



Air Conditioning Technical Data

Multi model application



EEDEN15-100

MXS-E

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MXS-E

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1 Features

- Outdoor units for multi model application.
- Up to 5 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; they operate simultaneously within the same cooling or heating mode
- Different types of indoor units can be connected: e.g. wall mounted, ceiling mounted cassette corner, concealed ceiling unit
- Night quiet mode automatically reduces the operation sound of the outdoor unit by 3dBA during nighttime (multi outdoor units in cooling mode only)
- The use of inverter type outdoor units results in an air conditioning system with a high energy efficiency and very low sound level
- 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



Night quiet mode

2 Specifications

2-1 Technical Specifications				3MXS52E	4MXS80E	5MXS90E	
Capacity control	Method			Inverter controlled			
Casing	Colour			Ivory white			
Dimensions	Unit	Height	mm	735	770		
		Width	mm	936	900		
		Depth	mm	300	320		
	Packed unit	Height	mm	797	900		
		Width	mm	992	925		
		Depth	mm	390			
Weight	Unit		kg	49	72	73	
	Packed unit		kg	56	80		
Heat exchanger	Length		mm	845	879		
	Rows	Quantity		2			
	Fin pitch		mm	1.8	1.40		
	Stages	Quantity		32	34		
	Tube type			ø7.94 grooved tubes 24	ø8 Hi-XA		
	Fin	Type		Colgate fin	WF fin		
		Treatment		Anti-corrosion treatment	-		
	Compressor	Model			2YC36BXD	2YC63BXD#C	
Type			Hermetically sealed swing compressor				
Output		W	1,100	1,920			
Fan	Type			Propeller fan			
	Air flow rate	Cooling	High	m ³ /min	45	54.5	57.1
				cfm	1,589	1,924	2,016
			Nom.	m ³ /min	45	-	54.5
				cfm	1,589	-	1,924
			Low	m ³ /min	45	46.0	
				cfm	1,589	1,624	
		Super low	m ³ /min	-			
			cfm	-			
		Heating	High	m ³ /min	45	46.0	52.5
				cfm	1,589	1,624	1,854
			Low	m ³ /min	41	14.7	
				cfm	1,448	519	
	Super low		m ³ /min	-			
			cfm	-			
	Running current	Cooling	Low	A	0.29	0.69	
			Standard	A	-		
			High	A	0.33	0.97	1.02
		Heating	Low	A	0.29	0.05	
			High	A	0.33	0.69	0.90
Super low			A	-			
Power consumption	Cooling	Low	W	34	55		
		Standard	W	-			
		High	W	43	86	95	
	Heating	Low	W	34	9		
		High	W	43	55	78	
		Super low	W	-			
Fan motor	Model			KFD-380-50-8C	KFD-280-66-8A		
	Output		W	53	66.00		
	Speed	Cooling	High	rpm	720	860	900
			Nom.	rpm	-		
			Low	rpm	660	730	
		Heating	Super low	rpm	-		
			High	rpm	720	730	830
			Low	rpm	660	250	
Super low	rpm	-					

2 Specifications

2

2-1 Technical Specifications				3MXS52E	4MXS80E	5MXS90E
Sound power level	Cooling		dBA	59	62	66
	Heating		dBA	60	-	
Sound pressure level	Cooling	Nom.	dBA	46	48	52
	Heating	Nom.	dBA	47	49	52
Operation range	Cooling	Ambien t	Min.	°CDB		
			Max.	-10		
	Heating	Ambien t	Min.	°CWB		
			Max.	18		
Refrigerant	Type			R-410A		
	Charge		kg	2.0	2.99	
			TCO ₂ eq	4.2	6.2	
GWP			2,087.5			
Refrigerant oil	Type			FVC50K		
	Charged volume		l	0.65	0.75	
Piping connections	Liquid	Quantity		3	4	5
		OD	mm	6.35		
	Gas	Quantity		2	1	2
		OD	mm	9.52		
	Drain	ID	mm	-		
		OD	mm	16 (inner diameter of connecting hose)	25	
	Gas 2	Quantity		1		
		OD	mm	12.7		
	Gas 3	Quantity		-	2	
		OD	mm	-	15.9	
	Piping length	OU - IU	Max.	m	25	
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 30m)	
	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	50	70

Standard Accessories : Installation manual; Quantity : 1;

Standard Accessories : Drain plug; Quantity : 1;

Standard Accessories : Reducer assembly; Quantity : 1;

Standard Accessories : Air direction adjustment plate; Quantity : 1;

2-2 Electrical Specifications				3MXS52E	4MXS80E	5MXS90E
Power supply	Name			V1	V3	
	Phase			1~		
	Frequency		Hz	50		
	Voltage		V	230		
Current	Starting current	Cooling	A	6.2	9.7	11.8
		Heating	A	6.2	9.7	11.8
Current - 50Hz	Maximum fuse amps (MFA)		A	20		
Current - 60Hz	Maximum fuse amps (MFA)		A	-		
Wiring connections	For power supply	Remark	3 for power supply, 4 for interunit wiring (including earth wiring)			

Notes

Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m

Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m

Contains fluorinated greenhouse gases

3 Electrical data

3 - 1 Electrical Data

3MXS52E

Model		Units				Power supply		Comp.		OFM	
Outdoor	H/P C/O	Hz	Volts	Min.	Max.	MCA	MFA	MSC	RLA	W	FLA
3MXS52E	H/P	50	220	198	242	18.5	20	6.2	5.6	44	0.30
			230	207	253			6.2	5.6		
			240	216	264			6.2	5.6		

3D052807B

SYMBOLS

- MCA : Min. Circuit Amps. (A)
- MFA : Max. Fuse Amps (see note 6). (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 terminal is not below or above listed range limits.
3. Maximum allowable voltage variation between phases is 2%.
4. MCA represents maximum input current.
MFA represents capacity which may accept MCA.
5. Select wire size based on the value of MCA.
6. MFA is used to select the circuit breaker and the ground fault circuit interrupter. (Earth leakage circuit breaker).

4MXS80E, 5MXS90E

Model		Units				Power supply		Comp.		OFM	
Outdoor	H/P C/O	Hz	Volts	Min.	Max.	MCA	MFA	MSC	RLA	W	FLA
5MXS90E	H/P	50	230	207	253	18.5	20	11.8	9.94	95	1.02
4MXS80E	H/P	50	230	207	253	18.5	20	9.7	8.1	86	0.97

3D052365A

SYMBOLS

- MCA : Min. Circuit Amps. (A)
- MFA : Max. Fuse Amps (see note 6). (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 terminal is not below or above listed range limits.
3. Maximum allowable voltage variation between phases is 2%.
4. MCA represents maximum input current.
MFA represents capacity which may accept MCA.
5. Select wire size based on the 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

MXS-E

Outdoor Units

	3MXS2E	4MXS0E	5MXS0E
Air direction adjustment grille		KPW945A4	

5 Combination table

5 - 1 Combination Table

3MXS52E

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
3MXS52E	15+15	1.50	1.50	—	—	1.88	3.00	4.72	0.35	0.61	1.30	1.5	2.7	5.7	99	4.92	A	305	A++	6.55	3.00	161
	15+20	1.50	2.00	—	—	1.88	3.50	4.72	0.35	0.77	1.30	1.5	3.4	5.7	99	4.55	A	385	A++	6.77	3.50	182
	15+25	1.50	2.50	—	—	1.88	4.00	5.68	0.35	0.95	1.91	1.5	4.2	8.4	99	4.21	A	475	A++	6.86	4.00	205
	15+35	1.50	3.50	—	—	1.88	5.00	5.99	0.35	1.45	2.17	1.5	6.4	9.5	99	3.45	A	725	A++	6.76	5.00	259
	15+42	1.37	3.83	—	—	1.88	5.20	6.08	0.35	1.55	2.25	1.5	6.8	9.9	99	3.35	A	775	A++	6.81	5.20	268
	15+50	1.20	—	4.00	—	1.88	5.20	6.29	0.35	1.46	2.27	1.5	6.4	10.0	99	3.56	A	730	A++	6.79	5.20	269
	20+20	2.00	2.00	—	—	1.88	4.00	5.96	0.35	0.95	1.91	1.5	4.2	8.4	99	4.21	A	475	A++	6.90	4.00	203
	20+25	2.00	2.50	—	—	1.88	4.50	6.23	0.35	1.18	2.14	1.5	5.2	9.4	99	3.81	A	590	A++	6.90	4.50	229
	20+35	1.89	3.31	—	—	1.88	5.20	6.24	0.35	1.55	2.07	1.5	6.8	9.1	99	3.35	A	775	A++	6.83	5.20	267
	20+42	1.68	3.52	—	—	1.88	5.20	6.25	0.35	1.55	2.07	1.5	6.8	9.1	99	3.35	A	775	A++	6.85	5.20	266
	20+50	1.49	—	3.71	—	1.88	5.20	6.47	0.35	1.42	2.15	1.5	6.2	9.4	99	3.66	A	710	A++	6.83	5.20	267
	25+25	2.50	2.50	—	—	1.88	5.00	6.23	0.35	1.45	2.14	1.5	6.4	9.4	99	3.45	A	725	A++	6.93	5.00	253
	25+35	2.17	3.03	—	—	1.88	5.20	6.35	0.35	1.55	2.25	1.5	6.8	9.9	99	3.35	A	775	A++	6.83	5.20	267
	25+42	1.94	3.26	—	—	1.88	5.20	6.36	0.35	1.55	2.25	1.5	6.8	9.9	99	3.35	A	775	A++	6.85	5.20	266
	25+50	1.73	—	3.47	—	1.88	5.20	6.47	0.35	1.42	2.07	1.5	6.2	9.1	99	3.66	A	710	A++	6.85	5.20	266
	35+35	2.60	2.60	—	—	1.88	5.20	6.40	0.35	1.55	2.25	1.5	6.8	9.9	99	3.35	A	775	A++	6.72	5.20	271
	35+42	2.36	2.84	—	—	1.88	5.20	6.41	0.35	1.55	2.25	1.5	6.8	9.9	99	3.35	A	775	A++	6.72	5.20	271
	35+50	2.14	—	3.06	—	1.88	5.21	6.49	0.35	1.42	2.09	1.5	6.2	9.2	99	3.67	A	710	A++	6.72	5.20	271
	42+42	2.60	2.60	—	—	1.88	5.20	6.42	0.35	1.55	2.25	1.5	6.8	9.9	99	3.35	A	775	A++	6.72	5.20	271
	15+15+15	1.50	1.50	1.50	—	1.86	4.50	6.71	0.35	0.97	2.16	1.5	4.3	9.5	99	4.64	A	485	A++	7.06	4.50	223
	15+15+20	1.50	1.50	2.00	—	1.86	5.00	6.71	0.35	1.18	2.16	1.5	5.2	9.5	99	4.24	A	590	A++	7.15	5.00	245
	15+15+25	1.42	1.42	2.36	—	1.86	5.20	6.71	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.17	5.20	254
	15+15+35	1.20	1.20	2.80	—	1.95	5.20	6.72	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.05	5.20	259
	15+15+42	1.08	1.08	3.03	—	1.95	5.20	6.73	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.05	5.20	259
	15+15+50	0.98	0.98	3.25	—	2.11	5.20	6.90	0.35	1.21	2.17	1.5	5.3	9.5	99	4.30	A	605	A++	7.05	5.20	259
	15+20+20	1.42	1.89	1.89	—	1.86	5.20	6.71	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.20	5.20	253
	15+20+25	1.30	1.73	2.17	—	1.86	5.20	6.71	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.20	5.20	253
	15+20+35	1.11	1.49	2.60	—	1.95	5.20	6.72	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.07	5.20	258
	15+20+42	1.01	1.35	2.84	—	1.95	5.20	6.73	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.06	5.20	258
	15+20+50	0.92	1.22	3.06	—	2.11	5.20	6.90	0.35	1.21	2.17	1.5	5.3	9.5	99	4.30	A	605	A++	7.07	5.20	258
	15+25+25	1.20	2.00	2.00	—	1.86	5.20	6.71	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.20	5.20	253
	15+25+35	1.04	1.73	2.43	—	1.95	5.20	6.72	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.06	5.20	258
	15+25+42	0.95	1.59	2.66	—	1.95	5.20	6.73	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.06	5.20	258
	15+25+50	0.87	1.44	2.89	—	2.11	5.20	6.90	0.35	1.21	2.17	1.5	5.3	9.5	99	4.30	A	605	A++	7.06	5.20	258
	15+35+35	0.92	2.14	2.14	—	1.86	5.20	6.73	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	6.93	5.20	263
	20+20+20	1.73	1.73	1.73	—	1.86	5.19	7.04	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.22	5.19	252
	20+20+25	1.60	1.60	1.99	—	1.86	5.19	7.04	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.23	5.19	252
	20+20+35	1.38	1.38	2.43	—	1.95	5.19	7.06	0.37	1.24	2.16	1.6	5.4	9.5	99	4.19	A	620	A++	7.08	5.19	257
	20+20+42	1.27	1.27	2.66	—	1.95	5.20	7.07	0.37	1.24	2.16	1.6	5.4	9.5	99	4.19	A	620	A++	7.09	5.20	257
	20+20+50	1.16	1.16	2.88	—	2.11	5.20	7.30	0.38	1.22	2.26	1.7	5.4	9.9	99	4.26	A	610	A++	7.08	5.20	258
	20+25+25	1.49	1.85	1.85	—	1.86	5.19	7.04	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620	A++	7.23	5.19	252
	20+25+35	1.30	1.63	2.27	—	1.95	5.20	7.06	0.37	1.24	2.16	1.6	5.4	9.5	99	4.19	A	620	A++	7.08	5.20	258
20+25+42	1.20	1.49	2.51	—	1.95	5.20	7.07	0.37	1.24	2.16	1.6	5.4	9.5	99	4.19	A	620	A++	7.09	5.20	257	
20+35+35	1.16	2.02	2.02	—	1.95	5.20	7.07	0.37	1.24	2.16	1.6	5.4	9.5	99	4.19	A	620	A++	6.94	5.20	263	
25+25+25	1.73	1.73	1.73	—	1.95	5.19	7.04	0.37	1.24	2.16	1.6	5.4	9.5	99	4.19	A	620	A++	7.23	5.19	252	
25+25+35	1.53	1.53	2.14	—	1.95	5.20	7.06	0.37	1.23	2.16	1.6	5.4	9.5	99	4.23	A	615	A++	7.09	5.20	257	

5 Combination table

5 - 1 Combination Table

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4MXS80E

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
4MXS80E	25+25+35+50	1,48	1,48	2,07	2,96	3,16	8,00	9,58	0,71	2,52	3,63	3,1	11,2	16,1	98	3,17	B	1260	A++	6.18	8.00	454
	25+25+35+60	1,38	1,38	1,93	3,31	3,30	8,00	9,60	0,72	2,28	3,29	3,2	10,1	14,6	98	3,51	A	1140	A++	6.27	8.00	447
	25+25+42+42	1,49	1,49	2,51	2,51	3,15	8,00	9,57	0,71	2,58	3,69	3,1	11,4	16,4	98	3,10	B	1290	A++	6.18	8.00	454
	25+25+42+50	1,41	1,41	2,37	2,82	3,26	8,00	9,60	0,71	2,52	3,63	3,1	11,2	16,1	98	3,17	B	1260	A++	6.18	8.00	454
	25+35+35+35	1,54	2,15	2,15	2,15	3,09	8,00	9,35	0,71	2,58	3,30	3,1	11,4	14,6	98	3,10	B	1290	A++	6.11	8.00	459
	25+35+35+42	1,46	2,04	2,04	2,45	3,19	8,00	9,59	0,71	2,58	3,77	3,1	11,4	16,7	98	3,10	B	1290	A++	6.11	8.00	459
	25+35+35+50	1,38	1,93	1,93	2,76	3,30	8,00	9,60	0,75	2,52	3,63	3,3	11,2	16,1	98	3,17	B	1260	A++	6.11	8.00	459
	25+35+42+42	1,39	1,94	2,33	2,33	3,29	8,00	9,60	0,75	2,58	3,77	3,3	11,4	16,7	98	3,10	B	1290	A++	6.11	8.00	459
	35+35+35+35	2,00	2,00	2,00	2,00	3,23	8,00	9,60	0,71	2,58	3,77	3,1	11,4	16,7	98	3,10	B	1290	A+	6.04	8.00	464

5 Combination table

5 - 1 Combination Table

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4MXS80E

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
4MXS80E	25+25+35+5+0	1.78	1.78	2.49	3.55	4.23	9.60	10.86	0.71	2.18	2.71	3.1	9.7	12.0	98	4.40	A	A+	4.14	6.22	2105	1.20
	25+25+35+6+0	1.66	1.66	2.32	3.96	4.50	9.60	11.09	0.72	2.10	2.63	3.2	9.3	11.7	98	4.57	A	A+	4.26	6.22	2047	1.19
	25+25+42+4+2	1.79	1.79	3.01	3.01	4.20	9.60	10.75	0.71	2.26	2.70	3.1	10.0	12.0	98	4.25	A	A+	4.19	6.22	2078	1.20
	25+25+42+5+0	1.69	1.69	2.85	3.37	4.42	9.60	10.87	0.76	2.17	2.71	3.4	9.6	12.0	98	4.42	A	A+	4.16	6.22	2092	1.20
	25+35+35+3+5	1.86	2.58	2.58	2.58	4.09	9.60	10.74	0.71	2.26	2.71	3.1	10.0	12.0	98	4.25	A	A+	4.22	6.22	2066	1.19
	25+35+35+4+2	1.76	2.45	2.45	2.94	4.28	9.60	10.75	0.74	2.26	2.70	3.3	10.0	12.0	98	4.25	A	A+	4.25	6.22	2051	1.19
	25+35+35+5+0	1.65	2.32	2.32	3.31	4.50	9.60	10.87	0.76	2.17	2.71	3.4	9.6	12.0	98	4.42	A	A+	4.22	6.22	2066	1.20
	25+35+42+4+2	1.67	2.33	2.80	2.80	4.47	9.60	10.75	0.78	2.26	2.70	3.5	10.0	12.0	98	4.25	A	A+	4.25	6.22	2051	1.19
	35+35+35+3+5	2.40	2.40	2.40	2.40	4.36	9.60	10.75	0.76	2.26	2.70	3.4	10.0	12.0	98	4.25	A	A+	4.31	6.22	2021	1.19

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

1 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).
 Kühleistungen basieren auf 27 °C TK/19 °C FK (Innen Temperatur); 35 °C TK (Außen Temperatur).
 Heizleistungen basieren auf 20 °C TK (Innen Temperatur); 7 °C TK/6 °C FK (Außen Temperatur).
 Η ψυκτική απόδοση βασίζεται σε 27°CDB / 19°CWB (θερμοκρασία εσωτερικού χώρου), 35°CDB (εξωτερική θερμοκρασία).
 Η απόδοση θέρμανσης βασίζεται σε 20°CDB (θερμοκρασία εσωτερικού χώρου), 7°CDB/6°CWB (εξωτερική θερμοκρασία).
 Capacidad de refrigeración basada en 27 °CDB/19 °CWB (temperatura interior), 35 °CDB (temperatura exterior).
 Capacidad de calefacción basada en 20 °CDB (temperatura interior), 7 °CDB/6 °CWB (temperatura exterior).
 La puissance frigorifique est basée sur les conditions suivantes : 27 °CDB/19 °CWB (température intérieure), 35 °CDB (température extérieure).
 La puissance calorifique est basée sur les conditions suivantes : 20 °CDB (température intérieure), 7 °CDB/6 °CWB (température extérieure).
 La capacità di riscaldamento si basa su 27°CDB/19°CWB (temperatura interna), 35°CDB (temperatura esterna).
 La capacità di riscaldamento si basa su 20°CDB (temperatura interna), 7°CDB/6°CWB (temperatura esterna).
 Het koelvermogen is gebaseerd op 27°C DB/19°C NB (binnentemperatuur), 35°C DB (buitentemperatuur).
 Het verwarmingsvermogen is gebaseerd op 20°C D (binnentemperatuur), 7°C DB/6°C NB (buitentemperatuur).
 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 şu koşullara dayalıdır: 27°C KT/19°C YT'ye (İç ortam sıcaklığı), 35°C KT (Dış ortam sıcaklığı).
 Isıtma kapasitesi şu koşullara dayalıdır: 20C KT (İç ortam sıcaklığı), 7°C KT/6°C YT (Dış ortam sıcaklığı).

2 The total ability of connected a indoor unit is up to 14,5 kW.
 Die Gesamtleistungsfähigkeit der angeschlossenen Innengeräte beträgt bis zu 14,5 kW.
 Η συνολική ικανότητα μιας συνδεδεμένης εσωτερικής μονάδας είναι μέχρι 14,5 kW.
 La capacidad total de una unidad interior conectada es de hasta 14,5 kW.
 La capacité totale d'une unité intérieure connectée est de 14,5 kW maximum.
 La capacità totale di un'unità interna collegata raggiunge i 14,5 kW.
 Het totaal vermogen van een aangesloten binnenunit is tot 14,5 kW.
 Общая мощность подключенного внутреннего блока – до 14,5 кВт.
 Bağlı iç ünitenin toplam kapasitesi maksimum 14,5 kW'dır.

3 It is impossible to connect the indoor unit for one room only.
 Es ist nicht möglich, das Innengerät für nur einen Raum anzuschließen.
 Είναι 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'unité intérieure pour une seule pièce.
 È impossibile collegare l'unità interna per un solo locale.
 Het is niet mogelijk om alleen een binnenunit voor één vertrek aan te sluiten.
 Невозможно подключить внутренний блок только для одной комнаты.
 İç ünitenin yalnızca tek bir oda için bağlanması mümkün değildir.

4 The above is the value for connecting with the following indoor units.
 1,5kW: wall mounted CTXS-K series; 2,0, 2,5, 3,5, 4,2, 5,0kW: wall mounted FTXS-K series
 6,0, 7,1 kW class; wall mounted G series
 Der obige Wert gilt für den Anschluss folgender Innengeräte.
 1,5 kW: Wandgerät Baureihe CTXS-K; 2,0, 2,5, 3,5, 4,2, 5,0 kW: Wandgerät Baureihe FTXS-K
 6,0, 7,1 kW Klasse; Wandgerät Baureihe G
 Η παραπάνω είναι τιμή για σύνδεση με τις παρακάτω εσωτερικές μονάδες.
 1,5kW: επίτοιχη σειρά CTXS-K 2,0, 2,5, 3,5, 4,2, 5,0kW: επίτοιχη σειρά FTXS-K
 Κατηγορία 6,0, 7,1 kW, σειρά G επίτοιχου τύπου
 Arriba aparece el valor de conexión para las siguientes unidades interiores
 1,5 kW: serie CTXS-K montada en pared; 2,0, 2,5, 3,5, 4,2, 5,0 kW: serie FTXS-K montada en pared
 Clase 6,0, 7,1 kW; serie G montada en pared
 La valeur ci-avant est la valeur pour la connexion aux unités intérieures suivantes :
 1,5 kW : unités murales série CTXS-K ; 2,0 / 2,5 / 3,5 / 4,2 / 5,0 kW : unités murales série FTXS-K
 Unités murales série G ; classe 6,0 / 7,1 kW
 Sopra è mostrato il valore per il collegamento alle seguenti unità interne.
 1,5kW: serie CTXS-K a parete; 2,0, 2,5, 3,5, 4,2, 5,0kW: serie FTXS-K a parete
 Classe 6,0 / 7,1 kW; serie G a parete
 De bovenstaande waarde is de waarde voor aansluiting met de volgende binnenunits.
 1,5 kW: muurmodellen CTXS-K-serie, 2,0 / 2,5 / 3,5 / 4,2 / 5,0 kW: muurmodellen FTXS-K-serie
 Klasse 6,0/7,1 kW, muurmodellen G-serie
 Выше приведено значение для соединения со следующими внутренними блоками.
 1,5 кВт: настенный блок серии CTXS-K; 2,0, 2,5, 3,5, 4,2, 5,0 кВт: настенный блок серии FTXS-K
 класс 6,0, 7,1 кВт; настенный блок серии G
 Aşağıdaki iç ünitelere bağlantı için geçerli veriler yukarıda verilmiştir.
 1,5kW: duvar tipi CTXS-K serisi; 2,0, 2,5, 3,5, 4,2, 5,0 kW: duvar tipi FTXS-K serisi
 6,0, 7,1 kW sınıfı; duvar tipi G serisi

6 Capacity tables

6 - 1 Capacity Table Legend

In order to fulfill more your requirements on quick access of data in the format you require, we have developed a tool to consult capacity tables.

Below you can find the link to the capacity table database and an overview of all the tools we have, to help you select the correct product:

- Capacity table database: makes you find back and export quickly the capacity information you are looking for based upon unit model, refrigerant temperature and connection ratio.
→ <http://extranet.daikineurope.com/captab>

- E-data app: gives a complete overview of the Daikin products available in your country, with all engineering data and commercial info in your own language. Download the app now!

→ <https://itunes.apple.com/us/app/daikin-e-data/id565955746?mt=8>

→ <https://play.google.com/store/apps/details?id=com.daikineurope.edata&hl=en>



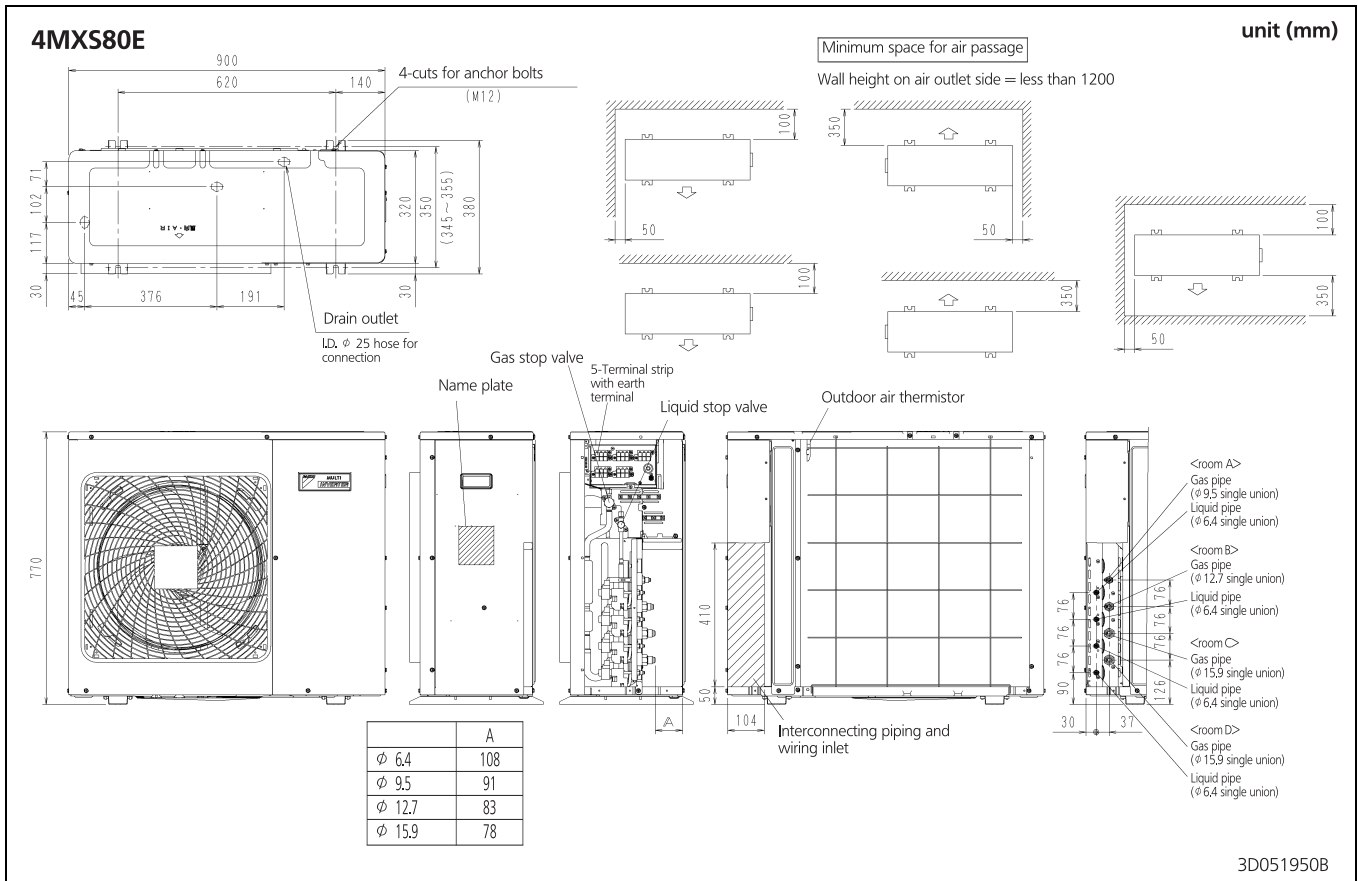
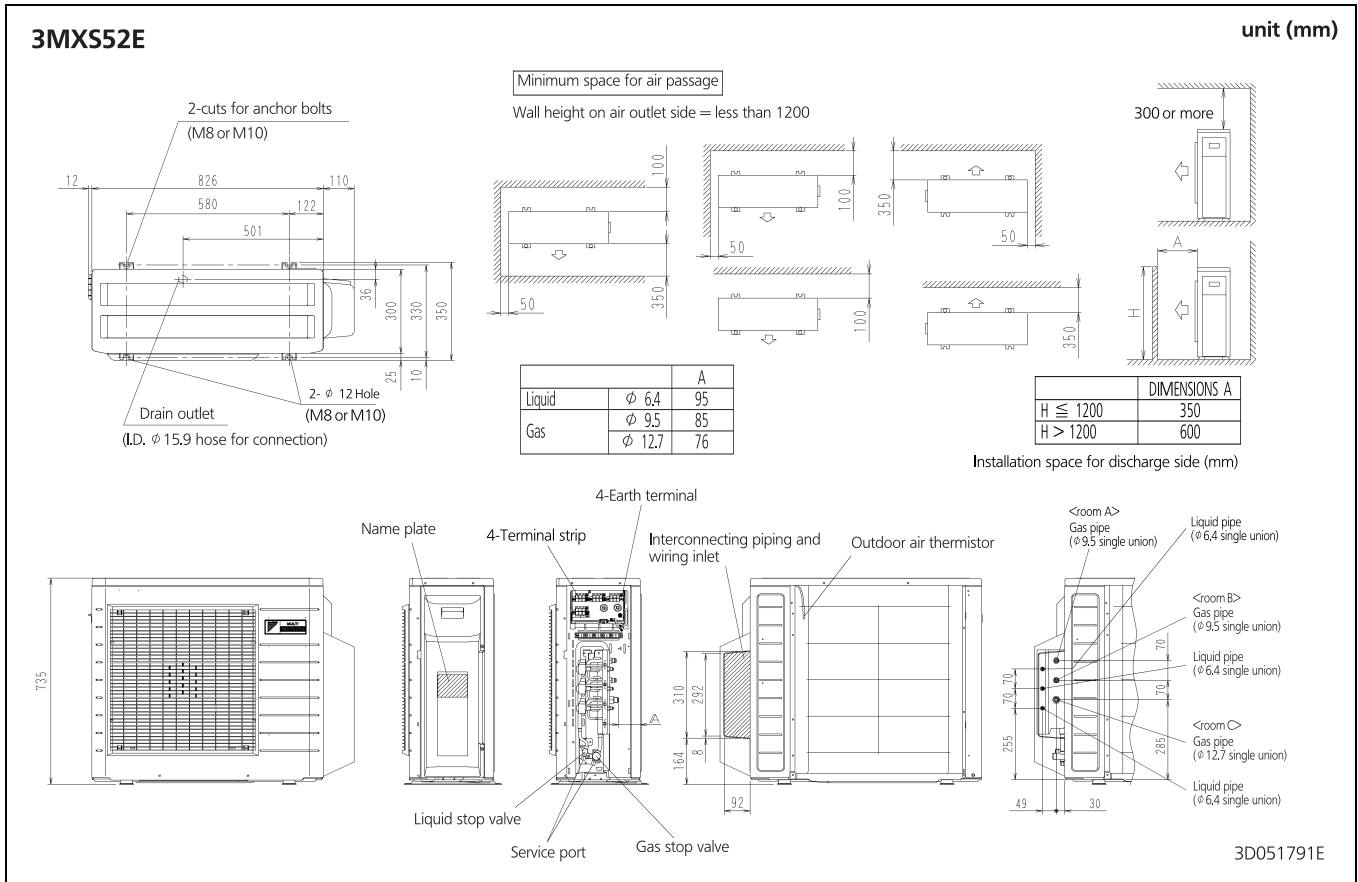
- Selection software: allows you to make equipment selections for Split.

→ <http://extranet.daikineurope.com/en/software/downloads/default.jsp>

7 Dimensional drawings

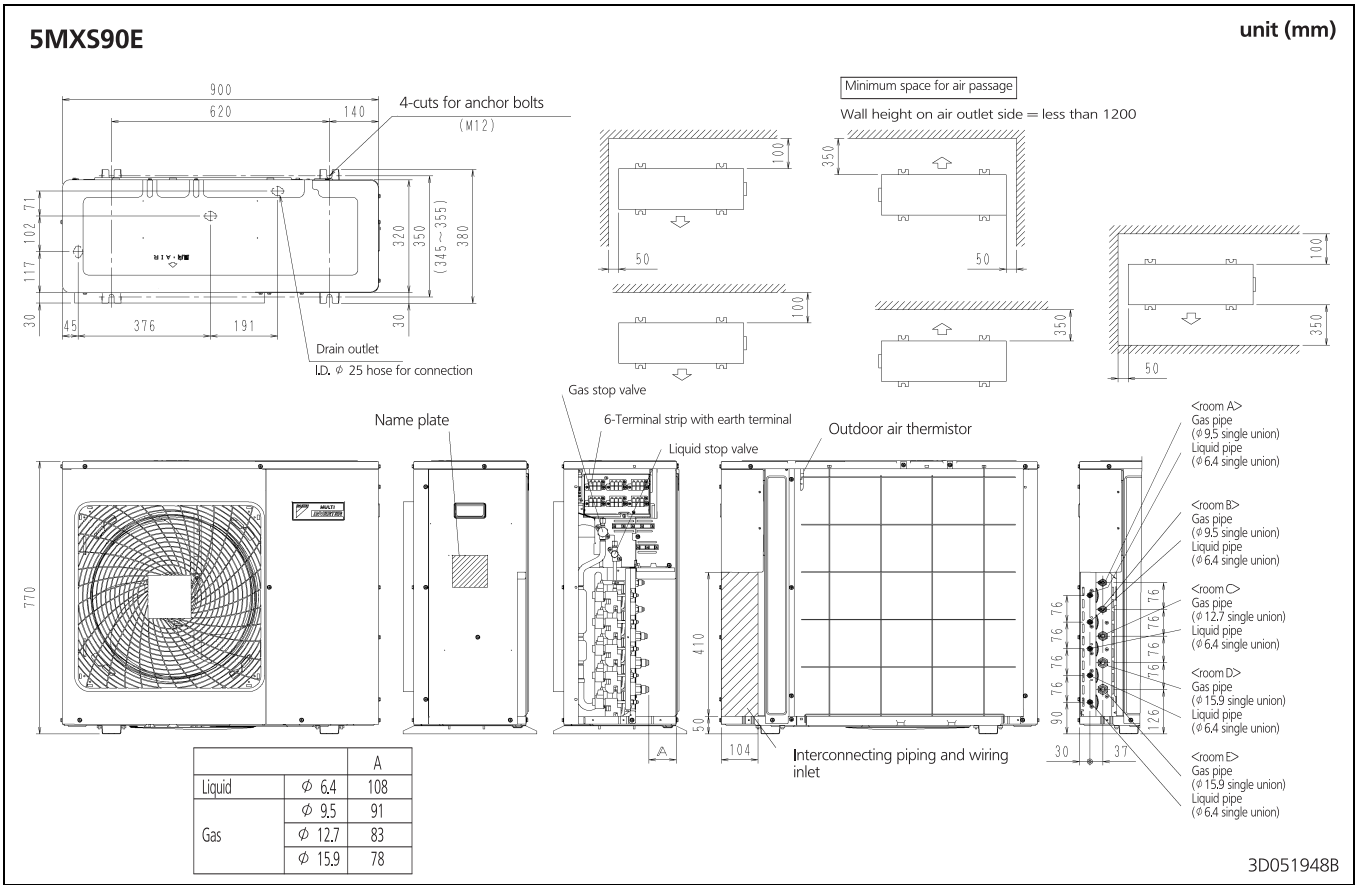
7 - 1 Dimensional Drawings

7



7 Dimensional drawings

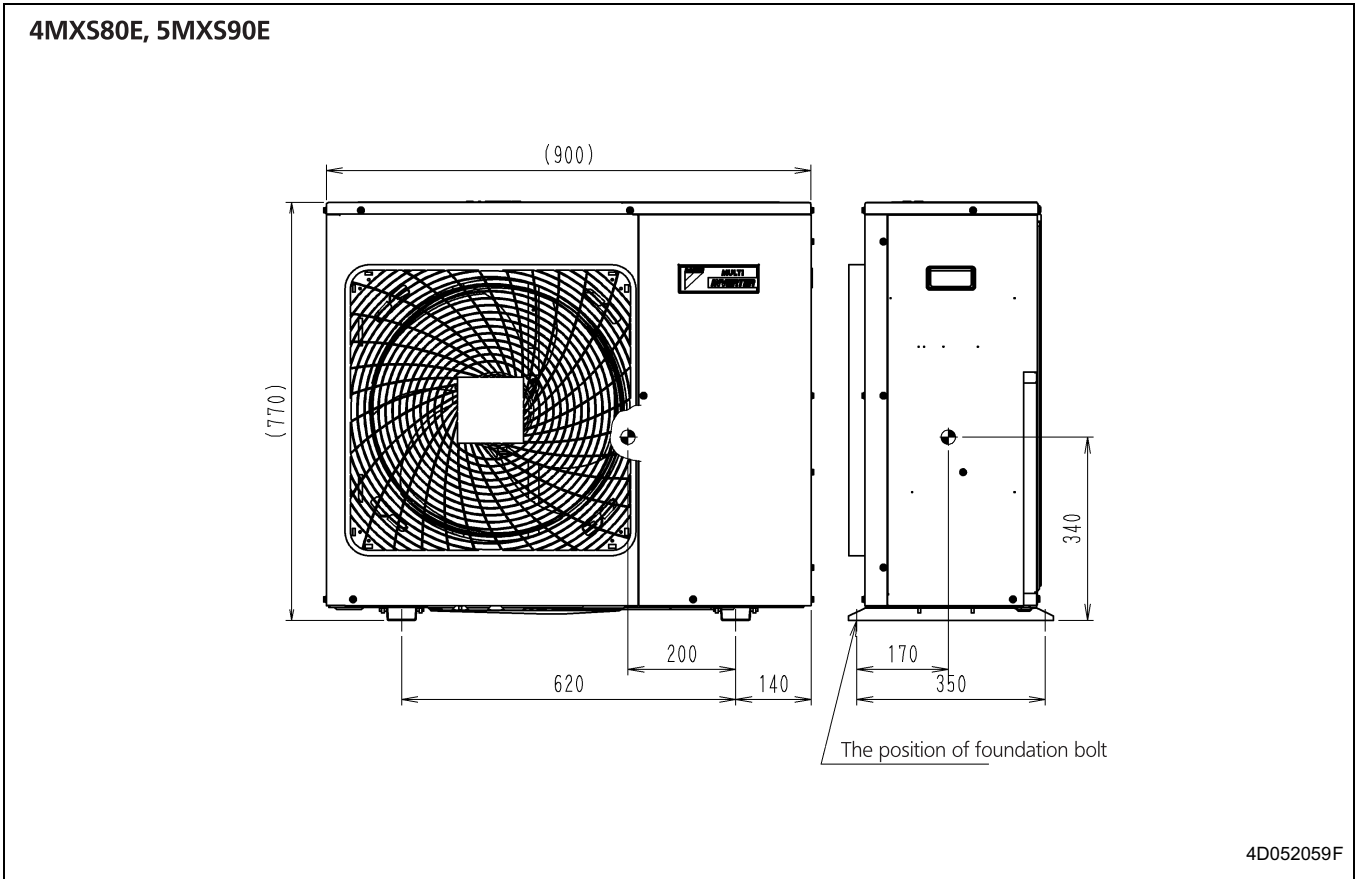
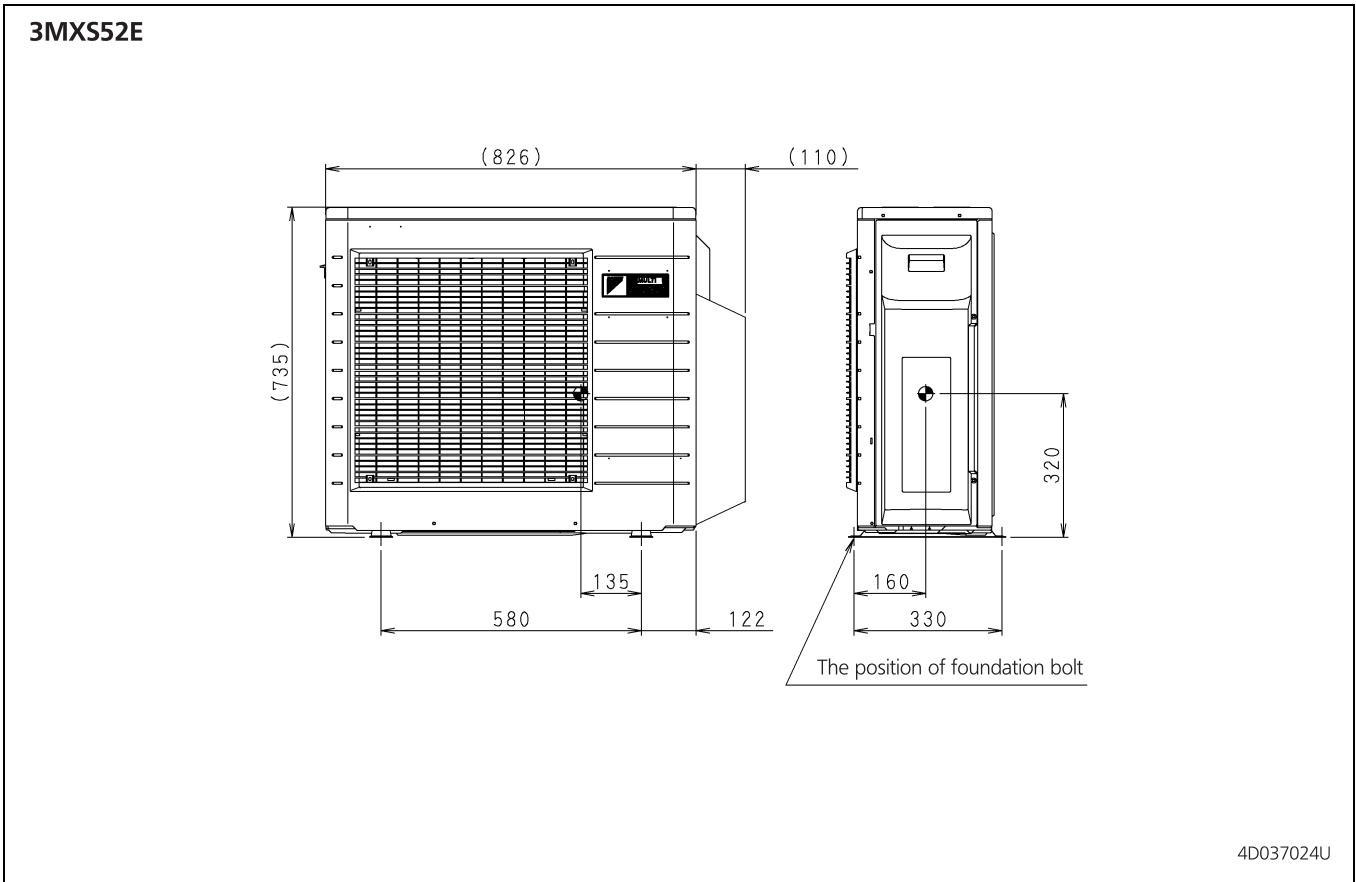
7 - 1 Dimensional Drawings



8 Centre of gravity

8 - 1 Centre of Gravity

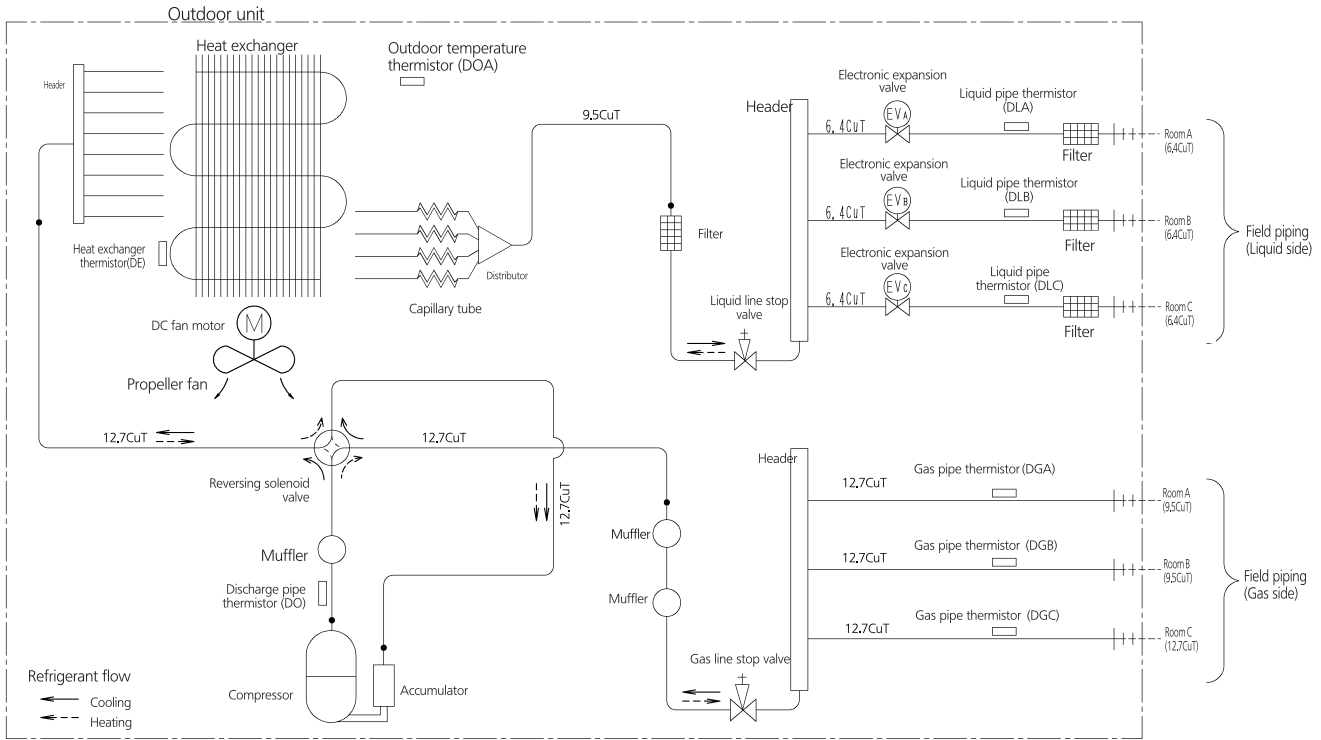
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9 Piping diagrams

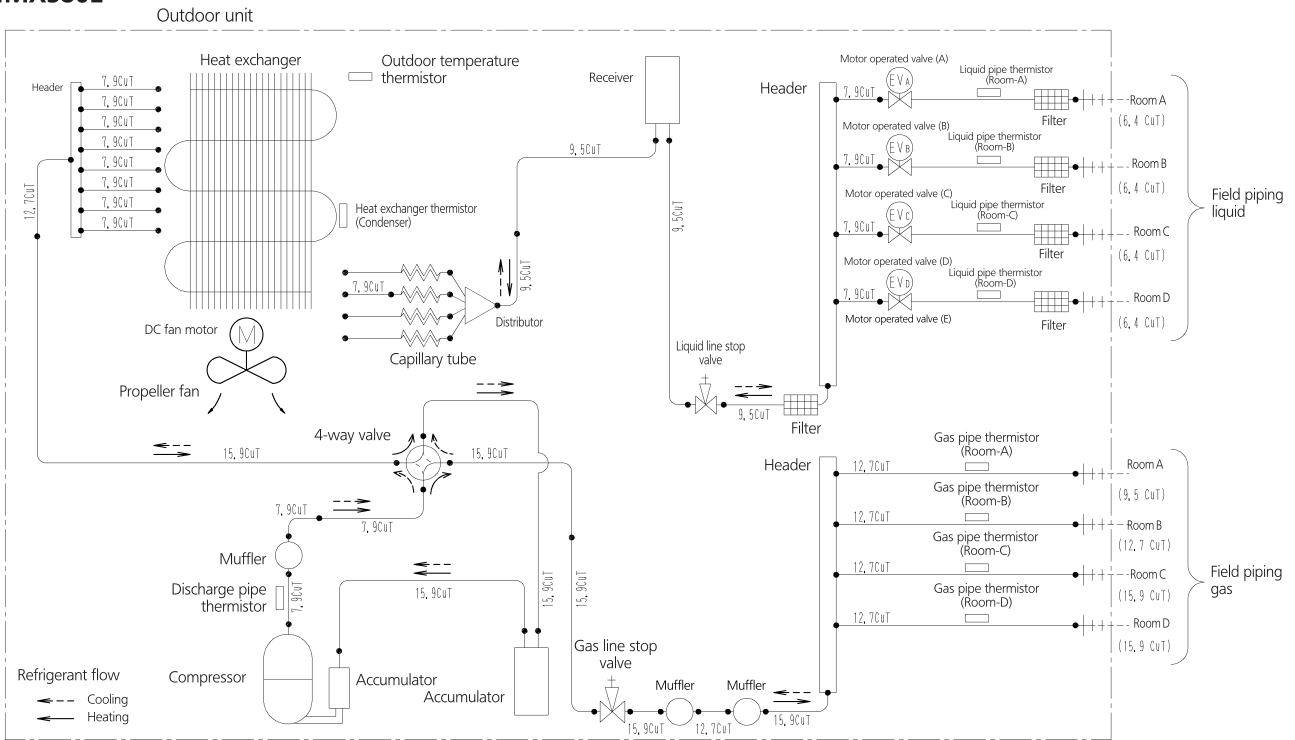
9 - 1 Piping Diagrams

3MXS52E



3D052055F

4MXS80E

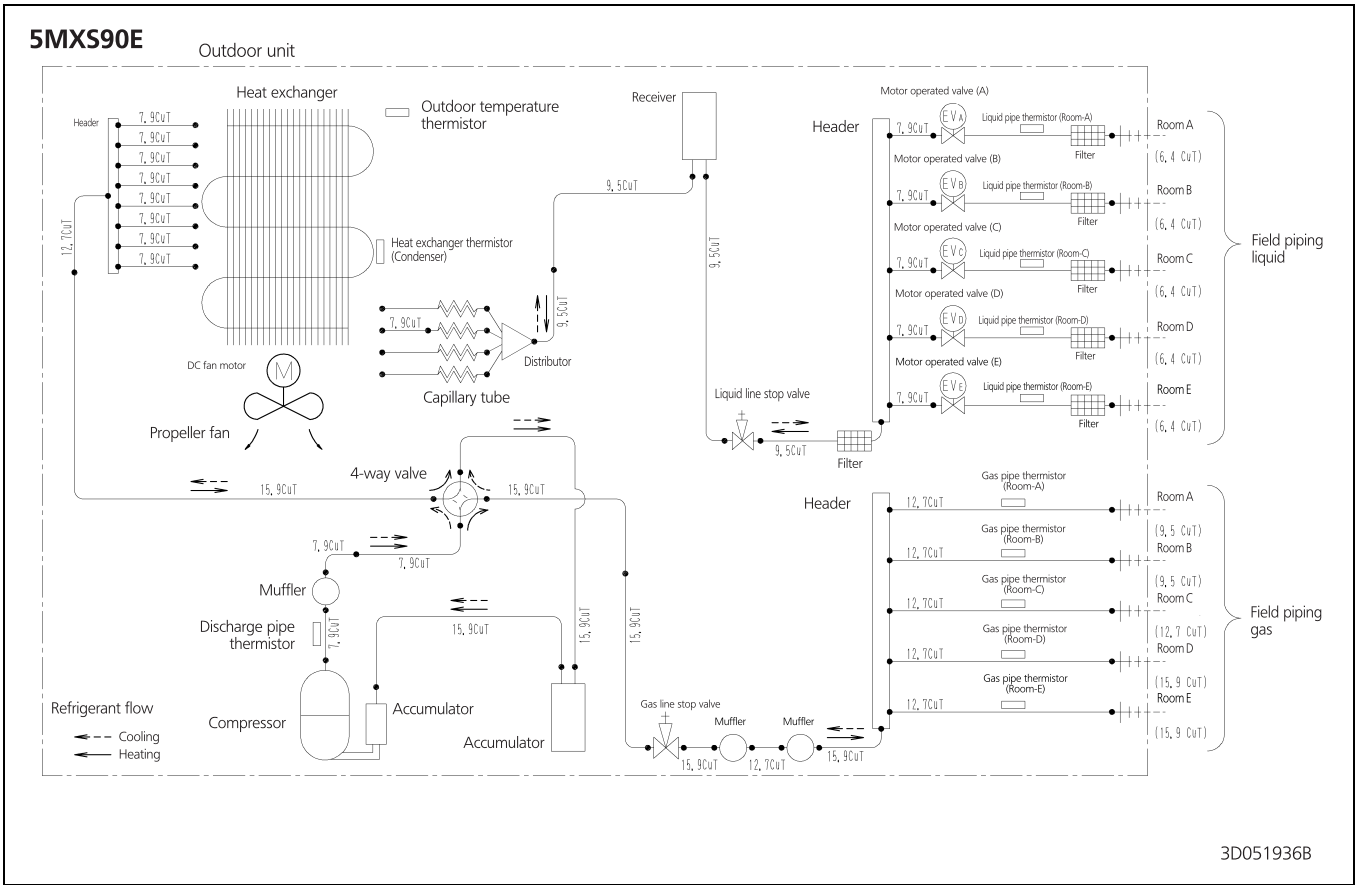


3D051937G

9 Piping diagrams

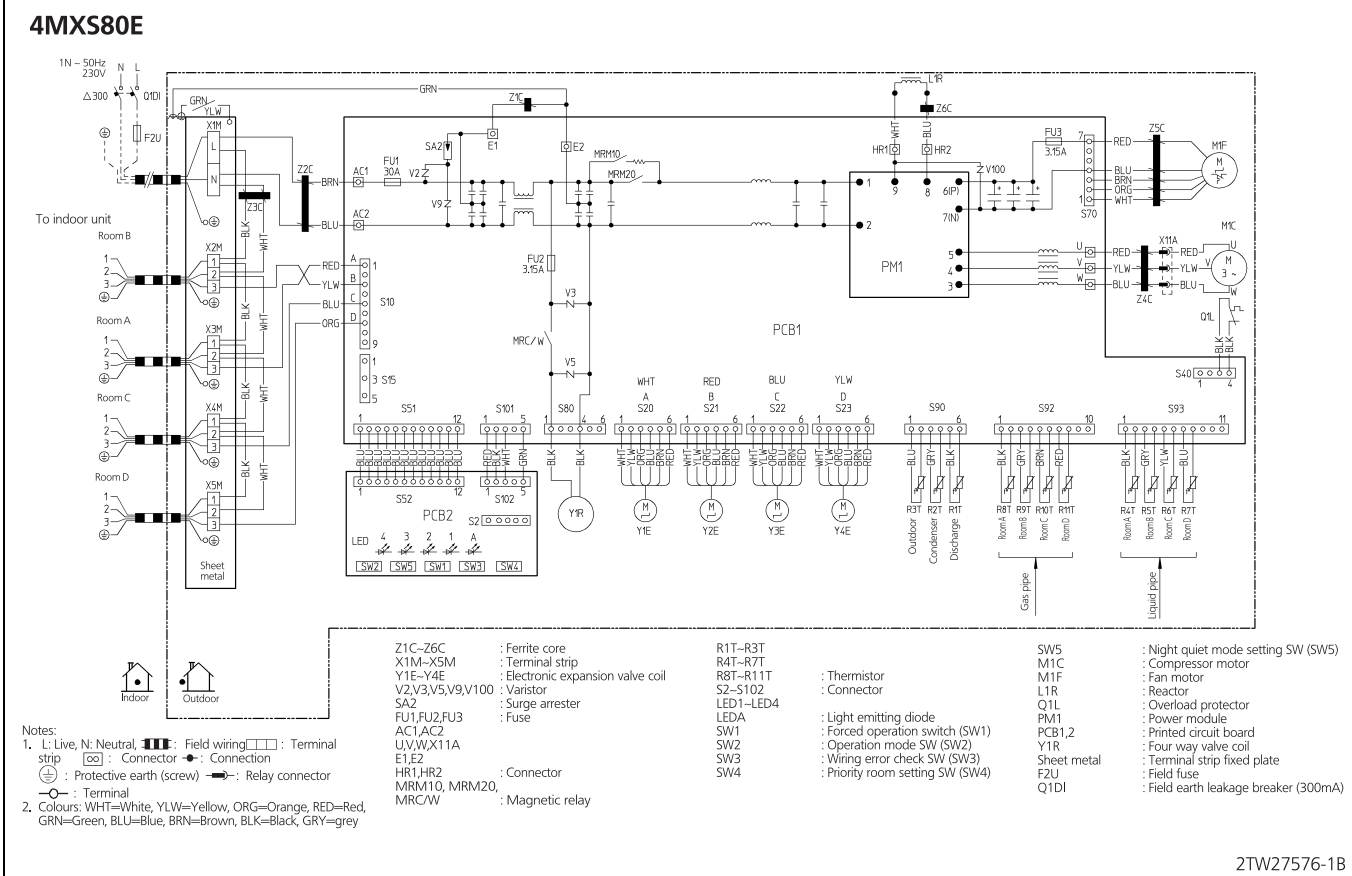
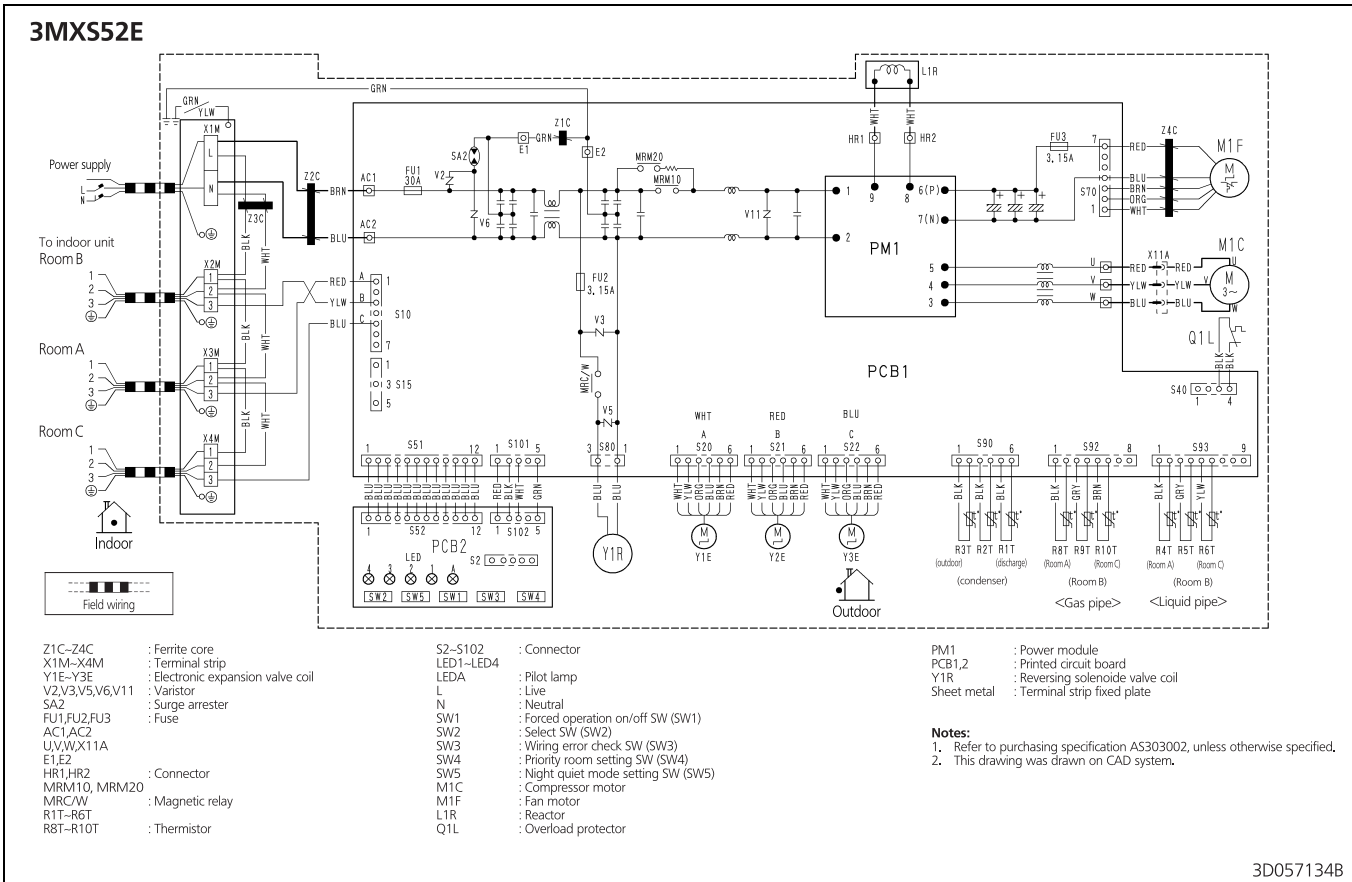
9 - 1 Piping Diagrams

9



10 Wiring diagrams

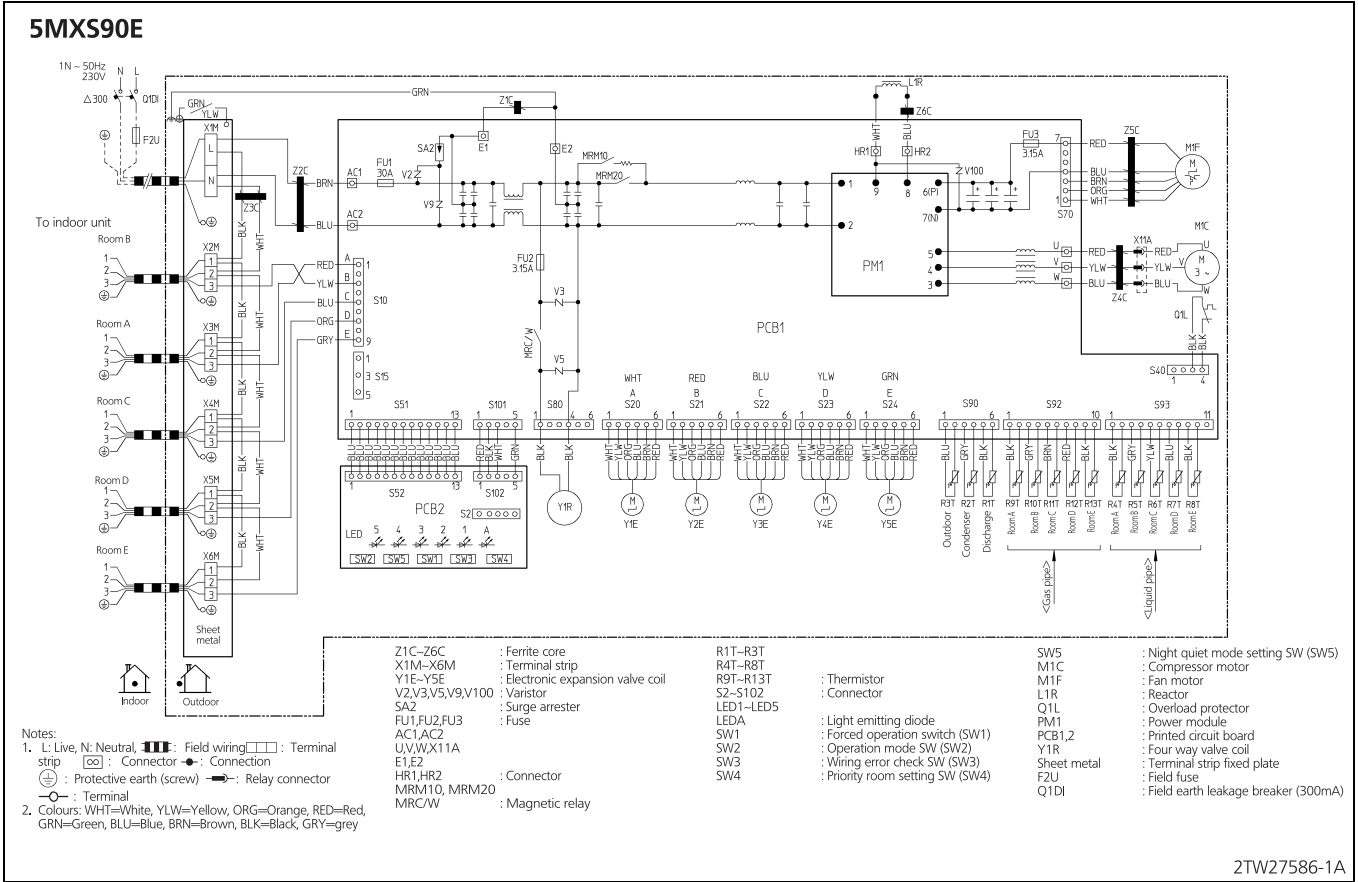
10 - 1 Wiring Diagrams - Single Phase



10 Wiring diagrams

10 - 1 Wiring Diagrams - Single Phase

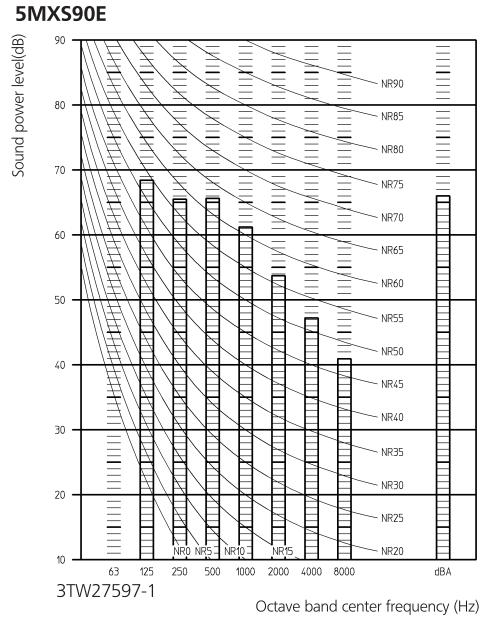
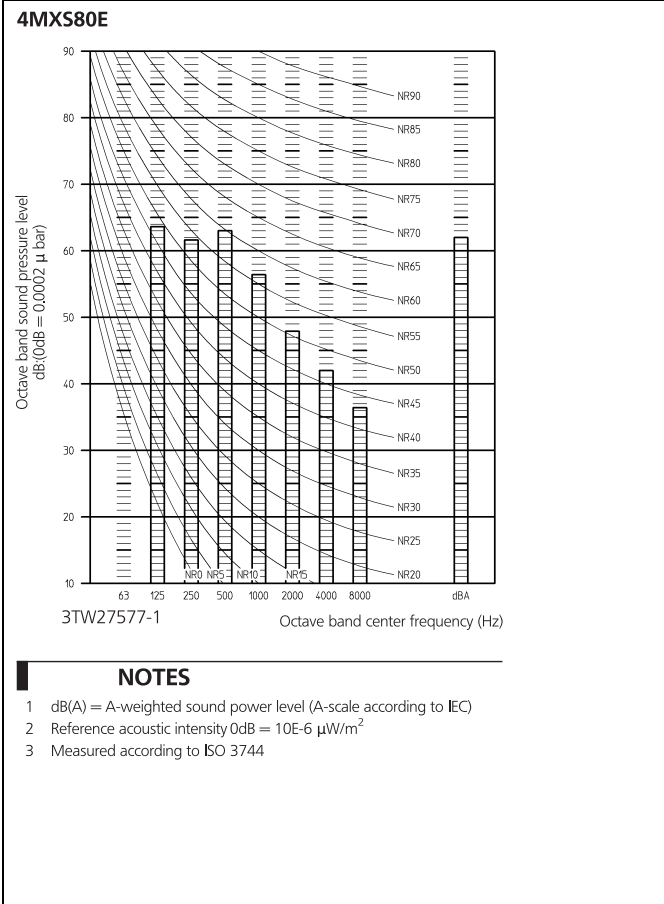
10



2TW27586-1A

11 Sound data

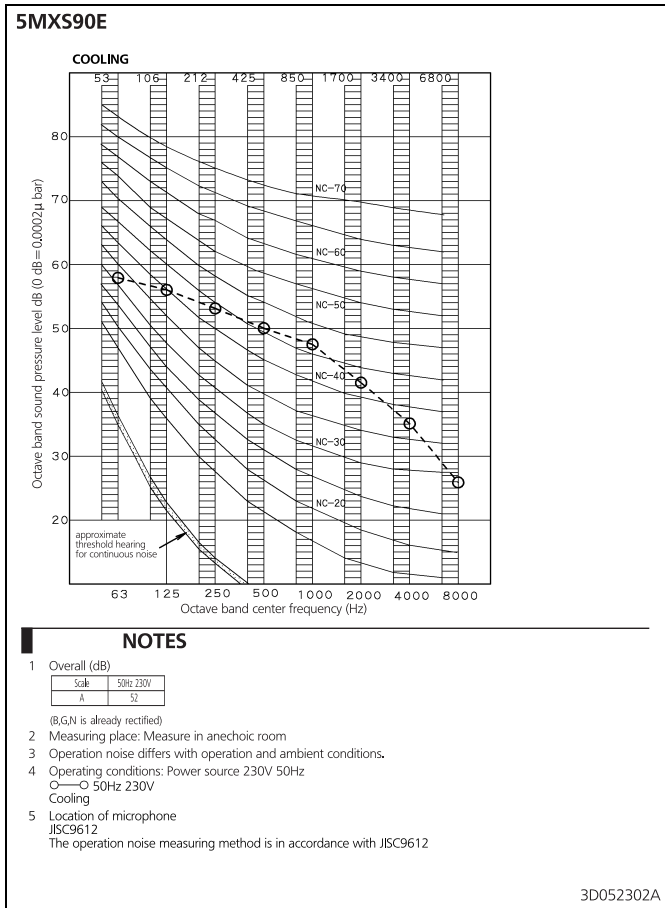
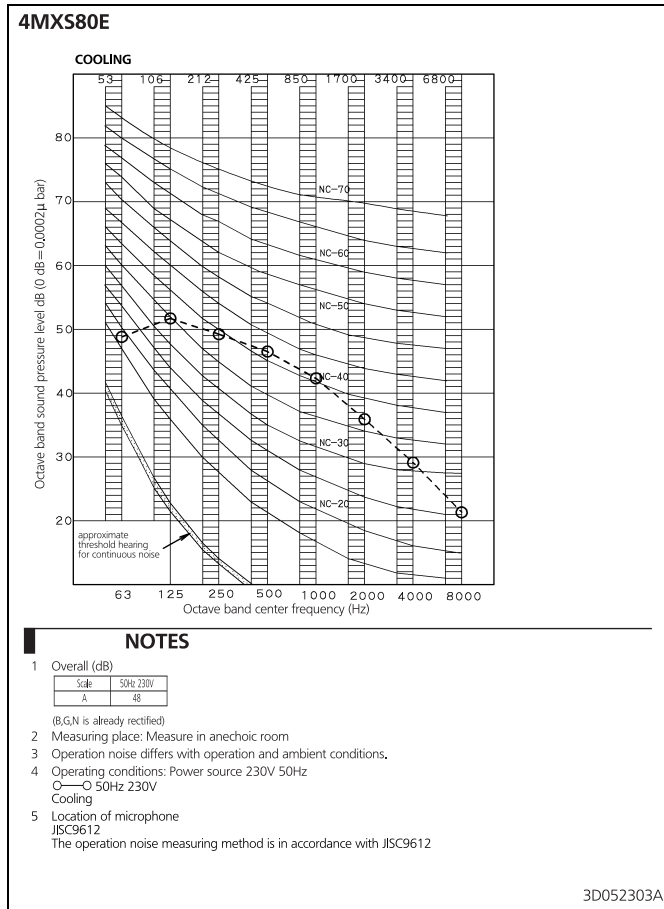
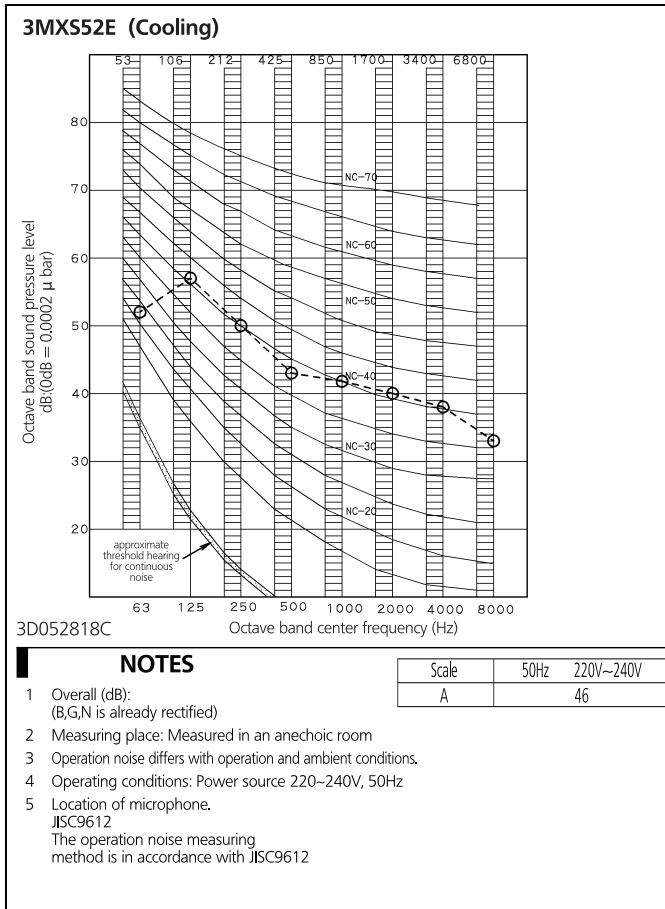
11 - 1 Sound Power Spectrum



11 Sound data

11 - 2 Sound Pressure Spectrum - Cooling

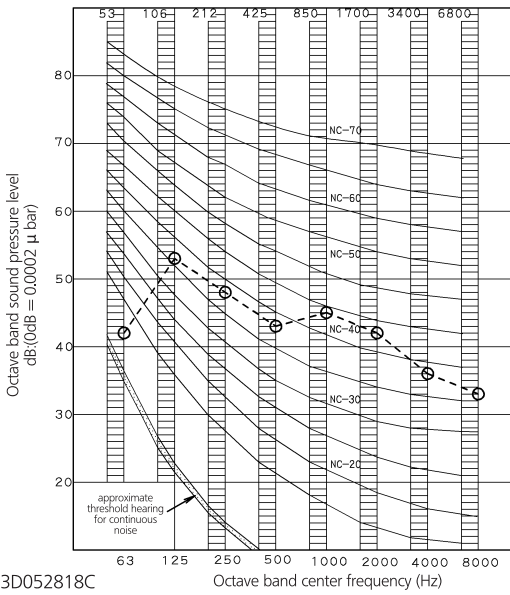
11



11 Sound data

11 - 3 Sound Pressure Spectrum - Heating

3MXS52E (Heating)



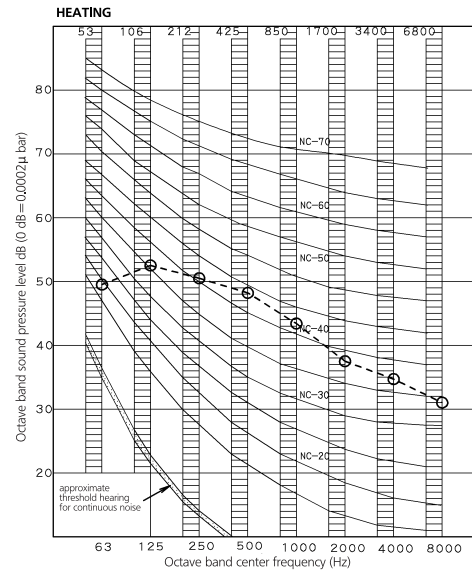
3D052818C

NOTES

- Overall (dB):
(B,G,N is already rectified)
- Measuring place: Measured in an anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 220~240V, 50Hz
- Location of microphone:
JISC9612
The operation noise measuring method is in accordance with JISC9612

Scale	50Hz	220V~240V
A		47

4MXS80E

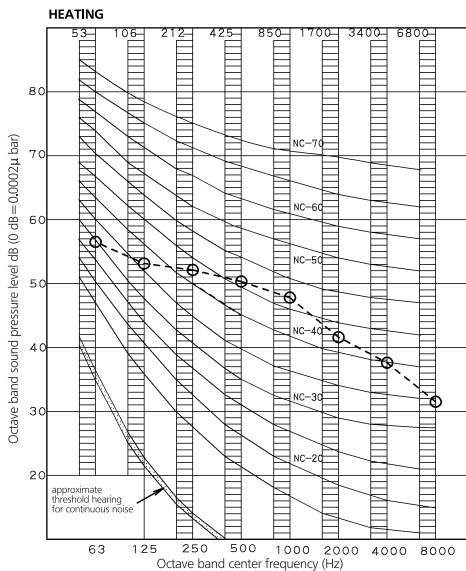


NOTES

- Overall (dB)
Scale: 50Hz 230V
A: 49
(B,G,N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 230V 50Hz
○—○ 50Hz 230V Heating
- Location of microphone:
JISC9612
The operation noise measuring method is in accordance with JISC9612

3D052303A

5MXS90E



NOTES

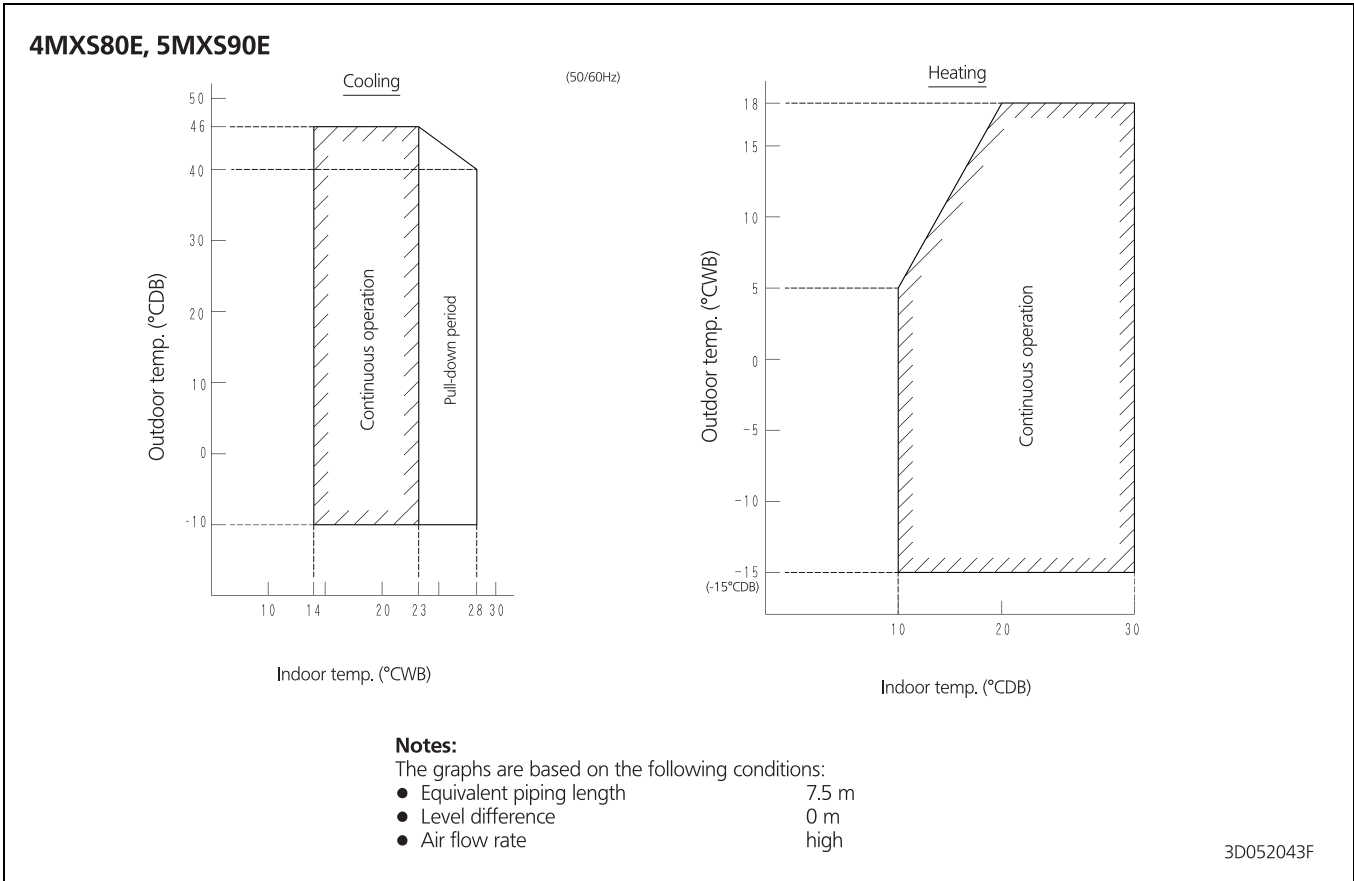
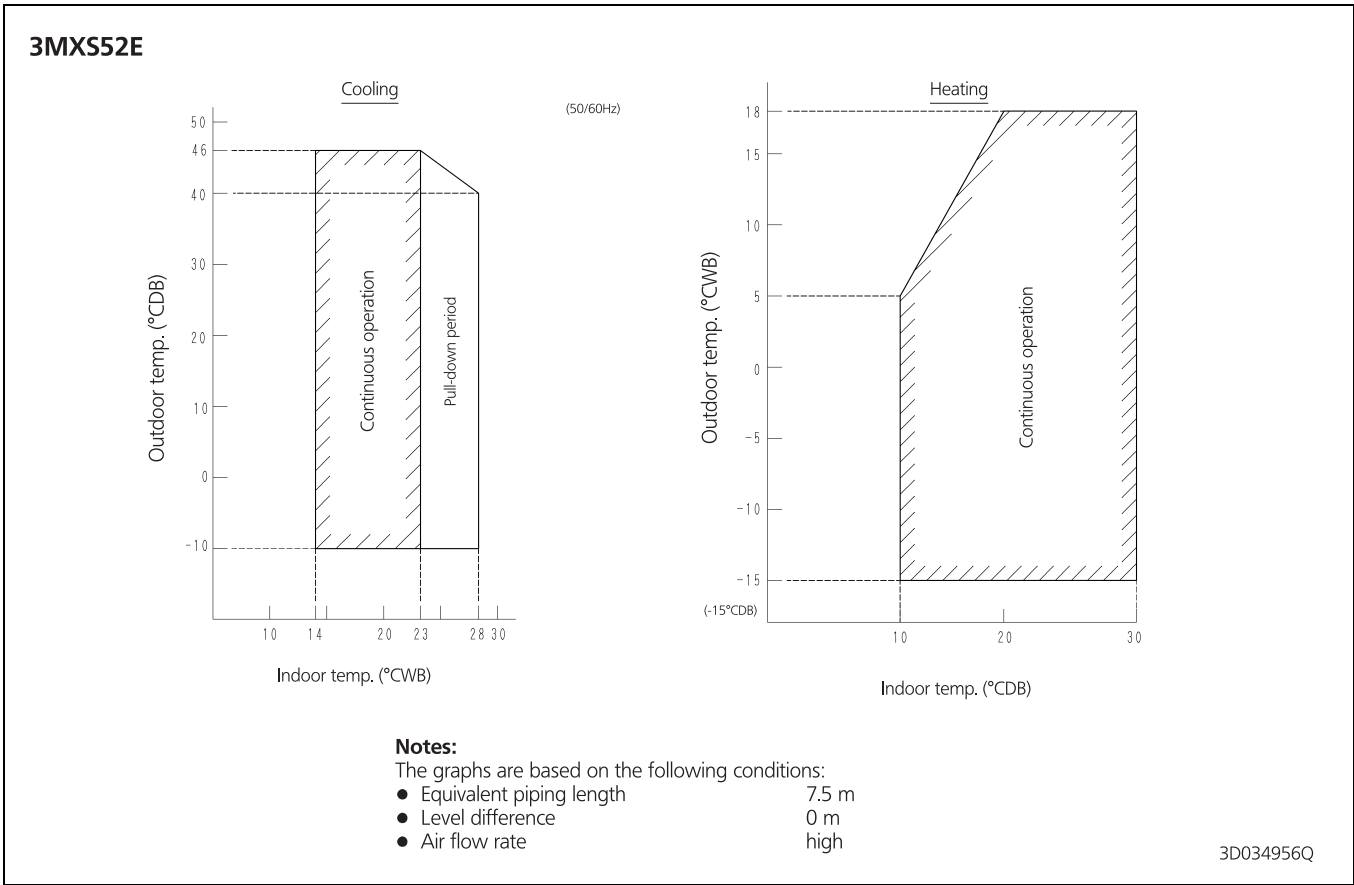
- Overall (dB)
Scale: 50Hz 230V
A: 52
(B,G,N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 230V 50Hz
○—○ 50Hz 230V Heating
- Location of microphone:
JISC9612
The operation noise measuring method is in accordance with JISC9612

3D052302A

12 Operation range

12 - 1 Operation Range

12





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