



Air Conditioning

Technical Data

Multi model application



EEDEN14-100

MXS-K

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MXS-K

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1 Features

- Outdoor units for multi model application.
- Up to 3 indoor units can be connected to 1 multi outdoor unit; all indoor units are individually controllable and do not need to be installed in the same room or at the same time
- Different types of indoor units can be connected: e.g. wall mounted, ceiling mounted cassette corner, concealed ceiling unit
- The use of inverter type outdoor units results in an air conditioning system with a high energy efficiency and very low sound level
- Night quiet mode automatically reduces the operation sound of the outdoor unit by 3dBA during nighttime (multi outdoor units in cooling mode only)
- Outdoor unit silent operation: "silent" button on the remote control lowers the operation sound of the outdoor unit by 3dBA to ensure a quiet environment for the neighbourhood.
- Energy saving during standby mode: reduces current consumption by about 80% when operating In standby. If no people are detected for more than 20 minutes, the system will automatically switch to the current-saving mode.
- Anti-corrosion treated outdoor heat exchanger fin
- Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall
- Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency



Inverter



Energy saving
during standby
mode



Outdoor unit
silent operation



Night quiet
mode



Self diagnosis

2 Specifications

2-1 Technical Specifications					3MXS40K		
Capacity control	Method				Inverter controlled		
Casing	Colour				Ivory white		
Dimensions	Unit	Height	mm		735		
		Width	mm		936		
		Depth	mm		300		
	Packed unit	Height	mm		797		
		Width	mm		992		
		Depth	mm		390		
Weight	Unit		kg		49		
	Packed unit		kg		56		
Heat exchanger	Length		mm		845		
	Rows	Quantity		2			
	Fin pitch		mm		1.8		
	Stages	Quantity		32			
	Fin	Type		Colgate fin			
		Treatment		Anti-corrosion treatment			
	Compressor	Model			2YC36BXD		
Type			Hermetically sealed swing compressor				
Output		W	1,100				
Fan	Type				Propeller fan		
	Air flow rate	Cooling	High	m³/min	45		
				cfm	1,589		
			Nom.	m³/min	45		
				cfm	1,589		
			Low	m³/min	41		
		cfm		1,448			
		Super low	m³/min	-			
			cfm	-			
			Heating	High	m³/min	45	
		cfm			1,589		
	Low	m³/min		41			
		cfm		1,448			
	Super low	m³/min	-				
		cfm	-				
		Running current	Cooling	Low	A	0.29	
				High	A	0.33	
	Heating		Low	A	0.29		
			High	A	0.33		
	Power consumption	Cooling	Low	W	34		
			High	W	43		
		Heating	Low	W	34		
			High	W	43		
Fan motor	Model			KFD-380-50-8C			
	Output			W	53		
	Speed	Cooling	High	rpm	720		
			Low	rpm	660		
			Super low	rpm	-		
		Heating	High	rpm	720		
			Low	rpm	660		
			Super low	rpm	-		
Sound power level	Cooling			dBA	59		
	Heating			dBA	60		
Sound pressure level	Cooling	Nom.		dBA	46		
	Heating	Nom.		dBA	47		

2 Specifications

2-1 Technical Specifications					3MXS40K
Operation range	Cooling	Ambien t	Min.	°CDB	-10
			Max.	°CDB	46
	Heating	Ambien t	Min.	°CWB	-15
			Max.	°CWB	18
Refrigerant	Type				R-410A
	Charge			kg	2.0
	GWP				1,975
Refrigerant oil	Type				FVC50K
	Charged volume			l	0.65
Piping connections	Liquid	Quantity			3
		OD		mm	6.35
	Gas	Quantity			3
		OD		mm	9.5
	Drain	ID		mm	-
		OD		mm	16 (inner diameter of connecting hose)
	Piping length	OU - IU	Max.	m	25
	Level difference	IU - OU	Max.	m	15
		IU - IU	Max.	m	7.5
	Heat insulation				Both liquid and gas pipes
	Total piping length		System	Actual	m

Standard Accessories : Drain plug; Quantity : 1;

Standard Accessories : Installation manual; Quantity : 1;

2-2 Electrical Specifications				3MXS40K
Power supply	Name			V1
	Phase			1~
	Frequency	Hz		50
	Voltage	V		230
Current	Starting current	Cooling	A	4.0
		Heating	A	4.0
Current - 50Hz	Maximum fuse amps (MFA)		A	16
Current - 60Hz	Maximum fuse amps (MFA)		A	-
Wiring connections	For power supply	Remark		3 for power supply, 4 for interunit wiring (including earth wiring)

3 Electrical data

3 - 1 Electrical Data

3MXS40K

Model		Units				Power supply		Comp.		OFM	
Outdoor	H/P C/O	Hz	Volts	Min.	Max.	MCA	MFA	MSC	RLA	W	FLA
3MXS40K	H/P	50	220	198	242	13.4	16	4.2	3.3	44	0.30
			230	207	253			4.0	3.1		
			240	216	264			3.8	2.9		

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SYMBOLS

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note6) (A)
MSC : Max. current during the starting compressor (A)
RLA : Rated Load Amps (A)
OFM : Outdoor Fan Motor (A)
FLA : Full Load Amps (A)
W : Fan Motor Rated Output (W)

NOTES

1. RLA is based on the following conditions:
Cooling
Indoor temp.: 27°CDB/19.0°CWB
Outdoor temp. : 35°CDB
2. Voltage range.
Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed operation range limits.
3. Maximum allowable voltage unbalance between phases is 2%.
4. MCA represents maximum input current.
MFA represents capacity which may accept MCA.
5. Select wire size based on the larger value of MCA.
6. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).

4 Options

4 - 1 Options

3MXS40K

Outdoor Units

	3MXS40K
Air direction adjustment grille	KPV0945A4

5 Combination table

5 - 1 Combination Table

3MXS40K

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)				TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	EER	ENERGY LABEL	AEC (kWh)	Seasonal data			
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.					label	SEER	Pdesign	AEC
3MXS40K3V1B	1.5+1.5	1.50	1.50	---	---	1.78	3.00	4.20	0.35	0.63	1.12	1.60	2.80	5.00	98.00	4.76	A	315	A++	6.55	3.00	161
	1.5+2.0	1.50	2.00	---	---	1.78	3.50	4.20	0.35	0.80	1.12	1.50	3.50	4.90	99.00	4.38	A	400	A++	6.77	3.50	182
	1.5+2.5	1.50	2.50	---	---	1.78	4.00	4.20	0.35	0.98	1.12	1.50	4.30	4.90	99.00	4.08	A	490	A++	6.86	4.00	205
	1.5+3.5	1.20	2.80	---	---	1.78	4.00	4.21	0.35	0.98	1.12	1.50	4.30	4.90	99.00	4.08	A	490	A++	6.69	4.00	210
	2.0+2.0	2.00	2.00	---	---	1.88	4.00	4.54	0.35	0.95	1.12	1.50	4.20	4.90	99.00	4.21	A	475	A++	6.90	4.00	203
	2.0+2.5	1.78	2.22	---	---	1.88	4.00	4.54	0.35	0.95	1.12	1.50	4.20	4.90	99.00	4.21	A	475	A++	6.90	4.00	203
	2.0+3.5	1.45	2.55	---	---	1.88	4.00	4.55	0.35	0.95	1.09	1.50	4.20	4.80	99.00	4.21	A	475	A++	6.73	4.00	209
	2.5+2.5	2.00	2.00	---	---	1.88	4.00	4.54	0.35	0.95	1.12	1.50	4.20	4.90	99.00	4.21	A	475	A++	6.90	4.00	203
	2.5+3.5	1.67	2.33	---	---	1.88	4.00	4.54	0.35	0.95	1.12	1.50	4.20	4.90	99.00	4.21	A	475	A++	6.73	4.00	209
	3.5+3.5	2.00	2.00	---	---	1.88	4.00	4.58	0.35	0.95	1.12	1.50	4.20	4.90	99.00	4.21	A	475	A++	6.56	4.00	214
	1.5+1.5+1.5	1.33	1.33	1.33	---	1.80	4.00	4.60	0.35	0.83	0.98	1.50	3.60	4.30	99.00	4.82	A	415	A++	6.97	4.00	201
	1.5+1.5+2.0	1.20	1.20	1.60	---	1.80	4.00	4.60	0.35	0.84	0.98	1.50	3.70	4.30	99.00	4.76	A	420	A++	6.97	4.00	201
	1.5+1.5+2.5	1.09	1.09	1.82	---	1.80	4.00	4.60	0.35	0.84	0.98	1.50	3.70	4.30	99.00	4.76	A	420	A++	6.97	4.00	201
	1.5+1.5+3.5	0.92	0.92	2.15	---	1.80	4.00	4.60	0.37	0.84	0.98	1.60	3.70	4.30	99.00	4.76	A	420	A++	6.80	4.00	206
	1.5+2.0+2.0	1.09	1.45	1.45	---	1.80	4.00	4.60	0.35	0.84	0.98	1.50	3.70	4.30	99.00	4.76	A	420	A++	6.98	4.00	201
	1.5+2.0+2.5	1.00	1.33	1.67	---	1.80	4.00	4.60	0.35	0.84	0.98	1.50	3.70	4.30	99.00	4.76	A	420	A++	6.98	4.00	201
	1.5+2.0+3.5	0.86	1.14	2.00	---	1.80	4.00	4.60	0.37	0.84	0.98	1.60	3.70	4.30	99.00	4.76	A	420	A++	6.81	4.00	206
	1.5+2.5+2.5	0.92	1.54	1.54	---	1.80	4.00	4.60	0.37	0.84	0.98	1.60	3.70	4.30	99.00	4.76	A	420	A++	6.98	4.00	201
	2.0+2.0+2.0	1.33	1.33	1.33	---	1.86	4.00	4.60	0.35	0.81	0.98	1.50	3.60	4.30	99.00	4.94	A	405	A++	7.02	4.00	200
	2.0+2.0+2.5	1.23	1.23	1.54	---	1.86	4.00	4.60	0.35	0.81	0.98	1.50	3.60	4.30	99.00	4.94	A	405	A++	7.02	4.00	200
	2.0+2.5+2.5	1.14	1.43	1.43	---	1.95	4.00	4.60	0.37	0.81	0.98	1.60	3.60	4.30	99.00	4.94	A	405	A++	7.02	4.00	200

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)				TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	COP	ENERGY LABEL	Seasonal data				
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				label	SCOP	Pdesign	AEC	Back-up heater capacity at -10°C
3MXS40K3V1B	1.5+1.5	2.30	2.30	---	---	1.22	4.60	5.00	0.31	1.11	1.29	1.4	4.9	5.7	99	4.14	A	A+	4.09	3.59	1229	0.68
	1.5+2.0	1.97	2.63	---	---	1.22	4.60	5.00	0.31	1.11	1.29	1.4	4.9	5.7	99	4.14	A	A+	4.12	3.61	1227	0.68
	1.5+2.5	1.73	2.88	---	---	1.22	4.60	5.00	0.31	1.10	1.29	1.4	4.8	5.7	99	4.18	A	A+	4.04	4.73	1640	0.91
	1.5+3.5	1.38	3.22	---	---	1.25	4.60	5.02	0.31	1.10	1.29	1.4	4.8	5.7	99	4.18	A	A+	4.17	4.84	1624	0.93
	2.0+2.0	2.30	2.30	---	---	1.28	4.60	5.00	0.31	1.11	1.29	1.4	4.9	5.7	99	4.14	A	A+	4.05	4.75	1641	0.92
	2.0+2.5	2.04	2.56	---	---	1.28	4.60	5.00	0.31	1.10	1.29	1.4	4.8	5.7	99	4.18	A	A+	4.07	4.76	1636	0.92
	2.0+3.5	1.67	2.93	---	---	1.34	4.60	5.02	0.31	1.10	1.29	1.4	4.8	5.7	99	4.18	A	A+	4.23	4.86	1609	0.93
	2.5+2.5	2.30	2.30	---	---	1.28	4.60	5.00	0.31	1.10	1.29	1.4	4.8	5.7	99	4.18	A	A+	4.08	4.77	1636	0.92
	2.5+3.5	1.92	2.68	---	---	1.34	4.60	5.02	0.31	1.10	1.29	1.4	4.8	5.7	99	4.18	A	A+	4.24	4.87	1610	0.93
	3.5+3.5	2.30	2.30	---	---	1.40	4.60	5.04	0.31	1.10	1.28	1.4	4.8	5.6	99	4.18	A	A+	4.37	4.93	1580	0.94
	1.5+1.5+1.5	1.53	1.53	1.53	---	1.32	4.60	5.00	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A	A+	4.29	4.93	1609	0.94
	1.5+1.5+2.0	1.38	1.38	1.84	---	1.32	4.60	5.07	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A	A+	4.31	4.94	1605	0.95
	1.5+1.5+2.5	1.25	1.25	2.09	---	1.32	4.60	5.07	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A	A+	4.31	4.94	1603	0.94
	1.5+1.5+3.5	1.06	1.06	2.48	---	1.32	4.60	5.09	0.32	0.91	1.01	1.4	4.0	4.4	99	5.05	A	A+	4.39	4.95	1578	0.94
	1.5+2.0+2.0	1.25	1.67	1.67	---	1.32	4.60	5.07	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A	A+	4.32	4.94	1602	0.94
	1.5+2.0+2.5	1.15	1.53	1.92	---	1.33	4.60	5.07	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A	A+	4.36	4.94	1588	0.94
	1.5+2.0+3.5	0.99	1.31	2.30	---	1.33	4.60	5.09	0.32	0.91	1.01	1.4	4.0	4.4	99	5.05	A	A+	4.40	4.95	1575	0.95
	1.5+2.5+2.5	1.06	1.77	1.77	---	1.33	4.60	5.07	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A	A+	4.34	4.95	1596	0.95
	2.0+2.0+2.0	1.53	1.53	1.53	---	1.34	4.60	5.07	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A	A+	4.34	4.95	1596	0.95
	2.0+2.0+2.5	1.42	1.42	1.77	---	1.34	4.60	5.07	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A	A+	4.35	4.95	1594	0.95
	2.0+2.5+2.5	1.31	1.64	1.64	---	1.45	4.60	5.07	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A	A+	4.36	4.95	1590	0.94

NOTES - ANMERKUNGEN - ΣΗΜΕΙΩΣΕΙΣ - NOTAS - REMARQUES - NOTE - OPMERKINGEN - ПРИМЕЧАНИЯ - NOTLAR

- Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature), 35°CDB (Outdoor temperature). Heating capacity is based on 20°CDB (Indoor temperature), 7°CDB/6°CWB (Outdoor temperature). K hleleistungen basieren auf 27  C TK/19  C FK (Innen Temperatur); 35  C TK (Au en Temperatur). Heizleistungen basieren auf 20  C TK (Innen Temperatur); 7  C TK/6  C FK (Au en Temperatur). Η ψυκτική απόδοση βασίζεται σε 27  CDB / 19  CWB (Βερροκρασία εσωτερικού χώρου), 35  CDB (εξωτερική βερροκρασία). Η απόδοση θέρμανσης βασίζεται σε 20  CDB (Βερροκρασία εσωτερικού χώρου), 7  CDB/6  CWB (εξωτερική βερροκρασία). Capacidad de refrigeración basada en 27  CDB/19  CBH (temperatura interior), 35  CBS (temperatura exterior). Capacidad de calefacción basada en 20  CBS (temperatura interior), 7  CBS/6  CBH (temperatura exterior). La puissance frigorifique est basée sur les conditions suivantes : 27  CBS/19  CBH (température intérieure), 35  CBS (température extérieure). La puissance calorifique est basée sur les conditions suivantes : 20  CBS (température intérieure), 7  CBS 6  CBH (température extérieure). La capacitat de refrigerament si basa su 27  CBS/19  CBU (temperatura interna), 35  CBS (temperatura esterna). La capacitat de riscaldament si basa su 20  CBS (temperatura interna), 7  CBS/6  CBU (temperatura esterna). Het koelvermogen is gebaseerd op 27  C DB/19  C NB (binnen temperatuur), 35  C DB (buiten temperatuur). Het verwarmingsvermogen is gebaseerd op 20  C D (binnen temperatuur), 7  C DB/6  C NB (buiten temperatuur). Холодопроизводительность при 27  C сух.т./19  C вл.т. (температура в помещении), 35  C сух.т. (температура наружного воздуха). Теплопроизводительность при 20  C сух.т. (температура в помещении), 7  C сух.т./6  C вл.т. (температура наружного воздуха). Soğutma kapasitesi ş  koşullara dayalıdır: 27  C KT/19  C YT'ye (i  ortam sıcaklığı), 35  C KT (D  ortam sıcaklığı). Isıtma kapasitesi ş  koşullara dayalıdır: 20  C KT (i  ortam sıcaklığı), 7  C KT/6  C YT (D  ortam sıcaklığı).
- The total ability of connected a indoor unit is up to 7.0kW. Die Gesamtleistungsf higkeit der angeschlossenen Innenger te betr gt bis zu 7 kW. Η συνολική ικον τητα µίας συνδεδεµένης εσωτερικής µονάδας είναι µέχρι 7,0kW. La capacidad total de una unidad interior conectada es de hasta 7,0 kW. La capacitat total d'una unit  interior connectada est de 7,0 kW maximum. La capacitat total de un'unit  interna collegata raggiunge i 7,0kW. Het totaal vermogen van een aangesloten binneneenit is tot 7,0 kW. Общая мощность подключенного внутреннего блока – до 7,0 кВт. Bağılı i  unitenin toplam kapasitesi maksimum 7,0kW'dır.
- It is impossible to connect the indoor unit for one room only. Es ist nicht m glich, das Innenger t f r nur einen Raum anzuschlie en. Είναί αδύνατη η σύνδεση της εσωτερικής µονάδας µόνο για ένα δωµάτιο. Es imposible conectar la unidad interior para una sola habitación. Il est impossible de connecter l'unit  int rieure pour une seule pi ce.   impossible collegare l'unit  interna per un solo locale. Het is niet mogelijk om alleen een binneneenit voor   n vertrek aan te sleuiten. Невозможно подключить внутренний блок только для одной комнаты. İ  unitenin yalnızca tek bir oda i in bağılanması m mk n değıldir.
- The above is the value for connecting with the following indoor units. 1.5kW: wall mounted CTXS-K series; 2.0, 2.5, 3.5kW: wall mounted FTXS-K series Der obige Wert gilt f r den Anschluss folgender Innenger te. 1.5 kW: Wandger t Baureihe CTXS-K; 2,0, 2,5, 3,5 kW: Wandger t Baureihe FTXS-K Η παραπάνω είναι τιμή για σύνδεση με τις παρακάτω εσωτερικές µονάδες, 1.5kW: επίτοιχη σειρά CTXS-K 2,0, 2,5, 3.5kW: επίτοιχη σειρά FTXS-K Arriba aparece el valor de conexi n para las siguientes unidades interiores 1.5 kW: serie CTXS-K montada en pared; 2,0, 2,5, 3,5 kW: serie FTXS-K montada en pared La valeur ci-avant est la valeur pour la connexion aux unit s int rieures suivantes : 1.5 kW : unit s murales s rie CTXS-K ; 2,0 / 2,5 / 3,5 kW : unit s murales s rie FTXS-K Sopra   mostrato il valore per il collegamento alle seguenti unit  interne. 1.5kW: serie CTXS-K a parete; 2,0, 2,5, 3.5kW: serie FTXS-K a parete De bovenstaande waarde is de waarde voor aansluiting met de volgende binneneenits. 1.5 kW: muurmodellen CTXS-K-serie, 2,0/2,5/3,5 kW: muurmodellen FTXS-K-serie Выше приведено значение для соединения со следующими внутренними блоками. 1,5 кВт: настенный блок серии CTXS-K; 2,0, 2,5, 3,5 кВт: настенный блок серии FTXS-K Aşağıdaki i  unitelere bağılantı i in ge erli veriler yukarıda verilmiştir. 1,5kW: duvar tipi CTXS-K serisi; 2,0, 2,5, 3,5kW: duvar tipi FTXS-K serisi

6 Capacity tables

6 - 1 Cooling Capacity Tables

3MXS40K

Cooling (50Hz 230V)

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

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
1,5	22,0	2,11	0,39	2,21	0,40	2,31	0,41	2,35	0,41	2,50	0,43	2,60	0,43
	25,0	2,05	0,41	2,15	0,42	2,25	0,42	2,30	0,43	2,44	0,44	2,54	0,45
	32,0	1,92	0,44	2,01	0,45	2,11	0,46	2,16	0,46	2,30	0,48	2,40	0,48
	35,0	1,86	0,46	1,95	0,47	2,05	0,48	2,10	0,48	2,25	0,49	2,34	0,50
	40,0	1,76	0,49	1,86	0,50	1,95	0,51	2,00	0,51	2,15	0,52	2,24	0,53
	43,0	1,70	0,51	1,80	0,52	1,90	0,52	1,94	0,53	2,09	0,54	2,19	0,55
	46,0	1,64	0,53	1,74	0,54	1,84	0,54	1,88	0,55	2,03	0,56	2,13	0,57
2,0	22,0	2,63	0,55	2,99	0,62	3,12	0,63	3,18	0,64	3,38	0,66	3,51	0,67
	25,0	2,63	0,59	2,91	0,64	3,04	0,65	3,10	0,66	3,30	0,68	3,43	0,69
	32,0	2,59	0,69	2,72	0,70	2,85	0,71	2,92	0,72	3,12	0,73	3,25	0,74
	35,0	2,51	0,71	2,64	0,72	2,77	0,73	2,84	0,74	3,04	0,76	3,17	0,77
	40,0	2,38	0,76	2,51	0,77	2,64	0,78	2,71	0,79	2,90	0,80	3,03	0,82
	43,0	2,30	0,79	2,43	0,80	2,56	0,81	2,63	0,82	2,82	0,83	2,96	0,84
	46,0	2,22	0,82	2,35	0,83	2,48	0,84	2,55	0,85	2,75	0,86	2,88	0,87
2,5	22,0	2,63	0,55	3,23	0,72	3,43	0,75	3,50	0,76	3,71	0,78	3,86	0,79
	25,0	2,63	0,59	3,19	0,76	3,34	0,78	3,41	0,78	3,63	0,81	3,77	0,82
	32,0	2,63	0,73	2,99	0,83	3,14	0,84	3,21	0,85	3,42	0,87	3,57	0,89
	35,0	2,63	0,79	2,90	0,86	3,05	0,87	3,12	0,88	3,34	0,90	3,48	0,92
	40,0	2,62	0,90	2,76	0,91	2,90	0,93	2,97	0,93	3,19	0,96	3,33	0,97
	43,0	2,53	0,93	2,67	0,95	2,82	0,96	2,89	0,97	3,10	0,99	3,25	1,00
	46,0	2,44	0,97	2,58	0,98	2,73	1,00	2,80	1,00	3,02	1,03	3,16	1,04
3,5	22,0	3,00	0,67	3,68	0,84	4,42	1,04	4,69	1,11	4,97	1,14	5,17	1,16
	25,0	3,00	0,72	3,68	0,90	4,42	1,12	4,57	1,15	4,86	1,18	5,05	1,20
	32,0	3,00	0,85	3,68	1,07	4,20	1,24	4,30	1,25	4,59	1,28	4,78	1,30
	35,0	3,00	0,91	3,68	1,16	4,08	1,28	4,18	1,29	4,47	1,32	4,66	1,34
	40,0	3,00	1,04	3,68	1,33	3,89	1,36	3,99	1,37	4,27	1,40	4,47	1,42
	43,0	3,00	1,14	3,58	1,39	3,77	1,41	3,87	1,42	4,16	1,45	4,35	1,47
	46,0	3,00	1,24	3,46	1,44	3,66	1,46	3,75	1,47	4,04	1,50	4,23	1,52
1,5+1,5	22,0	4,22	0,92	4,42	0,94	4,61	0,96	4,71	0,97	5,00	0,99	5,19	1,01
	25,0	4,11	0,95	4,30	0,97	4,49	0,99	4,59	1,00	4,88	1,03	5,07	1,04
	32,0	3,83	1,04	4,03	1,06	4,22	1,07	4,32	1,08	4,61	1,11	4,80	1,13
	35,0	3,72	1,08	3,91	1,09	4,10	1,11	4,20	1,12	4,49	1,15	4,68	1,17
	40,0	3,52	1,15	3,71	1,16	3,91	1,18	4,00	1,19	4,29	1,22	4,49	1,23
	43,0	3,40	1,19	3,60	1,21	3,79	1,22	3,89	1,23	4,18	1,26	4,37	1,28
	46,0	3,29	1,23	3,48	1,25	3,67	1,27	3,77	1,28	4,06	1,31	4,25	1,32
1,5+2,0	22,0	4,22	0,92	4,42	0,94	4,61	0,96	4,71	0,97	5,00	0,99	5,19	1,01
	25,0	4,11	0,95	4,30	0,97	4,49	0,99	4,59	1,00	4,88	1,03	5,07	1,04
	32,0	3,83	1,04	4,03	1,06	4,22	1,07	4,32	1,08	4,61	1,11	4,80	1,13
	35,0	3,72	1,08	3,91	1,09	4,10	1,11	4,20	1,12	4,49	1,15	4,68	1,17
	40,0	3,52	1,15	3,71	1,16	3,91	1,18	4,00	1,19	4,29	1,22	4,49	1,23
	43,0	3,40	1,19	3,60	1,21	3,79	1,22	3,89	1,23	4,18	1,26	4,37	1,28
	46,0	3,29	1,23	3,48	1,25	3,67	1,27	3,77	1,28	4,06	1,31	4,25	1,32

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES NOTE - OPMERKINGEN - примечания - NOTLAR

1 Capacities are based on the following conditions.

(1) Corresponding refrigerant piping length: 7,5m

(2) Level difference: 0m

Die Kapazität basiert auf den folgenden Bedingungen:

(1) Entsprechende Kältemittelrohrlänge: 7,5m

(2) Höhenunterschied: 0m

Οι αποδόσεις βασίζονται στις ακόλουθες συνθήκες:

(1) Αντίστοιχο μήκος σωληνώσεων ψυκτικού: 7,5m

(2) Υψομετρική διαφορά :0m

Las capacidades se basan en las siguientes condiciones.

(1) Longitud de tubería de refrigerante equivalente : 7,5m

(2) Diferencia de nivel: 0m

Les puissances sont basées sur les conditions suivantes.

(1) Longueur de tuyauterie correspondante du réfrigérant : 7,5m

(2) Dénivellement: 0m

Le capacità si basano sulle seguenti condizioni.

(1) Lunghezza equivalente delle tubazioni del refrigerante: 7,5m

(2) Dislivello: 0m

De capaciteit is gebaseerd op de volgende situaties.

(1) Overeenstemmende leidingslengte koelvloeistof: 7,5m

(2) Niveaunderschil: 0m

Данные мощности основаны на следующих условиях.

(1) Соответствующая длина трубы охлаждения: 7,5m

(2) Разность уровней - 0м

Kapasiteler aşağıdaki koşullara bağlıdır

(1) İlgili soğutucu boru uzunluğu: 7,5m

(2) Seviye farkı: 0m

2 The above is the value for connecting with the following indoor units.

1,5; 2,0; 2,5; 3,5 kW class; wall mounted K series.

Der obige Wert gilt für den Anschluss an die folgenden Innengeräte. Klasse 1,5; 2,0; 2,5; 3,5 kW Wandgerät vom Typ K.

Η παραπάνω είναι τιμή για σύνδεση με τις παρακάτω εσωτερικές μονάδες. Κατηγορία 1,5; 2,0; 2,5; 3,5 kW επίτοιχη σειρά K.

El valor anterior es válido para la conexión con las unidades interiores siguientes. Clase 1,5; 2,0; 2,5; 3,5 kW unidad de pared de la serie K.

La valeur ci-avant est la valeur pour la connexion aux unités intérieures suivantes. Série murale E, classe 1,5; 2,0; 2,5; 3,5 kW.

Il valore indicato in alto si riferisce al collegamento delle seguenti unità interne. Classe 1,5; 2,0; 2,5; 3,5 kW reeks K voor wandmontage.

Bovenstaande waarde is de waarde voor verbinding met de volgende binnenunits. Klasse 1,5; 2,0; 2,5; 3,5 kW reeks K voor wandmontage.

Значение выше является значением для подсоединения со следующими внутренними блоками. Класс 1,5; 2,0; 2,5; 3,5 кВт настенный блок серии K.

Yukarıdaki değer aşağıdaki iç ünitelerle bağlantı içindir. 1,5; 2,0; 2,5; 3,5 kW sınıfı; duvar tipi K serisi.

6 Capacity tables

6 - 1 Cooling Capacity Tables

3MXS40K

Cooling (50Hz 230V)

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

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
1.5+2.5	22,0	4,22	0,92	4,42	0,94	4,61	0,96	4,71	0,97	5,00	0,99	5,19	1,01
	25,0	4,11	0,95	4,30	0,97	4,49	0,99	4,59	1,00	4,88	1,03	5,07	1,04
	32,0	3,83	1,04	4,03	1,06	4,22	1,07	4,32	1,08	4,61	1,11	4,80	1,13
	35,0	3,72	1,08	3,91	1,09	4,10	1,11	4,20	1,12	4,49	1,15	4,68	1,17
	40,0	3,52	1,15	3,71	1,16	3,91	1,18	4,00	1,19	4,29	1,22	4,49	1,23
	43,0	3,40	1,19	3,60	1,21	3,79	1,22	3,89	1,23	4,18	1,26	4,37	1,28
	46,0	3,29	1,23	3,48	1,25	3,67	1,27	3,77	1,28	4,06	1,31	4,25	1,32
1.5+3.5	22,0	4,23	0,92	4,43	0,94	4,62	0,96	4,72	0,97	5,01	0,99	5,20	1,01
	25,0	4,12	0,95	4,31	0,97	4,51	0,99	4,60	1,00	4,89	1,03	5,09	1,04
	32,0	3,84	1,04	4,04	1,06	4,23	1,07	4,33	1,08	4,62	1,11	4,81	1,13
	35,0	3,73	1,08	3,92	1,09	4,11	1,11	4,21	1,12	4,50	1,15	4,69	1,17
	40,0	3,53	1,15	3,72	1,16	3,92	1,18	4,01	1,19	4,30	1,22	4,50	1,23
	43,0	3,41	1,19	3,61	1,21	3,80	1,22	3,90	1,23	4,19	1,26	4,38	1,28
	46,0	3,29	1,23	3,49	1,25	3,68	1,27	3,78	1,28	4,07	1,31	4,26	1,32
2.0+2.0	22,0	4,57	0,92	4,78	0,94	4,99	0,96	5,09	0,97	5,40	0,99	5,61	1,01
	25,0	4,44	0,95	4,65	0,97	4,86	0,99	4,96	1,00	5,28	1,03	5,49	1,04
	32,0	4,14	1,04	4,35	1,06	4,56	1,07	4,67	1,08	4,98	1,11	5,19	1,13
	35,0	4,02	1,08	4,23	1,09	4,44	1,11	4,54	1,12	4,85	1,15	5,06	1,17
	40,0	3,81	1,15	4,01	1,16	4,22	1,18	4,33	1,19	4,64	1,22	4,85	1,23
	43,0	3,68	1,19	3,89	1,21	4,10	1,22	4,20	1,23	4,52	1,26	4,72	1,28
	46,0	3,55	1,23	3,76	1,25	3,97	1,27	4,07	1,28	4,39	1,31	4,60	1,32
2.0+2.5	22,0	4,57	0,92	4,78	0,94	4,99	0,96	5,09	0,97	5,40	0,99	5,61	1,01
	25,0	4,44	0,95	4,65	0,97	4,86	0,99	4,96	1,00	5,28	1,03	5,49	1,04
	32,0	4,14	1,04	4,35	1,06	4,56	1,07	4,67	1,08	4,98	1,11	5,19	1,13
	35,0	4,02	1,08	4,23	1,09	4,44	1,11	4,54	1,12	4,85	1,15	5,06	1,17
	40,0	3,81	1,15	4,01	1,16	4,22	1,18	4,33	1,19	4,64	1,22	4,85	1,23
	43,0	3,68	1,19	3,89	1,21	4,10	1,22	4,20	1,23	4,52	1,26	4,72	1,28
	46,0	3,55	1,23	3,76	1,25	3,97	1,27	4,07	1,28	4,39	1,31	4,60	1,32
2.0+3.5	22,0	4,58	0,90	4,79	0,91	5,00	0,93	5,10	0,94	5,42	0,97	5,62	0,98
	25,0	4,45	0,93	4,66	0,95	4,87	0,96	4,97	0,97	5,29	1,00	5,50	1,02
	32,0	4,15	1,01	4,36	1,03	4,57	1,04	4,68	1,05	4,99	1,08	5,20	1,10
	35,0	4,03	1,05	4,24	1,06	4,45	1,08	4,55	1,09	4,86	1,12	5,07	1,13
	40,0	3,81	1,11	4,02	1,13	4,23	1,15	4,34	1,16	4,65	1,18	4,86	1,20
	43,0	3,69	1,16	3,90	1,17	4,11	1,19	4,21	1,20	4,53	1,23	4,74	1,24
	46,0	3,56	1,20	3,77	1,22	3,98	1,24	4,08	1,24	4,40	1,27	4,61	1,29
2.5+2.5	22,0	4,57	0,92	4,78	0,94	4,99	0,96	5,09	0,97	5,40	0,99	5,61	1,01
	25,0	4,44	0,95	4,65	0,97	4,86	0,99	4,96	1,00	5,28	1,03	5,49	1,04
	32,0	4,14	1,04	4,35	1,06	4,56	1,07	4,67	1,08	4,98	1,11	5,19	1,13
	35,0	4,02	1,08	4,23	1,09	4,44	1,11	4,54	1,12	4,85	1,15	5,06	1,17
	40,0	3,81	1,15	4,01	1,16	4,22	1,18	4,33	1,19	4,64	1,22	4,85	1,23
	43,0	3,68	1,19	3,89	1,21	4,10	1,22	4,20	1,23	4,52	1,26	4,72	1,28
	46,0	3,55	1,23	3,76	1,25	3,97	1,27	4,07	1,28	4,39	1,31	4,60	1,32

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6 Capacity tables

6 - 1 Cooling Capacity Tables

3MXS40K

Cooling (50Hz 230V)

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

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	4,57	0,92	4,78	0,94	4,99	0,96	5,09	0,97	5,40	0,99	5,61	1,01
	25,0	4,44	0,95	4,65	0,97	4,86	0,99	4,96	1,00	5,28	1,03	5,49	1,04
	32,0	4,14	1,04	4,35	1,06	4,56	1,07	4,67	1,08	4,98	1,11	5,19	1,13
	35,0	4,02	1,08	4,23	1,09	4,44	1,11	4,54	1,12	4,85	1,15	5,06	1,17
	40,0	3,81	1,15	4,01	1,16	4,22	1,18	4,33	1,19	4,64	1,22	4,85	1,23
	43,0	3,68	1,19	3,89	1,21	4,10	1,22	4,20	1,23	4,52	1,26	4,72	1,28
	46,0	3,55	1,23	3,76	1,25	3,97	1,27	4,07	1,28	4,39	1,31	4,60	1,32
3.5+3.5	22,0	4,61	0,92	4,82	0,94	5,03	0,96	5,13	0,97	5,45	0,99	5,66	1,01
	25,0	4,48	0,95	4,69	0,97	4,90	0,99	5,01	1,00	5,32	1,03	5,53	1,04
	32,0	4,18	1,04	4,39	1,06	4,60	1,07	4,71	1,08	5,02	1,11	5,24	1,13
	35,0	4,05	1,08	4,26	1,09	4,47	1,11	4,58	1,12	4,90	1,15	5,11	1,17
	40,0	3,84	1,15	4,05	1,16	4,26	1,18	4,37	1,19	4,68	1,22	4,89	1,23
	43,0	3,71	1,19	3,92	1,21	4,13	1,22	4,24	1,23	4,56	1,26	4,77	1,28
	46,0	3,58	1,23	3,79	1,25	4,01	1,27	4,11	1,28	4,43	1,31	4,64	1,32
1.5+1.5+1.5	22,0	4,63	0,81	4,84	0,82	5,05	0,84	5,16	0,84	5,47	0,87	5,69	0,88
	25,0	4,50	0,83	4,71	0,85	4,92	0,87	5,03	0,87	5,35	0,90	5,56	0,91
	32,0	4,20	0,91	4,41	0,92	4,62	0,94	4,73	0,95	5,05	0,97	5,26	0,99
	35,0	4,07	0,94	4,28	0,96	4,49	0,97	4,60	0,98	4,92	1,00	5,13	1,02
	40,0	3,86	1,00	4,07	1,02	4,28	1,03	4,39	1,04	4,70	1,06	4,92	1,08
	43,0	3,73	1,04	3,94	1,06	4,15	1,07	4,26	1,08	4,58	1,10	4,79	1,12
	46,0	3,60	1,08	3,81	1,10	4,02	1,11	4,13	1,12	4,45	1,14	4,66	1,16
1.5+1.5+2.0	22,0	4,63	0,81	4,84	0,82	5,05	0,84	5,16	0,84	5,47	0,87	5,69	0,88
	25,0	4,50	0,83	4,71	0,85	4,92	0,87	5,03	0,87	5,35	0,90	5,56	0,91
	32,0	4,20	0,91	4,41	0,92	4,62	0,94	4,73	0,95	5,05	0,97	5,26	0,99
	35,0	4,07	0,94	4,28	0,96	4,49	0,97	4,60	0,98	4,92	1,00	5,13	1,02
	40,0	3,86	1,00	4,07	1,02	4,28	1,03	4,39	1,04	4,70	1,06	4,92	1,08
	43,0	3,73	1,04	3,94	1,06	4,15	1,07	4,26	1,08	4,58	1,10	4,79	1,12
	46,0	3,60	1,08	3,81	1,10	4,02	1,11	4,13	1,12	4,45	1,14	4,66	1,16
1.5+1.5+2.5	22,0	4,63	0,81	4,84	0,82	5,05	0,84	5,16	0,84	5,47	0,87	5,69	0,88
	25,0	4,50	0,83	4,71	0,85	4,92	0,87	5,03	0,87	5,35	0,90	5,56	0,91
	32,0	4,20	0,91	4,41	0,92	4,62	0,94	4,73	0,95	5,05	0,97	5,26	0,99
	35,0	4,07	0,94	4,28	0,96	4,49	0,97	4,60	0,98	4,92	1,00	5,13	1,02
	40,0	3,86	1,00	4,07	1,02	4,28	1,03	4,39	1,04	4,70	1,06	4,92	1,08
	43,0	3,73	1,04	3,94	1,06	4,15	1,07	4,26	1,08	4,58	1,10	4,79	1,12
	46,0	3,60	1,08	3,81	1,10	4,02	1,11	4,13	1,12	4,45	1,14	4,66	1,16
1.5+1.5+3.5	22,0	4,63	0,81	4,84	0,82	5,05	0,84	5,16	0,84	5,47	0,87	5,69	0,88
	25,0	4,50	0,83	4,71	0,85	4,92	0,87	5,03	0,87	5,35	0,90	5,56	0,91
	32,0	4,20	0,91	4,41	0,92	4,62	0,94	4,73	0,95	5,05	0,97	5,26	0,99
	35,0	4,07	0,94	4,28	0,96	4,49	0,97	4,60	0,98	4,92	1,00	5,13	1,02
	40,0	3,86	1,00	4,07	1,02	4,28	1,03	4,39	1,04	4,70	1,06	4,92	1,08
	43,0	3,73	1,04	3,94	1,06	4,15	1,07	4,26	1,08	4,58	1,10	4,79	1,12
	46,0	3,60	1,08	3,81	1,10	4,02	1,11	4,13	1,12	4,45	1,14	4,66	1,16

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES NOTE - OPMERKINGEN - примечания - NOTLAR

1 Capacities are based on the following conditions.

(1) Corresponding refrigerant piping length: 7.5m

(2) Level difference: 0m

Die Kapazität basiert auf den folgenden Bedingungen:

(1) Entsprechende Kältemittelrohrlänge: 7,5m

(2) Höhenunterschied: 0m

Οι αποδόσεις βασίζονται στις ακόλουθες συνθήκες.

(1) Αντίστοιχο μήκος σωληνώσεων ψυκτικού: 7,5m

(2) Υψομετρική διαφορά :0m

Las capacidades se basan en las siguientes condiciones.

(1) Longitud de tubería de refrigerante equivalente : 7,5m

(2) Diferencia de nivel: 0m

Les puissances sont basées sur les conditions suivantes.

(1) Longueur de tuyauterie correspondante du réfrigérant : 7,5m

(2) Dénivellation: 0m

Le capacità si basano sulle seguenti condizioni.

(1) Lunghezza equivalente delle tubazioni del refrigerante: 7,5m

(2) Dislivello: 0m

De capaciteit is gebaseerd op de volgende situaties.

(1) Overeenstemmende leidinglengte koelvloeistof: 7,5m

(2) Niveaunderschil: 0m

Данные мощности основаны на следующих условиях.

(1) Соответствующая длина трубы охлаждения: 7.5m

(2) Разность уровней – 0m

Kapasiteler aşağıdaki koşullara bağlıdır

(1) İlgili soğutucu boru uzunluğu: 7.5m

(2) Seviye farkı: 0m

2 The above is the value for connecting with the following indoor units.

1.5; 2.0; 2.5; 3.5 kW class; wall mounted K series.

Der obige Wert gilt für den Anschluss an die folgenden Innengeräte. Klasse 1,5; 2,0; 2,5; 3,5 kW Wandgerät vom Typ K.

Η παραπάνω είναι τιμή για σύνδεση με τις παρακάτω εσωτερικές μονάδες. Κατηγορία 1,5; 2,0; 2,5; 3,5 kW επίτοιχη σειρά Κ.

El valor anterior es válido para la conexión con las unidades interiores siguientes. Clase 1,5; 2,0; 2,5; 3,5 kW unidad de pared de la serie K.

La valeur ci-avant est la valeur pour la connexion aux unités intérieures suivantes. Série murale E, classe 1,5; 2,0; 2,5; 3,5 kW.

Il valore indicato in alto si riferisce al collegamento delle seguenti unità interne. Classe 1,5; 2,0; 2,5; 3,5 kW serie a parete K.

Bovenstaande waarde is de waarde voor verbinding met de volgende binneneenheden. Klasse 1,5; 2,0; 2,5; 3,5 kW reeks K voor wandmontage.

Значение выше является значением для подключения со следующими внутренними блоками. Класс 1,5; 2,0; 2,5; 3,5 кВт настенный блок серии К.

Yukarıdaki değer aşağıdaki iç ünitelerle bağlantı içindir. 1.5; 2.0; 2.5; 3.5 kW sınıfı; duvar tipi K serisi.

6 Capacity tables

6 - 1 Cooling Capacity Tables

3MXS40K

Cooling (50Hz 230V)

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

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
1.5+2.0+2.0	22.0	4.63	0.81	4.84	0.82	5.05	0.84	5.16	0.84	5.47	0.87	5.69	0.88
	25.0	4.50	0.83	4.71	0.85	4.92	0.87	5.03	0.87	5.35	0.90	5.56	0.91
	32.0	4.20	0.91	4.41	0.92	4.62	0.94	4.73	0.95	5.05	0.97	5.26	0.99
	35.0	4.07	0.94	4.28	0.96	4.49	0.97	4.60	0.98	4.92	1.00	5.13	1.02
	40.0	3.86	1.00	4.07	1.02	4.28	1.03	4.39	1.04	4.70	1.06	4.92	1.08
	43.0	3.73	1.04	3.94	1.06	4.15	1.07	4.26	1.08	4.58	1.10	4.79	1.12
	46.0	3.60	1.08	3.81	1.10	4.02	1.11	4.13	1.12	4.45	1.14	4.66	1.16
1.5+2.0+2.5	22.0	4.63	0.81	4.84	0.82	5.05	0.84	5.16	0.84	5.47	0.87	5.69	0.88
	25.0	4.50	0.83	4.71	0.85	4.92	0.87	5.03	0.87	5.35	0.90	5.56	0.91
	32.0	4.20	0.91	4.41	0.92	4.62	0.94	4.73	0.95	5.05	0.97	5.26	0.99
	35.0	4.07	0.94	4.28	0.96	4.49	0.97	4.60	0.98	4.92	1.00	5.13	1.02
	40.0	3.86	1.00	4.07	1.02	4.28	1.03	4.39	1.04	4.70	1.06	4.92	1.08
	43.0	3.73	1.04	3.94	1.06	4.15	1.07	4.26	1.08	4.58	1.10	4.79	1.12
	46.0	3.60	1.08	3.81	1.10	4.02	1.11	4.13	1.12	4.45	1.14	4.66	1.16
1.5+2.0+3.5	22.0	4.63	0.81	4.84	0.82	5.05	0.84	5.16	0.84	5.47	0.87	5.69	0.88
	25.0	4.50	0.83	4.71	0.85	4.92	0.87	5.03	0.87	5.35	0.90	5.56	0.91
	32.0	4.20	0.91	4.41	0.92	4.62	0.94	4.73	0.95	5.05	0.97	5.26	0.99
	35.0	4.07	0.94	4.28	0.96	4.49	0.97	4.60	0.98	4.92	1.00	5.13	1.02
	40.0	3.86	1.00	4.07	1.02	4.28	1.03	4.39	1.04	4.70	1.06	4.92	1.08
	43.0	3.73	1.04	3.94	1.06	4.15	1.07	4.26	1.08	4.58	1.10	4.79	1.12
	46.0	3.60	1.08	3.81	1.10	4.02	1.11	4.13	1.12	4.45	1.14	4.66	1.16
1.5+2.5+2.5	22.0	4.63	0.81	4.84	0.82	5.05	0.84	5.16	0.84	5.47	0.87	5.69	0.88
	25.0	4.50	0.83	4.71	0.85	4.92	0.87	5.03	0.87	5.35	0.90	5.56	0.91
	32.0	4.20	0.91	4.41	0.92	4.62	0.94	4.73	0.95	5.05	0.97	5.26	0.99
	35.0	4.07	0.94	4.28	0.96	4.49	0.97	4.60	0.98	4.92	1.00	5.13	1.02
	40.0	3.86	1.00	4.07	1.02	4.28	1.03	4.39	1.04	4.70	1.06	4.92	1.08
	43.0	3.73	1.04	3.94	1.06	4.15	1.07	4.26	1.08	4.58	1.10	4.79	1.12
	46.0	3.60	1.08	3.81	1.10	4.02	1.11	4.13	1.12	4.45	1.14	4.66	1.16
2.0+2.0+2.0	22.0	4.63	0.81	4.84	0.82	5.05	0.84	5.16	0.84	5.47	0.87	5.69	0.88
	25.0	4.50	0.83	4.71	0.85	4.92	0.87	5.03	0.87	5.35	0.90	5.56	0.91
	32.0	4.20	0.91	4.41	0.92	4.62	0.94	4.73	0.95	5.05	0.97	5.26	0.99
	35.0	4.07	0.94	4.28	0.96	4.49	0.97	4.60	0.98	4.92	1.00	5.13	1.02
	40.0	3.86	1.00	4.07	1.02	4.28	1.03	4.39	1.04	4.70	1.06	4.92	1.08
	43.0	3.73	1.04	3.94	1.06	4.15	1.07	4.26	1.08	4.58	1.10	4.79	1.12
	46.0	3.60	1.08	3.81	1.10	4.02	1.11	4.13	1.12	4.45	1.14	4.66	1.16
2.0+2.0+2.5	22.0	4.63	0.81	4.84	0.82	5.05	0.84	5.16	0.84	5.47	0.87	5.69	0.88
	25.0	4.50	0.83	4.71	0.85	4.92	0.87	5.03	0.87	5.35	0.90	5.56	0.91
	32.0	4.20	0.91	4.41	0.92	4.62	0.94	4.73	0.95	5.05	0.97	5.26	0.99
	35.0	4.07	0.94	4.28	0.96	4.49	0.97	4.60	0.98	4.92	1.00	5.13	1.02
	40.0	3.86	1.00	4.07	1.02	4.28	1.03	4.39	1.04	4.70	1.06	4.92	1.08
	43.0	3.73	1.04	3.94	1.06	4.15	1.07	4.26	1.08	4.58	1.10	4.79	1.12
	46.0	3.60	1.08	3.81	1.10	4.02	1.11	4.13	1.12	4.45	1.14	4.66	1.16

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6 Capacity tables

6 - 1 Cooling Capacity Tables

3MXS40K

Cooling (50Hz 230V)

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

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
2.0+2.5+2.5	22,0	4,63	0,81	4,84	0,82	5,05	0,84	5,16	0,84	5,47	0,87	5,69	0,88
	25,0	4,50	0,83	4,71	0,85	4,92	0,87	5,03	0,87	5,35	0,90	5,56	0,91
	32,0	4,20	0,91	4,41	0,92	4,62	0,94	4,73	0,95	5,05	0,97	5,26	0,99
	35,0	4,07	0,94	4,28	0,96	4,49	0,97	4,60	0,98	4,92	1,00	5,13	1,02
	40,0	3,86	1,00	4,07	1,02	4,28	1,03	4,39	1,04	4,70	1,06	4,92	1,08
	43,0	3,73	1,04	3,94	1,06	4,15	1,07	4,26	1,08	4,58	1,10	4,79	1,12
	46,0	3,60	1,08	3,81	1,10	4,02	1,11	4,13	1,12	4,45	1,14	4,66	1,16

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES NOTE - OPMERKINGEN - примечания - NOTLAR

1 Capacities are based on the following conditions.

- (1) Corresponding refrigerant piping length: 7.5m
- (2) Level difference: 0m
- Die Kapazität basiert auf den folgenden Bedingungen:
- (1) Entsprechende Kältemittelrohrlänge: 7,5m
- (2) Höhenunterschied: 0m
- Οι αποδόσεις βασίζονται στις ακόλουθες συνθήκες.
- (1) Αντίστοιχο μήκος σωληνώσεων ψυκτικού: 7,5m
- (2) Υψομετρική διαφορά :0m
- Las capacidades se basan en las siguientes condiciones.
- (1) Longitud de tubería de refrigerante equivalente : 7,5m
- (2) Diferencia de nivel: 0m
- Les puissances sont basées sur les conditions suivantes.
- (1) Longueur de tuyauterie correspondante du réfrigérant : 7,5m
- (2) Dénivellement: 0m
- Le capacità si basano sulle seguenti condizioni.
- (1) Lunghezza equivalente delle tubazioni del refrigerante: 7,5m
- (2) Dislivello: 0m
- De capaciteit is gebaseerd op de volgende situaties.
- (1) Overeenstemmende leidinglengte koelvloeistof: 7,5m
- (2) Niveaunderschil: 0m
- Данные мощности основаны на следующих условиях.
- (1) Соответствующая длина трубы охлаждения: 7.5m
- (2) Разность уровней – 0м
- Kapasiteler aşağıdaki koşullara bağlıdır
- (1) İlgili soğutucu boru uzunluğu: 7.5m
- (2) Seviye farkı: 0m

2 The above is the value for connecting with the following indoor units.

- 1.5; 2.0; 2.5; 3.5 kW class; wall mounted K series.
- Der obige Wert gilt für den Anschluss an die folgenden Innengeräte. Klasse 1,5; 2,0; 2,5; 3,5 kW Wandgerät vom Typ K.
- Η παραπάνω είναι τιμή για σύνδεση με τις παρακάτω εσωτερικές μονάδες. Κατηγορία 1,5; 2,0; 2,5; 3,5 kW επίτοιχη σειρά K.
- El valor anterior es válido para la conexión con las unidades interiores siguientes. Clase 1,5; 2,0; 2,5; 3,5 kW unidad de pared de la serie K.
- La valeur ci-avant est la valeur pour la connexion aux unités intérieures suivantes. Série murale E, classe 1,5; 2,0; 2,5; 3,5 kW.
- Il valore indicato in alto si riferisce al collegamento delle seguenti unità interne. Classe 1,5; 2,0; 2,5; 3,5 kW reeks K voor wandmontage.
- Bovenstaande waarde is de waarde voor verbinding met de volgende binnenunits. Klasse 1,5; 2,0; 2,5; 3,5 kW reeks K voor wandmontage.
- Значение выше является значением для подключения со следующими внутренними блоками. Класс 1.5; 2.0; 2.5; 3.5 кВт настенный блок серии K.
- Yukarıdaki değer aşağıdaki iç ünitelerle bağlantı içindir. 1.5; 2.0; 2.5; 3.5 kW sınıfı; duvar tipi K serisi.

6 Capacity tables

6 - 2 Heating Capacity Tables

3MXS40K

Heating (50Hz 230V)

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

Combination (Capacity)	Indoor air temp. (°CDB)	Outdoor air temp. °CWB													
		-15.0°C		-10.0°C		-5.0°C		0°C		6°C		10°C		15°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1,5	16,0	1,46	0,64	1,76	0,67	2,06	0,70	2,36	0,74	2,71	0,78	2,95	0,80	3,25	0,83
	18,0	1,42	0,65	1,72	0,68	2,02	0,71	2,32	0,74	2,68	0,78	2,91	0,81	3,21	0,84
	20,0	1,39	0,65	1,69	0,69	1,98	0,72	2,28	0,75	2,64	0,79	2,88	0,82	3,18	0,85
	21,0	1,37	0,66	1,67	0,69	1,97	0,72	2,26	0,75	2,62	0,79	2,86	0,82	3,16	0,85
	22,0	1,35	0,66	1,65	0,69	1,95	0,73	2,25	0,76	2,60	0,80	2,84	0,82	3,14	0,86
	24,0	1,32	0,67	1,61	0,70	1,91	0,73	2,21	0,77	2,57	0,80	2,81	0,83	3,10	0,86
2,0	16,0	2,08	0,97	2,50	1,02	2,92	1,07	3,35	1,12	3,85	1,18	4,19	1,22	4,62	1,27
	18,0	2,02	0,98	2,45	1,03	2,87	1,08	3,29	1,13	3,80	1,19	4,14	1,23	4,56	1,28
	20,0	1,97	0,99	2,39	1,04	2,82	1,09	3,24	1,14	3,75	1,20	4,09	1,24	4,51	1,29
	21,0	1,95	1,00	2,37	1,05	2,79	1,10	3,22	1,15	3,72	1,21	4,06	1,24	4,49	1,29
	22,0	1,92	1,00	2,34	1,05	2,77	1,10	3,19	1,15	3,70	1,21	4,04	1,25	4,46	1,30
	24,0	1,87	1,01	2,29	1,06	2,71	1,11	3,14	1,16	3,65	1,22	3,99	1,26	4,41	1,31
2,5	16,0	2,21	1,02	2,67	1,07	3,12	1,12	3,57	1,18	4,11	1,24	4,47	1,28	4,92	1,33
	18,0	2,16	1,03	2,61	1,08	3,06	1,13	3,51	1,19	4,06	1,25	4,42	1,29	4,87	1,34
	20,0	2,10	1,04	2,55	1,09	3,01	1,15	3,46	1,20	4,00	1,26	4,36	1,30	4,81	1,35
	21,0	2,08	1,05	2,53	1,10	2,98	1,15	3,43	1,20	3,97	1,27	4,33	1,31	4,79	1,36
	22,0	2,05	1,05	2,50	1,11	2,95	1,16	3,40	1,21	3,94	1,27	4,31	1,31	4,76	1,36
	24,0	1,99	1,06	2,44	1,12	2,90	1,17	3,35	1,22	3,89	1,28	4,25	1,32	4,70	1,38
3,5	16,0	2,67	1,36	3,21	1,43	3,76	1,50	4,30	1,57	4,95	1,65	5,39	1,71	5,93	1,77
	18,0	2,60	1,37	3,14	1,44	3,69	1,51	4,23	1,58	4,89	1,66	5,32	1,72	5,87	1,79
	20,0	2,53	1,39	3,08	1,46	3,62	1,53	4,17	1,60	4,82	1,68	5,26	1,74	5,80	1,80
	21,0	2,50	1,40	3,05	1,47	3,59	1,54	4,13	1,60	4,79	1,69	5,22	1,74	5,77	1,81
	22,0	2,47	1,40	3,01	1,47	3,56	1,54	4,10	1,61	4,75	1,70	5,19	1,75	5,73	1,82
	24,0	2,40	1,42	2,95	1,49	3,49	1,56	4,03	1,63	4,69	1,71	5,12	1,77	5,67	1,83
1,5+1,5	16,0	2,77	1,04	3,33	1,10	3,90	1,15	4,46	1,20	5,14	1,27	5,59	1,31	6,15	1,36
	18,0	2,70	1,06	3,26	1,11	3,83	1,16	4,39	1,21	5,07	1,28	5,52	1,32	6,09	1,37
	20,0	2,63	1,07	3,19	1,12	3,76	1,17	4,32	1,23	5,00	1,29	5,45	1,33	6,02	1,39
	21,0	2,59	1,07	3,16	1,13	3,72	1,18	4,29	1,23	4,97	1,30	5,42	1,34	5,98	1,39
	22,0	2,56	1,08	3,12	1,13	3,69	1,18	4,25	1,24	4,93	1,30	5,38	1,34	5,95	1,40
	24,0	2,49	1,09	3,06	1,14	3,62	1,20	4,18	1,25	4,86	1,31	5,31	1,36	5,88	1,41
1,5+2,0	16,0	2,77	1,04	3,33	1,10	3,90	1,15	4,46	1,20	5,14	1,27	5,59	1,31	6,15	1,36
	18,0	2,70	1,06	3,26	1,11	3,83	1,16	4,39	1,21	5,07	1,28	5,52	1,32	6,09	1,37
	20,0	2,63	1,07	3,19	1,12	3,76	1,17	4,32	1,23	5,00	1,29	5,45	1,33	6,02	1,39
	21,0	2,59	1,07	3,16	1,13	3,72	1,18	4,29	1,23	4,97	1,30	5,42	1,34	5,98	1,39
	22,0	2,56	1,08	3,12	1,13	3,69	1,18	4,25	1,24	4,93	1,30	5,38	1,34	5,95	1,40
	24,0	2,49	1,09	3,06	1,14	3,62	1,20	4,18	1,25	4,86	1,31	5,31	1,36	5,88	1,41

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES NOTE - OPMERKINGEN - примечания - NOTLAR

1 Capacities are based on the following conditions.

(1) Corresponding refrigerant piping length: 7.5m

(2) Level difference: 0m

Die Kapazität basiert auf den folgenden Bedingungen:

(1) Entsprechende Kältemittelrohrlänge: 7,5m

(2) Höhenunterschied: 0m

Οι αποδόσεις βασίζονται στις ακόλουθες συνθήκες.

(1) Αντίστοιχο μήκος σωληνώσεων ψυκτικού: 7,5m

(2) Ύψομετρική διαφορά :0m

Las capacidades se basan en las siguientes condiciones.

(1) Longitud de tubería de refrigerante equivalente : 7,5m

(2) Diferencia de nivel: 0m

Les puissances sont basées sur les conditions suivantes.

(1) Longueur de tuyauterie correspondante du réfrigérant : 7,5m

(2) Dénivellation: 0m

Le capacità si basano sulle seguenti condizioni.

(1) Lunghezza equivalente delle tubazioni del refrigerante: 7,5m

(2) Dislivello: 0m

De capaciteit is gebaseerd op de volgende situaties.

(1) Overeenstemmende leidinglengte koelvloeistof: 7,5m

(2) Niveaunderschil: 0m

Данные мощности основаны на следующих условиях.

(1) Соответствующая длина трубы охлаждения: 7.5м

(2) Разность уровней – 0м

Kapasiteler aşağıdaki koşullara bağlıdır

(1) İlgili soğutucu boru uzunluğu: 7.5m

(2) Seviye farkı: 0m

2 The above is the value for connecting with the following indoor units.

1,5; 2,0; 2,5; 3,5 kW class; wall mounted K series.

Der obige Wert gilt für den Anschluss an die folgenden Innengeräte. Klasse 1,5; 2,0; 2,5;

3,5 kW Wandgerät vom Typ K.

Η παραπάνω είναι τιμή για σύνδεση με τις παρακάτω εσωτερικές μονάδες. Κατηγορία

1,5; 2,0; 2,5; 3,5 kW επίτοιχη σειρά K.

El valor anterior es válido para la conexión con las unidades interiores siguientes. Clase 1,5;

2,0; 2,5; 3,5 kW unidad de pared de la serie K.

La valeur ci-avant est la valeur pour la connexion aux unités intérieures suivantes. Série

murale E, classe 1,5; 2,0; 2,5; 3,5 kW.

Il valore indicato in alto si riferisce al collegamento delle seguenti unità interne. Classe

1,5; 2,0; 2,5; 3,5 kW serie a parete K.

Bovenstaande waarde is de waarde voor verbinding met de volgende binnenunits. Klasse 1,5;

2,0; 2,5; 3,5 kW reeks K voor wandmontage.

Значение выше является значением для подсоединения со следующими внутренними блоками. Класс

1,5; 2,0; 2,5; 3,5 кВт настенный блок серии K.

Yukarıdaki değer aşağıdaki iç ünitelerle bağlantı içindir. 1,5; 2,0; 2,5; 3,5 kW sınıfı; duvar

tipi K serisi.

6 Capacity tables

6 - 2 Heating Capacity Tables

6

3MXS40K

Heating (50Hz 230V)

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

Combination (Capacity)	Indoor air temp. (°CDB)	Outdoor air temp. °CWB													
		-15.0°C		-10.0°C		-5.0°C		0°C		6°C		10°C		15°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.5	16.0	2.77	1.04	3.33	1.10	3.90	1.15	4.46	1.20	5.14	1.27	5.59	1.31	6.15	1.36
	18.0	2.70	1.06	3.26	1.11	3.83	1.16	4.39	1.21	5.07	1.28	5.52	1.32	6.09	1.37
	20.0	2.63	1.07	3.19	1.12	3.76	1.17	4.32	1.23	5.00	1.29	5.45	1.33	6.02	1.39
	21.0	2.59	1.07	3.16	1.13	3.72	1.18	4.29	1.23	4.97	1.30	5.42	1.34	5.98	1.39
	22.0	2.56	1.08	3.12	1.13	3.69	1.18	4.25	1.24	4.93	1.30	5.38	1.34	5.95	1.40
	24.0	2.49	1.09	3.06	1.14	3.62	1.20	4.18	1.25	4.86	1.31	5.31	1.36	5.88	1.41
1.5+3.5	16.0	2.78	1.04	3.34	1.10	3.91	1.15	4.48	1.20	5.16	1.27	5.61	1.31	6.18	1.36
	18.0	2.71	1.06	3.28	1.11	3.84	1.16	4.41	1.21	5.09	1.28	5.54	1.32	6.11	1.37
	20.0	2.64	1.07	3.21	1.12	3.77	1.17	4.34	1.23	5.02	1.29	5.47	1.33	6.04	1.39
	21.0	2.60	1.07	3.17	1.13	3.74	1.18	4.31	1.23	4.99	1.30	5.44	1.34	6.01	1.39
	22.0	2.57	1.08	3.14	1.13	3.70	1.18	4.27	1.24	4.95	1.30	5.40	1.34	5.97	1.40
	24.0	2.50	1.09	3.07	1.14	3.63	1.20	4.20	1.25	4.88	1.31	5.33	1.36	5.90	1.41
2.0+2.0	16.0	2.77	1.04	3.33	1.10	3.90	1.15	4.46	1.20	5.14	1.27	5.59	1.31	6.15	1.36
	18.0	2.70	1.06	3.26	1.11	3.83	1.16	4.39	1.21	5.07	1.28	5.52	1.32	6.09	1.37
	20.0	2.63	1.07	3.19	1.12	3.76	1.17	4.32	1.23	5.00	1.29	5.45	1.33	6.02	1.39
	21.0	2.59	1.07	3.16	1.13	3.72	1.18	4.29	1.23	4.97	1.30	5.42	1.34	5.98	1.39
	22.0	2.56	1.08	3.12	1.13	3.69	1.18	4.25	1.24	4.93	1.30	5.38	1.34	5.95	1.40
	24.0	2.49	1.09	3.06	1.14	3.62	1.20	4.18	1.25	4.86	1.31	5.31	1.36	5.88	1.41
2.0+2.5	16.0	2.77	1.04	3.33	1.10	3.90	1.15	4.46	1.20	5.14	1.27	5.59	1.31	6.15	1.36
	18.0	2.70	1.06	3.26	1.11	3.83	1.16	4.39	1.21	5.07	1.28	5.52	1.32	6.09	1.37
	20.0	2.63	1.07	3.19	1.12	3.76	1.17	4.32	1.23	5.00	1.29	5.45	1.33	6.02	1.39
	21.0	2.59	1.07	3.16	1.13	3.72	1.18	4.29	1.23	4.97	1.30	5.42	1.34	5.98	1.39
	22.0	2.56	1.08	3.12	1.13	3.69	1.18	4.25	1.24	4.93	1.30	5.38	1.34	5.95	1.40
	24.0	2.49	1.09	3.06	1.14	3.62	1.20	4.18	1.25	4.86	1.31	5.31	1.36	5.88	1.41
2.0+3.5	16.0	2.78	1.04	3.34	1.10	3.91	1.15	4.48	1.20	5.16	1.27	5.61	1.31	6.18	1.36
	18.0	2.71	1.06	3.28	1.11	3.84	1.16	4.41	1.21	5.09	1.28	5.54	1.32	6.11	1.37
	20.0	2.64	1.07	3.21	1.12	3.77	1.17	4.34	1.23	5.02	1.29	5.47	1.33	6.04	1.39
	21.0	2.60	1.07	3.17	1.13	3.74	1.18	4.31	1.23	4.99	1.30	5.44	1.34	6.01	1.39
	22.0	2.57	1.08	3.14	1.13	3.70	1.18	4.27	1.24	4.95	1.30	5.40	1.34	5.97	1.40
	24.0	2.50	1.09	3.07	1.14	3.63	1.20	4.20	1.25	4.88	1.31	5.33	1.36	5.90	1.41
2.5+2.5	16.0	2.77	1.04	3.33	1.10	3.90	1.15	4.46	1.20	5.14	1.27	5.59	1.31	6.15	1.36
	18.0	2.70	1.06	3.26	1.11	3.83	1.16	4.39	1.21	5.07	1.28	5.52	1.32	6.09	1.37
	20.0	2.63	1.07	3.19	1.12	3.76	1.17	4.32	1.23	5.00	1.29	5.45	1.33	6.02	1.39
	21.0	2.59	1.07	3.16	1.13	3.72	1.18	4.29	1.23	4.97	1.30	5.42	1.34	5.98	1.39
	22.0	2.56	1.08	3.12	1.13	3.69	1.18	4.25	1.24	4.93	1.30	5.38	1.34	5.95	1.40
	24.0	2.49	1.09	3.06	1.14	3.62	1.20	4.18	1.25	4.86	1.31	5.31	1.36	5.88	1.41

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6 Capacity tables

6 - 2 Heating Capacity Tables

3MXS40K Heating (50Hz 230V)

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

Combination (Capacity)	Indoor air temp. (°CDB)	Outdoor air temp. °CWB													
		-15.0°C		-10.0°C		-5.0°C		0°C		6°C		10°C		15°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
2.5+3.5	16,0	2,78	1,04	3,34	1,10	3,91	1,15	4,48	1,20	5,16	1,27	5,61	1,31	6,18	1,36
	18,0	2,71	1,06	3,28	1,11	3,84	1,16	4,41	1,21	5,09	1,28	5,54	1,32	6,11	1,37
	20,0	2,64	1,07	3,21	1,12	3,77	1,17	4,34	1,23	5,02	1,29	5,47	1,33	6,04	1,39
	21,0	2,60	1,07	3,17	1,13	3,74	1,18	4,31	1,23	4,99	1,30	5,44	1,34	6,01	1,39
	22,0	2,57	1,08	3,14	1,13	3,70	1,18	4,27	1,24	4,95	1,30	5,40	1,34	5,97	1,40
	24,0	2,50	1,09	3,07	1,14	3,63	1,20	4,20	1,25	4,88	1,31	5,33	1,36	5,90	1,41
3.5+3.5	16,0	2,79	1,04	3,36	1,09	3,93	1,14	4,50	1,19	5,18	1,26	5,63	1,30	6,20	1,35
	18,0	2,72	1,05	3,29	1,10	3,86	1,15	4,43	1,21	5,11	1,27	5,56	1,31	6,13	1,36
	20,0	2,65	1,06	3,22	1,11	3,79	1,16	4,36	1,22	5,04	1,28	5,50	1,32	6,06	1,37
	21,0	2,61	1,06	3,18	1,12	3,75	1,17	4,32	1,22	5,01	1,29	5,46	1,33	6,03	1,38
	22,0	2,58	1,07	3,15	1,12	3,72	1,18	4,29	1,23	4,97	1,29	5,43	1,33	5,99	1,39
	24,0	2,51	1,08	3,08	1,13	3,65	1,19	4,22	1,24	4,90	1,30	5,36	1,35	5,93	1,40
1.5+1.5+1.5	16,0	2,77	0,83	3,33	0,87	3,90	0,91	4,46	0,95	5,14	1,00	5,59	1,04	6,15	1,08
	18,0	2,70	0,83	3,26	0,88	3,83	0,92	4,39	0,96	5,07	1,01	5,52	1,04	6,09	1,09
	20,0	2,63	0,84	3,19	0,89	3,76	0,93	4,32	0,97	5,00	1,02	5,45	1,05	6,02	1,10
	21,0	2,59	0,85	3,16	0,89	3,72	0,93	4,29	0,97	4,97	1,02	5,42	1,06	5,98	1,10
	22,0	2,56	0,85	3,12	0,89	3,69	0,94	4,25	0,98	4,93	1,03	5,38	1,06	5,95	1,10
	24,0	2,49	0,86	3,06	0,90	3,62	0,95	4,18	0,99	4,86	1,04	5,31	1,07	5,88	1,11
1.5+1.5+2.0	16,0	2,81	0,83	3,38	0,87	3,95	0,91	4,52	0,95	5,21	1,00	5,67	1,04	6,24	1,08
	18,0	2,74	0,83	3,31	0,88	3,88	0,92	4,45	0,96	5,14	1,01	5,60	1,04	6,17	1,09
	20,0	2,67	0,84	3,24	0,89	3,81	0,93	4,38	0,97	5,07	1,02	5,53	1,05	6,10	1,10
	21,0	2,63	0,85	3,20	0,89	3,78	0,93	4,35	0,97	5,03	1,02	5,49	1,06	6,07	1,10
	22,0	2,60	0,85	3,17	0,89	3,74	0,94	4,31	0,98	5,00	1,03	5,46	1,06	6,03	1,10
	24,0	2,53	0,86	3,10	0,90	3,67	0,95	4,24	0,99	4,93	1,04	5,39	1,07	5,96	1,11
1.5+1.5+2.5	16,0	2,81	0,83	3,38	0,87	3,95	0,91	4,52	0,95	5,21	1,00	5,67	1,04	6,24	1,08
	18,0	2,74	0,83	3,31	0,88	3,88	0,92	4,45	0,96	5,14	1,01	5,60	1,04	6,17	1,09
	20,0	2,67	0,84	3,24	0,89	3,81	0,93	4,38	0,97	5,07	1,02	5,53	1,05	6,10	1,10
	21,0	2,63	0,85	3,20	0,89	3,78	0,93	4,35	0,97	5,03	1,02	5,49	1,06	6,07	1,10
	22,0	2,60	0,85	3,17	0,89	3,74	0,94	4,31	0,98	5,00	1,03	5,46	1,06	6,03	1,10
	24,0	2,53	0,86	3,10	0,90	3,67	0,95	4,24	0,99	4,93	1,04	5,39	1,07	5,96	1,11
1.5+1.5+3.5	16,0	2,82	0,82	3,39	0,86	3,97	0,90	4,54	0,94	5,23	0,99	5,69	1,03	6,27	1,07
	18,0	2,75	0,83	3,32	0,87	3,90	0,91	4,47	0,95	5,16	1,00	5,62	1,03	6,19	1,08
	20,0	2,68	0,84	3,25	0,88	3,83	0,92	4,40	0,96	5,09	1,01	5,55	1,04	6,12	1,08
	21,0	2,64	0,84	3,22	0,88	3,79	0,92	4,37	0,96	5,05	1,01	5,51	1,05	6,09	1,09
	22,0	2,61	0,84	3,18	0,89	3,76	0,93	4,33	0,97	5,02	1,02	5,48	1,05	6,05	1,09
	24,0	2,54	0,85	3,11	0,90	3,68	0,94	4,26	0,98	4,95	1,03	5,41	1,06	5,98	1,10

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES NOTE - OPMERKINGEN - примечания - NOTLAR

1 Capacities are based on the following conditions.

- (1) Corresponding refrigerant piping length: 7.5m
- (2) Level difference: 0m
- Die Kapazität basiert auf den folgenden Bedingungen:
- (1) Entsprechende Kältemittelrohrlänge: 7,5m
- (2) Höhenunterschied: 0m
- Οι αποδόσεις βασίζονται στις ακόλουθες συνθήκες.
- (1) Αντίστοιχο μήκος σωληνώσεων ψυκτικού: 7,5m
- (2) Υψομετρική διαφορά : 0m
- Las capacidades se basan en las siguientes condiciones.
- (1) Longitud de tubería de refrigerante equivalente : 7,5m
- (2) Diferencia de nivel: 0m
- Les puissances sont basées sur les conditions suivantes.
- (1) Longueur de tuyauterie correspondante du réfrigérant : 7,5m
- (2) Dénivellation: 0m
- Le capacità si basano sulle seguenti condizioni.
- (1) Lunghezza equivalente delle tubazioni del refrigerante: 7,5m
- (2) Dislivello: 0m
- De capaciteit is gebaseerd op de volgende situaties.
- (1) Overeenstemmende leidinglengte koelvloeistof: 7,5m
- (2) Niveaunderschil: 0m
- Данные мощности основаны на следующих условиях.
- (1) Соответствующая длина трубы охлаждения: 7.5м
- (2) Разность уровней - 0м
- Kapasiteler aşağıdaki koşullara bağlıdır
- (1) Ilgili soğutucu boru uzunluğu: 7.5m
- (2) Seviye farkı: 0m

2 The above is the value for connecting with the following indoor units.

- 1.5; 2.0; 2.5; 3.5 kW class; wall mounted K series.
- Der obige Wert gilt für den Anschluss an die folgenden Innengeräte. Klasse 1,5; 2,0; 2,5; 3,5 kW Wandgerät vom Typ K.
- Η παραπάνω είναι τιμή για σύνδεση με τις παρακάτω εσωτερικές μονάδες. Κατηγορία 1,5; 2,0; 2,5; 3,5 kW επίτοιχη σειρά K.
- El valor anterior es válido para la conexión con las unidades interiores siguientes. Clase 1,5; 2,0; 2,5; 3,5 kW unidad de pared de la serie K.
- La valeur ci-avant est la valeur pour la connexion aux unités intérieures suivantes. Série murale E, classe 1,5; 2,0; 2,5; 3,5 kW.
- Il valore indicato in alto si riferisce al collegamento delle seguenti unità interne. Classe 1,5; 2,0; 2,5; 3,5 kW serie a parete K.
- Bovenstaande waarde is de waarde voor verbinding met de volgende binnenunits. Klasse 1,5; 2,0; 2,5; 3,5 kW reeks K voor wandmontage.
- Значение выше является значением для подсоединения со следующими внутренними блоками. Класс 1,5; 2,0; 2,5; 3,5 кВт настенный блок серии K.
- Yukardaki değer aşağıdaki iç ünitelerle bağlantı içindir. 1.5; 2.0; 2.5; 3.5 kW sınıfı; duvar tipi K serisi.

6 Capacity tables

6 - 2 Heating Capacity Tables

3MXS40K

Heating (50Hz 230V)

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

Combination (Capacity)	Indoor air temp. (°CDB)	Outdoor air temp. °CWB													
		-15.0°C		-10.0°C		-5.0°C		0°C		6°C		10°C		15°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.0	16.0	2.81	0.83	3.38	0.87	3.95	0.91	4.52	0.95	5.21	1.00	5.67	1.04	6.24	1.08
	18.0	2.74	0.83	3.31	0.88	3.88	0.92	4.45	0.96	5.14	1.01	5.60	1.04	6.17	1.09
	20.0	2.67	0.84	3.24	0.89	3.81	0.93	4.38	0.97	5.07	1.02	5.53	1.05	6.10	1.10
	21.0	2.63	0.85	3.20	0.89	3.78	0.93	4.35	0.97	5.03	1.02	5.49	1.06	6.07	1.10
	22.0	2.60	0.85	3.17	0.89	3.74	0.94	4.31	0.98	5.00	1.03	5.46	1.06	6.03	1.10
	24.0	2.53	0.86	3.10	0.90	3.67	0.95	4.24	0.99	4.93	1.04	5.39	1.07	5.96	1.11
1.5+2.0+2.5	16.0	2.81	0.83	3.38	0.87	3.95	0.91	4.52	0.95	5.21	1.00	5.67	1.04	6.24	1.08
	18.0	2.74	0.83	3.31	0.88	3.88	0.92	4.45	0.96	5.14	1.01	5.60	1.04	6.17	1.09
	20.0	2.67	0.84	3.24	0.89	3.81	0.93	4.38	0.97	5.07	1.02	5.53	1.05	6.10	1.10
	21.0	2.63	0.85	3.20	0.89	3.78	0.93	4.35	0.97	5.03	1.02	5.49	1.06	6.07	1.10
	22.0	2.60	0.85	3.17	0.89	3.74	0.94	4.31	0.98	5.00	1.03	5.46	1.06	6.03	1.10
	24.0	2.53	0.86	3.10	0.90	3.67	0.95	4.24	0.99	4.93	1.04	5.39	1.07	5.96	1.11
1.5+2.0+3.5	16.0	2.82	0.82	3.39	0.86	3.97	0.90	4.54	0.94	5.23	0.99	5.69	1.03	6.27	1.07
	18.0	2.75	0.83	3.32	0.87	3.90	0.91	4.47	0.95	5.16	1.00	5.62	1.03	6.19	1.08
	20.0	2.68	0.84	3.25	0.88	3.83	0.92	4.40	0.96	5.09	1.01	5.55	1.04	6.12	1.08
	21.0	2.64	0.84	3.22	0.88	3.79	0.92	4.37	0.96	5.05	1.01	5.51	1.05	6.09	1.09
	22.0	2.61	0.84	3.18	0.89	3.76	0.93	4.33	0.97	5.02	1.02	5.48	1.05	6.05	1.09
	24.0	2.54	0.85	3.11	0.90	3.68	0.94	4.26	0.98	4.95	1.03	5.41	1.06	5.98	1.10
1.5+2.5+2.5	16.0	2.81	0.83	3.38	0.87	3.95	0.91	4.52	0.95	5.21	1.00	5.67	1.04	6.24	1.08
	18.0	2.74	0.83	3.31	0.88	3.88	0.92	4.45	0.96	5.14	1.01	5.60	1.04	6.17	1.09
	20.0	2.67	0.84	3.24	0.89	3.81	0.93	4.38	0.97	5.07	1.02	5.53	1.05	6.10	1.10
	21.0	2.63	0.85	3.20	0.89	3.78	0.93	4.35	0.97	5.03	1.02	5.49	1.06	6.07	1.10
	22.0	2.60	0.85	3.17	0.89	3.74	0.94	4.31	0.98	5.00	1.03	5.46	1.06	6.03	1.10
	24.0	2.53	0.86	3.10	0.90	3.67	0.95	4.24	0.99	4.93	1.04	5.39	1.07	5.96	1.11
2.0+2.0+2.0	16.0	2.81	0.83	3.38	0.87	3.95	0.91	4.52	0.95	5.21	1.00	5.67	1.04	6.24	1.08
	18.0	2.74	0.83	3.31	0.88	3.88	0.92	4.45	0.96	5.14	1.01	5.60	1.04	6.17	1.09
	20.0	2.67	0.84	3.24	0.89	3.81	0.93	4.38	0.97	5.07	1.02	5.53	1.05	6.10	1.10
	21.0	2.63	0.85	3.20	0.89	3.78	0.93	4.35	0.97	5.03	1.02	5.49	1.06	6.07	1.10
	22.0	2.60	0.85	3.17	0.89	3.74	0.94	4.31	0.98	5.00	1.03	5.46	1.06	6.03	1.10
	24.0	2.53	0.86	3.10	0.90	3.67	0.95	4.24	0.99	4.93	1.04	5.39	1.07	5.96	1.11
2.0+2.0+2.5	16.0	2.81	0.83	3.38	0.87	3.95	0.91	4.52	0.95	5.21	1.00	5.67	1.04	6.24	1.08
	18.0	2.74	0.83	3.31	0.88	3.88	0.92	4.45	0.96	5.14	1.01	5.60	1.04	6.17	1.09
	20.0	2.67	0.84	3.24	0.89	3.81	0.93	4.38	0.97	5.07	1.02	5.53	1.05	6.10	1.10
	21.0	2.63	0.85	3.20	0.89	3.78	0.93	4.35	0.97	5.03	1.02	5.49	1.06	6.07	1.10
	22.0	2.60	0.85	3.17	0.89	3.74	0.94	4.31	0.98	5.00	1.03	5.46	1.06	6.03	1.10
	24.0	2.53	0.86	3.10	0.90	3.67	0.95	4.24	0.99	4.93	1.04	5.39	1.07	5.96	1.11

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6 Capacity tables

6 - 2 Heating Capacity Tables

3MXS40K

Heating (50Hz 230V)

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

Combination (Capacity)	Indoor air temp. (°CDB)	Outdoor air temp. °CWB													
		-15.0°C		-10.0°C		-5.0°C		0°C		6°C		10°C		15°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
2.0+2.5+2.5	16,0	2,81	0,83	3,38	0,87	3,95	0,91	4,52	0,95	5,21	1,00	5,67	1,04	6,24	1,08
	18,0	2,74	0,83	3,31	0,88	3,88	0,92	4,45	0,96	5,14	1,01	5,60	1,04	6,17	1,09
	20,0	2,67	0,84	3,24	0,89	3,81	0,93	4,38	0,97	5,07	1,02	5,53	1,05	6,10	1,10
	21,0	2,63	0,85	3,20	0,89	3,78	0,93	4,35	0,97	5,03	1,02	5,49	1,06	6,07	1,10
	22,0	2,60	0,85	3,17	0,89	3,74	0,94	4,31	0,98	5,00	1,03	5,46	1,06	6,03	1,10
	24,0	2,53	0,86	3,10	0,90	3,67	0,95	4,24	0,99	4,93	1,04	5,39	1,07	5,96	1,11

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6

NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES NOTE - OPMERKINGEN - примечания - NOTLAR

1 Capacities are based on the following conditions.

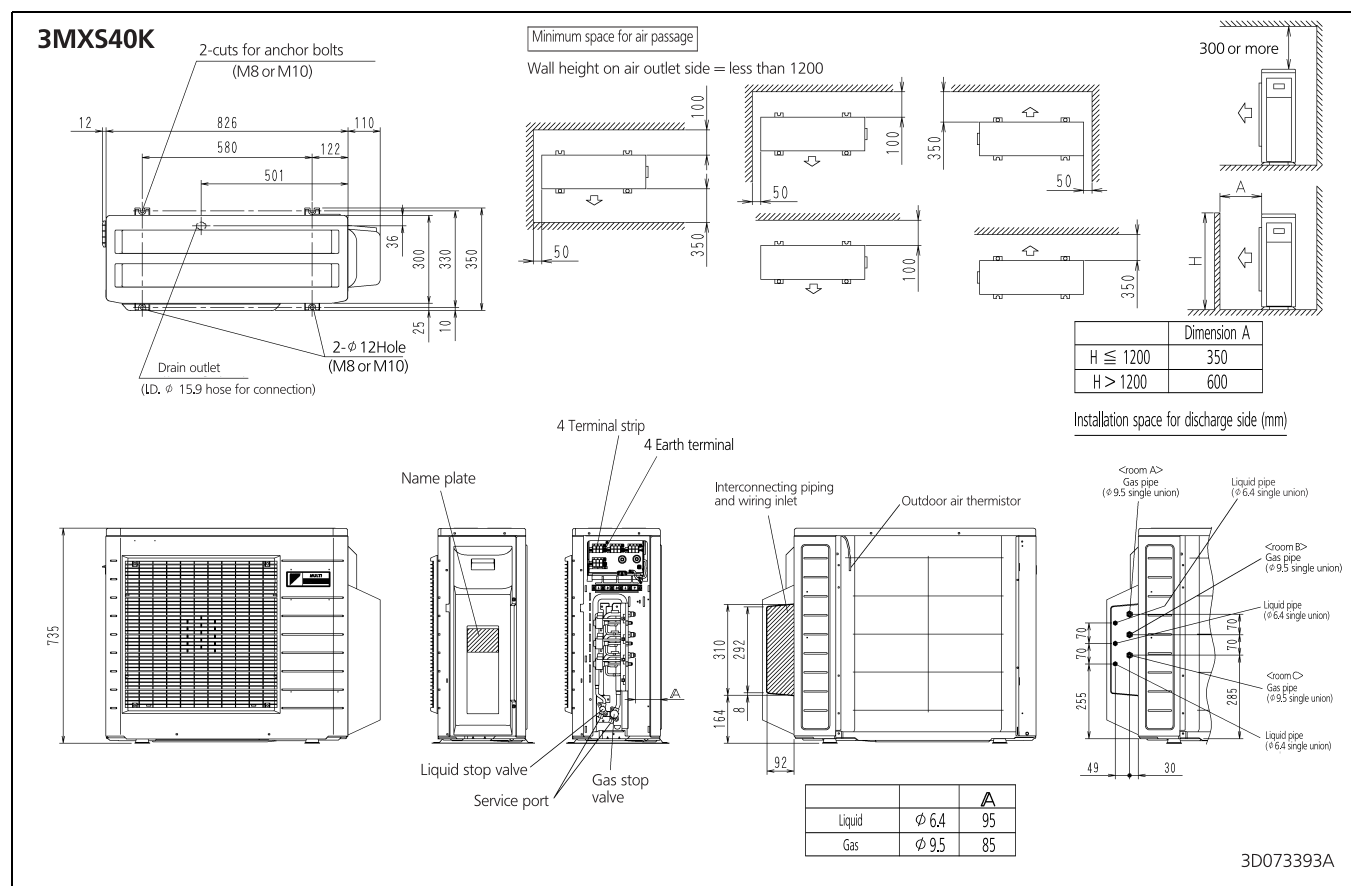
- (1) Corresponding refrigerant piping length: 7.5m
- (2) Level difference: 0m
- Die Kapazität basiert auf den folgenden Bedingungen:
- (1) Entsprechende Kältemittelrohrlänge: 7,5m
- (2) Höhenunterschied: 0m
- Οι αποδόσεις βασίζονται στις ακόλουθες συνθήκες.
- (1) Αντίστοιχο μήκος σωληνώσεων ψυκτικού: 7,5m
- (2) Υψομετρική διαφορά: 0m
- Las capacidades se basan en las siguientes condiciones.
- (1) Longitud de tubería de refrigerante equivalente: 7,5m
- (2) Diferencia de nivel: 0m
- Les puissances sont basées sur les conditions suivantes.
- (1) Longueur de tuyauterie correspondante du réfrigérant: 7,5m
- (2) Dénivellation: 0m
- Le capacità si basano sulle seguenti condizioni.
- (1) Lunghezza equivalente delle tubazioni del refrigerante: 7,5m
- (2) Dislivello: 0m
- De capaciteit is gebaseerd op de volgende situaties.
- (1) Overeenstemmende leidinglengte koelvloeistof: 7,5m
- (2) Niveaunderschil: 0m
- Данные мощности основаны на следующих условиях.
- (1) Соответствующая длина трубы охлаждения: 7.5м
- (2) Разность уровней – 0м
- Kapasiteler aşağıdaki koşullara bağlıdır
- (1) Ilgili soğutucu boru uzunluğu: 7.5m
- (2) Seviye farkı: 0m

2 The above is the value for connecting with the following indoor units.

- 1.5; 2.0; 2.5; 3.5 kW class; wall mounted K series.
- Der obige Wert gilt für den Anschluss an die folgenden Innengeräte. Klasse 1,5; 2,0; 2,5; 3,5 kW Wandgerät vom Typ K.
- Η παραπάνω είναι τιμή για σύνδεση με τις παρακάτω εσωτερικές μονάδες. Κατηγορία 1,5; 2,0; 2,5; 3,5 kW επίτοιχη σειρά K.
- El valor anterior es válido para la conexión con las unidades interiores siguientes. Clase 1,5; 2,0; 2,5; 3,5 kW unidad de pared de la serie K.
- La valeur ci-avant est la valeur pour la connexion aux unités intérieures suivantes. Série murale E, classe 1,5; 2,0; 2,5; 3,5 kW.
- Il valore indicato in alto si riferisce al collegamento delle seguenti unità interne. Classe 1,5; 2,0; 2,5; 3,5 kW serie a parete K.
- Bovenstaande waarde is de waarde voor verbinding met de volgende binnenunits. Klasse 1,5; 2,0; 2,5; 3,5 kW reeks K voor wandmontage.
- Значение выше является значением для подключения со следующими внутренними блоками. Класс 1,5; 2,0; 2,5; 3,5 кВт настенный блок серии K.
- Yukarıdaki değer aşağıdaki iç ünitelerle bağlantı içindir. 1.5; 2.0; 2.5; 3.5 kW sınıfı; duvar tipi K serisi.

7 Dimensional drawings

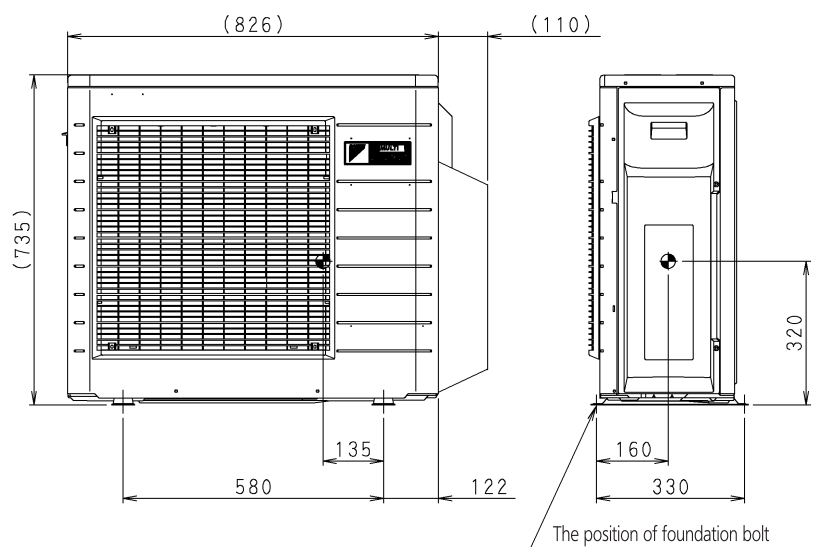
7 - 1 Dimensional Drawings



8 Centre of gravity

8 - 1 Centre of Gravity

3MXS40K

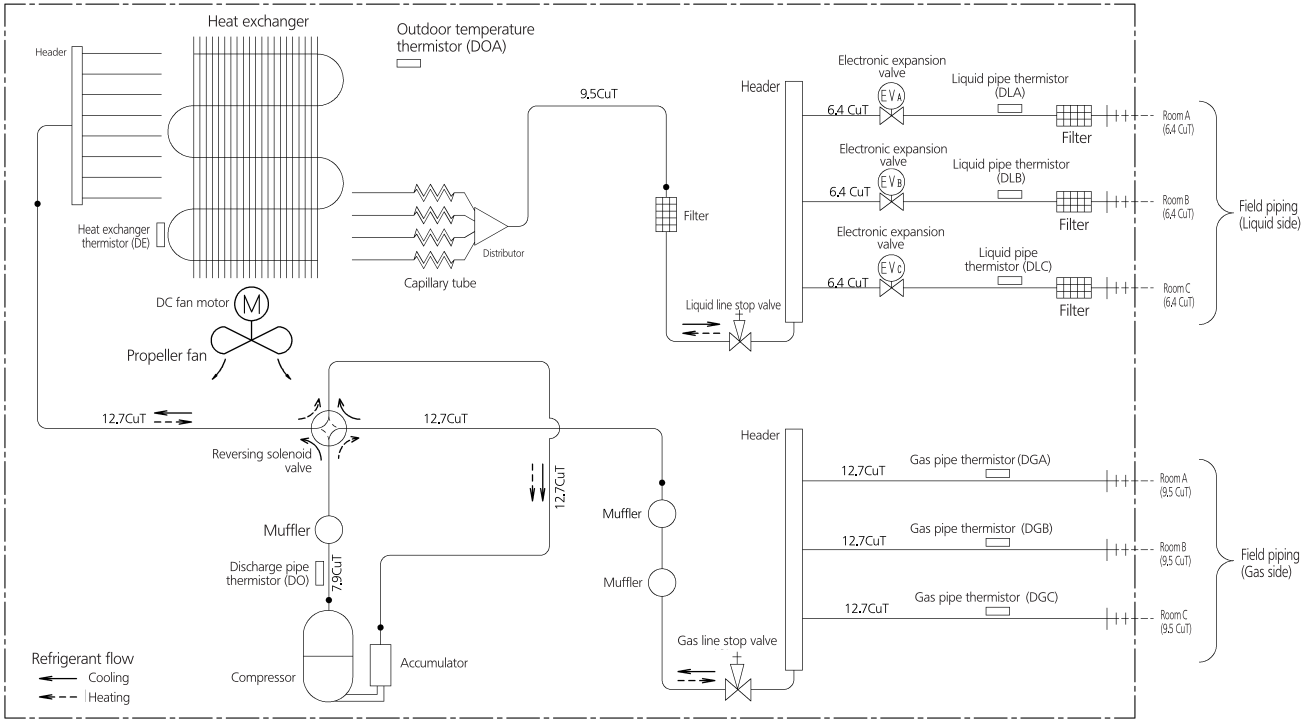


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9 Piping diagrams

9 - 1 Piping Diagrams

3MXS40K

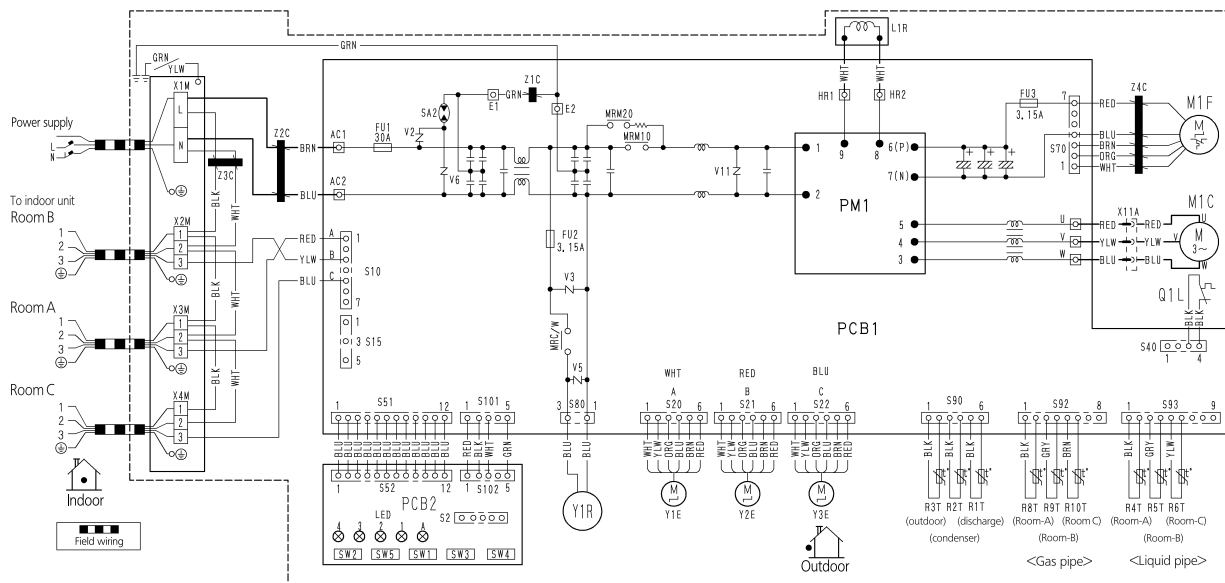


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10 Wiring diagrams

10 - 1 Wiring Diagrams - Single Phase

3MXS40K



Z1C~Z4C : Ferrite core
 X1M~X4M : Terminal strip
 Y1E~Y3E : Electronic expansion valve coil
 V2,V3,V5,V6,V11 : Varistor
 SA2 : Surge arrester
 FU1,FU2,FU3 : Fuse
 AC1,AC2 : U,V,W,X11A
 E1,E2 : Connector
 HR1,HR2 : Connector
 MRM10, MRM20 : Magnetic relay
 R1T~R6T : Thermistor
 R8T~R10T : Thermistor

S2~S102 : Connector
 LED1~LED4 : Pilot lamp
 L : Live
 N : Neutral
 SW1 : Forced operation on/off SW (SW1)
 SW2 : Select SW (SW2)
 SW3 : Wiring error check SW (SW3)
 SW4 : Priority room setting SW (SW4)
 SW5 : Night quiet mode setting SW (SW5)
 M1C : Compressor motor
 M1F : Fan motor
 L1R : Reactor
 Q1L : Overload protector

PM1 : Power module
 PCB1,2 : Printed circuit board
 Y1R : Reversing solenoid valve coil
 Sheet metal : Terminal strip fixed plate

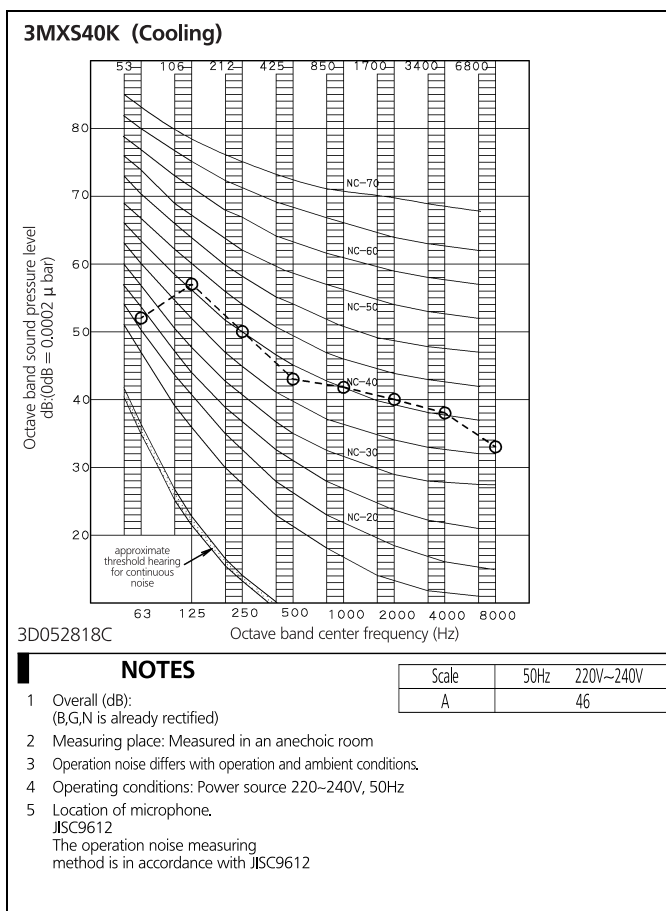
Notes:
 1. Refer to purchasing specification AS303002, unless otherwise specified.
 2. This drawing was drawn on CAD system.

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11 Sound data

11 - 1 Sound Pressure Spectrum - Cooling

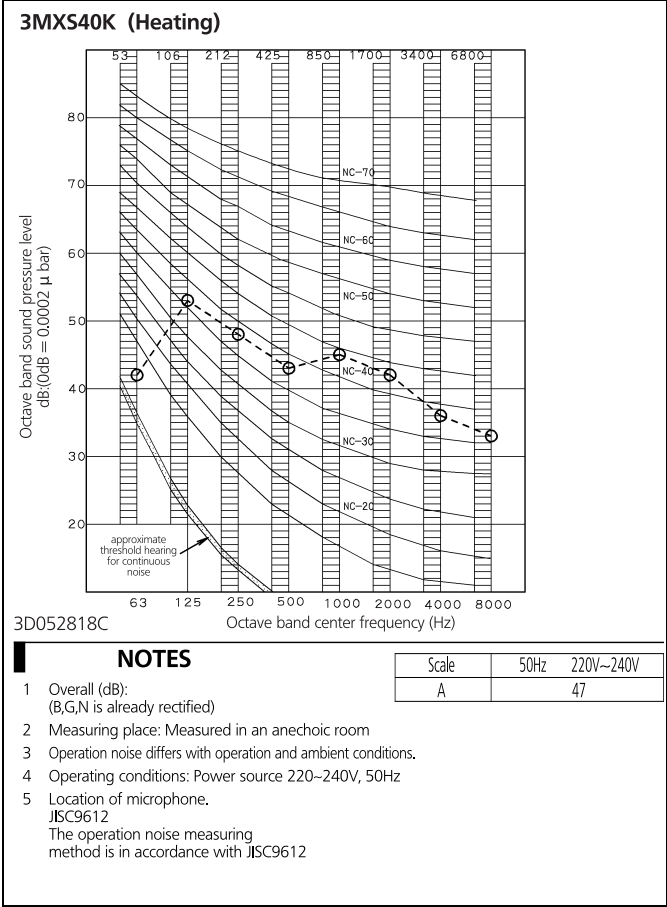
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11

Sound data

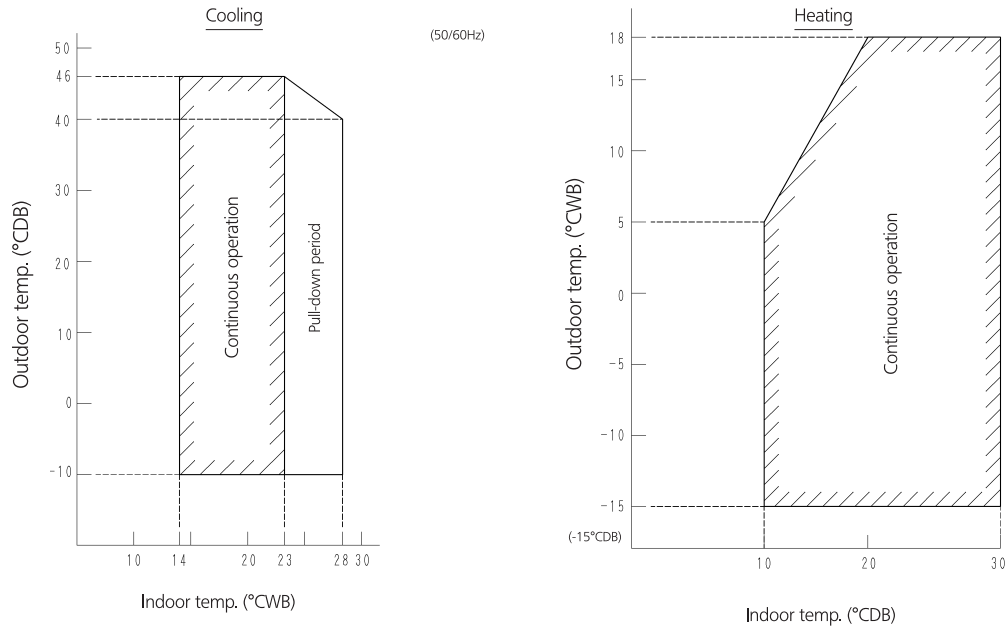
11 - 2 Sound Pressure Spectrum - Heating



12 Operation range

12 - 1 Operation Range

3MXS40K



Notes:

The graphs are based on the following conditions:

- Equivalent piping length 7.5 m
- Level difference 0 m
- Air flow rate high

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