0	7.28	2.85	7.65	2.90	8.02	2.95	8.20	2.98	8.75	3.05	9.12	3.10
	35.0	7.06	2.96	7.43	3.01	7.80	3.06	7.98	3.08	8.53	3.16	8.90	3.21
	40.0	6.69	3.15	7.06	3.20	7.42	3.25	7.61	3.27	8.15	3.34	8.50	3.34
	43.0	6.30	2.75	6.60	2.75	6.90	2.75	7.05	2.75	7.48	2.75	7.76	2.75
	46.0	5.59	2.17	5.83	2.17	6.06	2.17	6.17	2.17	6.51	2.17	6.73	2.17
3.5+3.5	22.0	6.00	1.87	7.37	2.60	7.84	2.76	8.00	2.78	8.50	2.86	8.83	2.91
	25.0	6.00	2.03	7.31	2.80	7.64	2.85	7.80	2.88	8.30	2.96	8.63	3.01
	32.0	6.00	2.50	6.85	3.04	7.17	3.10	7.34	3.12	7.83	3.20	8.16	3.25
	35.0	6.00	2.76	6.65	3.16	6.98	3.21	7.14	3.23	7.63	3.31	7.96	3.36
	40.0	5.99	3.30	6.31	3.34	6.64	3.34	6.81	3.34	7.29	3.34	7.60	3.34
	43.0	5.74	2.75	6.02	2.75	6.29	2.75	6.42	2.75	6.82	2.75	7.08	2.75
	46.0	5.18	2.17	5.40	2.17	5.62	2.17	5.72	2.17	6.03	2.17	6.24	2.17

3D050147#2

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS75DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+5.0	22.0	7.33	2.38	8.03	2.66	8.38	2.72	8.55	2.74	9.08	2.82	9.43	2.87
	25.0	7.33	2.61	7.81	2.76	8.16	2.81	8.34	2.83	8.87	2.91	9.22	2.96
	32.0	6.96	2.95	7.32	3.00	7.67	3.05	7.84	3.07	8.37	3.15	8.72	3.20
	35.0	6.75	3.06	7.10	3.11	7.45	3.16	7.63	3.18	8.16	3.26	8.51	3.31
	40.0	6.40	3.25	6.75	3.30	7.10	3.34	7.27	3.34	7.77	3.34	8.10	3.34
	43.0	6.07	2.75	6.36	2.75	6.65	2.75	6.79	2.75	7.20	2.75	7.47	2.75
	46.0	5.43	2.17	5.66	2.17	5.89	2.17	6.00	2.17	6.32	2.17	6.53	2.17
3.5+6.0	22.0	7.98	2.56	8.34	2.61	8.71	2.66	8.89	2.69	9.44	2.76	9.80	2.81
	25.0	7.76	2.66	8.12	2.71	8.49	2.76	8.67	2.78	9.22	2.86	9.58	2.91
	32.0	7.24	2.89	7.60	2.94	7.97	2.99	8.15	3.01	8.70	3.09	9.06	3.14
	35.0	7.02	3.00	7.38	3.05	7.75	3.10	7.93	3.12	8.48	3.20	8.84	3.25
	40.0	6.65	3.19	7.01	3.24	7.38	3.29	7.56	3.31	8.09	3.34	8.43	3.34
	43.0	6.26	2.75	6.57	2.75	6.86	2.75	7.01	2.75	7.44	2.75	7.71	2.75
	46.0	5.56	2.17	5.79	2.17	6.03	2.17	6.14	2.17	6.48	2.17	6.70	2.17
3.5+7.1	22.0	8.28	2.70	8.66	2.76	9.04	2.81	9.23	2.84	9.80	2.91	10.17	2.97
	25.0	8.05	2.80	8.43	2.85	8.81	2.91	9.00	2.93	9.57	3.01	9.94	3.06
	32.0	7.51	3.05	7.89	3.10	8.27	3.15	8.46	3.18	9.03	3.26	9.41	3.31
	35.0	7.28	3.16	7.66	3.21	8.04	3.27	8.23	3.29	8.80	3.37	9.18	3.43
	40.0	6.90	3.34	7.27	3.34	7.63	3.34	7.81	3.34	8.33	3.34	8.67	3.34
	43.0	6.48	2.75	6.78	2.75	7.07	2.75	7.21	2.75	7.64	2.75	7.92	2.75
	46.0	5.75	2.17	5.99	2.17	6.22	2.17	6.33	2.17	6.67	2.17	6.89	2.17
5.0+5.0	22.0	8.13	2.69	8.50	2.74	8.87	2.79	9.06	2.82	9.62	2.90	9.99	2.95
	25.0	7.90	2.78	8.27	2.84	8.65	2.89	8.83	2.91	9.39	2.99	9.76	3.05
	32.0	7.38	3.03	7.75	3.08	8.12	3.13	8.31	3.16	8.86	3.24	9.24	3.29
	35.0	7.15	3.14	7.52	3.19	7.89	3.25	8.08	3.27	8.64	3.35	9.01	3.40
	40.0	6.77	3.34	7.14	3.34	7.50	3.34	7.67	3.34	8.19	3.34	8.53	3.34
	43.0	6.38	2.75	6.68	2.75	6.96	2.75	7.12	2.75	7.53	2.75	7.82	2.75
	46.0	5.67	2.17	5.91	2.17	6.14	2.17	6.25	2.17	6.59	2.17	6.80	2.17
5.0+6.0	22.0	8.36	2.82	8.74	2.87	9.12	2.93	9.32	2.96	9.89	3.04	10.27	3.09
	25.0	8.13	2.92	8.51	2.97	8.89	3.03	9.08	3.06	9.66	3.14	10.04	3.19
	32.0	7.59	3.18	7.97	3.23	8.35	3.29	8.54	3.31	9.12	3.40	9.50	3.45
	35.0	7.35	3.30	7.74	3.35	8.12	3.41	8.31	3.43	8.88	3.52	9.27	3.57
	40.0	6.97	3.34	7.33	3.34	7.69	3.34	7.87	3.34	8.39	3.34	8.72	3.34
	43.0	6.56	2.75	6.86	2.75	7.15	2.75	7.30	2.75	7.72	2.75	8.00	2.75
	46.0	5.83	2.17	6.06	2.17	6.29	2.17	6.41	2.17	6.74	2.17	6.96	2.17
5.0+7.1	22.0	8.52	2.91	8.91	2.97	9.30	3.02	9.50	3.05	10.08	3.14	10.47	3.19
	25.0	8.28	3.01	8.67	3.07	9.06	3.13	9.26	3.16	9.84	3.24	10.23	3.30
	32.0	7.73	3.28	8.12	3.34	8.51	3.39	8.71	3.42	9.29	3.51	9.68	3.56
	35.0	7.49	3.40	7.88	3.46	8.27	3.52	8.47	3.54	9.06	3.63	9.45	3.69
	40.0	7.10	3.34	7.48	3.34	7.84	3.34	8.01	3.34	8.53	3.34	8.87	3.34
	43.0	6.69	2.75	6.99	2.75	7.28	2.75	7.43	2.75	7.85	2.75	8.13	2.75
	46.0	5.94	2.17	6.18	2.17	6.41	2.17	6.52	2.17	6.85	2.17	7.07	2.17
6.0+6.0	22.0	8.52	2.59	8.91	2.64	9.30	2.69	9.50	2.71	10.08	2.79	10.47	2.84
	25.0	8.28	2.68	8.67	2.73	9.06	2.78	9.26	2.81	9.84	2.88	10.23	2.93
	32.0	7.73	2.92	8.12	2.97	8.51	3.02	8.71	3.04	9.29	3.12	9.68	3.17
	35.0	7.49	3.03	7.88	3.08	8.27	3.13	8.47	3.15	9.06	3.23	9.45	3.28
	40.0	7.10	3.22	7.49	3.27	7.88	3.32	8.07	3.34	8.61	3.34	8.97	3.34
	43.0	6.63	2.75	6.94	2.75	7.25	2.75	7.40	2.75	7.85	2.75	8.14	2.75
	46.0	5.84	2.17	6.09	2.17	6.33	2.17	6.44	2.17	6.80	2.17	7.02	2.17
6.0+7.1	22.0	8.62	2.61	9.02	2.66	9.41	2.72	9.61	2.74	10.20	2.82	10.59	2.87
	25.0	8.38	2.71	8.78	2.76	9.17	2.81	9.37	2.83	9.96	2.91	10.36	2.96
	32.0	7.82	2.95	8.22	3.00	8.61	3.05	8.81	3.07	9.40	3.15	9.80	3.20
	35.0	7.58	3.06	7.98	3.11	8.37	3.16	8.57	3.18	9.16	3.26	9.56	3.31
	40.0	7.18	3.25	7.58	3.30	7.97	3.34	8.15	3.34	8.70	3.34	9.05	3.34
	43.0	6.69	2.75	7.01	2.75	7.32	2.75	7.47	2.75	7.92	2.75	8.21	2.75
	46.0	5.90	2.17	6.14	2.17	6.38	2.17	6.49	2.17	6.84	2.17	7.07	2.17
2.0+2.0+2.0	22.0	6.75	1.71	7.06	1.74	7.37	1.78	7.52	1.79	7.99	1.84	8.30	1.88
	25.0	6.56	1.77	6.87	1.80	7.18	1.84	7.33	1.85	7.80	1.90	8.11	1.94
	32.0	6.12	1.93	6.43	1.96	6.74	1.99	6.90	2.01	7.36	2.06	7.67	2.09
	35.0	5.94	2.00	6.25	2.03	6.56	2.07	6.71	2.08	7.17	2.13	7.48	2.17
	40.0	5.62	2.13	5.93	2.16	6.24	2.19	6.40	2.21	6.86	2.26	7.17	2.29
	43.0	5.44	2.21	5.75	2.24	6.06	2.27	6.21	2.29	6.67	2.34	6.98	2.37
	46.0	5.13	2.17	5.39	2.17	5.65	2.17	5.77	2.17	6.14	2.17	6.38	2.17

3D050147#3

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS75DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.5	22.0	7.06	1.88	7.38	1.92	7.71	1.96	7.87	1.97	8.36	2.03	8.68	2.07
	25.0	6.87	1.95	7.19	1.99	7.51	2.02	7.67	2.04	8.16	2.10	8.48	2.13
	32.0	6.41	2.12	6.73	2.16	7.05	2.19	7.22	2.21	7.70	2.27	8.02	2.30
	35.0	6.21	2.20	6.53	2.24	6.86	2.27	7.02	2.29	7.51	2.35	7.83	2.38
	40.0	5.88	2.34	6.21	2.38	6.53	2.41	6.69	2.43	7.18	2.49	7.50	2.52
	43.0	5.69	2.43	6.01	2.47	6.34	2.50	6.50	2.52	6.98	2.58	7.31	2.61
	46.0	5.19	2.17	5.44	2.17	5.69	2.17	5.81	2.17	6.17	2.17	6.40	2.17
2.0+2.0+3.5	22.0	7.49	2.12	7.84	2.16	8.18	2.20	8.35	2.22	8.87	2.29	9.21	2.33
	25.0	7.29	2.20	7.63	2.24	7.97	2.28	8.14	2.30	8.66	2.36	9.00	2.40
	32.0	6.80	2.39	7.14	2.43	7.49	2.47	7.66	2.49	8.17	2.56	8.52	2.60
	35.0	6.59	2.48	6.94	2.52	7.28	2.56	7.45	2.58	7.96	2.64	8.31	2.69
	40.0	6.25	2.64	6.59	2.68	6.93	2.72	7.10	2.74	7.62	2.80	7.96	2.84
	43.0	6.04	2.74	6.36	2.75	6.67	2.75	6.83	2.75	7.27	2.75	7.57	2.75
	46.0	5.33	2.17	5.58	2.17	5.82	2.17	5.94	2.17	6.29	2.17	6.52	2.17
2.0+2.0+5.0	22.0	8.04	2.47	8.41	2.51	8.77	2.56	8.96	2.59	9.51	2.66	9.88	2.71
	25.0	7.81	2.55	8.18	2.60	8.55	2.65	8.73	2.67	9.29	2.75	9.65	2.79
	32.0	7.29	2.78	7.66	2.83	8.03	2.87	8.21	2.90	8.77	2.97	9.13	3.02
	35.0	7.07	2.88	7.44	2.93	7.81	2.98	7.99	3.00	8.54	3.08	8.91	3.12
	40.0	6.70	3.07	7.07	3.12	7.43	3.16	7.62	3.19	8.17	3.26	8.54	3.31
	43.0	6.31	2.75	6.62	2.75	6.92	2.75	7.07	2.75	7.51	2.75	7.79	2.75
	46.0	5.58	2.17	5.83	2.17	6.06	2.17	6.18	2.17	6.52	2.17	6.75	2.17
2.0+2.0+6.0	22.0	8.40	2.38	8.78	2.42	9.17	2.47	9.36	2.49	9.94	2.56	10.32	2.61
	25.0	8.17	2.46	8.55	2.51	8.94	2.55	9.13	2.58	9.70	2.65	10.09	2.69
	32.0	7.62	2.68	8.01	2.72	8.39	2.77	8.58	2.79	9.16	2.86	9.55	2.91
	35.0	7.39	2.78	7.77	2.82	8.16	2.87	8.35	2.89	8.93	2.96	9.31	3.01
	40.0	7.00	2.95	7.38	3.00	7.77	3.05	7.96	3.07	8.54	3.14	8.92	3.19
	43.0	6.59	2.75	6.92	2.75	7.24	2.75	7.39	2.75	7.85	2.75	8.15	2.75
	46.0	5.77	2.17	6.03	2.17	6.28	2.17	6.40	2.17	6.76	2.17	7.00	2.17
2.0+2.0+7.1	22.0	8.70	2.55	9.10	2.60	9.50	2.65	9.70	2.67	10.29	2.75	10.69	2.80
	25.0	8.46	2.64	8.86	2.69	9.26	2.74	9.46	2.76	10.05	2.84	10.45	2.89
	32.0	7.90	2.87	8.29	2.92	8.69	2.97	8.89	3.00	9.49	3.07	9.89	3.12
	35.0	7.65	2.98	8.05	3.03	8.45	3.08	8.65	3.10	9.25	3.18	9.65	3.23
	40.0	7.25	3.17	7.65	3.22	8.05	3.27	8.25	3.29	8.82	3.34	9.19	3.34
	43.0	6.75	2.75	7.07	2.75	7.39	2.75	7.55	2.75	8.00	2.75	8.30	2.75
	46.0	5.92	2.17	6.18	2.17	6.41	2.17	6.52	2.17	6.90	2.17	7.14	2.17
2.0+2.5+2.5	22.0	7.28	2.01	7.62	2.04	7.95	2.08	8.12	2.10	8.62	2.16	8.95	2.20
	25.0	7.08	2.08	7.41	2.12	7.75	2.16	7.91	2.17	8.41	2.23	8.75	2.27
	32.0	6.61	2.26	6.94	2.30	7.28	2.34	7.44	2.36	7.94	2.42	8.28	2.46
	35.0	6.41	2.34	6.74	2.38	7.07	2.42	7.24	2.44	7.74	2.50	8.07	2.54
	40.0	6.07	2.49	6.40	2.53	6.74	2.57	6.90	2.59	7.40	2.65	7.74	2.69
	43.0	5.87	2.59	6.20	2.63	6.53	2.67	6.70	2.69	7.20	2.75	7.50	2.75
	46.0	5.25	2.17	5.50	2.17	5.75	2.17	5.87	2.17	6.22	2.17	6.45	2.17
2.0+2.5+3.5	22.0	7.70	2.24	8.05	2.29	8.40	2.33	8.58	2.35	9.10	2.42	9.46	2.46
	25.0	7.48	2.32	7.83	2.37	8.19	2.41	8.36	2.43	8.89	2.50	9.24	2.54
	32.0	6.98	2.53	7.34	2.57	7.69	2.62	7.86	2.64	8.39	2.70	8.74	2.75
	35.0	6.77	2.62	7.12	2.67	7.47	2.71	7.65	2.73	8.18	2.80	8.53	2.84
	40.0	6.41	2.79	6.77	2.84	7.12	2.88	7.29	2.90	7.82	2.97	8.17	3.01
	43.0	6.13	2.75	6.44	2.75	6.75	2.75	6.90	2.75	7.35	2.75	7.63	2.75
	46.0	5.41	2.17	5.66	2.17	5.90	2.17	6.02	2.17	6.36	2.17	6.59	2.17
2.0+2.5+5.0	22.0	8.25	2.62	8.63	2.67	9.00	2.72	9.19	2.75	9.76	2.83	10.14	2.88
	25.0	8.02	2.72	8.40	2.77	8.77	2.82	8.96	2.84	9.53	2.92	9.91	2.97
	32.0	7.48	2.95	7.86	3.01	8.24	3.06	8.43	3.08	9.00	3.16	9.37	3.21
	35.0	7.26	3.07	7.63	3.12	8.01	3.17	8.20	3.19	8.77	3.27	9.14	3.32
	40.0	6.87	3.26	7.25	3.31	7.62	3.34	7.80	3.34	8.33	3.34	8.67	3.34
	43.0	6.45	2.75	6.75	2.75	7.05	2.75	7.20	2.75	7.64	2.75	7.92	2.75
	46.0	5.71	2.17	5.95	2.17	6.19	2.17	6.30	2.17	6.64	2.17	6.86	2.17
2.0+2.5+6.0	22.0	8.60	2.44	8.99	2.49	9.39	2.54	9.59	2.56	10.18	2.63	10.57	2.68
	25.0	8.36	2.53	8.76	2.58	9.15	2.62	9.35	2.65	9.94	2.72	10.33	2.77
	32.0	7.80	2.75	8.20	2.80	8.59	2.85	8.79	2.87	9.38	2.94	9.77	2.99
	35.0	7.57	2.85	7.96	2.90	8.35	2.95	8.55	2.97	9.14	3.04	9.53	3.09
	40.0	7.17	3.04	7.56	3.08	7.95	3.13	8.15	3.16	8.74	3.23	9.14	3.27
	43.0	6.71	2.75	7.04	2.75	7.36	2.75	7.52	2.75	7.98	2.75	8.28	2.75
	46.0	5.87	2.17	6.11	2.17	6.38	2.17	6.50	2.17	6.86	2.17	7.10	2.17

3D050147#4

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS75DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+7.1	22.0	8.77	2.53	9.17	2.58	9.57	2.63	9.78	2.65	10.38	2.73	10.78	2.78
	25.0	8.53	2.62	8.93	2.67	9.33	2.72	9.53	2.75	10.13	2.82	10.54	2.87
	32.0	7.96	2.85	8.36	2.90	8.76	2.95	8.96	2.98	9.57	3.05	9.97	3.10
	35.0	7.72	2.96	8.12	3.01	8.52	3.06	8.72	3.08	9.32	3.16	9.72	3.21
	40.0	7.31	3.15	7.71	3.20	8.11	3.25	8.31	3.27	8.91	3.34	9.27	3.34
	43.0	6.80	2.75	7.13	2.75	7.45	2.75	7.60	2.75	8.07	2.75	8.37	2.75
	46.0	5.97	2.17	6.22	2.17	6.46	2.17	6.58	2.17	6.95	2.17	7.18	2.17
2.0+3.5+3.5	22.0	8.07	2.45	8.44	2.50	8.81	2.54	8.99	2.57	9.55	2.64	9.91	2.69
	25.0	7.84	2.54	8.21	2.58	8.58	2.63	8.77	2.66	9.32	2.73	9.69	2.78
	32.0	7.32	2.76	7.69	2.81	8.06	2.86	8.24	2.88	8.80	2.95	9.17	3.00
	35.0	7.10	2.86	7.47	2.91	7.84	2.96	8.02	2.98	8.57	3.05	8.94	3.10
	40.0	6.72	3.05	7.09	3.09	7.46	3.14	7.65	3.17	8.20	3.24	8.57	3.29
	43.0	6.33	2.75	6.64	2.75	6.95	2.75	7.10	2.75	7.54	2.75	7.83	2.75
	46.0	5.59	2.17	5.83	2.17	6.08	2.17	6.20	2.17	6.54	2.17	6.77	2.17
2.0+3.5+5.0	22.0	8.60	2.77	8.99	2.82	9.39	2.88	9.59	2.90	10.18	2.99	10.57	3.04
	25.0	8.36	2.87	8.76	2.92	9.15	2.98	9.35	3.00	9.94	3.08	10.33	3.14
	32.0	7.80	3.12	8.20	3.18	8.59	3.23	8.79	3.26	9.38	3.34	9.77	3.39
	35.0	7.57	3.24	7.96	3.29	8.35	3.35	8.55	3.37	9.14	3.45	9.53	3.51
	40.0	7.16	3.34	7.53	3.34	7.90	3.34	8.08	3.34	8.62	3.34	8.96	3.34
	43.0	6.72	2.75	7.02	2.75	7.32	2.75	7.47	2.75	7.90	2.75	8.18	2.75
	46.0	5.95	2.17	6.19	2.17	6.42	2.17	6.54	2.17	6.88	2.17	7.10	2.17
2.0+3.5+6.0	22.0	8.75	2.55	9.15	2.60	9.55	2.65	9.75	2.67	10.35	2.75	10.76	2.80
	25.0	8.51	2.64	8.91	2.69	9.31	2.74	9.51	2.76	10.11	2.84	10.51	2.89
	32.0	7.94	2.87	8.34	2.92	8.74	2.97	8.94	3.00	9.54	3.07	9.95	3.12
	35.0	7.70	2.98	8.10	3.03	8.50	3.08	8.70	3.10	9.30	3.18	9.70	3.23
	40.0	7.29	3.17	7.69	3.22	8.09	3.27	8.29	3.29	8.87	3.34	9.24	3.34
	43.0	6.79	2.75	7.11	2.75	7.43	2.75	7.58	2.75	8.04	2.75	8.34	2.75
	46.0	5.96	2.17	6.21	2.17	6.44	2.17	6.56	2.17	6.93	2.17	7.17	2.17
2.0+3.5+7.1	22.0	8.97	2.66	9.38	2.71	9.79	2.77	10.00	2.79	10.62	2.87	11.03	2.92
	25.0	8.72	2.76	9.13	2.81	9.55	2.86	9.75	2.89	10.37	2.97	10.78	3.02
	32.0	8.14	3.00	8.55	3.05	8.96	3.10	9.17	3.13	9.79	3.21	10.20	3.26
	35.0	7.89	3.11	8.30	3.17	8.71	3.22	8.92	3.24	9.54	3.32	9.95	3.37
	40.0	7.48	3.31	7.88	3.34	8.26	3.34	8.45	3.34	9.01	3.34	9.37	3.34
	43.0	6.91	2.75	7.24	2.75	7.54	2.75	7.71	2.75	8.17	2.75	8.47	2.75
	46.0	6.09	2.17	6.34	2.17	6.58	2.17	6.70	2.17	7.05	2.17	7.28	2.17
2.0+5.0+5.0	22.0	8.88	2.65	9.29	2.71	9.70	2.76	9.90	2.78	10.51	2.86	10.92	2.91
	25.0	8.64	2.75	9.04	2.80	9.45	2.85	9.65	2.88	10.26	2.96	10.67	3.01
	32.0	8.06	2.99	8.47	3.04	8.87	3.10	9.08	3.12	9.69	3.20	10.09	3.25
	35.0	7.81	3.10	8.22	3.16	8.63	3.21	8.83	3.23	9.44	3.31	9.85	3.36
	40.0	7.38	3.30	7.80	3.34	8.19	3.34	8.37	3.34	8.93	3.34	9.29	3.34
	43.0	6.87	2.75	7.18	2.75	7.48	2.75	7.64	2.75	8.07	2.75	8.40	2.75
	46.0	6.06	2.17	6.30	2.17	6.54	2.17	6.66	2.17	7.01	2.17	7.24	2.17
2.0+5.0+6.0	22.0	9.01	2.69	9.43	2.74	9.84	2.79	10.04	2.82	10.66	2.90	11.08	2.95
	25.0	8.76	2.78	9.18	2.84	9.59	2.89	9.79	2.91	10.41	2.99	10.83	3.05
	32.0	8.18	3.03	8.59	3.08	9.00	3.13	9.21	3.16	9.83	3.24	10.24	3.29
	35.0	7.93	3.14	8.34	3.19	8.75	3.25	8.96	3.27	9.58	3.35	9.99	3.40
	40.0	7.49	3.34	7.87	3.34	8.24	3.34	8.48	3.34	9.04	3.34	9.40	3.34
	43.0	6.97	2.75	7.28	2.75	7.59	2.75	7.74	2.75	8.18	2.75	8.46	2.75
	46.0	6.14	2.17	6.39	2.17	6.63	2.17	6.75	2.17	7.09	2.17	7.32	2.17
2.5+2.5+2.5	22.0	7.49	2.12	7.84	2.16	8.18	2.20	8.35	2.22	8.87	2.29	9.21	2.33
	25.0	7.29	2.20	7.63	2.24	7.97	2.28	8.14	2.30	8.66	2.36	9.00	2.40
	32.0	6.80	2.39	7.14	2.43	7.49	2.47	7.66	2.49	8.17	2.56	8.52	2.60
	35.0	6.59	2.48	6.94	2.52	7.28	2.56	7.45	2.58	7.96	2.64	8.31	2.69
	40.0	6.25	2.64	6.59	2.68	6.93	2.72	7.10	2.74	7.62	2.80	7.96	2.84
	43.0	6.04	2.74	6.36	2.75	6.67	2.75	6.83	2.75	7.27	2.75	7.57	2.75
	46.0	5.33	2.17	5.58	2.17	5.82	2.17	5.94	2.17	6.29	2.17	6.52	2.17
2.5+2.5+3.5	22.0	7.90	2.37	8.26	2.41	8.62	2.46	8.80	2.48	9.34	2.55	9.70	2.60
	25.0	7.68	2.45	8.04	2.50	8.40	2.54	8.58	2.57	9.12	2.64	9.49	2.68
	32.0	7.17	2.67	7.53	2.71	7.89	2.76	8.07	2.78	8.61	2.85	8.97	2.90
	35.0	6.95	2.77	7.31	2.81	7.67	2.86	7.85	2.88	8.39	2.95	8.75	3.00
	40.0	6.58	2.94	6.94	2.99	7.30	3.04	7.48	3.06	8.03	3.13	8.39	3.18
	43.0	6.23	2.75	6.54	2.75	6.85	2.75	7.00	2.75	7.44	2.75	7.72	2.75
	46.0	5.51	2.17	5.75	2.17	5.99	2.17	6.11	2.17	6.45	2.17	6.68	2.17

3D050147#5

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS75DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+2.5+5.0	22.0	8.39	2.70	8.77	2.75	9.16	2.80	9.35	2.83	9.93	2.91	10.31	2.96
	25.0	8.16	2.79	8.54	2.84	8.92	2.90	9.12	2.92	9.69	3.00	10.08	3.05
	32.0	7.61	3.04	8.00	3.09	8.38	3.14	8.57	3.17	9.15	3.25	9.53	3.30
	35.0	7.38	3.15	7.76	3.20	8.15	3.26	8.34	3.28	8.92	3.36	9.30	3.41
	40.0	6.99	3.34	7.36	3.34	7.73	3.34	7.91	3.34	8.44	3.34	8.78	3.34
	43.0	6.55	2.75	6.85	2.75	7.14	2.75	7.30	2.75	7.72	2.75	8.02	2.75
	46.0	5.80	2.17	6.04	2.17	6.28	2.17	6.39	2.17	6.73	2.17	6.95	2.17
2.5+2.5+6.0	22.0	8.66	2.52	9.06	2.57	9.45	2.62	9.65	2.65	10.25	2.72	10.64	2.77
	25.0	8.42	2.61	8.82	2.66	9.21	2.71	9.41	2.74	10.01	2.81	10.40	2.86
	32.0	7.86	2.84	8.26	2.89	8.65	2.94	8.85	2.97	9.45	3.04	9.84	3.09
	35.0	7.62	2.95	8.01	3.00	8.41	3.05	8.61	3.07	9.21	3.15	9.60	3.20
	40.0	7.22	3.14	7.61	3.19	8.01	3.24	8.21	3.26	8.80	3.34	9.17	3.34
	43.0	6.73	2.75	7.05	2.75	7.37	2.75	7.52	2.75	7.98	2.75	8.28	2.75
	46.0	5.91	2.17	6.16	2.17	6.40	2.17	6.52	2.17	6.88	2.17	7.12	2.17
2.5+2.5+7.1	22.0	8.89	2.61	9.30	2.66	9.71	2.71	9.91	2.73	10.52	2.81	10.93	2.86
	25.0	8.65	2.70	9.05	2.75	9.46	2.80	9.66	2.83	10.27	2.90	10.68	2.95
	32.0	8.07	2.94	8.48	2.99	8.88	3.04	9.09	3.06	9.70	3.14	10.11	3.19
	35.0	7.82	3.05	8.23	3.10	8.64	3.15	8.84	3.17	9.45	3.25	9.86	3.30
	40.0	7.41	3.24	7.82	3.29	8.22	3.34	8.41	3.34	8.97	3.34	9.33	3.34
	43.0	6.86	2.75	7.20	2.75	7.51	2.75	7.67	2.75	8.13	2.75	8.43	2.75
	46.0	6.04	2.17	6.29	2.17	6.53	2.17	6.65	2.17	7.01	2.17	7.24	2.17
2.5+3.5+3.5	22.0	8.25	2.57	8.63	2.62	9.00	2.67	9.19	2.70	9.76	2.77	10.14	2.82
	25.0	8.02	2.66	8.40	2.71	8.77	2.76	8.96	2.79	9.53	2.87	9.91	2.92
	32.0	7.48	2.90	7.86	2.95	8.24	3.00	8.43	3.02	9.00	3.10	9.37	3.15
	35.0	7.26	3.01	7.63	3.06	8.01	3.11	8.20	3.13	8.77	3.21	9.14	3.26
	40.0	6.87	3.20	7.25	3.25	7.63	3.30	7.82	3.33	8.35	3.34	8.70	3.34
	43.0	6.45	2.75	6.75	2.75	7.06	2.75	7.21	2.75	7.64	2.75	7.93	2.75
	46.0	5.70	2.17	5.94	2.17	6.17	2.17	6.29	2.17	6.63	2.17	6.85	2.17
2.5+3.5+5.0	22.0	8.66	2.79	9.06	2.84	9.45	2.89	9.65	2.92	10.25	3.00	10.64	3.06
	25.0	8.42	2.89	8.82	2.94	9.21	2.99	9.41	3.02	10.01	3.10	10.40	3.16
	32.0	7.86	3.14	8.26	3.19	8.65	3.25	8.85	3.28	9.45	3.36	9.84	3.41
	35.0	7.62	3.26	8.01	3.31	8.41	3.37	8.61	3.39	9.21	3.47	9.60	3.53
	40.0	7.21	3.34	7.59	3.34	7.95	3.34	8.13	3.34	8.67	3.34	9.01	3.34
	43.0	6.77	2.75	7.07	2.75	7.37	2.75	7.51	2.75	7.95	2.75	8.23	2.75
	46.0	6.00	2.17	6.24	2.17	6.47	2.17	6.58	2.17	6.92	2.17	7.14	2.17
2.5+3.5+6.0	22.0	8.87	2.55	9.28	2.60	9.68	2.65	9.89	2.67	10.50	2.75	10.90	2.80
	25.0	8.63	2.64	9.03	2.69	9.44	2.74	9.64	2.76	10.25	2.84	10.66	2.89
	32.0	8.05	2.87	8.46	2.92	8.86	2.97	9.07	3.00	9.68	3.07	10.08	3.12
	35.0	7.80	2.98	8.21	3.03	8.62	3.08	8.82	3.10	9.43	3.18	9.84	3.23
	40.0	7.39	3.17	7.80	3.22	8.21	3.27	8.41	3.29	9.00	3.34	9.36	3.34
	43.0	6.85	2.75	7.16	2.75	7.47	2.75	7.67	2.75	8.14	2.75	8.44	2.75
	46.0	6.03	2.17	6.28	2.17	6.52	2.17	6.64	2.17	6.99	2.17	7.24	2.17
2.5+3.5+7.1	22.0	9.03	2.65	9.45	2.71	9.86	2.76	10.07	2.78	10.69	2.86	11.10	2.91
	25.0	8.78	2.75	9.20	2.80	9.61	2.85	9.82	2.88	10.44	2.96	10.85	3.01
	32.0	8.20	2.99	8.61	3.04	9.02	3.10	9.23	3.12	9.85	3.20	10.27	3.25
	35.0	7.95	3.10	8.36	3.16	8.77	3.21	8.98	3.23	9.60	3.31	10.01	3.36
	40.0	7.53	3.30	7.93	3.34	8.32	3.34	8.51	3.34	9.07	3.34	9.44	3.34
	43.0	6.97	2.75	7.28	2.75	7.58	2.75	7.75	2.75	8.22	2.75	8.52	2.75
	46.0	6.13	2.17	6.38	2.17	6.62	2.17	6.74	2.17	7.09	2.17	7.32	2.17
2.5+5.0+5.0	22.0	8.95	2.81	9.36	2.87	9.77	2.92	9.98	2.95	10.59	3.03	11.00	3.08
	25.0	8.70	2.91	9.11	2.97	9.52	3.02	9.73	3.05	10.34	3.13	10.75	3.19
	32.0	8.12	3.17	8.53	3.22	8.94	3.28	9.15	3.30	9.76	3.39	10.17	3.44
	35.0	7.87	3.29	8.28	3.34	8.69	3.40	8.90	3.42	9.52	3.51	9.93	3.56
	40.0	7.44	3.34	7.82	3.34	8.20	3.34	8.38	3.34	8.93	3.34	9.28	3.34
	43.0	6.92	2.75	7.24	2.75	7.53	2.75	7.70	2.75	8.13	2.75	8.42	2.75
	46.0	6.10	2.17	6.35	2.17	6.59	2.17	6.71	2.17	7.06	2.17	7.28	2.17
2.5+5.0+6.0	22.0	9.08	2.77	9.50	2.82	9.92	2.88	10.12	2.90	10.75	2.99	11.16	3.04
	25.0	8.83	2.87	9.25	2.92	9.66	2.98	9.87	3.00	10.49	3.08	10.91	3.14
	32.0	8.24	3.12	8.66	3.18	9.07	3.23	9.28	3.26	9.91	3.34	10.32	3.39
	35.0	7.99	3.24	8.41	3.29	8.82	3.35	9.03	3.37	9.65	3.45	10.07	3.51
	40.0	7.54	3.34	7.93	3.34	8.30	3.34	8.48	3.34	9.06	3.34	9.42	3.34
	43.0	7.02	2.75	7.34	2.75	7.64	2.75	7.79	2.75	8.24	2.75	8.52	2.75
	46.0	6.19	2.17	6.44	2.17	6.68	2.17	6.79	2.17	7.14	2.17	7.37	2.17

3D050147#6

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS75DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+3.5+3.5	22.0	8.54	2.70	8.93	2.76	9.32	2.81	9.52	2.84	10.10	2.91	10.50	2.97
	25.0	8.30	2.80	8.69	2.85	9.09	2.91	9.28	2.93	9.87	3.01	10.26	3.06
	32.0	7.75	3.05	8.14	3.10	8.53	3.15	8.73	3.18	9.31	3.26	9.71	3.31
	35.0	7.51	3.16	7.90	3.21	8.29	3.27	8.49	3.29	9.08	3.37	9.47	3.43
	40.0	7.11	3.34	7.49	3.34	7.86	3.34	8.04	3.34	8.58	3.34	8.93	3.34
	43.0	6.64	2.75	6.94	2.75	7.25	2.75	7.41	2.75	7.85	2.75	8.13	2.75
	46.0	5.87	2.17	6.11	2.17	6.35	2.17	6.47	2.17	6.81	2.17	7.04	2.17
3.5+3.5+5.0	22.0	8.87	2.85	9.28	2.91	9.68	2.96	9.89	2.99	10.50	3.07	10.90	3.13
	25.0	8.63	2.95	9.03	3.01	9.44	3.07	9.64	3.09	10.25	3.18	10.66	3.23
	32.0	8.05	3.21	8.46	3.27	8.86	3.33	9.07	3.35	9.68	3.44	10.08	3.49
	35.0	7.80	3.33	8.21	3.39	8.62	3.45	8.82	3.47	9.43	3.56	9.84	3.61
	40.0	7.38	3.34	7.79	3.34	8.15	3.34	8.33	3.34	8.85	3.34	9.19	3.34
	43.0	6.95	2.75	7.25	2.75	7.55	2.75	7.70	2.75	8.13	2.75	8.41	2.75
	46.0	6.16	2.17	6.40	2.17	6.63	2.17	6.75	2.17	7.08	2.17	7.31	2.17
3.5+3.5+6.0	22.0	9.02	2.56	9.44	2.61	9.85	2.66	10.06	2.69	10.68	2.76	11.09	2.81
	25.0	8.77	2.66	9.19	2.71	9.60	2.76	9.81	2.78	10.43	2.86	10.84	2.91
	32.0	8.19	2.89	8.60	2.94	9.01	2.99	9.22	3.01	9.84	3.09	10.25	3.14
	35.0	7.94	3.00	8.35	3.05	8.76	3.10	8.97	3.12	9.59	3.20	10.00	3.25
	40.0	7.49	3.19	7.93	3.24	8.35	3.29	8.55	3.31	9.13	3.34	9.50	3.34
	43.0	6.96	2.75	7.28	2.75	7.58	2.75	7.73	2.75	8.19	2.75	8.55	2.75
	46.0	6.13	2.17	6.37	2.17	6.62	2.17	6.74	2.17	7.09	2.17	7.32	2.17
3.5+5.0+5.0	22.0	9.08	2.79	9.50	2.84	9.92	2.89	10.12	2.92	10.75	3.00	11.16	3.06
	25.0	8.83	2.89	9.25	2.94	9.66	2.99	9.87	3.02	10.49	3.10	10.91	3.16
	32.0	8.24	3.14	8.66	3.19	9.07	3.25	9.28	3.28	9.91	3.36	10.32	3.41
	35.0	7.99	3.26	8.41	3.31	8.82	3.37	9.03	3.39	9.65	3.47	10.07	3.53
	40.0	7.55	3.34	7.93	3.34	8.30	3.34	8.48	3.34	9.02	3.34	9.41	3.34
	43.0	7.03	2.75	7.34	2.75	7.65	2.75	7.80	2.75	8.24	2.75	8.53	2.75
	46.0	6.20	2.17	6.44	2.17	6.68	2.17	6.80	2.17	7.15	2.17	7.38	2.17
2.0+2.0+2.0+2.0	22.0	7.86	2.04	8.22	2.08	8.58	2.12	8.76	2.14	9.30	2.20	9.66	2.24
	25.0	7.64	2.11	8.00	2.15	8.36	2.19	8.54	2.21	9.08	2.27	9.44	2.31
	32.0	7.13	2.30	7.49	2.34	7.85	2.38	8.03	2.40	8.57	2.46	8.93	2.50
	35.0	6.91	2.38	7.27	2.42	7.63	2.46	7.81	2.48	8.35	2.54	8.71	2.58
	40.0	6.55	2.54	6.91	2.58	7.27	2.62	7.45	2.63	7.99	2.69	8.35	2.73
	43.0	6.33	2.63	6.69	2.67	7.05	2.71	7.23	2.73	7.73	2.75	8.03	2.75
	46.0	5.59	2.17	5.85	2.17	6.11	2.17	6.24	2.17	6.61	2.17	6.85	2.17
2.0+2.0+2.0+2.5	22.0	8.09	2.14	8.46	2.18	8.83	2.22	9.01	2.24	9.57	2.30	9.94	2.34
	25.0	7.86	2.21	8.23	2.26	8.60	2.30	8.79	2.32	9.34	2.38	9.71	2.42
	32.0	7.34	2.41	7.71	2.45	8.08	2.49	8.26	2.51	8.82	2.57	9.19	2.62
	35.0	7.11	2.50	7.48	2.54	7.85	2.58	8.04	2.60	8.60	2.67	8.97	2.71
	40.0	6.74	2.66	7.11	2.70	7.48	2.74	7.67	2.76	8.22	2.82	8.59	2.87
	43.0	6.51	2.75	6.85	2.75	7.18	2.75	7.34	2.75	7.81	2.75	8.12	2.75
	46.0	5.67	2.17	5.93	2.17	6.19	2.17	6.32	2.17	6.69	2.17	6.93	2.17
2.0+2.0+2.0+3.5	22.0	8.32	2.28	8.70	2.33	9.08	2.37	9.27	2.40	9.84	2.46	10.22	2.51
	25.0	8.09	2.37	8.47	2.41	8.85	2.46	9.04	2.48	9.61	2.54	9.99	2.59
	32.0	7.55	2.58	7.93	2.62	8.31	2.66	8.50	2.69	9.07	2.75	9.45	2.80
	35.0	7.32	2.67	7.70	2.72	8.08	2.76	8.27	2.78	8.84	2.85	9.22	2.89
	40.0	6.93	2.84	7.31	2.89	7.69	2.93	7.88	2.95	8.46	3.02	8.84	3.06
	43.0	6.58	2.75	6.91	2.75	7.23	2.75	7.39	2.75	7.86	2.75	8.16	2.75
	46.0	5.75	2.17	6.01	2.17	6.26	2.17	6.38	2.17	6.75	2.17	6.99	2.17
2.0+2.0+2.0+5.0	22.0	8.82	2.55	9.23	2.60	9.63	2.65	9.83	2.67	10.44	2.75	10.84	2.80
	25.0	8.58	2.64	8.98	2.69	9.38	2.74	9.59	2.76	10.19	2.84	10.60	2.89
	32.0	8.00	2.87	8.41	2.92	8.81	2.97	9.02	3.00	9.62	3.07	10.03	3.12
	35.0	7.76	2.98	8.16	3.03	8.57	3.08	8.77	3.10	9.38	3.18	9.78	3.23
	40.0	7.35	3.17	7.76	3.22	8.16	3.27	8.36	3.29	8.95	3.34	9.31	3.34
	43.0	6.83	2.75	7.16	2.75	7.48	2.75	7.64	2.75	8.10	2.75	8.40	2.75
	46.0	5.99	2.17	6.24	2.17	6.49	2.17	6.61	2.17	6.97	2.17	7.21	2.17
2.0+2.0+2.0+6.0	22.0	9.11	2.45	9.53	2.50	9.95	2.54	10.16	2.57	10.78	2.64	11.20	2.69
	25.0	8.86	2.54	9.28	2.58	9.70	2.63	9.90	2.66	10.53	2.73	10.95	2.78
	32.0	8.27	2.76	8.69	2.81	9.10	2.86	9.31	2.88	9.94	2.95	10.36	3.00
	35.0	8.02	2.86	8.43	2.91	8.85	2.96	9.06	2.98	9.69	3.05	10.10	3.10
	40.0	7.59	3.05	8.01	3.09	8.43	3.14	8.64	3.17	9.26	3.24	9.68	3.29
	43.0	7.07	2.75	7.41	2.75	7.74	2.75	7.91	2.75	8.39	2.75	8.70	2.75
	46.0	6.14	2.17	6.40	2.17	6.66	2.17	6.79	2.17	7.17	2.17	7.42	2.17

3D050147#7

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS75DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0+7.1	22.0	9.28	2.55	9.71	2.60	10.13	2.65	10.35	2.67	10.99	2.75	11.41	2.80
	25.0	9.03	2.64	9.45	2.69	9.88	2.74	10.09	2.76	10.73	2.84	11.15	2.89
	32.0	8.42	2.87	8.85	2.92	9.28	2.97	9.49	3.00	10.13	3.07	10.55	3.12
	35.0	8.17	2.98	8.59	3.03	9.02	3.08	9.23	3.10	9.87	3.18	10.29	3.23
	40.0	7.74	3.17	8.16	3.22	8.59	3.27	8.80	3.29	9.41	3.34	9.79	3.34
	43.0	7.14	2.75	7.48	2.75	7.82	2.75	7.98	2.75	8.46	2.75	8.77	2.75
	46.0	6.21	2.17	6.48	2.17	6.74	2.17	6.86	2.17	7.24	2.17	7.48	2.17
2.0+2.0+2.5+2.5	22.0	8.17	2.20	8.54	2.25	8.92	2.29	9.10	2.31	9.66	2.37	10.04	2.42
	25.0	7.94	2.28	8.32	2.32	8.69	2.37	8.88	2.39	9.44	2.45	9.81	2.50
	32.0	7.41	2.48	7.79	2.53	8.16	2.57	8.35	2.59	8.91	2.65	9.28	2.70
	35.0	7.18	2.58	7.56	2.62	7.93	2.66	8.12	2.68	8.68	2.75	9.06	2.79
	40.0	6.81	2.74	7.18	2.78	7.55	2.83	7.74	2.85	8.30	2.91	8.68	2.95
	43.0	6.52	2.75	6.85	2.75	7.18	2.75	7.34	2.75	7.81	2.75	8.11	2.75
	46.0	5.69	2.17	5.95	2.17	6.20	2.17	6.33	2.17	6.70	2.17	6.94	2.17
2.0+2.0+2.5+3.5	22.0	8.47	2.34	8.86	2.39	9.25	2.43	9.44	2.46	10.02	2.52	10.41	2.57
	25.0	8.23	2.43	8.62	2.47	9.01	2.52	9.20	2.54	9.79	2.61	10.17	2.65
	32.0	7.69	2.64	8.07	2.69	8.46	2.73	8.66	2.75	9.24	2.82	9.63	2.87
	35.0	7.45	2.74	7.84	2.78	8.23	2.83	8.42	2.85	9.00	2.92	9.39	2.97
	40.0	7.06	2.91	7.45	2.96	7.83	3.01	8.03	3.03	8.61	3.10	9.00	3.14
	43.0	6.66	2.75	6.99	2.75	7.31	2.75	7.47	2.75	7.94	2.75	8.24	2.75
	46.0	5.82	2.17	6.08	2.17	6.33	2.17	6.45	2.17	6.82	2.17	7.06	2.17
2.0+2.0+2.5+5.0	22.0	8.90	2.58	9.31	2.63	9.72	2.68	9.92	2.71	10.53	2.78	10.94	2.83
	25.0	8.65	2.67	9.06	2.72	9.47	2.77	9.67	2.80	10.29	2.87	10.69	2.92
	32.0	8.08	2.91	8.49	2.96	8.89	3.01	9.10	3.03	9.71	3.11	10.12	3.16
	35.0	7.83	3.02	8.24	3.07	8.65	3.12	8.85	3.14	9.46	3.22	9.87	3.27
	40.0	7.42	3.21	7.83	3.26	8.23	3.31	8.44	3.34	9.00	3.34	9.36	3.34
	43.0	6.86	2.75	7.21	2.75	7.53	2.75	7.68	2.75	8.15	2.75	8.45	2.75
	46.0	6.03	2.17	6.29	2.17	6.52	2.17	6.65	2.17	7.01	2.17	7.25	2.17
2.0+2.0+2.5+6.0	22.0	9.18	2.47	9.60	2.52	10.02	2.57	10.24	2.59	10.87	2.67	11.29	2.71
	25.0	8.93	2.56	9.35	2.61	9.77	2.66	9.98	2.68	10.61	2.76	11.03	2.80
	32.0	8.33	2.79	8.75	2.84	9.17	2.88	9.39	2.91	10.02	2.98	10.44	3.03
	35.0	8.08	2.89	8.50	2.94	8.92	2.99	9.13	3.01	9.76	3.09	10.18	3.13
	40.0	7.65	3.08	8.07	3.13	8.49	3.17	8.70	3.20	9.34	3.27	9.76	3.32
	43.0	7.10	2.75	7.45	2.75	7.78	2.75	7.95	2.75	8.43	2.75	8.74	2.75
	46.0	6.17	2.17	6.44	2.17	6.70	2.17	6.83	2.17	7.20	2.17	7.45	2.17
2.0+2.0+3.5+3.5	22.0	8.80	2.51	9.20	2.56	9.61	2.60	9.81	2.63	10.41	2.70	10.82	2.75
	25.0	8.56	2.60	8.96	2.65	9.36	2.69	9.56	2.72	10.17	2.79	10.57	2.84
	32.0	7.99	2.83	8.39	2.87	8.79	2.92	8.99	2.95	9.60	3.02	10.00	3.07
	35.0	7.74	2.93	8.15	2.98	8.55	3.03	8.75	3.05	9.35	3.13	9.76	3.18
	40.0	7.33	3.12	7.74	3.17	8.14	3.22	8.34	3.24	8.95	3.31	9.33	3.34
	43.0	6.83	2.75	7.16	2.75	7.48	2.75	7.64	2.75	8.10	2.75	8.40	2.75
	46.0	5.97	2.17	6.23	2.17	6.48	2.17	6.60	2.17	6.97	2.17	7.20	2.17
2.0+2.0+3.5+5.0	22.0	9.19	2.71	9.61	2.76	10.04	2.82	10.25	2.84	10.88	2.92	11.30	2.98
	25.0	8.94	2.81	9.36	2.86	9.78	2.92	9.99	2.94	10.62	3.02	11.04	3.07
	32.0	8.34	3.06	8.76	3.11	9.18	3.16	9.40	3.19	10.03	3.27	10.45	3.32
	35.0	8.09	3.17	8.51	3.22	8.93	3.28	9.14	3.30	9.77	3.38	10.19	3.44
	40.0	7.65	3.34	8.05	3.34	8.44	3.34	8.63	3.34	9.19	3.34	9.56	3.34
	43.0	7.07	2.75	7.39	2.75	7.69	2.75	7.86	2.75	8.31	2.75	8.59	2.75
	46.0	6.22	2.17	6.47	2.17	6.71	2.17	6.83	2.17	7.19	2.17	7.42	2.17
2.0+2.0+3.5+6.0	22.0	9.32	2.63	9.75	2.68	10.18	2.73	10.39	2.76	11.03	2.83	11.46	2.89
	25.0	9.07	2.72	9.49	2.78	9.92	2.83	10.13	2.85	10.77	2.93	11.20	2.98
	32.0	8.46	2.96	8.89	3.02	9.32	3.07	9.53	3.09	10.17	3.17	10.60	3.22
	35.0	8.20	3.08	8.63	3.13	9.06	3.18	9.27	3.20	9.91	3.28	10.34	3.33
	40.0	7.77	3.27	8.20	3.32	8.60	3.34	8.80	3.34	9.38	3.34	9.75	3.34
	43.0	7.15	2.75	7.49	2.75	7.81	2.75	7.97	2.75	8.45	2.75	8.76	2.75
	46.0	6.22	2.17	6.48	2.17	6.75	2.17	6.86	2.17	7.25	2.17	7.49	2.17
2.0+2.5+2.5+2.5	22.0	8.32	2.28	8.70	2.33	9.08	2.37	9.27	2.40	9.84	2.46	10.22	2.51
	25.0	8.09	2.37	8.47	2.41	8.85	2.46	9.04	2.48	9.61	2.54	9.99	2.59
	32.0	7.55	2.58	7.93	2.62	8.31	2.66	8.50	2.69	9.07	2.75	9.45	2.80
	35.0	7.32	2.67	7.70	2.72	8.08	2.76	8.27	2.78	8.84	2.85	9.22	2.89
	40.0	6.93	2.84	7.31	2.89	7.69	2.93	7.88	2.95	8.46	3.02	8.84	3.06
	43.0	6.58	2.75	6.91	2.75	7.23	2.75	7.39	2.75	7.86	2.75	8.16	2.75
	46.0	5.75	2.17	6.01	2.17	6.26	2.17	6.38	2.17	6.75	2.17	6.99	2.17

3D050147#8

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS75DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+2.5+3.5	22.0	8.61	2.38	9.00	2.43	9.40	2.48	9.60	2.50	10.19	2.57	10.58	2.62
	25.0	8.37	2.47	8.77	2.52	9.16	2.56	9.36	2.58	9.95	2.65	10.34	2.70
	32.0	7.81	2.69	8.21	2.73	8.60	2.78	8.80	2.80	9.39	2.87	9.79	2.92
	35.0	7.57	2.79	7.97	2.83	8.36	2.88	8.56	2.90	9.15	2.97	9.55	3.02
	40.0	7.18	2.97	7.57	3.01	7.96	3.06	8.16	3.08	8.75	3.15	9.15	3.20
	43.0	6.74	2.75	7.07	2.75	7.40	2.75	7.56	2.75	8.02	2.75	8.33	2.75
	46.0	5.88	2.17	6.14	2.17	6.40	2.17	6.52	2.17	6.89	2.17	7.13	2.17
2.0+2.5+2.5+5.0	22.0	9.05	2.63	9.47	2.68	9.88	2.73	10.09	2.76	10.71	2.83	11.13	2.89
	25.0	8.80	2.72	9.22	2.78	9.63	2.83	9.84	2.85	10.46	2.93	10.87	2.98
	32.0	8.21	2.96	8.63	3.02	9.04	3.07	9.25	3.09	9.87	3.17	10.29	3.22
	35.0	7.96	3.08	8.38	3.13	8.79	3.18	9.00	3.20	9.62	3.28	10.04	3.33
	40.0	7.54	3.27	7.96	3.32	8.35	3.34	8.55	3.34	9.11	3.34	9.48	3.34
	43.0	6.97	2.75	7.28	2.75	7.62	2.75	7.75	2.75	8.24	2.75	8.54	2.75
	46.0	6.13	2.17	6.38	2.17	6.62	2.17	6.74	2.17	7.10	2.17	7.32	2.17
2.0+2.5+2.5+6.0	22.0	9.32	2.61	9.75	2.66	10.18	2.72	10.39	2.74	11.03	2.82	11.46	2.87
	25.0	9.07	2.71	9.49	2.76	9.92	2.81	10.13	2.83	10.77	2.91	11.20	2.96
	32.0	8.46	2.95	8.89	3.00	9.32	3.05	9.53	3.07	10.17	3.15	10.60	3.20
	35.0	8.20	3.06	8.63	3.11	9.06	3.16	9.27	3.18	9.91	3.26	10.34	3.31
	40.0	7.77	3.25	8.20	3.30	8.61	3.34	8.81	3.34	9.39	3.34	9.76	3.34
	43.0	7.15	2.75	7.49	2.75	7.82	2.75	7.98	2.75	8.46	2.75	8.76	2.75
	46.0	6.22	2.17	6.48	2.17	6.75	2.17	6.86	2.17	7.25	2.17	7.49	2.17
2.0+2.5+3.5+3.5	22.0	8.93	2.60	9.34	2.65	9.75	2.70	9.96	2.72	10.57	2.80	10.98	2.85
	25.0	8.68	2.69	9.09	2.74	9.50	2.79	9.71	2.82	10.32	2.89	10.73	2.94
	32.0	8.11	2.93	8.51	2.98	8.92	3.03	9.13	3.05	9.74	3.13	10.15	3.18
	35.0	7.86	3.04	8.27	3.09	8.68	3.14	8.88	3.16	9.49	3.24	9.90	3.29
	40.0	7.44	3.23	7.85	3.28	8.26	3.33	8.45	3.34	9.02	3.34	9.38	3.34
	43.0	6.88	2.75	7.22	2.75	7.54	2.75	7.70	2.75	8.16	2.75	8.46	2.75
	46.0	6.05	2.17	6.30	2.17	6.55	2.17	6.67	2.17	7.03	2.17	7.26	2.17
2.0+2.5+3.5+5.0	22.0	9.33	2.78	9.76	2.83	10.19	2.89	10.40	2.91	11.04	2.99	11.47	3.05
	25.0	9.08	2.88	9.50	2.93	9.93	2.99	10.14	3.01	10.79	3.09	11.21	3.15
	32.0	8.47	3.13	8.90	3.19	9.33	3.24	9.54	3.27	10.18	3.35	10.61	3.40
	35.0	8.21	3.25	8.64	3.30	9.07	3.36	9.28	3.38	9.92	3.46	10.35	3.52
	40.0	7.74	3.34	8.13	3.34	8.54	3.34	8.69	3.34	9.29	3.34	9.66	3.34
	43.0	7.18	2.75	7.50	2.75	7.81	2.75	7.96	2.75	8.24	2.75	8.70	2.75
	46.0	6.32	2.17	6.56	2.17	6.81	2.17	6.93	2.17	7.28	2.17	7.51	2.17
2.0+3.5+3.5+3.5	22.0	9.23	2.79	9.66	2.85	10.08	2.90	10.29	2.93	10.93	3.01	11.35	3.07
	25.0	8.98	2.89	9.40	2.95	9.82	3.00	10.03	3.03	10.67	3.11	11.09	3.17
	32.0	8.38	3.15	8.80	3.20	9.22	3.26	9.44	3.29	10.07	3.37	10.49	3.42
	35.0	8.12	3.27	8.55	3.32	8.97	3.38	9.18	3.40	9.81	3.49	10.24	3.54
	40.0	7.66	3.34	8.06	3.34	8.44	3.34	8.63	3.34	9.19	3.34	9.55	3.34
	43.0	7.09	2.75	7.42	2.75	7.72	2.75	7.87	2.75	8.34	2.75	8.62	2.75
	46.0	6.23	2.17	6.48	2.17	6.73	2.17	6.85	2.17	7.20	2.17	7.44	2.17
2.5+2.5+2.5+2.5	22.0	8.46	2.31	8.85	2.35	9.23	2.40	9.43	2.42	10.01	2.49	10.40	2.53
	25.0	8.22	2.39	8.61	2.44	9.00	2.48	9.19	2.50	9.77	2.57	10.16	2.62
	32.0	7.68	2.60	8.06	2.65	8.45	2.69	8.64	2.72	9.23	2.78	9.61	2.83
	35.0	7.44	2.70	7.83	2.75	8.22	2.79	8.41	2.81	8.99	2.88	9.38	2.93
	40.0	7.05	2.87	7.44	2.92	7.82	2.96	8.02	2.99	8.60	3.05	8.99	3.10
	43.0	6.67	2.75	7.00	2.75	7.33	2.75	7.49	2.75	7.96	2.75	8.26	2.75
	46.0	5.82	2.17	6.08	2.17	6.33	2.17	6.46	2.17	6.83	2.17	7.07	2.17
2.5+2.5+2.5+3.5	22.0	8.81	2.49	9.22	2.54	9.62	2.59	9.82	2.61	10.43	2.68	10.83	2.73
	25.0	8.57	2.58	8.97	2.63	9.37	2.68	9.58	2.70	10.18	2.77	10.58	2.82
	32.0	8.00	2.81	8.40	2.86	8.80	2.90	9.00	2.93	9.61	3.00	10.01	3.05
	35.0	7.75	2.91	8.15	2.96	8.56	3.01	8.76	3.03	9.37	3.11	9.77	3.15
	40.0	7.34	3.10	7.75	3.15	8.15	3.20	8.35	3.22	8.96	3.29	9.36	3.34
	43.0	6.84	2.75	7.17	2.75	7.49	2.75	7.65	2.75	8.12	2.75	8.42	2.75
	46.0	5.97	2.17	6.22	2.17	6.49	2.17	6.61	2.17	6.98	2.17	7.22	2.17
2.5+2.5+2.5+5.0	22.0	9.19	2.69	9.61	2.74	10.04	2.79	10.25	2.82	10.88	2.90	11.30	2.95
	25.0	8.94	2.78	9.36	2.84	9.78	2.89	9.99	2.91	10.62	2.99	11.04	3.05
	32.0	8.34	3.03	8.76	3.08	9.18	3.13	9.40	3.16	10.03	3.24	10.45	3.29
	35.0	8.09	3.14	8.51	3.19	8.93	3.25	9.14	3.27	9.77	3.35	10.19	3.40
	40.0	7.66	3.34	8.06	3.34	8.45	3.34	8.64	3.34	9.21	3.34	9.57	3.34
	43.0	7.07	2.75	7.39	2.75	7.69	2.75	7.86	2.75	8.30	2.75	8.59	2.75
	46.0	6.22	2.17	6.47	2.17	6.71	2.17	6.83	2.17	7.19	2.17	7.42	2.17

3D050147#9

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS75DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+2.5+2.5+6.0	22.0	9.32	2.59	9.75	2.64	10.18	2.69	10.39	2.71	11.03	2.79	11.46	2.84
	25.0	9.07	2.68	9.49	2.73	9.92	2.78	10.13	2.81	10.77	2.88	11.20	2.93
	32.0	8.46	2.92	8.89	2.97	9.32	3.02	9.53	3.04	10.17	3.12	10.60	3.17
	35.0	8.20	3.03	8.63	3.08	9.06	3.13	9.27	3.15	9.91	3.23	10.34	3.28
	40.0	7.77	3.22	8.20	3.27	8.62	3.32	8.83	3.34	9.41	3.34	9.79	3.34
	43.0	7.16	2.75	7.50	2.75	7.83	2.75	7.99	2.75	8.47	2.75	8.78	2.75
	46.0	6.22	2.17	6.48	2.17	6.75	2.17	6.85	2.17	7.25	2.17	7.50	2.17
2.5+2.5+3.5+3.5	22.0	9.06	2.61	9.48	2.66	9.89	2.72	10.10	2.74	10.72	2.82	11.14	2.87
	25.0	8.81	2.71	9.23	2.76	9.64	2.81	9.85	2.83	10.47	2.91	10.89	2.96
	32.0	8.22	2.95	8.64	3.00	9.05	3.05	9.26	3.07	9.88	3.15	10.30	3.20
	35.0	7.97	3.06	8.39	3.11	8.80	3.16	9.01	3.18	9.63	3.26	10.05	3.31
	40.0	7.55	3.25	7.97	3.30	8.37	3.34	8.57	3.34	9.13	3.34	9.50	3.34
	43.0	6.97	2.75	7.31	2.75	7.63	2.75	7.79	2.75	8.26	2.75	8.56	2.75
	46.0	6.12	2.17	6.37	2.17	6.62	2.17	6.74	2.17	7.10	2.17	7.32	2.17
2.5+2.5+3.5+5.0	22.0	9.33	2.77	9.76	2.82	10.19	2.88	10.40	2.90	11.04	2.99	11.47	3.04
	25.0	9.08	2.87	9.50	2.92	9.93	2.98	10.14	3.00	10.79	3.08	11.21	3.14
	32.0	8.47	3.12	8.90	3.18	9.33	3.23	9.54	3.26	10.18	3.34	10.61	3.39
	35.0	8.21	3.24	8.64	3.29	9.07	3.35	9.28	3.37	9.92	3.45	10.35	3.51
	40.0	7.74	3.34	8.13	3.34	8.54	3.34	8.69	3.34	9.30	3.34	9.66	3.34
	43.0	7.18	2.75	7.50	2.75	7.81	2.75	7.96	2.75	8.42	2.75	8.70	2.75
	46.0	6.32	2.17	6.56	2.17	6.81	2.17	6.93	2.17	7.28	2.17	7.51	2.17
2.5+3.5+3.5+3.5	22.0	9.29	2.80	9.72	2.86	10.15	2.91	10.36	2.94	11.00	3.02	11.42	3.08
	25.0	9.04	2.90	9.46	2.96	9.89	3.01	10.10	3.04	10.74	3.12	11.16	3.18
	32.0	8.43	3.16	8.86	3.21	9.29	3.27	9.50	3.30	10.14	3.38	10.56	3.43
	35.0	8.18	3.28	8.60	3.33	9.03	3.39	9.24	3.41	9.88	3.50	10.30	3.55
	40.0	7.69	3.34	8.09	3.34	8.49	3.34	8.68	3.34	9.24	3.34	9.61	3.34
	43.0	7.13	2.75	7.45	2.75	7.76	2.75	7.92	2.75	8.37	2.75	8.67	2.75
	46.0	6.26	2.17	6.51	2.17	6.76	2.17	6.88	2.17	7.23	2.17	7.46	2.17

3D050147#10

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS90DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0	22.0	2.60	0.60	2.71	0.61	2.83	0.62	2.89	0.63	3.07	0.65	3.19	0.66
	25.0	2.52	0.62	2.64	0.63	2.76	0.64	2.82	0.65	3.00	0.67	3.12	0.68
	32.0	2.35	0.68	2.47	0.69	2.59	0.70	2.65	0.71	2.83	0.72	2.95	0.73
	35.0	2.28	0.70	2.40	0.71	2.52	0.72	2.58	0.73	2.76	0.75	2.88	0.76
	40.0	2.16	0.75	2.28	0.76	2.40	0.77	2.46	0.78	2.64	0.79	2.76	0.80
	43.0	2.09	0.77	2.21	0.79	2.33	0.80	2.39	0.80	2.57	0.82	2.68	0.83
	46.0	2.02	0.80	2.14	0.82	2.26	0.83	2.32	0.83	2.49	0.85	2.61	0.86
2.5	22.0	2.63	0.56	3.23	0.70	3.84	0.85	3.92	0.86	4.17	0.89	4.33	0.90
	25.0	2.63	0.60	3.23	0.75	3.75	0.88	3.83	0.89	4.07	0.92	4.23	0.93
	32.0	2.63	0.71	3.23	0.89	3.52	0.96	3.60	0.97	3.84	0.99	4.00	1.01
	35.0	2.63	0.77	3.23	0.96	3.42	0.99	3.50	1.00	3.74	1.03	3.90	1.04
	40.0	2.63	0.88	3.10	1.04	3.26	1.05	3.34	1.06	3.58	1.09	3.74	1.10
	43.0	2.63	0.95	3.00	1.08	3.16	1.09	3.24	1.10	3.48	1.13	3.64	1.14
	46.0	2.63	1.04	2.90	1.12	3.06	1.13	3.14	1.14	3.38	1.17	3.54	1.18
3.5	22.0	3.00	0.63	3.68	0.79	4.42	0.98	4.90	1.53	5.83	1.36	6.06	1.38
	25.0	3.00	0.67	3.68	0.85	4.42	1.04	4.90	1.53	5.69	1.40	5.92	1.42
	32.0	3.00	0.79	3.68	1.00	4.42	1.24	4.90	1.53	5.38	1.52	5.60	1.54
	35.0	3.00	0.85	3.68	1.07	4.42	1.34	4.90	1.53	5.24	1.57	5.46	1.59
	40.0	3.00	0.97	3.68	1.23	4.42	1.53	4.67	1.63	5.01	1.66	5.24	1.69
	43.0	3.00	1.05	3.68	1.33	4.42	1.67	4.53	1.69	4.87	1.72	5.10	1.75
	46.0	3.00	1.14	3.68	1.45	4.29	1.73	4.40	1.75	4.74	1.78	4.96	1.81
5.0	22.0	4.33	1.10	5.32	1.44	5.71	1.54	5.83	1.55	6.19	1.59	6.43	1.62
	25.0	4.33	1.19	5.32	1.56	5.56	1.59	5.68	1.60	6.04	1.65	6.28	1.68
	32.0	4.33	1.43	4.99	1.70	5.23	1.72	5.35	1.74	5.70	1.78	5.94	1.81
	35.0	4.33	1.56	4.84	1.76	5.08	1.79	5.20	1.80	5.56	1.85	5.80	1.87
	40.0	4.33	1.82	4.60	1.87	4.84	1.90	4.96	1.91	5.32	1.96	5.56	1.98
	43.0	4.21	1.91	4.45	1.94	4.69	1.97	4.81	1.98	5.17	2.03	5.41	2.05
	46.0	4.07	1.98	4.31	2.01	4.55	2.04	4.67	2.06	5.03	2.10	5.27	2.13
6.0	22.0	5.60	1.31	6.88	1.74	7.40	1.87	7.56	1.89	8.02	1.94	8.33	1.97
	25.0	5.60	1.41	6.88	1.89	7.21	1.93	7.37	1.95	7.83	2.00	8.14	2.04
	32.0	5.60	1.71	6.46	2.06	6.77	2.10	6.93	2.12	7.39	2.17	7.70	2.20
	35.0	5.60	1.87	6.27	2.14	6.58	2.17	6.74	2.19	7.21	2.24	7.52	2.28
	40.0	5.60	2.20	5.96	2.27	6.27	2.31	6.43	2.33	6.89	2.38	7.20	2.41
	43.0	5.46	2.32	5.77	2.36	6.08	2.39	6.24	2.41	6.70	2.46	7.01	2.50
	46.0	5.08	2.19	5.34	2.19	5.59	2.19	5.71	2.19	6.07	2.19	6.30	2.19
7.1	22.0	5.94	1.53	7.29	2.06	8.07	2.36	8.24	2.38	8.75	2.44	9.09	2.49
	25.0	5.94	1.65	7.29	2.25	7.87	2.44	8.03	2.46	8.54	2.53	8.88	2.57
	32.0	5.94	2.01	7.05	2.60	7.39	2.64	7.56	2.67	8.06	2.73	8.40	2.78
	35.0	5.94	2.20	6.84	2.70	7.18	2.74	7.35	2.76	7.86	2.83	8.20	2.87
	40.0	5.94	2.60	6.50	2.87	6.84	2.91	7.01	2.93	7.52	3.00	7.85	3.04
	43.0	5.89	2.76	6.20	2.76	6.50	2.76	6.64	2.76	7.07	2.76	7.35	2.76
	46.0	5.26	2.19	5.50	2.19	5.74	2.19	5.85	2.19	6.19	2.19	6.41	2.19
2.0+2.0	22.0	5.26	1.18	5.60	1.24	5.84	1.26	5.96	1.28	6.33	1.31	6.58	1.33
	25.0	5.20	1.26	5.45	1.28	5.69	1.31	5.82	1.32	6.18	1.35	6.43	1.38
	32.0	4.86	1.37	5.10	1.39	5.35	1.42	5.47	1.43	5.84	1.47	6.08	1.49
	35.0	4.71	1.42	4.95	1.45	5.20	1.47	5.32	1.48	5.69	1.52	5.93	1.54
	40.0	4.46	1.51	4.70	1.54	4.95	1.56	5.07	1.57	5.44	1.61	5.69	1.63
	43.0	4.31	1.57	4.56	1.59	4.80	1.62	4.92	1.63	5.29	1.67	5.54	1.69
	46.0	4.16	1.63	4.41	1.65	4.65	1.68	4.78	1.69	5.14	1.73	5.39	1.75
2.0+2.5	22.0	5.26	1.18	6.01	1.39	6.27	1.42	6.40	1.43	6.80	1.47	7.06	1.50
	25.0	5.26	1.29	5.85	1.44	6.11	1.47	6.24	1.48	6.64	1.52	6.90	1.55
	32.0	5.21	1.54	5.47	1.56	5.74	1.59	5.87	1.60	6.26	1.64	6.53	1.67
	35.0	5.05	1.60	5.32	1.62	5.58	1.65	5.71	1.66	6.10	1.70	6.37	1.73
	40.0	4.79	1.70	5.05	1.72	5.31	1.75	5.44	1.76	5.84	1.80	6.10	1.83
	43.0	4.63	1.76	4.89	1.79	5.15	1.82	5.28	1.83	5.68	1.87	5.94	1.89
	46.0	4.47	1.83	4.73	1.86	4.99	1.88	5.13	1.90	5.52	1.94	5.78	1.96
2.0+3.5	22.0	5.63	1.35	6.88	1.78	7.18	1.82	7.33	1.84	7.78	1.89	8.09	1.92
	25.0	5.63	1.46	6.70	1.85	7.00	1.88	7.15	1.90	7.60	1.95	7.90	1.98
	32.0	5.63	1.77	6.27	2.01	6.57	2.04	6.72	2.06	7.17	2.11	7.48	2.14
	35.0	5.63	1.94	6.09	2.08	6.39	2.12	6.54	2.13	6.99	2.18	7.29	2.22
	40.0	5.48	2.18	5.78	2.21	6.08	2.25	6.24	2.26	6.69	2.31	6.99	2.35
	43.0	5.30	2.26	5.60	2.29	5.90	2.33	6.05	2.35	6.50	2.40	6.81	2.43
	46.0	4.98	2.19	5.24	2.19	5.49	2.19	5.61	2.19	5.97	2.19	6.20	2.19

3D050149#1

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS90DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+5.0	22.0	6.96	2.01	7.63	2.25	7.96	2.29	8.13	2.31	8.63	2.37	8.96	2.42
	25.0	6.96	2.20	7.42	2.32	7.76	2.37	7.93	2.39	8.43	2.45	8.76	2.50
	32.0	6.62	2.48	6.95	2.53	7.29	2.57	7.45	2.59	7.95	2.65	8.29	2.70
	35.0	6.41	2.58	6.75	2.62	7.08	2.66	7.25	2.68	7.75	2.75	8.09	2.79
	40.0	6.08	2.74	6.41	2.78	6.75	2.83	6.91	2.85	7.41	2.91	7.75	2.95
	43.0	5.84	2.76	6.15	2.76	6.45	2.76	6.59	2.76	7.03	2.76	7.31	2.76
	46.0	5.21	2.19	5.45	2.19	5.69	2.19	5.80	2.19	6.14	2.19	6.37	2.19
2.0+6.0	22.0	7.80	2.19	8.15	2.23	8.51	2.27	8.69	2.29	9.22	2.36	9.58	2.40
	25.0	7.58	2.26	7.94	2.31	8.29	2.35	8.47	2.37	9.01	2.43	9.36	2.48
	32.0	7.07	2.46	7.43	2.51	7.79	2.55	7.97	2.57	8.50	2.63	8.86	2.68
	35.0	6.86	2.56	7.21	2.60	7.57	2.64	7.75	2.66	8.29	2.73	8.64	2.77
	40.0	6.50	2.72	6.85	2.76	7.21	2.80	7.39	2.83	7.92	2.89	8.28	2.93
	43.0	6.25	2.76	6.57	2.76	6.89	2.76	7.04	2.76	7.50	2.76	7.79	2.76
	46.0	5.51	2.19	5.76	2.19	6.01	2.19	6.13	2.19	6.49	2.19	6.73	2.19
2.0+7.1	22.0	8.05	2.29	8.42	2.34	8.78	2.38	8.97	2.40	9.52	2.47	9.89	2.52
	25.0	7.82	2.38	8.19	2.42	8.56	2.46	8.75	2.49	9.30	2.55	9.67	2.60
	32.0	7.30	2.58	7.67	2.63	8.04	2.67	8.22	2.70	8.78	2.76	9.14	2.81
	35.0	7.08	2.68	7.45	2.73	7.82	2.77	8.00	2.79	8.55	2.86	8.92	2.90
	40.0	6.71	2.85	7.07	2.90	7.44	2.94	7.63	2.96	8.18	3.03	8.55	3.08
	43.0	6.38	2.76	6.70	2.76	7.02	2.76	7.17	2.76	7.63	2.76	7.92	2.76
	46.0	5.62	2.19	5.88	2.19	6.13	2.19	6.25	2.19	6.61	2.19	6.84	2.19
2.5+2.5	22.0	5.26	1.20	6.46	1.57	6.90	1.66	7.04	1.68	7.47	1.73	7.76	1.76
	25.0	5.26	1.29	6.43	1.69	6.72	1.72	6.86	1.74	7.30	1.78	7.59	1.82
	32.0	5.26	1.56	6.02	1.84	6.31	1.87	6.46	1.88	6.89	1.93	7.18	1.96
	35.0	5.26	1.70	5.85	1.91	6.14	1.94	6.28	1.95	6.71	2.00	7.00	2.03
	40.0	5.26	1.99	5.55	2.03	5.84	2.06	5.99	2.07	6.42	2.12	6.71	2.15
	43.0	5.09	2.07	5.38	2.10	5.67	2.13	5.81	2.15	6.25	2.19	6.54	2.23
	46.0	4.91	2.15	5.20	2.18	5.47	2.19	5.60	2.19	5.96	2.19	6.20	2.19
2.5+3.5	22.0	5.63	1.35	6.91	1.80	7.47	1.96	7.62	1.97	8.09	2.03	8.41	2.07
	25.0	5.63	1.46	6.91	1.96	7.28	2.02	7.43	2.04	7.90	2.10	8.22	2.13
	32.0	5.63	1.77	6.52	2.16	6.83	2.19	6.99	2.21	7.46	2.27	7.77	2.30
	35.0	5.63	1.94	6.33	2.24	6.64	2.27	6.80	2.29	7.27	2.35	7.58	2.38
	40.0	5.63	2.28	6.01	2.38	6.33	2.41	6.48	2.43	6.95	2.49	7.27	2.52
	43.0	5.51	2.43	5.82	2.47	6.14	2.50	6.29	2.52	6.76	2.58	7.08	2.61
	46.0	5.06	2.19	5.31	2.19	5.55	2.19	5.67	2.19	6.03	2.19	6.26	2.19
2.5+5.0	22.0	6.96	2.02	7.90	2.41	8.25	2.46	8.42	2.48	8.94	2.55	9.28	2.60
	25.0	6.96	2.20	7.69	2.50	8.04	2.54	8.21	2.57	8.73	2.64	9.07	2.68
	32.0	6.85	2.67	7.20	2.71	7.55	2.76	7.72	2.78	8.24	2.85	8.58	2.90
	35.0	6.65	2.77	6.99	2.81	7.34	2.86	7.51	2.88	8.03	2.95	8.37	3.00
	40.0	6.30	2.94	6.64	2.99	6.99	3.04	7.16	3.06	7.68	3.13	8.03	3.18
	43.0	5.99	2.76	6.29	2.76	6.59	2.76	6.73	2.76	7.16	2.76	7.44	2.76
	46.0	5.35	2.19	5.59	2.19	5.82	2.19	5.94	2.19	6.27	2.19	6.49	2.19
2.5+6.0	22.0	7.91	2.26	8.27	2.30	8.63	2.35	8.81	2.37	9.35	2.44	9.72	2.48
	25.0	7.69	2.34	8.05	2.39	8.41	2.43	8.59	2.45	9.14	2.52	9.50	2.56
	32.0	7.17	2.55	7.54	2.59	7.90	2.64	8.08	2.66	8.62	2.72	8.98	2.77
	35.0	6.95	2.64	7.32	2.69	7.68	2.73	7.86	2.75	8.40	2.82	8.77	2.86
	40.0	6.59	2.81	6.95	2.86	7.31	2.90	7.49	2.92	8.04	2.99	8.40	3.03
	43.0	6.29	2.76	6.61	2.76	6.92	2.76	7.08	2.76	7.53	2.76	7.82	2.76
	46.0	5.55	2.19	5.80	2.19	6.05	2.19	6.17	2.19	6.53	2.19	6.76	2.19
2.5+7.1	22.0	8.28	2.45	8.66	2.50	9.04	2.54	9.23	2.57	9.80	2.64	10.17	2.69
	25.0	8.05	2.54	8.43	2.58	8.81	2.63	9.00	2.66	9.57	2.73	9.94	2.78
	32.0	7.51	2.76	7.89	2.81	8.27	2.86	8.46	2.88	9.03	2.95	9.41	3.00
	35.0	7.28	2.86	7.66	2.91	8.04	2.96	8.23	2.98	8.80	3.05	9.18	3.10
	40.0	6.90	3.05	7.28	3.09	7.66	3.14	7.85	3.17	8.42	3.24	8.79	3.29
	43.0	6.49	2.76	6.81	2.76	7.12	2.76	7.27	2.76	7.72	2.76	8.02	2.76
	46.0	5.72	2.19	5.97	2.19	6.23	2.19	6.35	2.19	6.71	2.19	6.94	2.19
3.5+3.5	22.0	6.00	1.56	7.37	2.12	7.98	2.32	8.15	2.34	8.65	2.41	8.99	2.45
	25.0	6.00	1.69	7.37	2.31	7.78	2.40	7.95	2.42	8.45	2.49	8.78	2.53
	32.0	6.00	2.06	6.97	2.56	7.31	2.61	7.47	2.63	7.98	2.69	8.31	2.74
	35.0	6.00	2.27	6.77	2.66	7.10	2.70	7.27	2.72	7.77	2.79	8.11	2.83
	40.0	6.00	2.69	6.43	2.82	6.76	2.87	6.93	2.89	7.43	2.96	7.77	3.00
	43.0	5.84	2.76	6.15	2.76	6.45	2.76	6.59	2.76	7.02	2.76	7.30	2.76
	46.0	5.22	2.19	5.46	2.19	5.69	2.19	5.81	2.19	6.15	2.19	6.37	2.19

3D050149#2

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS90DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
3.5+5.0	22.0	7.33	2.23	8.28	2.66	8.64	2.71	8.82	2.73	9.37	2.81	9.73	2.86
	25.0	7.33	2.44	8.06	2.75	8.42	2.80	8.60	2.83	9.15	2.90	9.51	2.95
	32.0	7.18	2.94	7.55	2.99	7.91	3.04	8.09	3.06	8.63	3.14	9.00	3.19
	35.0	6.96	3.05	7.33	3.10	7.69	3.15	7.87	3.17	8.41	3.25	8.78	3.30
	40.0	6.60	3.24	6.96	3.29	7.32	3.34	7.50	3.34	8.01	3.34	8.34	3.34
	43.0	6.23	2.76	6.53	2.76	6.83	2.76	6.97	2.76	7.40	2.76	7.67	2.76
	46.0	5.57	2.19	5.81	2.19	6.04	2.19	6.16	2.19	6.49	2.19	6.71	2.19
3.5+6.0	22.0	8.23	2.45	8.61	2.50	8.98	2.54	9.17	2.57	9.74	2.64	10.11	2.69
	25.0	8.00	2.54	8.38	2.58	8.75	2.63	8.94	2.66	9.51	2.73	9.88	2.78
	32.0	7.47	2.76	7.84	2.81	8.22	2.86	8.41	2.88	8.97	2.95	9.35	3.00
	35.0	7.24	2.86	7.61	2.91	7.99	2.96	8.18	2.98	8.75	3.05	9.12	3.10
	40.0	6.86	3.05	7.23	3.09	7.61	3.14	7.80	3.17	8.36	3.24	8.74	3.29
	43.0	6.45	2.76	6.77	2.76	7.08	2.76	7.23	2.76	7.68	2.76	7.97	2.76
	46.0	5.71	2.19	5.96	2.19	6.20	2.19	6.32	2.19	6.68	2.19	6.91	2.19
3.5+7.1	22.0	8.53	2.75	8.92	2.81	9.31	2.86	9.51	2.89	10.09	2.97	10.48	3.02
	25.0	8.29	2.85	8.68	2.91	9.07	2.96	9.27	2.99	9.86	3.07	10.25	3.12
	32.0	7.74	3.10	8.13	3.16	8.52	3.21	8.72	3.24	9.30	3.32	9.69	3.37
	35.0	7.50	3.22	7.89	3.27	8.28	3.33	8.48	3.35	9.07	3.43	9.46	3.49
	40.0	7.10	3.34	7.48	3.34	7.84	3.34	8.02	3.34	8.55	3.34	8.90	3.34
	43.0	6.65	2.76	6.96	2.76	7.26	2.76	7.41	2.76	7.84	2.76	8.12	2.76
	46.0	5.91	2.19	6.15	2.19	6.39	2.19	6.51	2.19	6.85	2.19	7.08	2.19
5.0+5.0	22.0	8.38	2.89	8.76	2.95	9.15	3.01	9.34	3.03	9.91	3.12	10.30	3.17
	25.0	8.15	3.00	8.53	3.05	8.91	3.11	9.11	3.14	9.68	3.22	10.07	3.28
	32.0	7.60	3.26	7.99	3.32	8.37	3.37	8.56	3.40	9.14	3.49	9.52	3.54
	35.0	7.37	3.38	7.75	3.44	8.14	3.50	8.33	3.52	8.91	3.61	9.29	3.66
	40.0	6.98	3.34	7.36	3.34	7.72	3.34	7.89	3.34	8.41	3.34	8.74	3.34
	43.0	6.60	2.76	6.90	2.76	7.20	2.76	7.34	2.76	7.76	2.76	8.04	2.76
	46.0	5.90	2.19	6.14	2.19	6.37	2.19	6.48	2.19	6.81	2.19	7.03	2.19
5.0+6.0	22.0	8.62	2.65	9.02	2.70	9.41	2.75	9.61	2.78	10.20	2.85	10.59	2.90
	25.0	8.38	2.74	8.78	2.79	9.17	2.84	9.37	2.87	9.96	2.95	10.36	3.00
	32.0	7.82	2.98	8.22	3.03	8.61	3.09	8.81	3.11	9.40	3.19	9.80	3.24
	35.0	7.58	3.09	7.98	3.15	8.37	3.20	8.57	3.22	9.16	3.30	9.56	3.35
	40.0	7.18	3.29	7.58	3.34	7.95	3.34	8.14	3.34	8.68	3.34	9.03	3.34
	43.0	6.70	2.76	7.02	2.76	7.33	2.76	7.48	2.76	7.93	2.76	8.22	2.76
	46.0	5.93	2.19	6.17	2.19	6.42	2.19	6.54	2.19	6.89	2.19	7.12	2.19
5.0+7.1	22.0	8.78	2.83	9.18	2.88	9.59	2.94	9.79	2.96	10.39	3.05	10.79	3.10
	25.0	8.54	2.93	8.94	2.98	9.34	3.04	9.54	3.07	10.15	3.15	10.55	3.20
	32.0	7.97	3.19	8.37	3.24	8.77	3.30	8.97	3.32	9.58	3.41	9.98	3.46
	35.0	7.72	3.31	8.13	3.36	8.53	3.42	8.73	3.44	9.33	3.53	9.74	3.58
	40.0	7.30	3.34	7.68	3.34	8.05	3.34	8.23	3.34	8.77	3.34	9.12	3.34
	43.0	6.82	2.76	7.14	2.76	7.44	2.76	7.59	2.76	8.03	2.76	8.32	2.76
	46.0	6.05	2.19	6.30	2.19	6.54	2.19	6.66	2.19	7.00	2.19	7.23	2.19
6.0+6.0	22.0	8.78	2.54	9.18	2.59	9.59	2.64	9.79	2.66	10.39	2.74	10.79	2.79
	25.0	8.54	2.63	8.94	2.68	9.34	2.73	9.54	2.75	10.15	2.83	10.55	2.88
	32.0	7.97	2.86	8.37	2.91	8.77	2.96	8.97	2.99	9.58	3.06	9.98	3.11
	35.0	7.72	2.97	8.13	3.02	8.53	3.07	8.73	3.09	9.33	3.17	9.74	3.22
	40.0	7.32	3.16	7.72	3.21	8.12	3.26	8.32	3.28	8.91	3.34	9.28	3.34
	43.0	6.82	2.76	7.14	2.76	7.46	2.76	7.62	2.76	8.08	2.76	8.38	2.76
	46.0	5.98	2.19	6.25	2.19	6.50	2.19	6.63	2.19	6.99	2.19	7.23	2.19
6.0+7.1	22.0	8.89	2.53	9.30	2.58	9.71	2.63	9.91	2.65	10.52	2.73	10.93	2.78
	25.0	8.65	2.62	9.05	2.67	9.46	2.72	9.66	2.75	10.27	2.82	10.68	2.87
	32.0	8.07	2.85	8.48	2.90	8.88	2.95	9.09	2.98	9.70	3.05	10.11	3.10
	35.0	7.82	2.96	8.23	3.01	8.64	3.06	8.84	3.08	9.45	3.16	9.86	3.21
	40.0	7.41	3.15	7.82	3.20	8.22	3.25	8.43	3.27	9.03	3.34	9.40	3.34
	43.0	6.89	2.76	7.22	2.76	7.55	2.76	7.71	2.76	8.17	2.76	8.48	2.76
	46.0	6.05	2.19	6.31	2.19	6.56	2.19	6.69	2.19	7.06	2.19	7.30	2.19
7.1+7.1	22.0	8.95	2.52	9.36	2.57	9.77	2.62	9.98	2.65	10.59	2.72	11.00	2.77
	25.0	8.70	2.61	9.11	2.66	9.52	2.71	9.73	2.74	10.34	2.81	10.75	2.86
	32.0	8.12	2.84	8.53	2.89	8.94	2.94	9.15	2.97	9.76	3.04	10.17	3.09
	35.0	7.87	2.95	8.28	3.00	8.69	3.05	8.90	3.07	9.52	3.15	9.93	3.20
	40.0	7.46	3.14	7.87	3.19	8.28	3.24	8.49	3.26	9.10	3.34	9.47	3.34
	43.0	6.94	2.76	7.27	2.76	7.60	2.76	7.76	2.76	8.23	2.76	8.53	2.76
	46.0	6.08	2.19	6.34	2.19	6.60	2.19	6.72	2.19	7.09	2.19	7.34	2.19

3D050149#3

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS90DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0	22.0	6.84	1.59	7.15	1.63	7.47	1.66	7.62	1.67	8.09	1.72	8.41	1.75
	25.0	6.65	1.65	6.96	1.68	7.28	1.71	7.43	1.73	7.90	1.78	8.22	1.81
	32.0	6.21	1.80	6.52	1.83	6.83	1.86	6.99	1.87	7.46	1.92	7.77	1.95
	35.0	6.02	1.86	6.33	1.90	6.64	1.93	6.80	1.94	7.27	1.99	7.58	2.02
	40.0	5.70	1.98	6.01	2.01	6.33	2.05	6.48	2.06	6.95	2.11	7.27	2.14
	43.0	5.51	2.06	5.82	2.09	6.14	2.12	6.29	2.14	6.76	2.18	7.08	2.21
	46.0	5.32	2.14	5.63	2.17	5.94	2.19	6.07	2.19	6.47	2.19	6.72	2.19
2.0+2.0+2.5	22.0	7.08	1.69	7.41	1.73	7.73	1.76	7.89	1.78	8.38	1.82	8.70	1.86
	25.0	6.88	1.75	7.21	1.79	7.53	1.82	7.70	1.84	8.18	1.89	8.51	1.92
	32.0	6.43	1.91	6.75	1.94	7.07	1.97	7.24	1.99	7.72	2.04	8.05	2.07
	35.0	6.23	1.98	6.55	2.01	6.88	2.05	7.04	2.06	7.53	2.11	7.85	2.14
	40.0	5.90	2.11	6.23	2.14	6.55	2.17	6.71	2.19	7.20	2.24	7.52	2.27
	43.0	5.70	2.19	6.03	2.22	6.35	2.25	6.52	2.27	7.00	2.32	7.33	2.35
	46.0	5.42	2.19	5.70	2.19	5.97	2.19	6.10	2.19	6.49	2.19	6.74	2.19
2.0+2.0+3.5	22.0	7.70	2.01	8.05	2.05	8.40	2.09	8.58	2.11	9.10	2.17	9.46	2.21
	25.0	7.48	2.09	7.83	2.12	8.19	2.16	8.36	2.18	8.89	2.24	9.24	2.28
	32.0	6.98	2.27	7.34	2.31	7.69	2.35	7.86	2.37	8.39	2.43	8.74	2.47
	35.0	6.77	2.35	7.12	2.39	7.47	2.43	7.65	2.45	8.18	2.51	8.53	2.55
	40.0	6.41	2.51	6.77	2.54	7.12	2.58	7.29	2.60	7.82	2.66	8.17	2.70
	43.0	6.20	2.60	6.55	2.64	6.90	2.68	7.08	2.70	7.61	2.76	7.92	2.76
	46.0	5.53	2.19	5.79	2.19	6.05	2.19	6.18	2.19	6.55	2.19	6.79	2.19
2.0+2.0+5.0	22.0	8.31	2.25	8.69	2.30	9.07	2.34	9.26	2.36	9.83	2.43	10.21	2.47
	25.0	8.08	2.33	8.46	2.38	8.84	2.42	9.03	2.44	9.60	2.51	9.98	2.55
	32.0	7.54	2.54	7.92	2.58	8.30	2.63	8.49	2.65	9.06	2.71	9.44	2.76
	35.0	7.31	2.63	7.69	2.68	8.07	2.72	8.26	2.74	8.83	2.81	9.21	2.85
	40.0	6.92	2.80	7.30	2.85	7.69	2.89	7.88	2.91	8.45	2.98	8.83	3.02
	43.0	6.60	2.76	6.93	2.76	7.26	2.76	7.42	2.76	7.89	2.76	8.20	2.76
	46.0	5.78	2.19	6.04	2.19	6.30	2.19	6.43	2.19	6.80	2.19	7.04	2.19
2.0+2.0+6.0	22.0	8.67	2.15	9.07	2.20	9.47	2.24	9.66	2.26	10.26	2.32	10.66	2.36
	25.0	8.43	2.23	8.83	2.27	9.22	2.31	9.42	2.34	10.02	2.40	10.42	2.44
	32.0	7.87	2.43	8.27	2.47	8.66	2.51	8.86	2.53	9.46	2.59	9.85	2.64
	35.0	7.63	2.52	8.02	2.56	8.42	2.60	8.62	2.62	9.22	2.69	9.61	2.73
	40.0	7.23	2.68	7.62	2.72	8.02	2.76	8.22	2.78	8.81	2.85	9.21	2.89
	43.0	6.97	2.76	7.33	2.76	7.67	2.76	7.84	2.76	8.34	2.76	8.67	2.76
	46.0	6.04	2.19	6.32	2.19	6.59	2.19	6.72	2.19	7.12	2.19	7.37	2.19
2.0+2.0+7.1	22.0	8.91	2.26	9.32	2.30	9.73	2.35	9.93	2.37	10.54	2.44	10.95	2.48
	25.0	8.66	2.34	9.07	2.39	9.48	2.43	9.69	2.45	10.30	2.52	10.71	2.56
	32.0	8.09	2.55	8.50	2.59	8.90	2.64	9.11	2.66	9.72	2.72	10.13	2.77
	35.0	7.84	2.64	8.25	2.69	8.66	2.73	8.86	2.75	9.47	2.82	9.88	2.86
	40.0	7.43	2.81	7.84	2.86	8.24	2.90	8.45	2.92	9.06	2.99	9.47	3.03
	43.0	7.06	2.76	7.41	2.76	7.75	2.76	7.92	2.76	8.42	2.76	8.74	2.76
	46.0	6.12	2.19	6.40	2.19	6.67	2.19	6.80	2.19	7.19	2.19	7.44	2.19
2.0+2.5+2.5	22.0	7.37	1.88	7.71	1.92	8.05	1.96	8.22	1.97	8.72	2.03	9.06	2.07
	25.0	7.17	1.95	7.51	1.99	7.84	2.02	8.01	2.04	8.52	2.10	8.86	2.13
	32.0	6.69	2.12	7.03	2.16	7.37	2.19	7.53	2.21	8.04	2.27	8.38	2.30
	35.0	6.49	2.20	6.82	2.24	7.16	2.27	7.33	2.29	7.84	2.35	8.17	2.38
	40.0	6.14	2.34	6.48	2.38	6.82	2.41	6.99	2.43	7.50	2.49	7.83	2.52
	43.0	5.94	2.43	6.28	2.47	6.62	2.50	6.78	2.52	7.29	2.58	7.63	2.61
	46.0	5.42	2.19	5.69	2.19	5.95	2.19	6.07	2.19	6.45	2.19	6.69	2.19
2.0+2.5+3.5	22.0	7.96	2.16	8.32	2.20	8.69	2.25	8.87	2.27	9.41	2.33	9.78	2.37
	25.0	7.74	2.24	8.10	2.28	8.46	2.32	8.65	2.34	9.19	2.41	9.56	2.45
	32.0	7.22	2.44	7.58	2.48	7.95	2.52	8.13	2.54	8.68	2.60	9.04	2.65
	35.0	7.00	2.53	7.36	2.57	7.73	2.61	7.91	2.63	8.46	2.70	8.82	2.74
	40.0	6.63	2.69	7.00	2.73	7.36	2.77	7.54	2.79	8.09	2.86	8.45	2.90
	43.0	6.39	2.76	6.72	2.76	7.05	2.76	7.21	2.76	7.67	2.76	7.97	2.76
	46.0	5.61	2.19	5.87	2.19	6.12	2.19	6.25	2.19	6.62	2.19	6.86	2.19
2.0+2.5+5.0	22.0	8.58	2.42	8.97	2.46	9.37	2.51	9.56	2.53	10.15	2.60	10.55	2.65
	25.0	8.34	2.50	8.73	2.55	9.13	2.60	9.32	2.62	9.91	2.69	10.31	2.74
	32.0	7.79	2.72	8.18	2.77	8.57	2.82	8.77	2.84	9.36	2.91	9.75	2.96
	35.0	7.55	2.83	7.94	2.87	8.33	2.92	8.53	2.94	9.12	3.01	9.51	3.06
	40.0	7.15	3.01	7.54	3.05	7.94	3.10	8.13	3.12	8.72	3.19	9.12	3.24
	43.0	6.71	2.76	7.04	2.76	7.37	2.76	7.52	2.76	7.99	2.76	8.29	2.76
	46.0	5.89	2.19	6.15	2.19	6.41	2.19	6.53	2.19	6.90	2.19	7.14	2.19

3D050149#4

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS90DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+6.0	22.0	8.80	2.23	9.20	2.27	9.61	2.31	9.81	2.34	10.41	2.40	10.82	2.44
	25.0	8.56	2.31	8.96	2.35	9.36	2.39	9.56	2.42	10.17	2.48	10.57	2.52
	32.0	7.99	2.51	8.39	2.55	8.79	2.60	8.99	2.62	9.60	2.68	10.00	2.73
	35.0	7.74	2.60	8.15	2.65	8.55	2.69	8.75	2.71	9.35	2.78	9.76	2.82
	40.0	7.33	2.77	7.74	2.81	8.14	2.86	8.34	2.88	8.95	2.94	9.35	2.99
	43.0	7.00	2.76	7.35	2.76	7.70	2.76	7.87	2.76	8.36	2.76	8.68	2.76
	46.0	6.07	2.19	6.35	2.19	6.62	2.19	6.75	2.19	7.14	2.19	7.40	2.19
2.0+2.5+7.1	22.0	8.98	2.30	9.39	2.35	9.81	2.39	10.01	2.41	10.63	2.48	11.04	2.53
	25.0	8.73	2.38	9.14	2.43	9.56	2.47	9.76	2.50	10.38	2.56	10.79	2.61
	32.0	8.15	2.59	8.56	2.64	8.97	2.68	9.18	2.71	9.80	2.77	10.21	2.82
	35.0	7.90	2.69	8.31	2.74	8.72	2.78	8.93	2.80	9.55	2.87	9.96	2.91
	40.0	7.49	2.86	7.90	2.91	8.31	2.95	8.51	2.97	9.13	3.04	9.54	3.09
	43.0	7.07	2.76	7.43	2.76	7.77	2.76	7.94	2.76	8.43	2.76	8.75	2.76
	46.0	6.14	2.19	6.42	2.19	6.69	2.19	6.82	2.19	7.21	2.19	7.46	2.19
2.0+3.5+3.5	22.0	8.33	2.31	8.71	2.35	9.09	2.40	9.28	2.42	9.85	2.49	10.24	2.53
	25.0	8.10	2.39	8.48	2.44	8.86	2.48	9.05	2.50	9.62	2.57	10.00	2.62
	32.0	7.56	2.60	7.94	2.65	8.32	2.69	8.51	2.72	9.08	2.78	9.47	2.83
	35.0	7.33	2.70	7.71	2.75	8.09	2.79	8.28	2.81	8.85	2.88	9.23	2.93
	40.0	6.94	2.87	7.32	2.92	7.70	2.96	7.89	2.99	8.47	3.05	8.85	3.10
	43.0	6.58	2.76	6.91	2.76	7.23	2.76	7.39	2.76	7.86	2.76	8.16	2.76
	46.0	5.78	2.19	6.04	2.19	6.29	2.19	6.41	2.19	6.78	2.19	7.02	2.19
2.0+3.5+5.0	22.0	8.81	2.55	9.22	2.60	9.62	2.65	9.82	2.67	10.43	2.75	10.83	2.80
	25.0	8.57	2.64	8.97	2.69	9.37	2.74	9.58	2.76	10.18	2.84	10.58	2.89
	32.0	8.00	2.87	8.40	2.92	8.80	2.97	9.00	3.00	9.61	3.07	10.01	3.12
	35.0	7.75	2.98	8.15	3.03	8.56	3.08	8.76	3.10	9.37	3.18	9.77	3.23
	40.0	7.34	3.17	7.75	3.22	8.15	3.27	8.35	3.29	8.94	3.34	9.30	3.34
	43.0	6.83	2.76	7.16	2.76	7.48	2.76	7.64	2.76	8.10	2.76	8.40	2.76
	46.0	6.01	2.19	6.27	2.19	6.52	2.19	6.64	2.19	7.01	2.19	7.24	2.19
2.0+3.5+6.0	22.0	8.96	2.31	9.37	2.35	9.78	2.40	9.99	2.42	10.60	2.49	11.01	2.53
	25.0	8.71	2.39	9.12	2.44	9.53	2.48	9.74	2.50	10.36	2.57	10.77	2.62
	32.0	8.13	2.60	8.54	2.65	8.95	2.69	9.16	2.72	9.77	2.78	10.19	2.83
	35.0	7.88	2.70	8.29	2.75	8.70	2.79	8.91	2.81	9.53	2.88	9.94	2.93
	40.0	7.47	2.87	7.88	2.92	8.29	2.96	8.50	2.99	9.11	3.05	9.52	3.10
	43.0	7.05	2.76	7.40	2.76	7.74	2.76	7.91	2.76	8.41	2.76	8.73	2.76
	46.0	6.13	2.19	6.40	2.19	6.67	2.19	6.80	2.19	7.19	2.19	7.44	2.19
2.0+3.5+7.1	22.0	9.25	2.51	9.68	2.56	10.10	2.60	10.31	2.63	10.95	2.70	11.37	2.75
	25.0	9.00	2.60	9.42	2.65	9.84	2.69	10.06	2.72	10.69	2.79	11.12	2.84
	32.0	8.40	2.83	8.82	2.87	9.25	2.92	9.46	2.95	10.09	3.02	10.52	3.07
	35.0	8.14	2.93	8.56	2.98	8.99	3.03	9.20	3.05	9.84	3.13	10.26	3.18
	40.0	7.71	3.12	8.14	3.17	8.56	3.22	8.77	3.24	9.41	3.31	9.81	3.34
	43.0	7.15	2.76	7.49	2.76	7.83	2.76	7.99	2.76	8.48	2.76	8.79	2.76
	46.0	6.23	2.19	6.50	2.19	6.77	2.19	6.90	2.19	7.28	2.19	7.52	2.19
2.0+5.0+5.0	22.0	9.16	2.31	9.58	2.35	10.00	2.40	10.21	2.42	10.84	2.49	11.26	2.53
	25.0	8.91	2.39	9.33	2.44	9.75	2.48	9.96	2.50	10.59	2.57	11.01	2.62
	32.0	8.32	2.60	8.73	2.65	9.15	2.69	9.36	2.72	9.99	2.78	10.41	2.83
	35.0	8.06	2.70	8.48	2.75	8.90	2.79	9.11	2.81	9.74	2.88	10.16	2.93
	40.0	7.64	2.87	8.06	2.92	8.48	2.96	8.69	2.99	9.32	3.05	9.74	3.10
	43.0	7.20	2.76	7.56	2.76	7.91	2.76	8.08	2.76	8.58	2.76	8.90	2.76
	46.0	6.24	2.19	6.52	2.19	6.79	2.19	6.92	2.19	7.32	2.19	7.58	2.19
2.0+5.0+6.0	22.0	9.29	2.33	9.72	2.37	10.15	2.42	10.36	2.44	11.00	2.51	11.42	2.55
	25.0	9.04	2.41	9.46	2.45	9.89	2.50	10.10	2.52	10.74	2.59	11.16	2.64
	32.0	8.43	2.62	8.86	2.67	9.29	2.71	9.50	2.73	10.14	2.80	10.56	2.85
	35.0	8.18	2.72	8.60	2.77	9.03	2.81	9.24	2.83	9.88	2.90	10.30	2.95
	40.0	7.75	2.89	8.17	2.94	8.60	2.98	8.81	3.01	9.45	3.07	9.87	3.12
	43.0	7.29	2.76	7.65	2.76	8.00	2.76	8.17	2.76	8.67	2.76	9.00	2.76
	46.0	6.30	2.19	6.58	2.19	6.86	2.19	6.99	2.19	7.39	2.19	7.65	2.19
2.0+5.0+7.1	22.0	9.36	2.32	9.79	2.36	10.22	2.41	10.44	2.43	11.08	2.50	11.51	2.54
	25.0	9.10	2.40	9.53	2.45	9.96	2.49	10.18	2.51	10.82	2.58	11.25	2.63
	32.0	8.50	2.61	8.93	2.66	9.36	2.70	9.57	2.72	10.21	2.79	10.64	2.84
	35.0	8.24	2.71	8.67	2.76	9.10	2.80	9.31	2.82	9.95	2.89	10.38	2.94
	40.0	7.80	2.88	8.23	2.93	8.66	2.97	8.88	3.00	9.52	3.06	9.95	3.11
	43.0	7.35	2.76	7.71	2.76	8.06	2.76	8.23	2.76	8.74	2.76	9.07	2.76
	46.0	6.34	2.19	6.63	2.19	6.91	2.19	7.04	2.19	7.44	2.19	7.70	2.19

3D050149#5

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS90DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+6.0+6.0	22.0	9.36	2.14	9.79	2.18	10.22	2.22	10.44	2.24	11.08	2.30	11.51	2.34
	25.0	9.10	2.21	9.53	2.26	9.96	2.30	10.18	2.32	10.82	2.38	11.25	2.42
	32.0	8.50	2.41	8.93	2.45	9.36	2.49	9.57	2.51	10.21	2.57	10.64	2.62
	35.0	8.24	2.50	8.67	2.54	9.10	2.58	9.31	2.60	9.95	2.67	10.38	2.71
	40.0	7.80	2.66	8.23	2.70	8.66	2.74	8.88	2.76	9.52	2.82	9.95	2.87
	43.0	7.54	2.76	7.93	2.76	8.30	2.76	8.48	2.76	9.02	2.76	9.36	2.76
	46.0	6.46	2.19	6.76	2.19	7.05	2.19	7.19	2.19	7.61	2.19	7.89	2.19
2.0+6.0+7.1	22.0	9.43	2.13	9.86	2.17	10.29	2.21	10.50	2.23	11.15	2.29	11.58	2.34
	25.0	9.16	2.20	9.60	2.25	10.03	2.29	10.24	2.31	10.89	2.37	11.32	2.41
	32.0	8.55	2.40	8.98	2.44	9.42	2.48	9.63	2.50	10.28	2.56	10.71	2.61
	35.0	8.29	2.49	8.72	2.53	9.15	2.57	9.37	2.59	10.02	2.65	10.45	2.70
	40.0	7.85	2.65	8.29	2.69	8.72	2.73	8.93	2.75	9.58	2.81	10.01	2.86
	43.0	7.59	2.75	7.99	2.76	8.37	2.76	8.55	2.76	9.09	2.76	9.44	2.76
	46.0	6.50	2.19	6.80	2.19	7.10	2.19	7.24	2.19	7.67	2.19	7.94	2.19
2.5+2.5+2.5	22.0	7.73	2.01	8.08	2.05	8.43	2.09	8.61	2.11	9.14	2.17	9.49	2.21
	25.0	7.51	2.09	7.86	2.12	8.22	2.16	8.40	2.18	8.93	2.24	9.28	2.28
	32.0	7.01	2.27	7.36	2.31	7.72	2.35	7.89	2.37	8.43	2.43	8.78	2.47
	35.0	6.80	2.35	7.15	2.39	7.50	2.43	7.68	2.45	8.21	2.51	8.56	2.55
	40.0	6.44	2.51	6.79	2.54	7.15	2.58	7.32	2.60	7.85	2.66	8.21	2.70
	43.0	6.22	2.60	6.58	2.64	6.93	2.68	7.11	2.70	7.64	2.76	7.95	2.76
	46.0	5.55	2.19	5.81	2.19	6.07	2.19	6.20	2.19	6.57	2.19	6.82	2.19
2.5+2.5+3.5	22.0	8.14	2.28	8.51	2.32	8.88	2.37	9.07	2.39	9.63	2.45	10.00	2.50
	25.0	7.91	2.36	8.28	2.40	8.66	2.45	8.84	2.47	9.40	2.54	9.78	2.58
	32.0	7.38	2.57	7.76	2.61	8.13	2.65	8.32	2.68	8.88	2.74	9.25	2.79
	35.0	7.16	2.66	7.53	2.71	7.90	2.75	8.09	2.77	8.65	2.84	9.02	2.88
	40.0	6.78	2.83	7.15	2.88	7.53	2.92	7.71	2.94	8.27	3.01	8.65	3.05
	43.0	6.45	2.76	6.78	2.76	7.10	2.76	7.26	2.76	7.72	2.76	8.02	2.76
	46.0	5.68	2.19	5.93	2.19	6.19	2.19	6.31	2.19	6.67	2.19	6.91	2.19
2.5+2.5+5.0	22.0	8.65	2.47	9.05	2.51	9.44	2.56	9.64	2.59	10.24	2.66	10.63	2.71
	25.0	8.41	2.55	8.81	2.60	9.20	2.65	9.40	2.67	10.00	2.75	10.39	2.79
	32.0	7.85	2.78	8.25	2.83	8.64	2.87	8.84	2.90	9.43	2.97	9.83	3.02
	35.0	7.61	2.88	8.01	2.93	8.40	2.98	8.60	3.00	9.19	3.08	9.59	3.12
	40.0	7.21	3.07	7.61	3.12	8.00	3.16	8.20	3.19	8.79	3.26	9.19	3.31
	43.0	6.75	2.76	7.07	2.76	7.39	2.76	7.55	2.76	8.02	2.76	8.32	2.76
	46.0	5.93	2.19	6.18	2.19	6.44	2.19	6.56	2.19	6.93	2.19	7.17	2.19
2.5+2.5+6.0	22.0	8.93	2.30	9.34	2.35	9.75	2.39	9.96	2.41	10.57	2.48	10.98	2.53
	25.0	8.68	2.38	9.09	2.43	9.50	2.47	9.71	2.50	10.32	2.56	10.73	2.61
	32.0	8.11	2.59	8.51	2.64	8.92	2.68	9.13	2.71	9.74	2.77	10.15	2.82
	35.0	7.86	2.69	8.27	2.74	8.68	2.78	8.88	2.80	9.49	2.87	9.90	2.91
	40.0	7.44	2.86	7.85	2.91	8.26	2.95	8.47	2.97	9.08	3.04	9.49	3.09
	43.0	7.04	2.76	7.39	2.76	7.73	2.76	7.90	2.76	8.39	2.76	8.71	2.76
	46.0	6.11	2.19	6.39	2.19	6.66	2.19	6.79	2.19	7.18	2.19	7.43	2.19
2.5+2.5+7.1	22.0	9.16	2.42	9.58	2.46	10.00	2.51	10.21	2.53	10.84	2.60	11.26	2.65
	25.0	8.91	2.50	9.33	2.55	9.75	2.60	9.96	2.62	10.59	2.69	11.01	2.74
	32.0	8.32	2.72	8.73	2.77	9.15	2.82	9.36	2.84	9.99	2.91	10.41	2.96
	35.0	8.06	2.83	8.48	2.87	8.90	2.92	9.11	2.94	9.74	3.01	10.16	3.06
	40.0	7.64	3.01	8.06	3.05	8.48	3.10	8.69	3.12	9.32	3.19	9.74	3.24
	43.0	7.13	2.76	7.48	2.76	7.82	2.76	7.98	2.76	8.47	2.76	8.79	2.76
	46.0	6.20	2.19	6.47	2.19	6.74	2.19	6.87	2.19	7.26	2.19	7.51	2.19
2.5+3.5+3.5	22.0	8.50	2.42	8.89	2.47	9.28	2.52	9.47	2.54	10.06	2.61	10.45	2.66
	25.0	8.26	2.51	8.65	2.56	9.04	2.61	9.24	2.63	9.82	2.70	10.21	2.75
	32.0	7.71	2.73	8.10	2.78	8.49	2.83	8.69	2.85	9.27	2.92	9.66	2.97
	35.0	7.48	2.84	7.87	2.88	8.26	2.93	8.45	2.95	9.03	3.02	9.42	3.07
	40.0	7.08	3.02	7.47	3.06	7.86	3.11	8.06	3.13	8.64	3.21	9.03	3.25
	43.0	6.65	2.76	6.98	2.76	7.30	2.76	7.46	2.76	7.92	2.76	8.22	2.76
	46.0	5.85	2.19	6.11	2.19	6.36	2.19	6.48	2.19	6.85	2.19	7.08	2.19
2.5+3.5+5.0	22.0	8.93	2.64	9.34	2.69	9.75	2.74	9.96	2.77	10.57	2.84	10.98	2.89
	25.0	8.68	2.73	9.09	2.78	9.50	2.84	9.71	2.86	10.32	2.94	10.73	2.99
	32.0	8.11	2.97	8.51	3.02	8.92	3.08	9.13	3.10	9.74	3.18	10.15	3.23
	35.0	7.86	3.08	8.27	3.14	8.68	3.19	8.88	3.21	9.49	3.29	9.90	3.34
	40.0	7.44	3.28	7.85	3.33	8.24	3.34	8.43	3.34	8.99	3.34	9.35	3.34
	43.0	6.90	2.76	7.23	2.76	7.55	2.76	7.70	2.76	8.16	2.76	8.46	2.76
	46.0	6.07	2.19	6.32	2.19	6.57	2.19	6.69	2.19	7.07	2.19	7.30	2.19

3D050149#6

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS90DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+3.5+6.0	22.0	9.14	2.43	9.56	2.48	9.98	2.53	10.19	2.55	10.82	2.62	11.24	2.67
	25.0	8.89	2.52	9.31	2.57	9.73	2.61	9.94	2.64	10.56	2.71	10.98	2.76
	32.0	8.30	2.74	8.72	2.79	9.13	2.84	9.34	2.86	9.97	2.93	10.39	2.98
	35.0	8.04	2.84	8.46	2.89	8.88	2.94	9.09	2.96	9.72	3.03	10.14	3.08
	40.0	7.62	3.03	8.04	3.07	8.46	3.12	8.67	3.14	9.29	3.22	9.71	3.26
	43.0	7.11	2.76	7.45	2.76	7.79	2.76	7.95	2.76	8.44	2.76	8.76	2.76
	46.0	6.19	2.19	6.46	2.19	6.72	2.19	6.85	2.19	7.24	2.19	7.49	2.19
2.5+3.5+7.1	22.0	9.31	2.55	9.74	2.60	10.17	2.65	10.38	2.67	11.02	2.75	11.45	2.80
	25.0	9.06	2.64	9.48	2.69	9.91	2.74	10.12	2.76	10.76	2.84	11.19	2.89
	32.0	8.45	2.87	8.88	2.92	9.31	2.97	9.52	3.00	10.16	3.07	10.59	3.12
	35.0	8.19	2.98	8.62	3.03	9.05	3.08	9.26	3.10	9.90	3.18	10.33	3.23
	40.0	7.76	3.17	8.19	3.22	8.62	3.27	8.83	3.29	9.44	3.34	9.82	3.34
	43.0	7.18	2.76	7.52	2.76	7.85	2.76	8.02	2.76	8.50	2.76	8.81	2.76
	46.0	6.26	2.19	6.53	2.19	6.79	2.19	6.92	2.19	7.30	2.19	7.55	2.19
2.5+5.0+5.0	22.0	9.23	2.36	9.66	2.40	10.08	2.45	10.29	2.47	10.93	2.54	11.35	2.59
	25.0	8.98	2.44	9.40	2.49	9.82	2.54	10.03	2.56	10.67	2.63	11.09	2.67
	32.0	8.38	2.66	8.80	2.70	9.22	2.75	9.44	2.77	10.07	2.84	10.49	2.89
	35.0	8.12	2.76	8.55	2.80	8.97	2.85	9.18	2.87	9.81	2.94	10.24	2.99
	40.0	7.70	2.93	8.12	2.98	8.54	3.03	8.75	3.05	9.39	3.12	9.81	3.16
	43.0	7.22	2.76	7.57	2.76	7.92	2.76	8.09	2.76	8.59	2.76	8.91	2.76
	46.0	6.26	2.19	6.53	2.19	6.81	2.19	6.94	2.19	7.33	2.19	7.59	2.19
2.5+5.0+6.0	22.0	9.36	2.38	9.79	2.42	10.22	2.47	10.44	2.49	11.08	2.56	11.51	2.61
	25.0	9.10	2.46	9.53	2.51	9.96	2.55	10.18	2.58	10.82	2.65	11.25	2.69
	32.0	8.50	2.68	8.93	2.72	9.36	2.77	9.57	2.79	10.21	2.86	10.64	2.91
	35.0	8.24	2.78	8.67	2.82	9.10	2.87	9.31	2.89	9.95	2.96	10.38	3.01
	40.0	7.80	2.95	8.23	3.00	8.66	3.05	8.88	3.07	9.52	3.14	9.95	3.19
	43.0	7.30	2.76	7.66	2.76	8.01	2.76	8.18	2.76	8.68	2.76	9.00	2.76
	46.0	6.32	2.19	6.60	2.19	6.87	2.19	7.01	2.19	7.40	2.19	7.66	2.19
2.5+5.0+7.1	22.0	9.44	2.35	9.87	2.40	10.30	2.44	10.52	2.46	11.16	2.53	11.60	2.58
	25.0	9.17	2.43	9.61	2.48	10.04	2.53	10.25	2.55	10.90	2.62	11.33	2.66
	32.0	8.56	2.65	8.99	2.70	9.43	2.74	9.64	2.76	10.29	2.83	10.72	2.88
	35.0	8.30	2.75	8.73	2.79	9.16	2.84	9.38	2.86	10.03	2.93	10.46	2.98
	40.0	7.86	2.92	8.30	2.97	8.73	3.02	8.94	3.04	9.59	3.11	10.02	3.15
	43.0	7.37	2.76	7.73	2.76	8.08	2.76	8.26	2.76	8.77	2.76	9.09	2.76
	46.0	6.37	2.19	6.65	2.19	6.93	2.19	7.06	2.19	7.46	2.19	7.72	2.19
2.5+6.0+6.0	22.0	9.44	2.12	9.87	2.16	10.30	2.20	10.52	2.22	11.16	2.29	11.60	2.33
	25.0	9.17	2.20	9.61	2.24	10.04	2.28	10.25	2.30	10.90	2.36	11.33	2.40
	32.0	8.56	2.39	8.99	2.43	9.43	2.47	9.64	2.49	10.29	2.56	10.72	2.60
	35.0	8.30	2.48	8.73	2.52	9.16	2.56	9.38	2.58	10.03	2.64	10.46	2.69
	40.0	7.86	2.64	8.30	2.68	8.73	2.72	8.94	2.74	9.59	2.80	10.02	2.84
	43.0	7.60	2.74	8.01	2.76	8.39	2.76	8.57	2.76	9.11	2.76	9.46	2.76
	46.0	6.52	2.19	6.82	2.19	7.11	2.19	7.26	2.19	7.68	2.19	7.96	2.19
3.5+3.5+3.5	22.0	8.80	2.80	9.20	2.86	9.61	2.91	9.81	2.94	10.41	3.02	10.82	3.08
	25.0	8.56	2.90	8.96	2.96	9.36	3.01	9.56	3.04	10.17	3.12	10.57	3.18
	32.0	7.99	3.16	8.39	3.21	8.79	3.27	8.99	3.30	9.60	3.38	10.00	3.43
	35.0	7.74	3.28	8.15	3.33	8.55	3.39	8.75	3.41	9.35	3.50	9.76	3.55
	40.0	7.32	3.34	7.70	3.34	8.07	3.34	8.25	3.34	8.79	3.34	9.14	3.34
	43.0	6.83	2.76	7.14	2.76	7.45	2.76	7.60	2.76	8.05	2.76	8.33	2.76
	46.0	6.05	2.19	6.30	2.19	6.54	2.19	6.66	2.19	7.01	2.19	7.24	2.19
3.5+3.5+5.0	22.0	9.14	2.72	9.56	2.77	9.98	2.83	10.19	2.85	10.82	2.93	11.24	2.99
	25.0	8.89	2.82	9.31	2.87	9.73	2.92	9.94	2.95	10.56	3.03	10.98	3.08
	32.0	8.30	3.07	8.72	3.12	9.13	3.17	9.34	3.20	9.97	3.28	10.39	3.33
	35.0	8.04	3.18	8.46	3.23	8.88	3.29	9.09	3.31	9.72	3.39	10.14	3.45
	40.0	7.61	3.34	8.00	3.34	8.39	3.34	8.58	3.34	9.14	3.34	9.51	3.34
	43.0	7.04	2.76	7.36	2.76	7.68	2.76	7.84	2.76	8.30	2.76	8.60	2.76
	46.0	6.19	2.19	6.44	2.19	6.70	2.19	6.81	2.19	7.17	2.19	7.42	2.19
3.5+3.5+6.0	22.0	9.30	2.68	9.73	2.73	10.16	2.78	10.37	2.81	11.01	2.89	11.44	2.94
	25.0	9.05	2.78	9.47	2.83	9.90	2.88	10.11	2.91	10.75	2.98	11.18	3.04
	32.0	8.44	3.02	8.87	3.07	9.30	3.12	9.51	3.15	10.15	3.23	10.57	3.28
	35.0	8.18	3.13	8.61	3.19	9.04	3.24	9.25	3.26	9.89	3.34	10.32	3.39
	40.0	7.75	3.33	8.16	3.34	8.55	3.34	8.75	3.34	9.32	3.34	9.69	3.34
	43.0	7.14	2.76	7.47	2.76	7.80	2.76	7.96	2.76	8.43	2.76	8.74	2.76
	46.0	6.26	2.19	6.52	2.19	6.78	2.19	6.89	2.19	7.27	2.19	7.51	2.19

3D050149#7

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS90DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+3.5+7.1	22.0	9.42	2.67	9.85	2.72	10.28	2.77	10.49	2.80	11.14	2.88	11.57	2.93
	25.0	9.15	2.77	9.58	2.82	10.02	2.87	10.23	2.90	10.88	2.97	11.31	3.03
	32.0	8.54	3.01	8.97	3.06	9.41	3.11	9.62	3.14	10.27	3.22	10.70	3.27
	35.0	8.28	3.12	8.71	3.18	9.14	3.23	9.36	3.25	10.01	3.33	10.44	3.38
	40.0	7.85	3.32	8.26	3.34	8.66	3.34	8.85	3.34	9.43	3.34	9.81	3.34
	43.0	7.21	2.76	7.55	2.76	7.88	2.76	8.04	2.76	8.52	2.76	8.82	2.76
	46.0	6.31	2.19	6.56	2.19	6.83	2.19	6.96	2.19	7.34	2.19	7.58	2.19
3.5+5.0+5.0	22.0	9.36	2.43	9.79	2.48	10.22	2.53	10.44	2.55	11.08	2.62	11.51	2.67
	25.0	9.10	2.52	9.53	2.57	9.96	2.61	10.18	2.64	10.82	2.71	11.25	2.76
	32.0	8.50	2.74	8.93	2.79	9.36	2.84	9.57	2.86	10.21	2.93	10.64	2.98
	35.0	8.24	2.84	8.67	2.89	9.10	2.94	9.31	2.96	9.95	3.03	10.38	3.08
	40.0	7.80	3.03	8.23	3.07	8.66	3.12	8.88	3.14	9.52	3.22	9.95	3.26
	43.0	7.26	2.76	7.61	2.76	7.96	2.76	8.13	2.76	8.62	2.76	8.94	2.76
	46.0	6.30	2.19	6.58	2.19	6.85	2.19	6.98	2.19	7.37	2.19	7.63	2.19
3.5+5.0+6.0	22.0	9.44	2.42	9.87	2.46	10.30	2.51	10.52	2.53	11.16	2.60	11.60	2.65
	25.0	9.17	2.50	9.61	2.55	10.04	2.60	10.25	2.62	10.90	2.69	11.33	2.74
	32.0	8.56	2.72	8.99	2.77	9.43	2.82	9.64	2.84	10.29	2.91	10.72	2.96
	35.0	8.30	2.83	8.73	2.87	9.16	2.92	9.38	2.94	10.03	3.01	10.46	3.06
	40.0	7.86	3.01	8.30	3.05	8.73	3.10	8.94	3.12	9.59	3.19	10.02	3.24
	43.0	7.32	2.76	7.68	2.76	8.03	2.76	8.20	2.76	8.70	2.76	9.02	2.76
	46.0	6.34	2.19	6.62	2.19	6.90	2.19	7.03	2.19	7.42	2.19	7.68	2.19
3.5+6.0+6.0	22.0	9.46	2.12	9.89	2.16	10.32	2.20	10.54	2.22	11.19	2.29	11.62	2.33
	25.0	9.19	2.20	9.63	2.24	10.06	2.28	10.28	2.30	10.92	2.36	11.36	2.40
	32.0	8.58	2.39	9.01	2.43	9.45	2.47	9.66	2.49	10.31	2.56	10.75	2.60
	35.0	8.32	2.48	8.75	2.52	9.18	2.56	9.40	2.58	10.05	2.64	10.48	2.69
	40.0	7.88	2.64	8.31	2.68	8.75	2.72	8.96	2.74	9.61	2.80	10.04	2.84
	43.0	7.62	2.74	8.03	2.76	8.41	2.76	8.59	2.76	9.13	2.76	9.48	2.76
	46.0	6.53	2.19	6.83	2.19	7.13	2.19	7.27	2.19	7.70	2.19	7.97	2.19
5.0+5.0+5.0	22.0	9.46	2.13	9.89	2.17	10.32	2.21	10.54	2.23	11.19	2.29	11.62	2.34
	25.0	9.19	2.20	9.63	2.25	10.06	2.29	10.28	2.31	10.92	2.37	11.36	2.41
	32.0	8.58	2.40	9.01	2.44	9.45	2.48	9.66	2.50	10.31	2.56	10.75	2.61
	35.0	8.32	2.49	8.75	2.53	9.18	2.57	9.40	2.59	10.05	2.65	10.48	2.70
	40.0	7.88	2.65	8.31	2.69	8.75	2.73	8.96	2.75	9.61	2.81	10.04	2.86
	43.0	7.62	2.75	8.02	2.76	8.39	2.76	8.58	2.76	9.12	2.76	9.47	2.76
	46.0	6.52	2.19	6.82	2.19	7.12	2.19	7.26	2.19	7.69	2.19	7.96	2.19
2.0+2.0+2.0+2.0	22.0	7.76	1.63	8.11	1.66	8.47	1.69	8.64	1.71	9.18	1.75	9.53	1.79
	25.0	7.54	1.69	7.90	1.72	8.25	1.75	8.43	1.76	8.96	1.81	9.32	1.84
	32.0	7.04	1.83	7.39	1.87	7.75	1.90	7.93	1.91	8.46	1.96	8.81	1.99
	35.0	6.82	1.90	7.18	1.93	7.53	1.97	7.71	1.98	8.24	2.03	8.60	2.06
	40.0	6.46	2.02	6.82	2.06	7.17	2.09	7.35	2.10	7.88	2.15	8.24	2.18
	43.0	6.25	2.10	6.60	2.13	6.96	2.16	7.14	2.18	7.67	2.23	8.02	2.26
	46.0	6.03	2.18	6.36	2.19	6.66	2.19	6.80	2.19	7.23	2.19	7.51	2.19
2.0+2.0+2.0+2.5	22.0	8.10	1.73	8.47	1.76	8.84	1.79	9.02	1.81	9.58	1.86	9.95	1.89
	25.0	7.87	1.79	8.24	1.82	8.61	1.86	8.80	1.87	9.36	1.92	9.73	1.96
	32.0	7.35	1.95	7.72	1.98	8.09	2.01	8.27	2.03	8.83	2.08	9.20	2.11
	35.0	7.12	2.02	7.49	2.05	7.86	2.09	8.05	2.10	8.61	2.15	8.98	2.19
	40.0	6.75	2.15	7.12	2.18	7.49	2.21	7.68	2.23	8.23	2.28	8.60	2.32
	43.0	6.52	2.23	6.89	2.26	7.26	2.30	7.45	2.31	8.01	2.36	8.38	2.40
	46.0	6.13	2.19	6.43	2.19	6.73	2.19	6.88	2.19	7.31	2.19	7.58	2.19
2.0+2.0+2.0+3.5	22.0	8.51	1.94	8.90	1.98	9.29	2.02	9.48	2.03	10.07	2.09	10.46	2.13
	25.0	8.27	2.01	8.66	2.05	9.05	2.08	9.25	2.10	9.83	2.16	10.22	2.20
	32.0	7.72	2.19	8.11	2.22	8.50	2.26	8.70	2.28	9.28	2.34	9.67	2.37
	35.0	7.49	2.27	7.88	2.31	8.27	2.34	8.46	2.36	9.04	2.42	9.43	2.46
	40.0	7.09	2.41	7.48	2.45	7.87	2.49	8.07	2.51	8.65	2.56	9.04	2.60
	43.0	6.86	2.50	7.25	2.54	7.63	2.58	7.83	2.60	8.41	2.66	8.80	2.69
	46.0	6.12	2.19	6.41	2.19	6.70	2.19	6.84	2.19	7.25	2.19	7.52	2.19
2.0+2.0+2.0+5.0	22.0	9.15	2.04	9.57	2.08	9.99	2.12	10.20	2.14	10.83	2.20	11.25	2.24
	25.0	8.90	2.11	9.32	2.15	9.74	2.19	9.95	2.21	10.58	2.27	11.00	2.31
	32.0	8.31	2.30	8.73	2.34	9.14	2.38	9.35	2.40	9.98	2.46	10.40	2.50
	35.0	8.05	2.38	8.47	2.42	8.89	2.46	9.10	2.48	9.73	2.54	10.15	2.58
	40.0	7.63	2.54	8.05	2.58	8.47	2.62	8.68	2.63	9.31	2.69	9.72	2.73
	43.0	7.37	2.63	7.79	2.67	8.21	2.71	8.42	2.73	9.01	2.76	9.36	2.76
	46.0	6.42	2.19	6.73	2.19	7.02	2.19	7.17	2.19	7.59	2.19	7.87	2.19

3D050149#8

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS90DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0+6.0	22.0	9.54	1.96	9.97	1.99	10.41	2.03	10.63	2.05	11.28	2.11	11.72	2.15
	25.0	9.27	2.03	9.71	2.06	10.14	2.10	10.36	2.12	11.02	2.18	11.45	2.22
	32.0	8.65	2.20	9.09	2.24	9.53	2.28	9.74	2.30	10.40	2.36	10.84	2.40
	35.0	8.39	2.29	8.82	2.33	9.26	2.36	9.48	2.38	10.14	2.44	10.57	2.48
	40.0	7.95	2.43	8.38	2.47	8.82	2.51	9.04	2.53	9.69	2.59	10.13	2.62
	43.0	7.68	2.53	8.12	2.56	8.56	2.60	8.77	2.62	9.43	2.68	9.87	2.72
	46.0	6.77	2.19	7.09	2.19	7.40	2.19	7.56	2.19	8.01	2.19	8.30	2.19
2.0+2.0+2.0+7.1	22.0	9.68	1.99	10.12	2.03	10.56	2.07	10.78	2.09	11.45	2.14	11.89	2.18
	25.0	9.41	2.06	9.85	2.10	10.29	2.14	10.52	2.16	11.18	2.22	11.62	2.25
	32.0	8.78	2.24	9.22	2.28	9.67	2.32	9.89	2.34	10.55	2.40	11.00	2.44
	35.0	8.51	2.33	8.96	2.36	9.40	2.40	9.62	2.42	10.28	2.48	10.73	2.52
	40.0	8.06	2.47	8.51	2.51	8.95	2.55	9.17	2.57	9.84	2.63	10.28	2.67
	43.0	7.80	2.57	8.24	2.61	8.68	2.65	8.90	2.67	9.57	2.72	10.01	2.76
	46.0	6.81	2.19	7.14	2.19	7.45	2.19	7.60	2.19	8.06	2.19	8.35	2.19
2.0+2.0+2.5+2.5	22.0	8.26	1.79	8.64	1.83	9.01	1.86	9.20	1.88	9.77	1.93	10.15	1.97
	25.0	8.03	1.86	8.41	1.89	8.79	1.93	8.97	1.94	9.54	2.00	9.92	2.03
	32.0	7.49	2.02	7.87	2.05	8.25	2.09	8.44	2.11	9.01	2.16	9.38	2.19
	35.0	7.26	2.10	7.64	2.13	8.02	2.16	8.21	2.18	8.78	2.23	9.16	2.27
	40.0	6.88	2.23	7.26	2.26	7.64	2.30	7.83	2.32	8.40	2.37	8.77	2.40
	43.0	6.65	2.31	7.03	2.35	7.41	2.38	7.60	2.40	8.17	2.45	8.54	2.49
	46.0	6.14	2.19	6.44	2.19	6.74	2.19	6.88	2.19	7.31	2.19	7.58	2.19
2.0+2.0+2.5+3.5	22.0	8.74	2.05	9.14	2.09	9.54	2.13	9.74	2.15	10.34	2.21	10.74	2.25
	25.0	8.50	2.12	8.90	2.16	9.30	2.20	9.50	2.22	10.10	2.28	10.50	2.32
	32.0	7.93	2.31	8.33	2.35	8.73	2.39	8.93	2.41	9.53	2.47	9.93	2.51
	35.0	7.69	2.39	8.09	2.43	8.49	2.47	8.69	2.49	9.29	2.55	9.69	2.59
	40.0	7.28	2.55	7.68	2.59	8.09	2.63	8.29	2.65	8.89	2.71	9.29	2.75
	43.0	7.04	2.64	7.44	2.68	7.84	2.72	8.04	2.74	8.59	2.76	8.93	2.76
	46.0	6.16	2.19	6.45	2.19	6.73	2.19	6.87	2.19	7.28	2.19	7.55	2.19
2.0+2.0+2.5+5.0	22.0	9.39	2.15	9.83	2.20	10.26	2.24	10.47	2.26	11.12	2.32	11.55	2.36
	25.0	9.13	2.23	9.56	2.27	9.99	2.31	10.21	2.34	10.86	2.40	11.29	2.44
	32.0	8.53	2.43	8.96	2.47	9.39	2.51	9.60	2.53	10.25	2.59	10.68	2.64
	35.0	8.26	2.52	8.69	2.56	9.12	2.60	9.34	2.62	9.99	2.69	10.42	2.73
	40.0	7.83	2.68	8.26	2.72	8.69	2.76	8.91	2.78	9.55	2.85	9.98	2.89
	43.0	7.55	2.76	7.93	2.76	8.30	2.76	8.48	2.76	9.01	2.76	9.36	2.76
	46.0	6.46	2.19	6.76	2.19	7.05	2.19	7.20	2.19	7.62	2.19	7.89	2.19
2.0+2.0+2.5+6.0	22.0	9.46	1.92	9.89	1.96	10.32	2.00	10.54	2.02	11.19	2.07	11.62	2.11
	25.0	9.19	1.99	9.63	2.03	10.06	2.07	10.28	2.09	10.92	2.14	11.36	2.18
	32.0	8.58	2.17	9.01	2.21	9.45	2.24	9.66	2.26	10.31	2.32	10.75	2.35
	35.0	8.32	2.25	8.75	2.29	9.18	2.32	9.40	2.34	10.05	2.40	10.48	2.44
	40.0	7.88	2.39	8.31	2.43	8.75	2.47	8.96	2.49	9.61	2.54	10.04	2.58
	43.0	7.62	2.48	8.05	2.52	8.48	2.56	8.70	2.58	9.35	2.63	9.78	2.67
	46.0	6.76	2.19	7.09	2.19	7.40	2.19	7.56	2.19	8.01	2.19	8.30	2.19
2.0+2.0+2.5+7.1	22.0	9.61	1.95	10.05	1.99	10.49	2.02	10.71	2.04	11.37	2.10	11.81	2.14
	25.0	9.34	2.02	9.78	2.06	10.22	2.09	10.44	2.11	11.10	2.17	11.54	2.21
	32.0	8.72	2.20	9.16	2.23	9.60	2.27	9.82	2.29	10.48	2.35	10.92	2.38
	35.0	8.45	2.28	8.89	2.32	9.33	2.35	9.55	2.37	10.21	2.43	10.65	2.47
	40.0	8.01	2.42	8.45	2.46	8.89	2.50	9.11	2.52	9.77	2.57	10.21	2.61
	43.0	7.74	2.52	8.18	2.55	8.62	2.59	8.84	2.61	9.50	2.67	9.94	2.71
	46.0	6.83	2.19	7.15	2.19	7.47	2.19	7.62	2.19	8.08	2.19	8.37	2.19
2.0+2.0+3.5+3.5	22.0	9.08	2.24	9.50	2.28	9.92	2.32	10.12	2.34	10.75	2.41	11.16	2.45
	25.0	8.83	2.32	9.25	2.36	9.66	2.40	9.87	2.42	10.49	2.49	10.91	2.53
	32.0	8.24	2.52	8.66	2.56	9.07	2.61	9.28	2.63	9.91	2.69	10.32	2.74
	35.0	7.99	2.61	8.41	2.66	8.82	2.70	9.03	2.72	9.65	2.79	10.07	2.83
	40.0	7.57	2.78	7.99	2.82	8.40	2.87	8.61	2.89	9.23	2.96	9.65	3.00
	43.0	7.21	2.76	7.57	2.76	7.92	2.76	8.09	2.76	8.60	2.76	8.93	2.76
	46.0	6.23	2.19	6.51	2.19	6.79	2.19	6.92	2.19	7.32	2.19	7.58	2.19
2.0+2.0+3.5+5.0	22.0	9.48	2.20	9.91	2.25	10.34	2.29	10.56	2.31	11.21	2.37	11.65	2.42
	25.0	9.21	2.28	9.65	2.32	10.08	2.37	10.30	2.39	10.95	2.45	11.38	2.50
	32.0	8.60	2.48	9.03	2.53	9.47	2.57	9.68	2.59	10.33	2.65	10.77	2.70
	35.0	8.34	2.58	8.77	2.62	9.20	2.66	9.42	2.68	10.07	2.75	10.50	2.79
	40.0	7.90	2.74	8.33	2.78	8.76	2.83	8.98	2.85	9.63	2.91	10.07	2.95
	43.0	7.55	2.76	7.93	2.76	8.29	2.76	8.48	2.76	9.00	2.76	9.35	2.76
	46.0	6.47	2.19	6.77	2.19	7.06	2.19	7.20	2.19	7.62	2.19	7.89	2.19

3D050149#9

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS90DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+3.5+6.0	22.0	9.62	2.00	10.06	2.04	10.50	2.07	10.72	2.09	11.38	2.15	11.82	2.19
	25.0	9.35	2.07	9.79	2.11	10.23	2.15	10.45	2.17	11.11	2.22	11.55	2.26
	32.0	8.73	2.25	9.17	2.29	9.61	2.33	9.83	2.35	10.49	2.41	10.93	2.45
	35.0	8.46	2.34	8.90	2.37	9.34	2.41	9.56	2.43	10.22	2.49	10.66	2.53
	40.0	8.01	2.48	8.45	2.52	8.89	2.56	9.11	2.58	9.78	2.64	10.22	2.68
	43.0	7.75	2.58	8.19	2.62	8.63	2.66	8.85	2.68	9.51	2.73	9.93	2.76
	46.0	6.76	2.19	7.08	2.19	7.39	2.19	7.55	2.19	8.00	2.19	8.29	2.19
2.0+2.0+3.5+7.1	22.0	9.76	2.02	10.20	2.06	10.65	2.10	10.87	2.12	11.54	2.18	11.99	2.22
	25.0	9.49	2.09	9.93	2.13	10.38	2.17	10.60	2.19	11.27	2.25	11.72	2.29
	32.0	8.85	2.28	9.30	2.32	9.75	2.36	9.97	2.38	10.64	2.44	11.09	2.48
	35.0	8.58	2.36	9.03	2.40	9.48	2.44	9.70	2.46	10.37	2.52	10.82	2.56
	40.0	8.13	2.52	8.58	2.55	9.02	2.59	9.25	2.61	9.92	2.67	10.37	2.71
	43.0	7.86	2.61	8.31	2.65	8.75	2.69	8.98	2.71	9.64	2.76	10.01	2.76
	46.0	6.82	2.19	7.14	2.19	7.45	2.19	7.61	2.19	8.06	2.19	8.35	2.19
2.0+2.0+5.0+5.0	22.0	9.71	2.13	10.15	2.17	10.60	2.21	10.82	2.23	11.49	2.29	11.93	2.34
	25.0	9.44	2.20	9.88	2.25	10.33	2.29	10.55	2.31	11.22	2.37	11.66	2.41
	32.0	8.81	2.40	9.25	2.44	9.70	2.48	9.92	2.50	10.59	2.56	11.03	2.61
	35.0	8.54	2.49	8.98	2.53	9.43	2.57	9.65	2.59	10.32	2.65	10.76	2.70
	40.0	8.09	2.65	8.53	2.69	8.98	2.73	9.20	2.75	9.87	2.81	10.31	2.86
	43.0	7.82	2.75	8.23	2.76	8.61	2.76	8.80	2.76	9.35	2.76	9.71	2.76
	46.0	6.67	2.19	6.98	2.19	7.28	2.19	7.43	2.19	7.86	2.19	8.14	2.19
2.0+2.0+5.0+6.0	22.0	9.61	2.03	10.05	2.07	10.49	2.11	10.71	2.13	11.37	2.19	11.81	2.23
	25.0	9.34	2.10	9.78	2.14	10.22	2.18	10.44	2.20	11.10	2.26	11.54	2.30
	32.0	8.72	2.29	9.16	2.33	9.60	2.37	9.82	2.39	10.48	2.45	10.92	2.49
	35.0	8.45	2.37	8.89	2.41	9.33	2.45	9.55	2.47	10.21	2.53	10.65	2.57
	40.0	8.01	2.53	8.45	2.57	8.89	2.60	9.11	2.62	9.77	2.68	10.21	2.72
	43.0	7.74	2.62	8.18	2.66	8.62	2.70	8.84	2.72	9.47	2.76	9.84	2.76
	46.0	6.72	2.19	7.03	2.19	7.34	2.19	7.49	2.19	7.93	2.19	8.22	2.19
2.0+2.5+2.5+2.5	22.0	8.49	1.90	8.88	1.94	9.27	1.97	9.46	1.99	10.05	2.05	10.43	2.08
	25.0	8.25	1.97	8.64	2.00	9.03	2.04	9.23	2.06	9.81	2.11	10.20	2.15
	32.0	7.70	2.14	8.09	2.18	8.48	2.21	8.68	2.23	9.26	2.29	9.65	2.32
	35.0	7.47	2.22	7.86	2.26	8.25	2.29	8.44	2.31	9.02	2.37	9.41	2.40
	40.0	7.07	2.36	7.46	2.40	7.85	2.44	8.05	2.45	8.63	2.51	9.02	2.55
	43.0	6.84	2.45	7.23	2.49	7.62	2.53	7.81	2.54	8.39	2.60	8.78	2.64
	46.0	6.15	2.19	6.45	2.19	6.74	2.19	6.88	2.19	7.30	2.19	7.57	2.19
2.0+2.5+2.5+3.5	22.0	8.88	2.12	9.29	2.16	9.70	2.20	9.90	2.22	10.51	2.29	10.92	2.33
	25.0	8.64	2.20	9.04	2.24	9.45	2.28	9.65	2.30	10.26	2.36	10.67	2.40
	32.0	8.06	2.39	8.47	2.43	8.87	2.47	9.08	2.49	9.69	2.56	10.09	2.60
	35.0	7.81	2.48	8.22	2.52	8.63	2.56	8.83	2.58	9.44	2.64	9.85	2.69
	40.0	7.40	2.64	7.81	2.68	8.22	2.72	8.42	2.74	9.03	2.80	9.44	2.84
	43.0	7.16	2.74	7.55	2.76	7.90	2.76	8.08	2.76	8.59	2.76	8.93	2.76
	46.0	6.18	2.19	6.47	2.19	6.75	2.19	6.89	2.19	7.30	2.19	7.56	2.19
2.0+2.5+2.5+5.0	22.0	9.37	2.19	9.80	2.23	10.23	2.27	10.45	2.29	11.09	2.36	11.52	2.40
	25.0	9.11	2.26	9.54	2.31	9.97	2.35	10.19	2.37	10.83	2.43	11.26	2.48
	32.0	8.51	2.46	8.94	2.51	9.37	2.55	9.58	2.57	10.22	2.63	10.65	2.68
	35.0	8.25	2.56	8.68	2.60	9.11	2.64	9.32	2.66	9.96	2.73	10.39	2.77
	40.0	7.81	2.72	8.24	2.76	8.67	2.80	8.89	2.83	9.53	2.89	9.96	2.93
	43.0	7.49	2.76	7.87	2.76	8.23	2.76	8.41	2.76	8.94	2.76	9.28	2.76
	46.0	6.43	2.19	6.72	2.19	7.01	2.19	7.15	2.19	7.57	2.19	7.84	2.19
2.0+2.5+2.5+6.0	22.0	9.58	2.03	10.01	2.07	10.45	2.11	10.67	2.13	11.33	2.19	11.77	2.23
	25.0	9.31	2.10	9.75	2.14	10.19	2.18	10.41	2.20	11.06	2.26	11.50	2.30
	32.0	8.69	2.29	9.13	2.33	9.57	2.37	9.79	2.39	10.44	2.45	10.88	2.49
	35.0	8.42	2.37	8.86	2.41	9.30	2.45	9.52	2.47	10.18	2.53	10.62	2.57
	40.0	7.98	2.53	8.42	2.57	8.86	2.60	9.08	2.62	9.73	2.68	10.17	2.72
	43.0	7.71	2.62	8.15	2.66	8.59	2.70	8.81	2.72	9.44	2.76	9.81	2.76
	46.0	6.70	2.19	7.01	2.19	7.32	2.19	7.47	2.19	7.91	2.19	8.20	2.19
2.0+2.5+2.5+7.1	22.0	9.72	2.09	10.16	2.13	10.61	2.17	10.83	2.19	11.50	2.25	11.94	2.29
	25.0	9.45	2.16	9.89	2.20	10.34	2.24	10.56	2.26	11.23	2.32	11.67	2.37
	32.0	8.82	2.35	9.26	2.39	9.71	2.43	9.93	2.45	10.60	2.52	11.04	2.56
	35.0	8.55	2.44	8.99	2.48	9.44	2.52	9.66	2.54	10.33	2.60	10.77	2.64
	40.0	8.10	2.60	8.54	2.64	8.99	2.68	9.21	2.70	9.88	2.76	10.32	2.80
	43.0	7.83	2.70	8.27	2.74	8.70	2.76	8.89	2.76	9.45	2.76	9.81	2.76
	46.0	6.72	2.19	7.03	2.19	7.34	2.19	7.49	2.19	7.93	2.19	8.21	2.19

3D050149#10

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS90DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+3.5+3.5	22.0	9.41	2.36	9.84	2.40	10.27	2.45	10.48	2.47	11.13	2.54	11.56	2.59
	25.0	9.14	2.44	9.57	2.49	10.01	2.54	10.22	2.56	10.87	2.63	11.30	2.67
	32.0	8.53	2.66	8.97	2.70	9.40	2.75	9.61	2.77	10.26	2.84	10.69	2.89
	35.0	8.27	2.76	8.70	2.80	9.13	2.85	9.35	2.87	10.00	2.94	10.43	2.99
	40.0	7.84	2.93	8.27	2.98	8.70	3.03	8.91	3.05	9.56	3.12	9.99	3.16
	43.0	7.34	2.76	7.70	2.76	8.05	2.76	8.22	2.76	8.73	2.76	9.06	2.76
	46.0	6.35	2.19	6.63	2.19	6.91	2.19	7.04	2.19	7.44	2.19	7.70	2.19
2.0+2.5+3.5+5.0	22.0	9.55	2.24	9.98	2.29	10.42	2.33	10.64	2.35	11.29	2.42	11.73	2.46
	25.0	9.28	2.32	9.72	2.37	10.16	2.41	10.37	2.43	11.03	2.50	11.47	2.54
	32.0	8.66	2.53	9.10	2.57	9.54	2.62	9.76	2.64	10.41	2.70	10.85	2.75
	35.0	8.40	2.62	8.83	2.67	9.27	2.71	9.49	2.73	10.15	2.80	10.58	2.84
	40.0	7.96	2.79	8.39	2.84	8.83	2.88	9.05	2.90	9.70	2.97	10.14	3.01
	43.0	7.56	2.76	7.93	2.76	8.30	2.76	8.48	2.76	9.00	2.76	9.34	2.76
	46.0	6.49	2.19	6.78	2.19	7.07	2.19	7.21	2.19	7.62	2.19	7.89	2.19
2.0+2.5+3.5+6.0	22.0	9.69	2.04	10.13	2.08	10.57	2.12	10.80	2.14	11.46	2.20	11.91	2.24
	25.0	9.42	2.11	9.86	2.15	10.30	2.19	10.53	2.21	11.19	2.27	11.64	2.31
	32.0	8.79	2.30	9.23	2.34	9.68	2.38	9.90	2.40	10.56	2.46	11.01	2.50
	35.0	8.52	2.38	8.96	2.42	9.41	2.46	9.63	2.48	10.30	2.54	10.74	2.58
	40.0	8.07	2.54	8.52	2.58	8.96	2.62	9.18	2.63	9.85	2.69	10.29	2.73
	43.0	7.80	2.63	8.25	2.67	8.69	2.71	8.91	2.73	9.53	2.76	9.90	2.76
	46.0	6.76	2.19	7.07	2.19	7.38	2.19	7.53	2.19	7.98	2.19	8.27	2.19
2.0+2.5+3.5+7.1	22.0	9.84	2.06	10.29	2.10	10.74	2.14	10.96	2.16	11.64	2.22	12.09	2.26
	25.0	9.56	2.14	10.01	2.18	10.47	2.22	10.69	2.24	11.37	2.30	11.82	2.34
	32.0	8.93	2.33	9.38	2.37	9.83	2.41	10.05	2.43	10.73	2.49	11.18	2.53
	35.0	8.65	2.41	9.10	2.45	9.55	2.49	9.78	2.51	10.46	2.57	10.91	2.61
	40.0	8.20	2.57	8.65	2.61	9.10	2.65	9.32	2.67	10.00	2.73	10.45	2.77
	43.0	7.92	2.66	8.38	2.70	8.83	2.74	9.05	2.76	9.62	2.76	9.99	2.76
	46.0	6.82	2.19	7.14	2.19	7.45	2.19	7.60	2.19	8.05	2.19	8.34	2.19
2.0+2.5+5.0+5.0	22.0	9.80	2.17	10.25	2.21	10.69	2.25	10.92	2.28	11.59	2.34	12.04	2.38
	25.0	9.53	2.25	9.97	2.29	10.42	2.33	10.65	2.35	11.32	2.42	11.77	2.46
	32.0	8.89	2.45	9.34	2.49	9.79	2.53	10.01	2.55	10.69	2.61	11.13	2.66
	35.0	8.62	2.54	9.07	2.58	9.52	2.62	9.74	2.64	10.41	2.71	10.86	2.75
	40.0	8.16	2.70	8.61	2.74	9.06	2.78	9.29	2.80	9.96	2.87	10.41	2.91
	43.0	7.85	2.76	8.24	2.76	8.62	2.76	8.81	2.76	9.36	2.76	9.71	2.76
	46.0	6.69	2.19	6.99	2.19	7.29	2.19	7.44	2.19	7.87	2.19	8.15	2.19
2.0+2.5+5.0+6.0	22.0	9.52	2.00	9.95	2.04	10.39	2.07	10.61	2.09	11.26	2.15	11.69	2.19
	25.0	9.25	2.07	9.69	2.11	10.12	2.15	10.34	2.17	10.99	2.22	11.43	2.26
	32.0	8.63	2.25	9.07	2.29	9.51	2.33	9.72	2.35	10.38	2.41	10.81	2.45
	35.0	8.37	2.34	8.81	2.37	9.24	2.41	9.46	2.43	10.11	2.49	10.55	2.53
	40.0	7.93	2.48	8.37	2.52	8.80	2.56	9.02	2.58	9.67	2.64	10.11	2.68
	43.0	7.67	2.58	8.10	2.62	8.54	2.66	8.76	2.68	9.41	2.73	9.83	2.76
	46.0	6.70	2.19	7.02	2.19	7.33	2.19	7.48	2.19	7.92	2.19	8.21	2.19
2.0+3.5+3.5+3.5	22.0	9.59	2.43	10.03	2.48	10.46	2.53	10.68	2.55	11.34	2.62	11.78	2.67
	25.0	9.32	2.52	9.76	2.57	10.20	2.61	10.42	2.64	11.08	2.71	11.52	2.76
	32.0	8.70	2.74	9.14	2.79	9.58	2.84	9.80	2.86	10.45	2.93	10.89	2.98
	35.0	8.43	2.84	8.87	2.89	9.31	2.94	9.53	2.96	10.19	3.03	10.63	3.08
	40.0	7.99	3.03	8.43	3.07	8.87	3.12	9.09	3.14	9.74	3.22	10.18	3.26
	43.0	7.42	2.76	7.78	2.76	8.13	2.76	8.30	2.76	8.80	2.76	9.13	2.76
	46.0	6.42	2.19	6.70	2.19	6.98	2.19	7.11	2.19	7.51	2.19	7.77	2.19
2.0+3.5+3.5+5.0	22.0	9.78	2.37	10.23	2.41	10.67	2.46	10.90	2.48	11.57	2.55	12.02	2.60
	25.0	9.51	2.45	9.95	2.50	10.40	2.54	10.63	2.57	11.30	2.64	11.74	2.68
	32.0	8.87	2.67	9.32	2.71	9.77	2.76	9.99	2.78	10.66	2.85	11.11	2.90
	35.0	8.60	2.77	9.05	2.81	9.50	2.86	9.72	2.88	10.39	2.95	10.84	3.00
	40.0	8.15	2.94	8.60	2.99	9.04	3.04	9.27	3.06	9.94	3.13	10.39	3.18
	43.0	7.61	2.76	7.98	2.76	8.34	2.76	8.51	2.76	9.04	2.76	9.37	2.76
	46.0	6.54	2.19	6.84	2.19	7.12	2.19	7.26	2.19	7.67	2.19	7.93	2.19
2.0+3.5+3.5+6.0	22.0	9.92	2.19	10.37	2.23	10.83	2.27	11.05	2.29	11.74	2.36	12.19	2.40
	25.0	9.64	2.26	10.10	2.31	10.55	2.35	10.78	2.37	11.46	2.43	11.91	2.48
	32.0	9.00	2.46	9.45	2.51	9.91	2.55	10.14	2.57	10.82	2.63	11.27	2.68
	35.0	8.72	2.56	9.18	2.60	9.63	2.64	9.86	2.66	10.54	2.73	11.00	2.77
	40.0	8.27	2.72	8.72	2.76	9.17	2.80	9.40	2.83	10.08	2.89	10.54	2.93
	43.0	7.92	2.76	8.31	2.76	8.70	2.76	8.88	2.76	9.44	2.76	9.79	2.76
	46.0	6.74	2.19	7.05	2.19	7.35	2.19	7.50	2.19	7.94	2.19	8.22	2.19

3D050149#11

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS90DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+3.5+5.0+5.0	22.0	9.63	2.09	10.07	2.13	10.51	2.17	10.73	2.19	11.39	2.25	11.83	2.29
	25.0	9.36	2.16	9.80	2.20	10.24	2.24	10.46	2.26	11.12	2.32	11.56	2.37
	32.0	8.74	2.35	9.18	2.39	9.62	2.43	9.84	2.45	10.50	2.52	10.94	2.56
	35.0	8.47	2.44	8.91	2.48	9.35	2.52	9.57	2.54	10.23	2.60	10.67	2.64
	40.0	8.02	2.60	8.46	2.64	8.90	2.68	9.12	2.70	9.79	2.76	10.23	2.80
	43.0	7.75	2.70	8.20	2.74	8.62	2.76	8.81	2.76	9.36	2.76	9.72	2.76
	46.0	6.66	2.19	6.97	2.19	7.28	2.19	7.43	2.19	7.86	2.19	8.14	2.19
2.5+2.5+2.5+2.5	22.0	8.72	2.01	9.12	2.05	9.52	2.09	9.72	2.11	10.32	2.17	10.72	2.21
	25.0	8.48	2.09	8.88	2.12	9.28	2.16	9.48	2.18	10.08	2.24	10.48	2.28
	32.0	7.91	2.27	8.31	2.31	8.71	2.35	8.91	2.37	9.51	2.43	9.91	2.47
	35.0	7.67	2.35	8.07	2.39	8.47	2.43	8.67	2.45	9.27	2.51	9.67	2.55
	40.0	7.27	2.51	7.67	2.54	8.07	2.58	8.27	2.60	8.87	2.66	9.26	2.70
	43.0	7.03	2.60	7.42	2.64	7.82	2.68	8.02	2.70	8.62	2.76	8.97	2.76
	46.0	6.18	2.19	6.47	2.19	6.76	2.19	6.90	2.19	7.31	2.19	7.57	2.19
2.5+2.5+2.5+3.5	22.0	9.08	2.22	9.50	2.26	9.92	2.31	10.12	2.33	10.75	2.39	11.16	2.43
	25.0	8.83	2.30	9.25	2.34	9.66	2.39	9.87	2.41	10.49	2.47	10.91	2.51
	32.0	8.24	2.50	8.66	2.54	9.07	2.59	9.28	2.61	9.91	2.67	10.32	2.72
	35.0	7.99	2.59	8.41	2.64	8.82	2.68	9.03	2.70	9.65	2.77	10.07	2.81
	40.0	7.57	2.76	7.99	2.80	8.40	2.85	8.61	2.87	9.23	2.93	9.65	2.98
	43.0	7.23	2.76	7.59	2.76	7.94	2.76	8.12	2.76	8.62	2.76	8.96	2.76
	46.0	6.24	2.19	6.52	2.19	6.80	2.19	6.94	2.19	7.34	2.19	7.60	2.19
2.5+2.5+2.5+5.0	22.0	9.48	2.20	9.91	2.25	10.34	2.29	10.56	2.31	11.21	2.37	11.65	2.42
	25.0	9.21	2.28	9.65	2.32	10.08	2.37	10.30	2.39	10.95	2.45	11.38	2.50
	32.0	8.60	2.48	9.03	2.53	9.47	2.57	9.68	2.59	10.33	2.65	10.77	2.70
	35.0	8.34	2.58	8.77	2.62	9.20	2.66	9.42	2.68	10.07	2.75	10.50	2.79
	40.0	7.90	2.74	8.33	2.78	8.76	2.83	8.98	2.85	9.63	2.91	10.07	2.95
	43.0	7.55	2.76	7.93	2.76	8.29	2.76	8.48	2.76	9.00	2.76	9.35	2.76
	46.0	6.47	2.19	6.77	2.19	7.06	2.19	7.20	2.19	7.62	2.19	7.89	2.19
2.5+2.5+2.5+6.0	22.0	9.62	2.00	10.06	2.04	10.50	2.07	10.72	2.09	11.38	2.15	11.82	2.19
	25.0	9.35	2.07	9.79	2.11	10.23	2.15	10.45	2.17	11.11	2.22	11.55	2.26
	32.0	8.73	2.25	9.17	2.29	9.61	2.33	9.83	2.35	10.49	2.41	10.93	2.45
	35.0	8.46	2.34	8.90	2.37	9.34	2.41	9.56	2.43	10.22	2.49	10.66	2.53
	40.0	8.01	2.48	8.45	2.52	8.89	2.56	9.11	2.58	9.78	2.64	10.22	2.68
	43.0	7.75	2.58	8.19	2.62	8.63	2.66	8.85	2.68	9.51	2.73	9.93	2.76
	46.0	6.76	2.19	7.08	2.19	7.39	2.19	7.55	2.19	8.00	2.19	8.29	2.19
2.5+2.5+2.5+7.1	22.0	9.76	2.02	10.20	2.06	10.65	2.10	10.87	2.12	11.54	2.18	11.99	2.22
	25.0	9.49	2.09	9.93	2.13	10.38	2.17	10.60	2.19	11.27	2.25	11.72	2.29
	32.0	8.85	2.28	9.30	2.32	9.75	2.36	9.97	2.38	10.64	2.44	11.09	2.48
	35.0	8.58	2.36	9.03	2.40	9.48	2.44	9.70	2.46	10.37	2.52	10.82	2.56
	40.0	8.13	2.52	8.58	2.55	9.02	2.59	9.25	2.61	9.92	2.67	10.37	2.71
	43.0	7.86	2.61	8.31	2.65	8.75	2.69	8.98	2.71	9.64	2.76	10.01	2.76
	46.0	6.82	2.19	7.14	2.19	7.45	2.19	7.61	2.19	8.06	2.19	8.35	2.19
2.5+2.5+3.5+3.5	22.0	9.34	2.39	9.77	2.44	10.20	2.48	10.41	2.51	11.06	2.58	11.48	2.62
	25.0	9.09	2.48	9.51	2.52	9.94	2.57	10.16	2.59	10.80	2.66	11.23	2.71
	32.0	8.48	2.70	8.91	2.74	9.34	2.79	9.55	2.81	10.19	2.88	10.62	2.93
	35.0	8.22	2.80	8.65	2.84	9.08	2.89	9.29	2.91	9.93	2.98	10.36	3.03
	40.0	7.79	2.98	8.22	3.02	8.64	3.07	8.86	3.09	9.50	3.16	9.93	3.21
	43.0	7.27	2.76	7.63	2.76	7.98	2.76	8.15	2.76	8.64	2.76	8.97	2.76
	46.0	6.30	2.19	6.58	2.19	6.85	2.19	6.99	2.19	7.38	2.19	7.64	2.19
2.5+2.5+3.5+5.0	22.0	9.63	2.28	10.07	2.32	10.51	2.37	10.73	2.39	11.39	2.45	11.83	2.50
	25.0	9.36	2.36	9.80	2.40	10.24	2.45	10.46	2.47	11.12	2.54	11.56	2.58
	32.0	8.74	2.57	9.18	2.61	9.62	2.65	9.84	2.68	10.50	2.74	10.94	2.79
	35.0	8.47	2.66	8.91	2.71	9.35	2.75	9.57	2.77	10.23	2.84	10.67	2.88
	40.0	8.02	2.83	8.46	2.88	8.90	2.92	9.12	2.94	9.79	3.01	10.23	3.05
	43.0	7.58	2.76	7.96	2.76	8.32	2.76	8.50	2.76	9.03	2.76	9.37	2.76
	46.0	6.51	2.19	6.80	2.19	7.09	2.19	7.23	2.19	7.65	2.19	7.91	2.19
2.5+2.5+3.5+6.0	22.0	9.77	2.12	10.21	2.16	10.66	2.20	10.89	2.22	11.56	2.29	12.00	2.33
	25.0	9.50	2.20	9.94	2.24	10.39	2.28	10.61	2.30	11.29	2.36	11.73	2.40
	32.0	8.86	2.39	9.31	2.43	9.76	2.47	9.98	2.49	10.65	2.56	11.10	2.60
	35.0	8.59	2.48	9.04	2.52	9.49	2.56	9.71	2.58	10.38	2.64	10.83	2.69
	40.0	8.14	2.64	8.59	2.68	9.03	2.72	9.26	2.74	9.93	2.80	10.38	2.84
	43.0	7.87	2.74	8.30	2.76	8.68	2.76	8.87	2.76	9.43	2.76	9.78	2.76
	46.0	6.72	2.19	7.03	2.19	7.33	2.19	7.48	2.19	7.92	2.19	8.20	2.19

3D050149#12

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

4 Capacity tables

4 - 2 Cooling capacity tables

4MKS90DVMB

Cooling [50Hz 230V]

Combination (Capacity)	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+2.5+5.0+5.0	22.0	9.63	2.10	10.07	2.14	10.51	2.18	10.73	2.20	11.39	2.26	11.83	2.30
	25.0	9.36	2.17	9.80	2.21	10.24	2.25	10.46	2.27	11.12	2.33	11.56	2.37
	32.0	8.74	2.36	9.18	2.40	9.62	2.44	9.84	2.46	10.50	2.53	10.94	2.57
	35.0	8.47	2.45	8.91	2.49	9.35	2.53	9.57	2.55	10.23	2.61	10.67	2.65
	40.0	8.02	2.61	8.46	2.65	8.90	2.69	9.12	2.71	9.79	2.77	10.23	2.81
	43.0	7.75	2.71	8.20	2.75	8.60	2.76	8.79	2.76	9.34	2.76	9.70	2.76
	46.0	6.66	2.19	6.96	2.19	7.27	2.19	7.42	2.19	7.85	2.19	8.13	2.19
2.5+3.5+3.5+3.5	22.0	9.59	2.43	10.03	2.48	10.46	2.53	10.68	2.55	11.34	2.62	11.78	2.67
	25.0	9.32	2.52	9.76	2.57	10.20	2.61	10.42	2.64	11.08	2.71	11.52	2.76
	32.0	8.70	2.74	9.14	2.79	9.58	2.84	9.80	2.86	10.45	2.93	10.89	2.98
	35.0	8.43	2.84	8.87	2.89	9.31	2.94	9.53	2.96	10.19	3.03	10.63	3.08
	40.0	7.99	3.03	8.43	3.07	8.87	3.12	9.09	3.14	9.74	3.22	10.18	3.26
	43.0	7.42	2.76	7.78	2.76	8.13	2.76	8.30	2.76	8.80	2.76	9.13	2.76
	46.0	6.42	2.19	6.70	2.19	6.98	2.19	7.11	2.19	7.51	2.19	7.77	2.19
2.5+3.5+3.5+5.0	22.0	9.78	2.37	10.23	2.41	10.67	2.46	10.90	2.48	11.57	2.55	12.02	2.60
	25.0	9.51	2.45	9.95	2.50	10.40	2.54	10.63	2.57	11.30	2.64	11.74	2.68
	32.0	8.87	2.67	9.32	2.71	9.77	2.76	9.99	2.78	10.66	2.85	11.11	2.90
	35.0	8.60	2.77	9.05	2.81	9.50	2.86	9.72	2.88	10.39	2.95	10.84	3.00
	40.0	8.15	2.94	8.60	2.99	9.04	3.04	9.27	3.06	9.94	3.13	10.39	3.18
	43.0	7.61	2.76	7.98	2.76	8.34	2.76	8.51	2.76	9.04	2.76	9.37	2.76
	46.0	6.54	2.19	6.84	2.19	7.12	2.19	7.26	2.19	7.67	2.19	7.93	2.19
2.5+3.5+3.5+6.0	22.0	9.85	2.14	10.30	2.19	10.75	2.23	10.98	2.25	11.65	2.31	12.10	2.35
	25.0	9.57	2.22	10.03	2.26	10.48	2.31	10.70	2.33	11.38	2.39	11.83	2.43
	32.0	8.94	2.42	9.39	2.46	9.84	2.50	10.06	2.52	10.74	2.58	11.19	2.63
	35.0	8.66	2.51	9.11	2.55	9.56	2.59	9.79	2.61	10.47	2.68	10.92	2.72
	40.0	8.21	2.67	8.66	2.71	9.11	2.75	9.33	2.77	10.01	2.84	10.46	2.88
	43.0	7.93	2.76	8.32	2.76	8.71	2.76	8.90	2.76	9.45	2.76	9.81	2.76
	46.0	6.74	2.19	7.05	2.19	7.35	2.19	7.50	2.19	7.94	2.19	8.22	2.19
3.5+3.5+3.5+3.5	22.0	9.71	2.56	10.15	2.61	10.60	2.66	10.82	2.69	11.49	2.76	11.93	2.81
	25.0	9.44	2.66	9.88	2.71	10.33	2.76	10.55	2.78	11.22	2.86	11.66	2.91
	32.0	8.81	2.89	9.25	2.94	9.70	2.99	9.92	3.01	10.59	3.09	11.03	3.14
	35.0	8.54	3.00	8.98	3.05	9.43	3.10	9.65	3.12	10.32	3.20	10.76	3.25
	40.0	8.09	3.19	8.53	3.24	8.98	3.29	9.20	3.31	9.82	3.34	10.21	3.34
	43.0	7.43	2.76	7.79	2.76	8.13	2.76	8.30	2.76	8.79	2.76	9.12	2.76
	46.0	6.45	2.19	6.73	2.19	7.00	2.19	7.13	2.19	7.52	2.19	7.78	2.19
3.5+3.5+3.5+5.0	22.0	9.86	2.45	10.31	2.50	10.76	2.54	10.99	2.57	11.66	2.64	12.12	2.69
	25.0	9.58	2.54	10.04	2.58	10.49	2.63	10.71	2.66	11.39	2.73	11.84	2.78
	32.0	8.95	2.76	9.40	2.81	9.85	2.86	10.07	2.88	10.75	2.95	11.20	3.00
	35.0	8.67	2.86	9.12	2.91	9.57	2.96	9.80	2.98	10.48	3.05	10.93	3.10
	40.0	8.21	3.05	8.67	3.09	9.12	3.14	9.34	3.17	10.02	3.24	10.47	3.29
	43.0	7.60	2.76	7.97	2.76	8.32	2.76	8.50	2.76	9.01	2.76	9.34	2.76
	46.0	6.55	2.19	6.84	2.19	7.12	2.19	7.26	2.19	7.66	2.19	7.93	2.19

3D050149#13

SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)

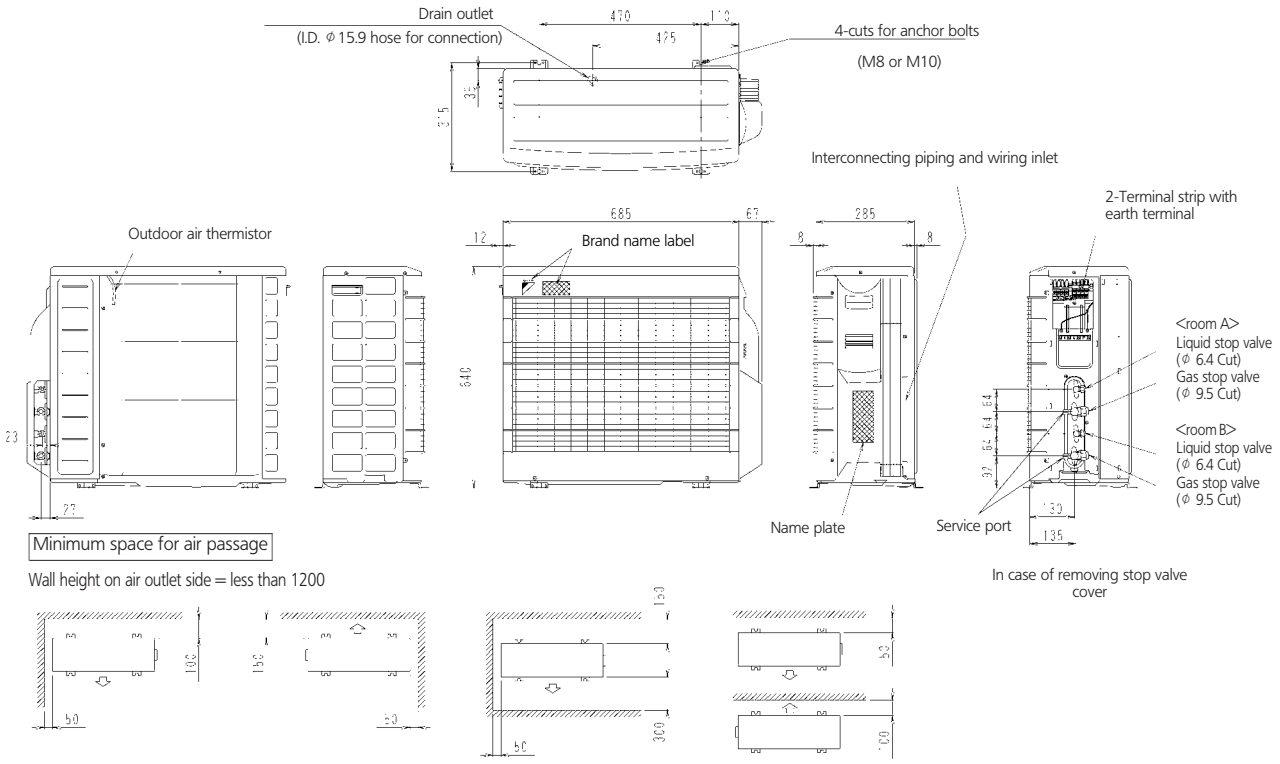
NOTES

Nominal cooling capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

5 Dimensional drawing & centre of gravity

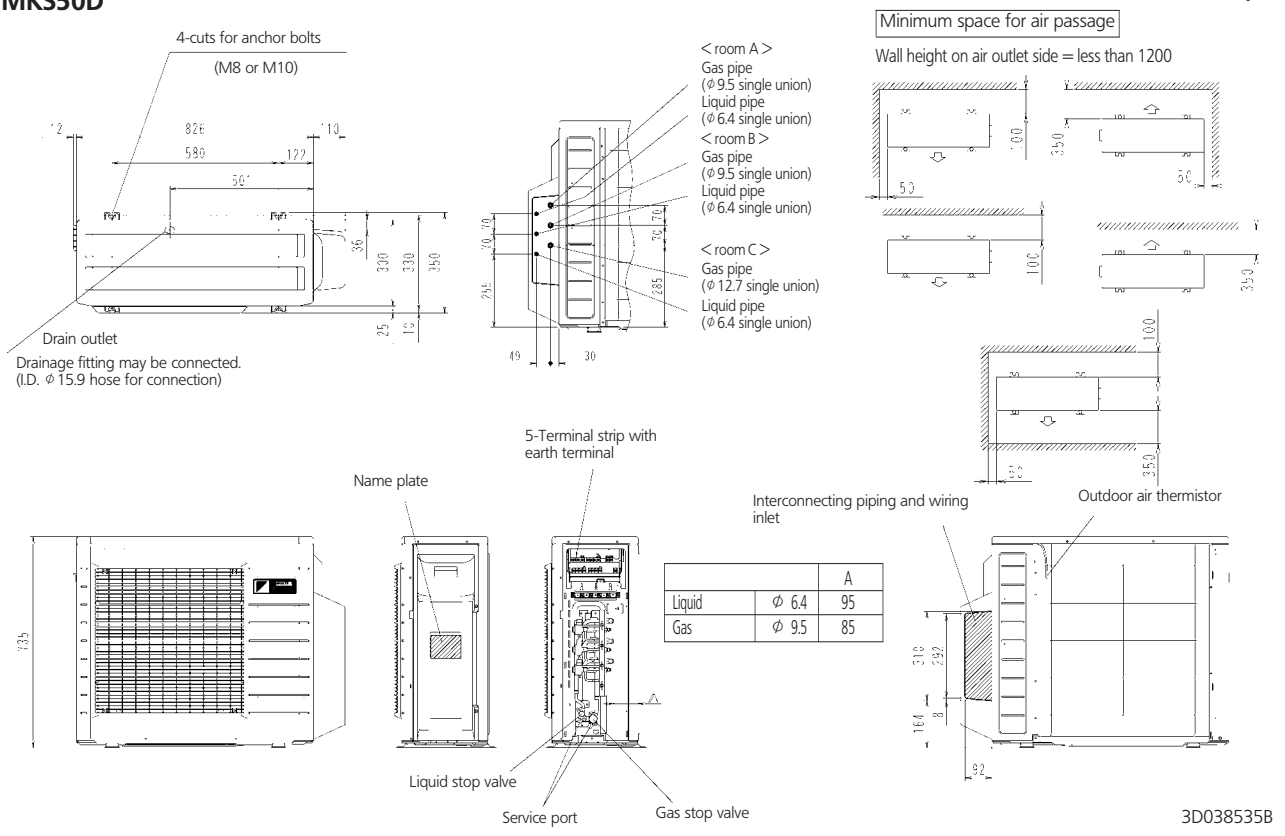
5 - 1 Dimensional drawing

2MKS40D unit (mm)



3D039393A

3MKS50D unit (mm)



		A
Liquid	φ 6.4	95
Gas	φ 9.5	85

3D038535B

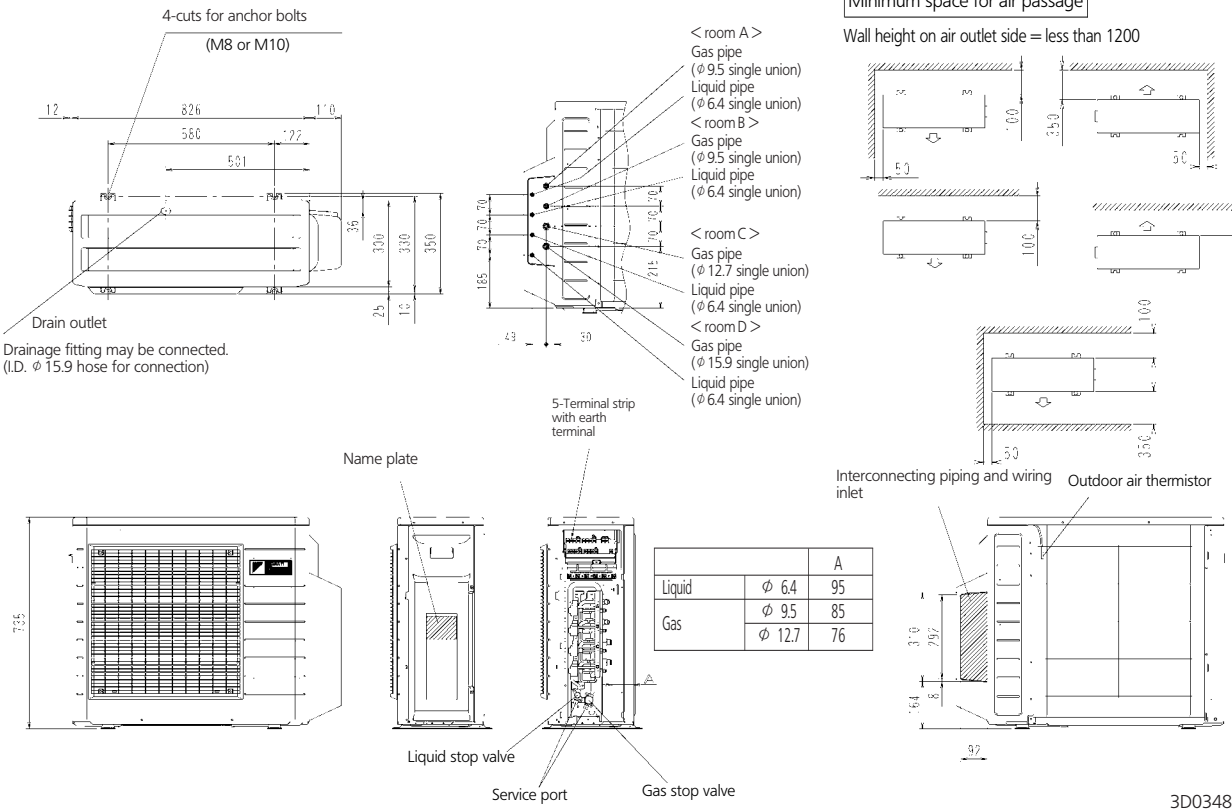
5 Dimensional drawing & centre of gravity

5 - 1 Dimensional drawing

5

4MKS58D

unit (mm)

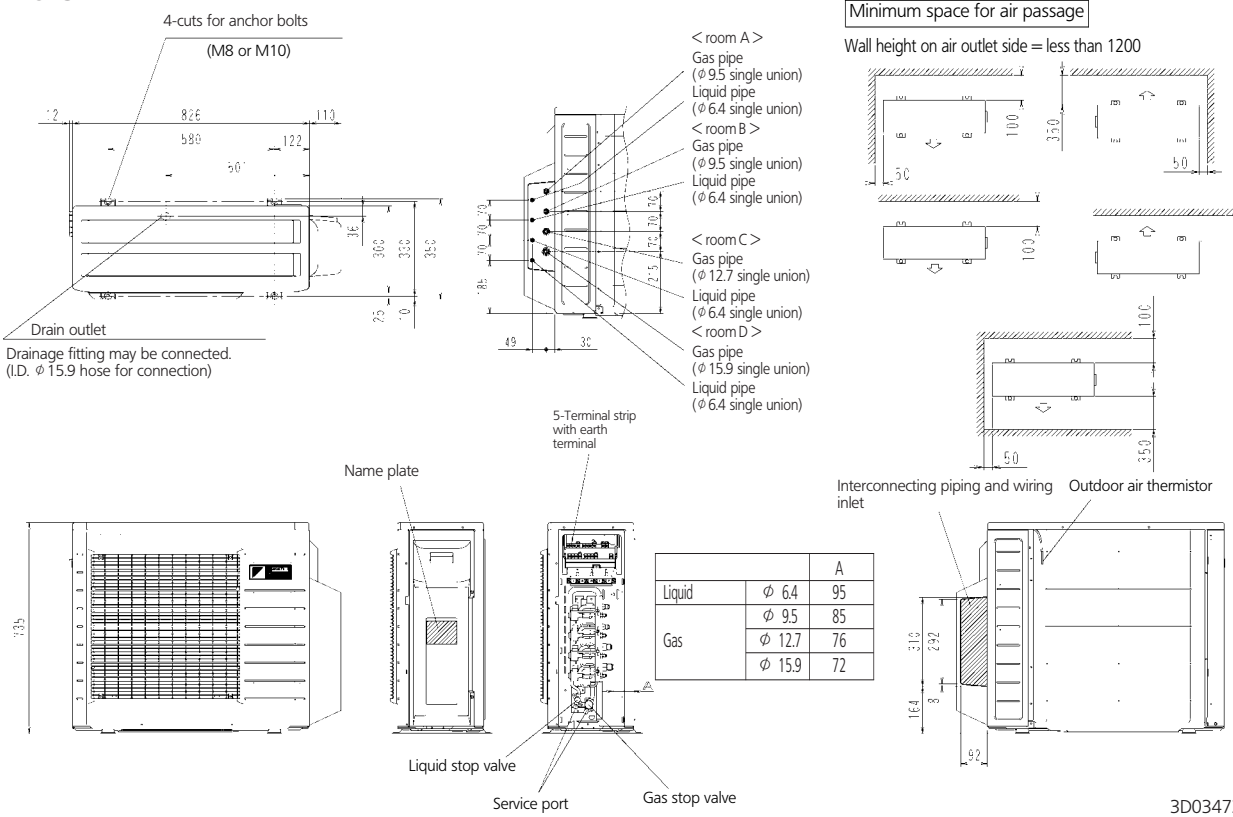


		A
Liquid	ϕ 6.4	95
Gas	ϕ 9.5	85
	ϕ 12.7	76

3D034843C

4MKS75D

unit (mm)



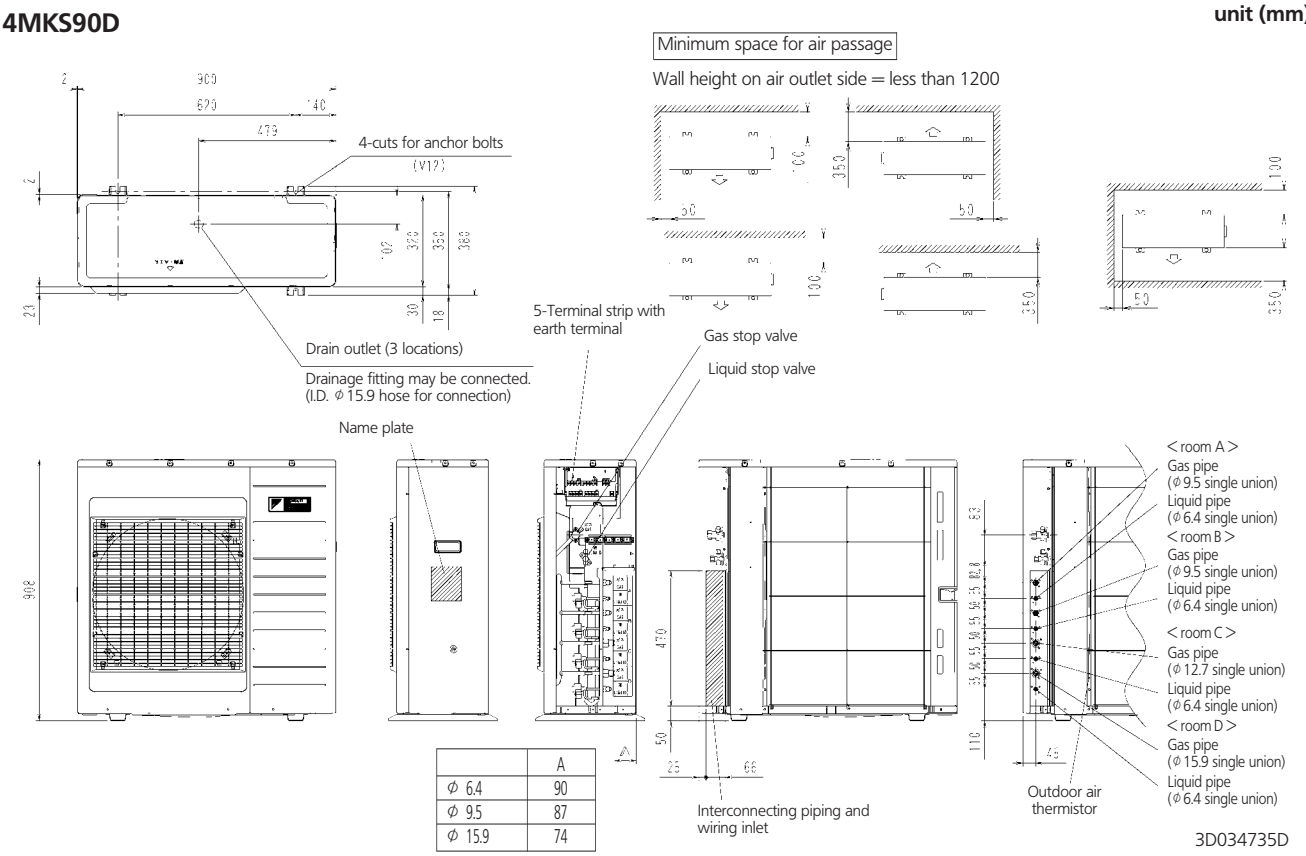
		A
Liquid	ϕ 6.4	95
Gas	ϕ 9.5	85
	ϕ 12.7	76
	ϕ 15.9	72

3D034734D

5 Dimensional drawing & centre of gravity

5 - 1 Dimensional drawing

4MKS90D unit (mm)

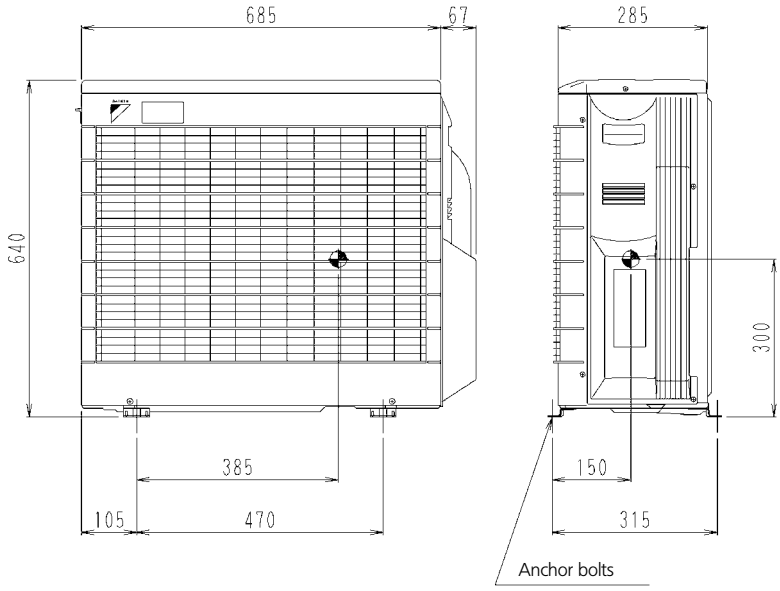


	A
ϕ 6.4	90
ϕ 9.5	87
ϕ 15.9	74

5 Dimensional drawing & centre of gravity

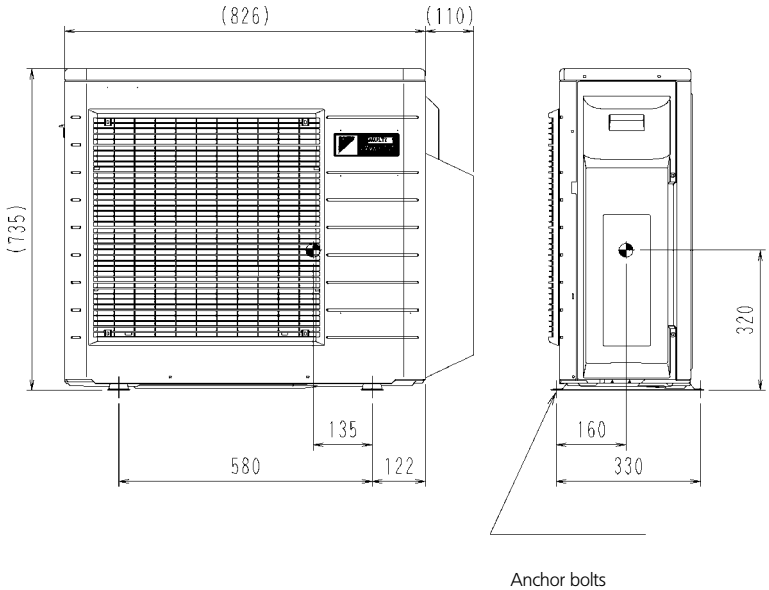
5 - 2 Centre of gravity

2MKS40D



4D040427A

3MKS50D, 4MKS58, 75D

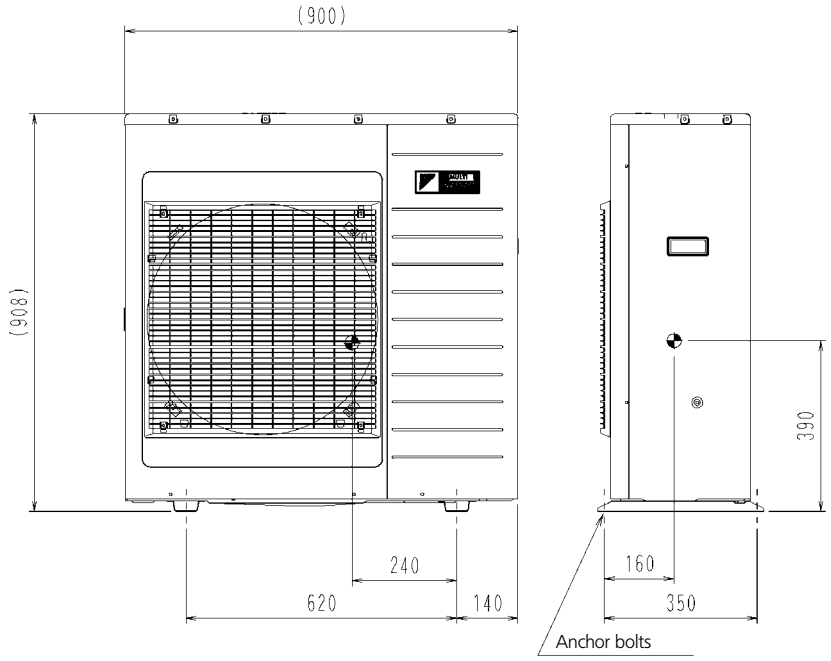


4D037024F

5 Dimensional drawing & centre of gravity

5 - 2 Centre of gravity

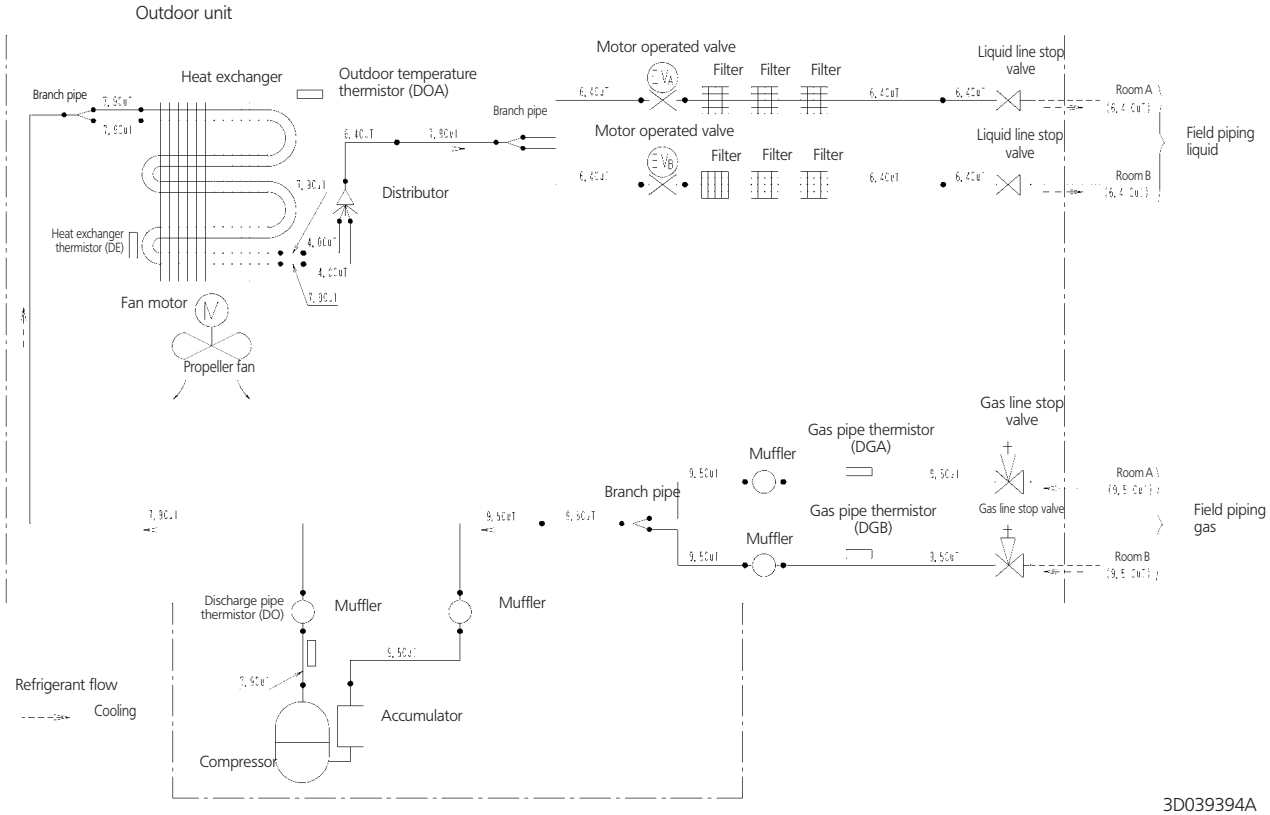
4MKS90D



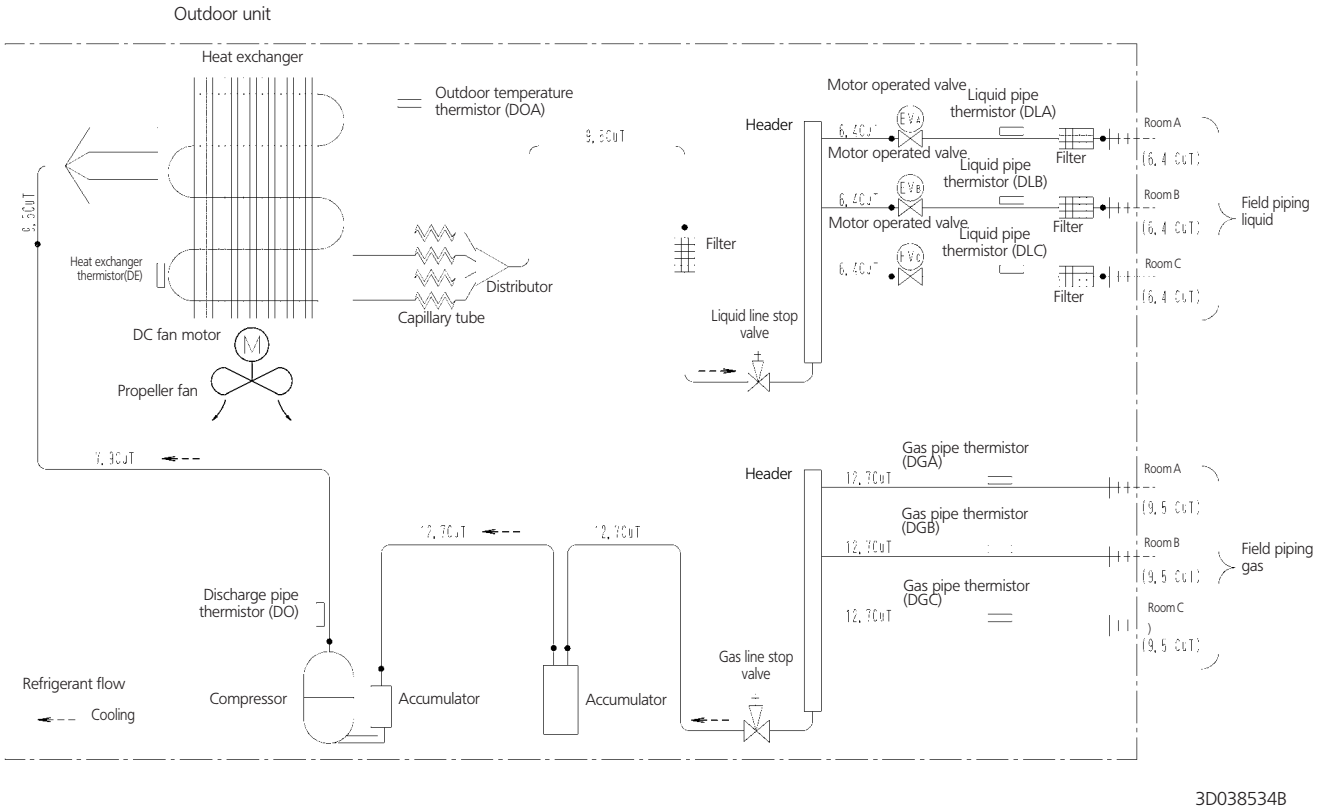
4D037025D

6 Piping diagram

2MKS40D

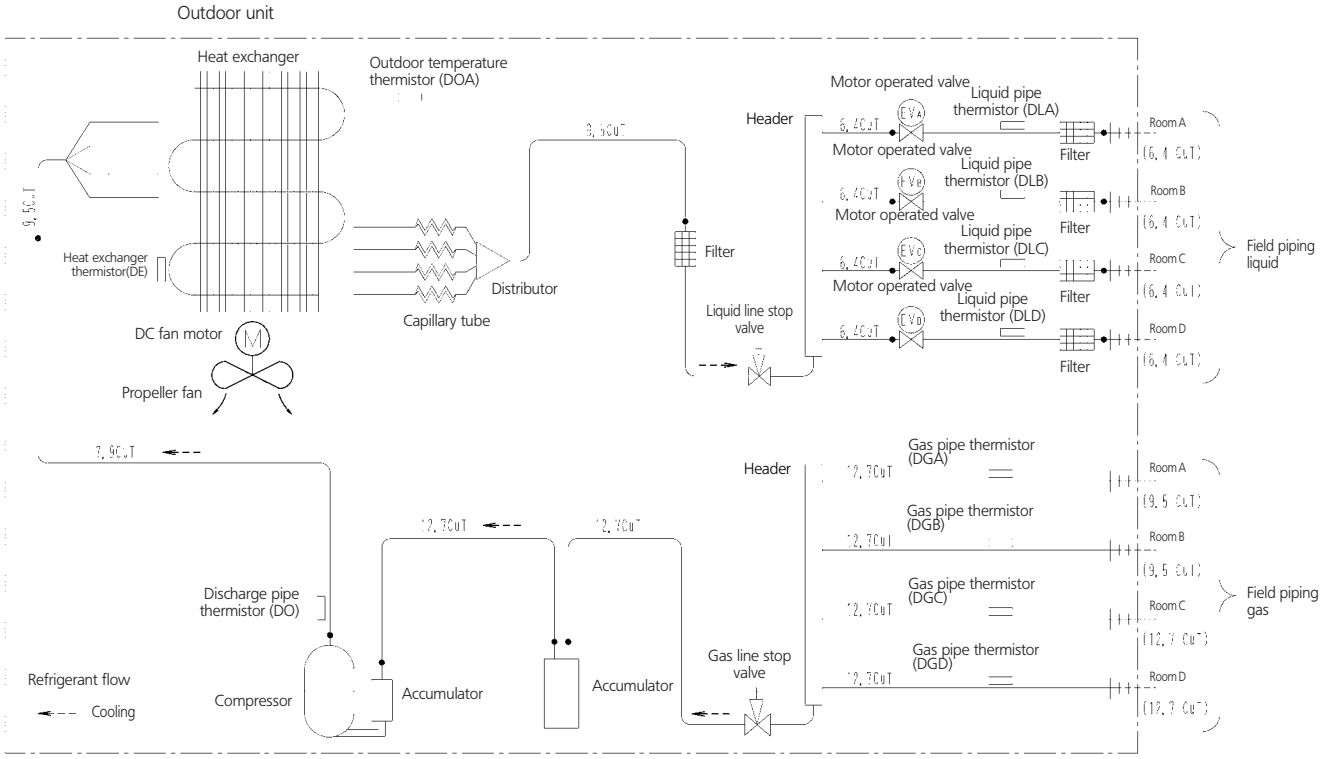


3MKS50D



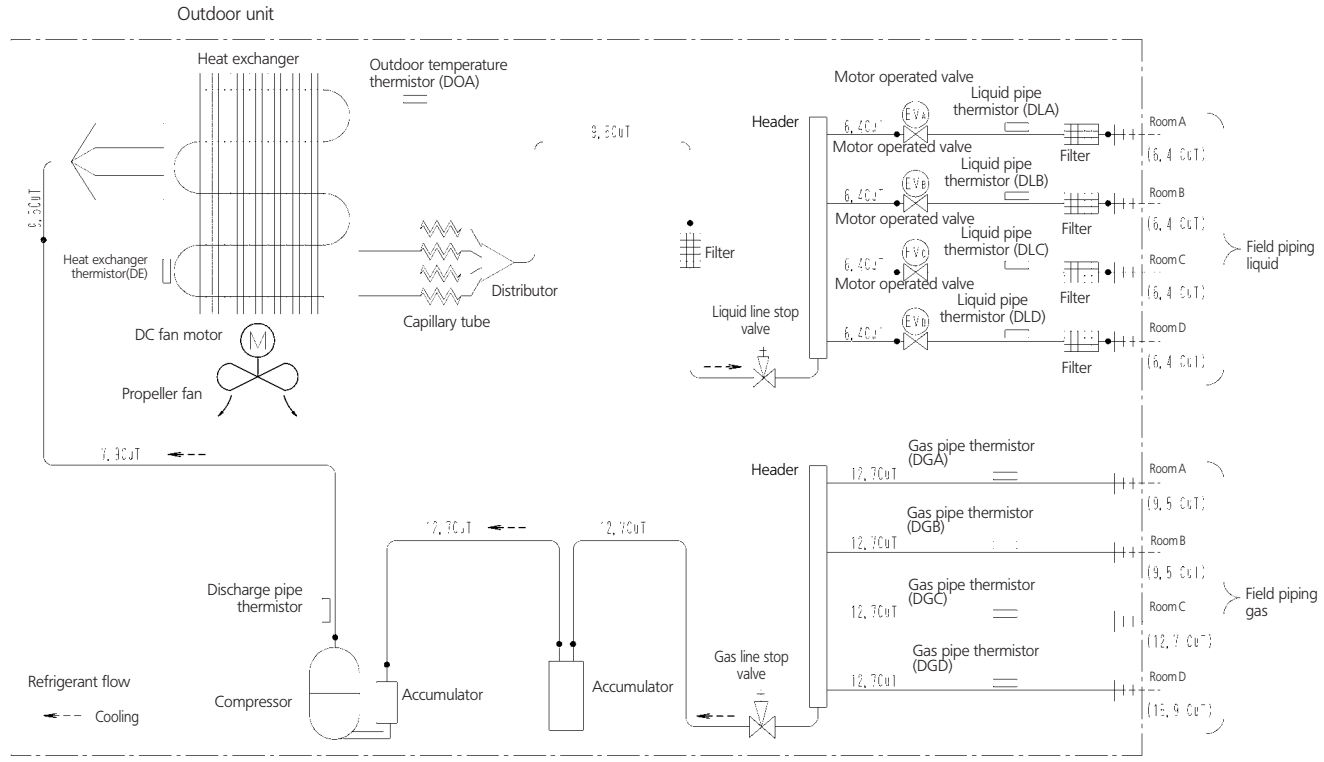
6 Piping diagram

4MKS58D



3D034514C

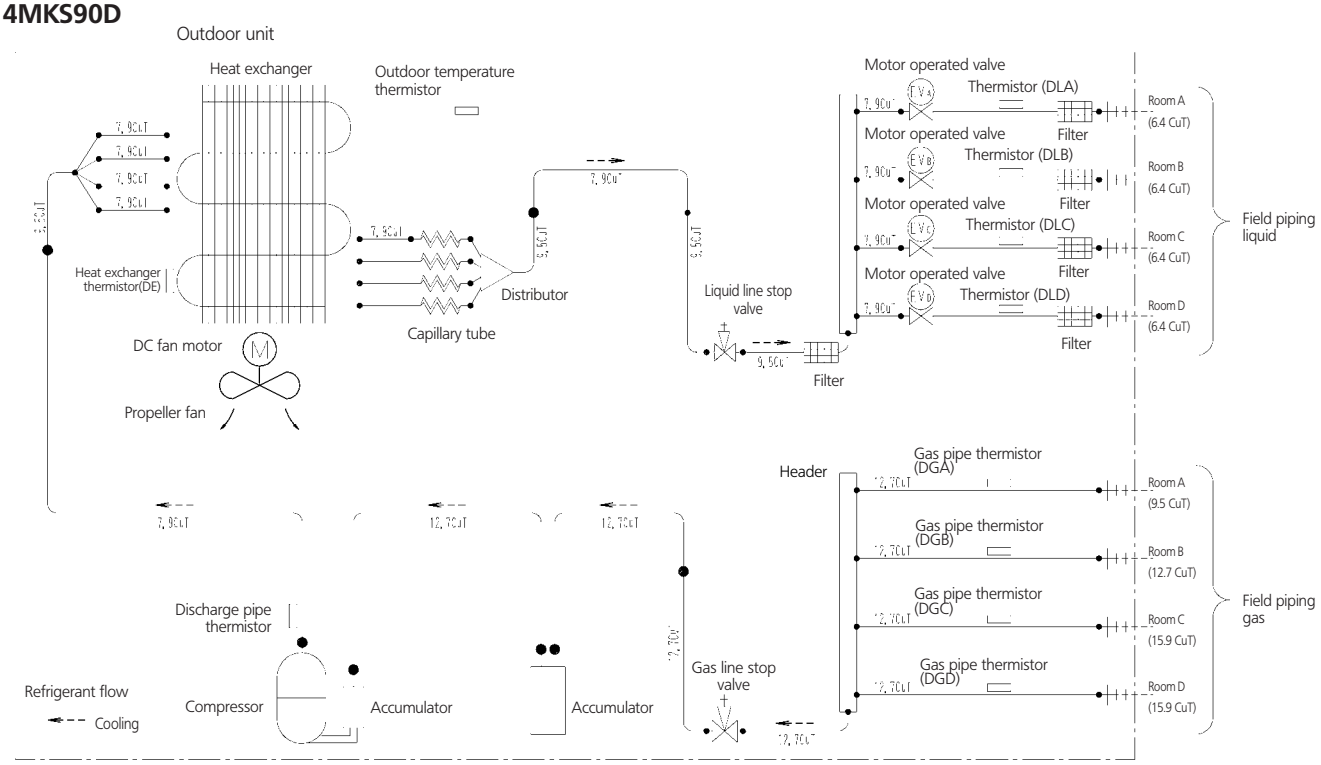
4MKS75D



3D034513C

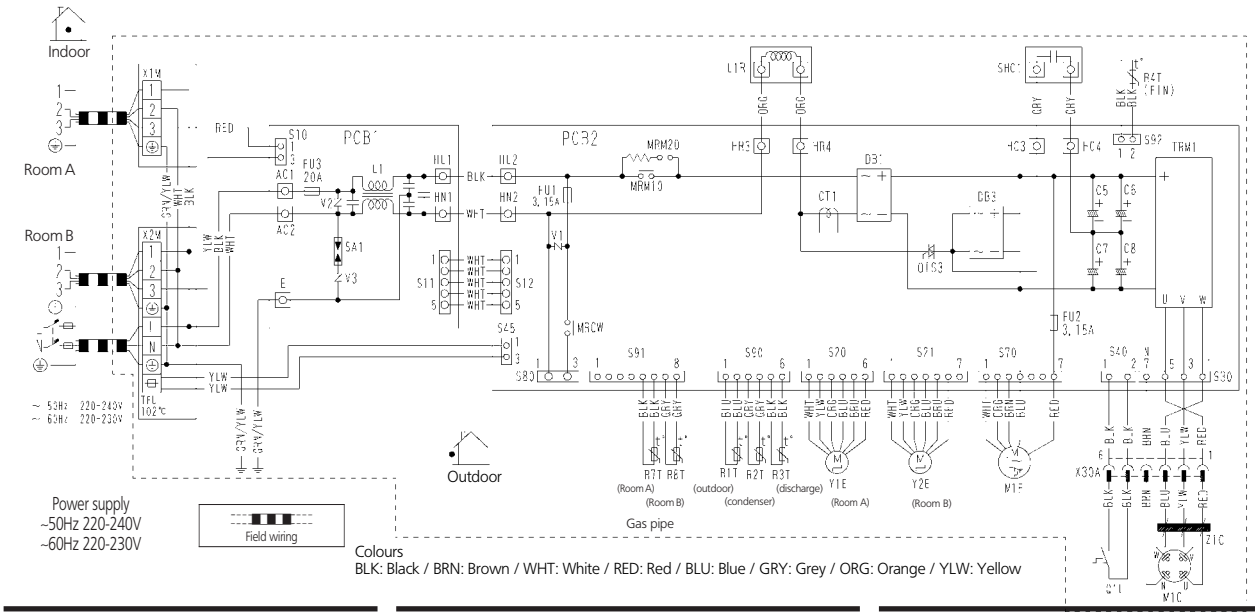
6 Piping diagram

4MKS90D



7 Wiring diagram

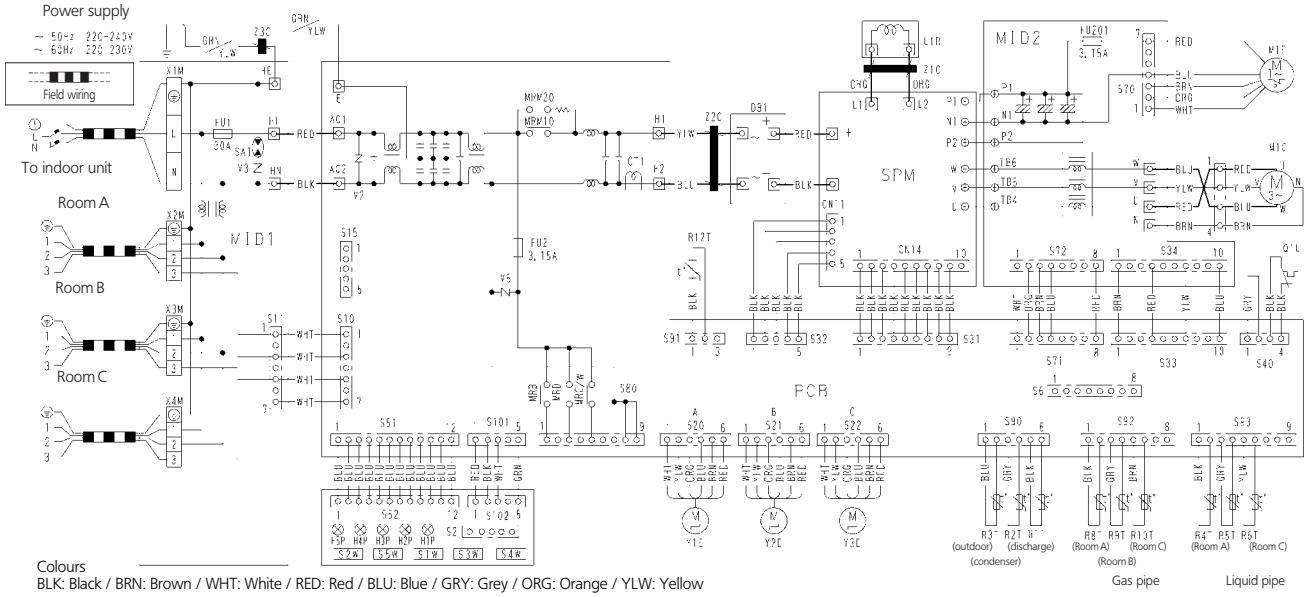
2MKS40D



C5~C8, SHC1	: Capacitor	OIS3	: Solid state relay	X1M, X2M	: Terminal strip
CT1	: Current transformer	PCB1, PCB2	: Printed circuit board	Y1E~Y3E	: Electronic expansion valve coil
DB1, DB2	: Diode bridge	Q1L	: Overload protector	Z1C	: Ferrite core
F1U, F2U	: Fuse	R1T~R8T	: Thermistor	⏚	: Protective earth
L	: Live	SA1	: Surge arrester	S10~S12, S20, S21, S30	
L1	: Coil	TFU	: Thermal fuse	S40, S45, S70, S80, S90~S92,	
L1R	: Reactor	TRM1	: Transistor module	HL1, HL2, HN1, HN2, HR3, HR4,	
M1C	: Compressor motor	V1, V2, V3	: Varistor	AC1, AC2, HC3, HC4, E, X30A	: Connector
M1F	: Fan motor				
MRCW, MRM10, MRM20	: Magnetic relay				
N	: Neutral				

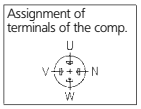
3D039654A

3MKS50D



Z1C~Z3C	: Ferrite core	R1T~R12T	: Thermistor	SA1	: Surge arrester
X1M~X4M	: Terminal strip	S2~S102		PCB	: Printed circuit board
Y1E~Y3E	: Electronic expansion valve coil	CN11, CN14	: Connector	DB1	: Diode bridge
V2~V5	: Varistor	H1P~H5P	: Pilot lamp	M1C	: Compressor motor
F1U, F2U, FU201	: Fuse	L	: Live	M1F	: Fan motor
HE, HL, HN		N	: Neutral	L1R	: Reactor
E, AC1, AC2		S1W	: Forced operation on/off switch (SW1)	Q1L	: Overload protector
H1, H2, L1, L2	: Connector	S2W	: Select SW (SW2)	MID1~MID2	: Molded interconnect device
MRM10, MRM20		S3W	: Wiring error check SW (SW3)	SPM	: System power module
MRB, MRD, MRC/W	: Magnetic relay	S4W	: Priority room setting SW (SW4)	CT1	: Current transformer
		S5W	: Night quiet mode setting SW (SW5)		

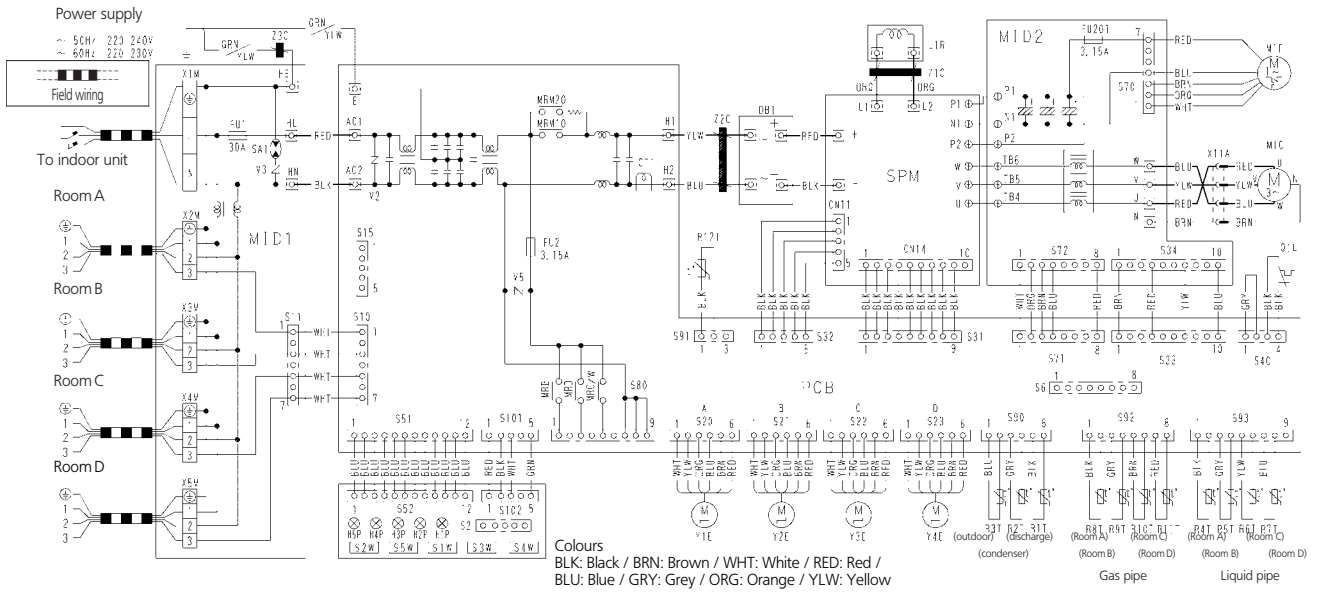
Assignment of terminals of the comp.



3D038533C

7 Wiring diagram

4MKS58, 75D



Z1C~Z3C	: Ferrite core
X1M~X5M	: Terminal strip
Y1E~Y4E	: Electronic expansion valve coil
V2~V5	: Varistor
F1U, F2U, FU201	: Fuse
HE, HL, HN	
E, AC1, AC2	
H1, H2, L1, L2	: Connector
MRM10, MRM20	
MRB, MRD	
MRC/W	: Magnetic relay

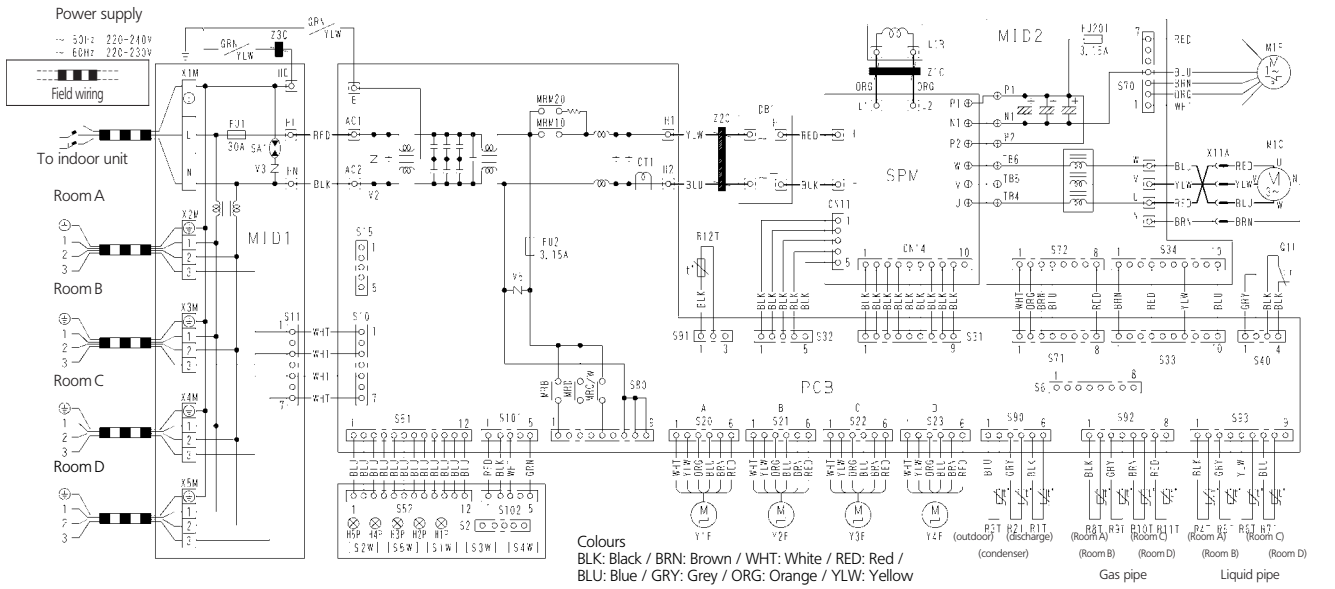
R1T~R12T	: Thermistor
S2~S102	: Connector
H1P~H5P	: Pilot lamp
MID1~MID2	: Molded interconnect device
L	: Live
N	: Neutral
S1W	: Forced operation on/off switch (SW1)
S2W	: Select SW (SW2)
S3W	: Wiring error check SW (SW3)
S4W	: Priority room setting SW (SW4)

S5W	: Night quiet mode setting SW (SW5)
SA1	: Surge arrester
PCB	: Printed circuit board
DB1	: Diode bridge
M1C	: Compressor motor
M1F	: Fan motor
L1R	: Reactor
Q1L	: Overload protector
SPM	: System power module
CT1	: Current transformer

Assignment of terminals of the comp.

3D034315F

4MKS90D



Z1C~Z3C	: Ferrite core
X1M~X5M	: Terminal strip
Y1E~Y4E	: Electronic expansion valve coil
V2~V5	: Varistor
F1U, F2U, FU201	: Fuse
HE, HL, HN	
E, AC1, AC2	
H1, H2, L1, L2	: Connector
MRM10, MRM20	
MRB, MRD	
MRC/W	: Magnetic relay

R1T~R12T	: Thermistor
S2~S102	: Connector
H1P~H5P	: Pilot lamp
MID1~MID2	: Molded interconnect device
L	: Live
N	: Neutral
S1W	: Forced operation on/off switch (SW1)
S2W	: Select SW (SW2)
S3W	: Wiring error check SW (SW3)
S4W	: Priority room setting SW (SW4)

S5W	: Night quiet mode setting SW (SW5)
SA1	: Surge arrester
PCB	: Printed circuit board
DB1	: Diode bridge
M1C	: Compressor motor
M1F	: Fan motor
L1R	: Reactor
Q1L	: Overload protector
SPM	: System power module
CT1	: Current transformer

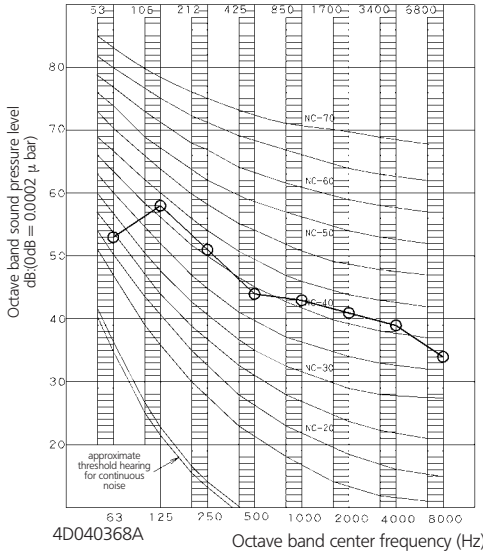
Assignment of terminals of the comp.

3D034315E

8 Sound data

8 - 1 Sound pressure spectrum

2MKS40D (Cooling)



4D040368A

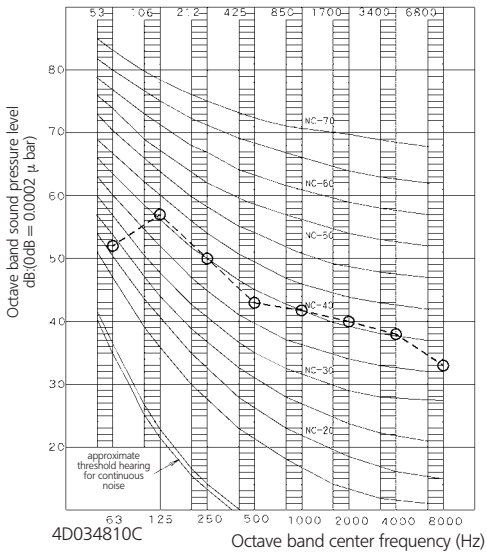
NOTES

1. Operation sound is measured in an anechoic chamber.
2. Operation sound level differs with operation and ambient conditions.
3. Reference acoustic pressure 0dB = 20μPa

Legend

50/60Hz, 220-240/220-230V

3MKS50D, 4MKS58D (Cooling)



4D034810C

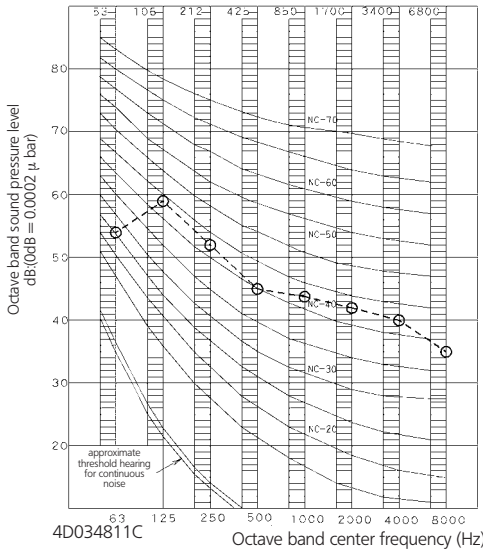
NOTES

1. Operation sound is measured in an anechoic chamber.
2. Operation sound level differs with operation and ambient conditions.
3. Reference acoustic pressure 0dB = 20μPa

Legend

50/60Hz, 220-240/220-230V

4MKS75D (Cooling)



4D034811C

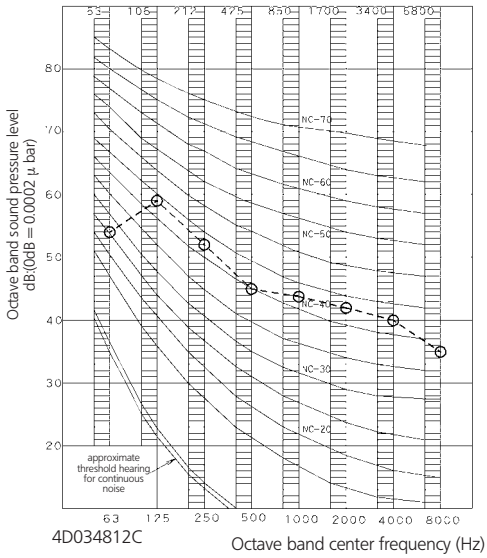
NOTES

1. Operation sound is measured in an anechoic chamber.
2. Operation sound level differs with operation and ambient conditions.
3. Reference acoustic pressure 0dB = 20μPa

Legend

50/60Hz, 220-240/220-230V

4MKS90D (Cooling)



4D034812C

NOTES

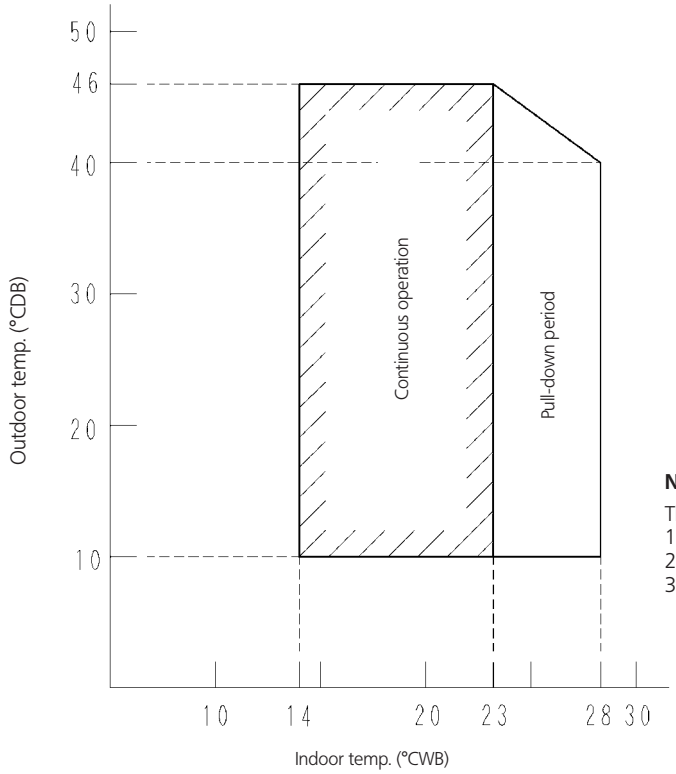
1. Operation sound is measured in an anechoic chamber.
2. Operation sound level differs with operation and ambient conditions.
3. Reference acoustic pressure 0dB = 20μPa

Legend

50/60Hz, 220-240/220-230V

9 Operation range

2MKS40D



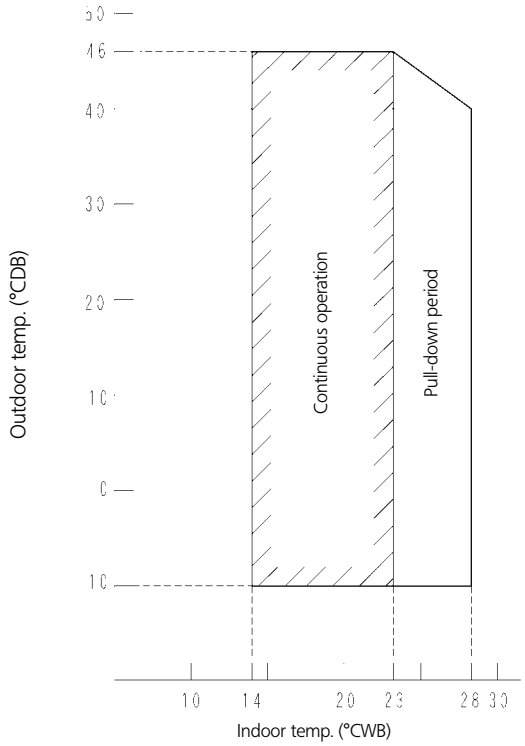
Notes:

The graph is based on the following conditions:

1. Equivalent piping length	7.5 m
2. Level difference	0 m
3. Air flow rate	high

4D040366A

3MKS50, 58, 75D



Notes:

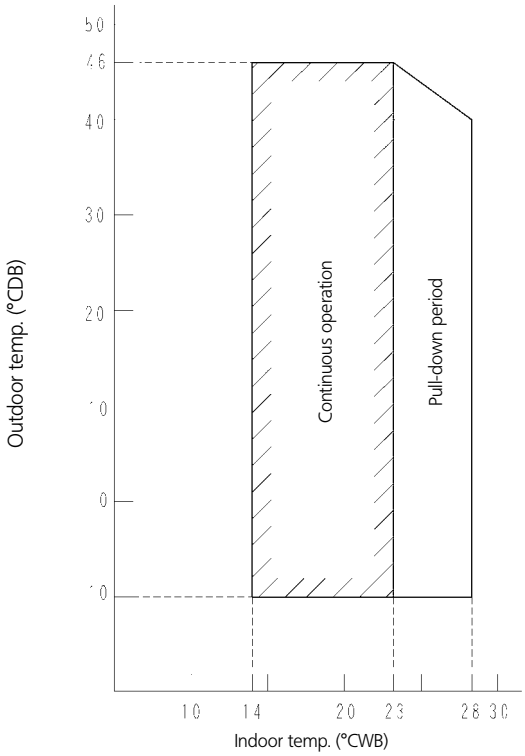
The graph is based on the following conditions:

1. Equivalent piping length	7.5 m
2. Level difference	0 m
3. Air flow rate	high

4D034957B

9 Operation range

4MKS90D



Notes:

The graph is based on the following conditions:

1. Equivalent piping length	7.5 m
2. Level difference	0 m
3. Air flow rate	high

4D034959B