

Air Conditioning
Technical Data

4MXM-M



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4MXM-M

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1 Features

- Seasonal efficiency values up to A+++ in cooling and heating thanks to its up-to-date technology and built-in intelligence.
- Outdoor units for multi model application.
- Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency
- 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. Each unit works individually and independently from the other regarding set
- Different types of indoor units can be connected: e.g. wall mounted units, concealed ceiling units
- Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- Seasonal efficiency values up to A+++

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2 Specifications

2-1 Technical Specifications					4MXM68M		4MXM80M	
Casing	Colour				Ivory white			
Dimensions	Unit	Height	mm		734			
		Width	mm		320			
		Depth	mm		868			
	Packed unit	Height	mm		820			
		Width	mm		1,050			
Depth		mm		840				
Weight	Unit		kg	63		67		
	Packed unit		kg	67		71		
Packing	Weight		kg	4				
Heat exchanger	Length		mm	920		920 / 650		
	Rows	Quantity		2		2 / 1		
	Fin pitch		mm	1.4		1.4 / 1.8		
	Stages	Quantity		32		32 / 12		
	Tube type		ø8 Hi-XA					
	Fin	Type		WHS8 FIN-HYDROPHILIC				
		Treatment		Anti-corrosion treatment				
Compressor	Model				2YC71DXD#C			
	Type				Hermetically sealed swing compressor			
	Output		W		2,400.0			
Fan	Type				Propeller fan		Propeller	
	Air flow rate	Cooling	High	m ³ /min	46.5		49.1	
				cfm	1,642		1,733	
			Nom.	m ³ /min	42.5		45.2	
		Super low	cfm	1,501		1,596		
				m ³ /min	24.1		24.1	
			cfm	851		851		
	Heating	High	m ³ /min	43.8		47.8		
			cfm	1,547		1,688		
		Nom.	m ³ /min	43.8		43.9		
		cfm	1,547		1,550			
			m ³ /min	24.1		24.1		
		cfm	851.0		851.0			
Power consumption	Cooling	Standard	W	1,593		1,620		
	Heating	Standard	W	1,479		1,868		
Fan motor	Model				D55F-31		DB90B-37	
	Output		W		55		128	
	Speed	Cooling	High	rpm	760		800	
			Nom.	rpm	700		740	
		Super low	Low	rpm	420		420	
			rpm	-		-		
	Heating	High	rpm	720		780		
		Nom.	rpm	720		720		
		Low	rpm	420		420		
Super low		rpm	-		-			
Sound power level	Cooling		dBA	61				
	Heating		dBA	61				
Sound pressure level	Cooling	Nom.	dBA	48				
	Heating	Nom.	dBA	49				
Operation range	Cooling	Ambient	Min.	°CDB	-10			
			Max.	°CDB	46			
	Heating	Ambient	Min.	°CWB	-15			
			Max.	°CWB	18			

2 Specifications

2

2-1 Technical Specifications				4MXM68M	4MXM80M	
Refrigerant	Type			R-32		
	Charge	kg		2.00	2.4	
		TCO _{2eq}		1.4	1.6	
	GWP			675		
Piping connections	Liquid	Quantity		4		
		OD	mm	6.35		
	Gas	Quantity		2	1	
		OD	mm	9.5		
	Drain	ID	mm	15.9		
	Gas 2	Quantity		2	1	
		OD	mm	12.70		
	Gas 3	Quantity		-	2	
		OD	mm	-	15.90	
	Piping length	OU - IU	Max.	m	25	
		System	Chargel ess	m	20	
	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	60	70	
Refrigerant oil	Type			FW68DA		
	Charged volume			l		

Standard Accessories : Installation manual; Quantity : 1;

Standard Accessories : Screw bag; Quantity : 1;

Standard Accessories : Drain plug; Quantity : 1;

Standard Accessories : Drain cap; Quantity : 9;

Standard Accessories : Reducer assembly; Quantity : 1;

2-2 Electrical Specifications				4MXM68M	4MXM80M
Power supply	Name			V1	
	Phase			1~	
	Frequency		Hz	50	
	Voltage		V	220-240	
Current - 50Hz	Maximum fuse amps (MFA)		A	30	
Current	Nominal running current (RLA)	Cooling	A	7.31	8.91
		Heating	A	8.41	9.87
	Starting current	Cooling	A	8.3	11.2
		Heating	A	8.3	11.2
Current - 60Hz	Maximum fuse amps (MFA)		A	-	

Notes

Contains fluorinated greenhouse gases

3 Electrical data

3 - 1 Electrical Data

4MXM-M

Model		Unit			Power supply		COMP.		OFM		
Outdoor	H/P C/O	Hz	Voltage	MIN.	MAX.	MCA	MFA	MSC	RLA	kW	FLA
4MXM68M2V1B	H/P	50	220	198	242	21,0	30	8,3	7,65	0,056	0,37
			230	207	253				7,31		
			240	216	264				7,01		
4MXM80M2V1B	H/P	50	220	198	242	21,0	30	9,7	8,47	0,075	0,50
			230	207	253				8,10		
			240	216	264				7,77		

Symbols

- MCA: Minimum Circuit Ampere [A]
- MFA: Maximum Fuse Ampere [A]
- MSC: Maximum current of the starting compressor [A]
- RLA: Rated load amps [A]
- OFM: Outdoor fan motor [A]
- FLA: Full Load Ampere [A]
- kW: Fan motor rated output [kW]

Notes

1. The RLA is based on the following conditions.
 - Cooling
 - Indoor temperature 27°C DB / 19°C WB
 - Outdoor temperature 35°C DB
2. Voltage range
 - The units are suitable for use with electrical systems in which the voltage supplied to the unit terminals is not below or above the listed range limits.
3. The maximum allowable voltage that is unbalanced between phases is 2%.
4. Select the wire size according to the MCA.
5. MFA is used to select the circuit breaker and the ground fault circuit interruptor.
 - Earth leakage circuit breaker

3D102733

5 Capacity tables

5 - 1 Cooling Capacity Tables

4MXM68M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]												①	②	Indoor air temperature [°C WB]																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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		kW		kW		kW		kW		kW		kW				kW		kW		kW		kW		kW		kW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
2.5+6.0	22.0	7.75	1.98	8.08	2.02	8.41	2.06	8.57	2.08	9.06	2.15	9.39	2.19	4.2+5.0	22.0	7.81	2.22	8.17	2.27	8.52	2.32	8.69	2.35	9.22	2.42	9.57	2.47	25.0	7.55	2.06	7.88	2.10	8.21	2.13	8.37	2.16	8.87	2.23	9.19	2.27	32.0	7.09	2.25	7.42	2.30	7.74	2.34	7.91	2.36	8.40	2.42	8.73	2.47	35.0	6.89	2.35	7.22	2.39	7.55	2.43	7.71	2.45	8.20	2.52	8.53	2.56	40.0	6.56	2.51	6.89	2.55	7.22	2.59	7.37	2.61	7.81	2.61	8.09	2.61	43.0	6.02	2.11	6.27	2.11	6.52	2.11	6.64	2.11	7.00	2.11	7.23	2.11	46.0	5.24	1.60	5.43	1.60	5.63	1.60	5.72	1.60	6.10	1.60	6.18	1.60	3.5+3.5	22.0	6.90	1.79	7.49	1.94	7.82	1.98	7.98	2.00	8.46	2.07	8.78	2.11	4.2+6.0	22.0	8.12	2.16	8.48	2.21	8.83	2.26	9.00	2.29	9.53	2.36	9.88	2.41	25.0	6.90	1.93	7.30	2.02	7.62	2.06	7.78	2.08	8.26	2.14	8.59	2.19	32.0	6.52	2.17	6.84	2.22	7.16	2.26	7.33	2.28	7.81	2.34	8.13	2.39	35.0	6.32	2.27	6.65	2.31	6.97	2.35	7.13	2.37	7.61	2.44	7.94	2.48	40.0	6.00	2.43	6.32	2.47	6.64	2.51	6.79	2.52	7.22	2.52	7.50	2.52	43.0	5.48	2.02	5.73	2.02	5.97	2.02	6.09	2.02	6.44	2.02	6.67	2.02	46.0	4.72	1.51	4.92	1.51	5.11	1.51	5.20	1.51	5.47	1.51	5.65	1.51	3.5+4.2	22.0	7.01	1.88	7.60	2.03	7.93	2.07	8.09	2.09	8.57	2.16	8.89	2.20	5.0+5.0	22.0	8.27	2.38	8.64	2.44	9.01	2.49	9.20	2.52	9.75	2.60	10.12	2.65	25.0	7.01	2.02	7.41	2.11	7.73	2.15	7.89	2.17	8.37	2.23	8.70	2.28	32.0	6.63	2.26	6.95	2.31	7.27	2.35	7.44	2.37	7.92	2.43	8.24	2.48	35.0	6.43	2.36	6.76	2.40	7.08	2.44	7.24	2.46	7.72	2.53	8.05	2.57	40.0	6.11	2.52	6.43	2.56	6.75	2.60	6.90	2.61	7.33	2.61	7.61	2.61	43.0	5.59	2.11	5.84	2.11	6.08	2.11	6.20	2.11	6.55	2.11	6.78	2.11	46.0	4.83	1.60	5.03	1.60	5.22	1.60	5.31	1.60	5.58	1.60	5.76	1.60	3.5+5.0	22.0	7.80	2.22	8.16	2.27	8.51	2.32	8.68	2.35	9.21	2.42	9.56	2.47	5.0+6.0	22.0	8.50	2.32	8.87	2.38	9.24	2.43	9.43	2.46	9.98	2.54	10.35	2.59	25.0	7.59	2.32	7.94	2.37	8.29	2.42	8.47	2.44	8.99	2.52	9.35	2.57	32.0	7.10	2.55	7.45	2.60	7.80	2.65	7.97	2.67	8.50	2.75	8.85	2.80	35.0	6.88	2.66	7.23	2.71	7.58	2.76	7.76	2.78	8.29	2.86	8.64	2.91	40.0	6.41	2.47	6.71	2.47	7.00	2.47	7.15	2.47	7.57	2.47	7.85	2.47	43.0	5.83	1.97	6.08	1.97	6.32	1.97	6.44	1.97	6.78	1.97	7.01	1.97	46.0	5.04	1.46	5.23	1.46	5.42	1.46	5.51	1.46	5.78	1.46	5.96	1.46	3.5+6.0	22.0	8.11	2.16	8.47	2.21	8.82	2.26	8.99	2.29	9.52	2.36	9.87	2.41	1.5+1.5+1.5	22.0	6.44	1.23	6.74	1.26	7.04	1.29	7.19	1.31	7.64	1.35	7.94	1.38	25.0	7.90	2.26	8.25	2.31	8.60	2.36	8.78	2.38	9.30	2.46	9.66	2.51	32.0	7.41	2.49	7.76	2.54	8.11	2.59	8.28	2.61	8.81	2.69	9.16	2.74	35.0	7.19	2.60	7.54	2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85	40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41	43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91	46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40	4.2+4.2	22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0	22.0	6.60	1.31	6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46	25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19	32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39	35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48	40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52	43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02	46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51
	25.0	7.55	2.06	7.88	2.10	8.21	2.13	8.37	2.16	8.87	2.23	9.19	2.27		32.0	7.09	2.25	7.42	2.30	7.74	2.34	7.91	2.36	8.40	2.42	8.73	2.47	35.0	6.89	2.35	7.22	2.39	7.55	2.43	7.71	2.45	8.20	2.52	8.53	2.56	40.0	6.56	2.51	6.89	2.55	7.22	2.59	7.37	2.61	7.81	2.61	8.09	2.61	43.0	6.02	2.11	6.27	2.11	6.52	2.11	6.64	2.11	7.00	2.11	7.23	2.11	46.0	5.24	1.60	5.43	1.60	5.63	1.60	5.72	1.60	6.10	1.60	6.18	1.60	3.5+3.5	22.0	6.90	1.79	7.49	1.94	7.82	1.98	7.98	2.00	8.46	2.07	8.78	2.11	4.2+6.0	22.0	8.12	2.16	8.48	2.21	8.83	2.26	9.00	2.29	9.53	2.36		9.88	2.41	25.0	6.90	1.93	7.30	2.02	7.62	2.06	7.78	2.08	8.26	2.14		8.59	2.19	32.0	6.52	2.17	6.84	2.22	7.16	2.26	7.33	2.28	7.81	2.34	8.13	2.39	35.0	6.32	2.27	6.65	2.31	6.97	2.35	7.13	2.37	7.61	2.44	7.94	2.48	40.0	6.00	2.43	6.32	2.47	6.64	2.51	6.79	2.52	7.22	2.52	7.50	2.52	43.0	5.48	2.02	5.73	2.02	5.97	2.02	6.09	2.02	6.44	2.02	6.67	2.02	46.0	4.72	1.51	4.92	1.51	5.11	1.51	5.20	1.51	5.47	1.51	5.65	1.51	3.5+4.2	22.0	7.01	1.88	7.60	2.03	7.93	2.07	8.09	2.09	8.57	2.16	8.89	2.20	5.0+5.0	22.0	8.27	2.38	8.64	2.44	9.01	2.49	9.20	2.52		9.75	2.60	10.12	2.65	25.0	7.01	2.02	7.41	2.11	7.73	2.15	7.89	2.17		8.37	2.23	8.70	2.28	32.0	6.63	2.26	6.95	2.31	7.27	2.35	7.44	2.37	7.92	2.43	8.24	2.48	35.0	6.43	2.36	6.76	2.40	7.08	2.44	7.24	2.46	7.72	2.53	8.05	2.57	40.0	6.11	2.52	6.43	2.56	6.75	2.60	6.90	2.61	7.33	2.61	7.61	2.61	43.0	5.59	2.11	5.84	2.11	6.08	2.11	6.20	2.11	6.55	2.11	6.78	2.11	46.0	4.83	1.60	5.03	1.60	5.22	1.60	5.31	1.60	5.58	1.60	5.76	1.60	3.5+5.0	22.0	7.80	2.22	8.16	2.27	8.51	2.32	8.68	2.35	9.21	2.42	9.56	2.47	5.0+6.0	22.0	8.50	2.32	8.87	2.38	9.24	2.43		9.43	2.46	9.98	2.54	10.35	2.59	25.0	7.59	2.32	7.94	2.37	8.29	2.42		8.47	2.44	8.99	2.52	9.35	2.57	32.0	7.10	2.55	7.45	2.60	7.80	2.65	7.97	2.67	8.50	2.75	8.85	2.80	35.0	6.88	2.66	7.23	2.71	7.58	2.76	7.76	2.78	8.29	2.86	8.64	2.91	40.0	6.41	2.47	6.71	2.47	7.00	2.47	7.15	2.47	7.57	2.47	7.85	2.47	43.0	5.83	1.97	6.08	1.97	6.32	1.97	6.44	1.97	6.78	1.97	7.01	1.97	46.0	5.04	1.46	5.23	1.46	5.42	1.46	5.51	1.46	5.78	1.46	5.96	1.46	3.5+6.0	22.0	8.11	2.16	8.47	2.21	8.82	2.26	8.99	2.29	9.52	2.36	9.87	2.41	1.5+1.5+1.5	22.0	6.44	1.23	6.74	1.26		7.04	1.29	7.19	1.31	7.64	1.35	7.94	1.38	25.0	7.90	2.26	8.25	2.31		8.60	2.36	8.78	2.38	9.30	2.46	9.66	2.51	32.0	7.41	2.49	7.76	2.54	8.11	2.59	8.28	2.61	8.81	2.69	9.16	2.74	35.0	7.19	2.60	7.54	2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85	40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41	43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91	46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40	4.2+4.2	22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0	22.0	6.60	1.31		6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46	25.0	6.91	1.93		7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19	32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39	35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48	40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52	43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02	46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																
	32.0	7.09	2.25	7.42	2.30	7.74	2.34	7.91	2.36	8.40	2.42	8.73	2.47		35.0	6.89	2.35	7.22	2.39	7.55	2.43	7.71	2.45	8.20	2.52	8.53	2.56	40.0	6.56	2.51	6.89	2.55	7.22	2.59	7.37	2.61	7.81	2.61	8.09	2.61	43.0	6.02	2.11	6.27	2.11	6.52	2.11	6.64	2.11	7.00	2.11	7.23	2.11	46.0	5.24	1.60	5.43	1.60	5.63	1.60	5.72	1.60	6.10	1.60	6.18	1.60	3.5+3.5	22.0	6.90	1.79	7.49	1.94	7.82	1.98	7.98	2.00	8.46	2.07	8.78		2.11	4.2+6.0	22.0	8.12	2.16	8.48	2.21	8.83	2.26	9.00	2.29	9.53	2.36		9.88	2.41	25.0	6.90	1.93	7.30	2.02	7.62	2.06	7.78	2.08		8.26	2.14	8.59	2.19	32.0	6.52	2.17	6.84	2.22	7.16	2.26	7.33	2.28		7.81	2.34	8.13	2.39	35.0	6.32	2.27	6.65	2.31	6.97	2.35	7.13	2.37	7.61	2.44	7.94	2.48	40.0	6.00	2.43	6.32	2.47	6.64	2.51	6.79	2.52	7.22	2.52	7.50	2.52	43.0	5.48	2.02	5.73	2.02	5.97	2.02	6.09	2.02	6.44	2.02	6.67	2.02	46.0	4.72	1.51	4.92	1.51	5.11	1.51	5.20	1.51	5.47	1.51	5.65	1.51	3.5+4.2	22.0	7.01	1.88	7.60	2.03	7.93	2.07	8.09	2.09	8.57		2.16	8.89	2.20	5.0+5.0	22.0	8.27	2.38	8.64	2.44	9.01	2.49	9.20	2.52		9.75	2.60	10.12	2.65	25.0	7.01	2.02	7.41	2.11		7.73	2.15	7.89	2.17	8.37	2.23	8.70	2.28	32.0	6.63	2.26	6.95	2.31		7.27	2.35	7.44	2.37	7.92	2.43	8.24	2.48	35.0	6.43	2.36	6.76	2.40	7.08	2.44	7.24	2.46	7.72	2.53	8.05	2.57	40.0	6.11	2.52	6.43	2.56	6.75	2.60	6.90	2.61	7.33	2.61	7.61	2.61	43.0	5.59	2.11	5.84	2.11	6.08	2.11	6.20	2.11	6.55	2.11	6.78	2.11	46.0	4.83	1.60	5.03	1.60	5.22	1.60	5.31	1.60	5.58	1.60	5.76	1.60	3.5+5.0	22.0	7.80	2.22	8.16	2.27	8.51	2.32	8.68		2.35	9.21	2.42	9.56	2.47	5.0+6.0	22.0	8.50	2.32	8.87	2.38	9.24	2.43		9.43	2.46	9.98	2.54	10.35	2.59	25.0		7.59	2.32	7.94	2.37	8.29	2.42	8.47	2.44	8.99	2.52	9.35	2.57	32.0		7.10	2.55	7.45	2.60	7.80	2.65	7.97	2.67	8.50	2.75	8.85	2.80	35.0	6.88	2.66	7.23	2.71	7.58	2.76	7.76	2.78	8.29	2.86	8.64	2.91	40.0	6.41	2.47	6.71	2.47	7.00	2.47	7.15	2.47	7.57	2.47	7.85	2.47	43.0	5.83	1.97	6.08	1.97	6.32	1.97	6.44	1.97	6.78	1.97	7.01	1.97	46.0	5.04	1.46	5.23	1.46	5.42	1.46	5.51	1.46	5.78	1.46	5.96	1.46	3.5+6.0	22.0	8.11	2.16	8.47	2.21	8.82		2.26	8.99	2.29	9.52	2.36	9.87	2.41	1.5+1.5+1.5	22.0	6.44	1.23	6.74	1.26		7.04	1.29	7.19	1.31	7.64		1.35	7.94	1.38	25.0	7.90	2.26	8.25	2.31	8.60	2.36	8.78	2.38	9.30		2.46	9.66	2.51	32.0	7.41	2.49	7.76	2.54	8.11	2.59	8.28	2.61	8.81	2.69	9.16	2.74	35.0	7.19	2.60	7.54	2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85	40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41	43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91	46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40	4.2+4.2	22.0	6.91	1.79	7.50		1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0	22.0	6.60	1.31		6.90	1.34	7.20		1.37	7.35	1.39	7.80	1.43	8.10	1.46	25.0	6.91	1.93	7.31	2.02	7.63		2.06	7.79	2.08	8.27	2.14	8.60	2.19	32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39	35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48	40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52	43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02	46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																			
	35.0	6.89	2.35	7.22	2.39	7.55	2.43	7.71	2.45	8.20	2.52	8.53	2.56		40.0	6.56	2.51	6.89	2.55	7.22	2.59	7.37	2.61	7.81	2.61	8.09	2.61	43.0	6.02	2.11	6.27	2.11	6.52	2.11	6.64	2.11	7.00	2.11	7.23	2.11	46.0	5.24	1.60	5.43	1.60	5.63	1.60	5.72	1.60	6.10	1.60	6.18	1.60	3.5+3.5	22.0	6.90	1.79	7.49	1.94	7.82	1.98	7.98	2.00	8.46	2.07	8.78		2.11	4.2+6.0	22.0	8.12	2.16	8.48	2.21	8.83	2.26	9.00	2.29	9.53		2.36		9.88	2.41	25.0	6.90	1.93	7.30	2.02	7.62	2.06	7.78	2.08		8.26	2.14	8.59	2.19	32.0	6.52	2.17	6.84	2.22	7.16	2.26		7.33	2.28	7.81	2.34	8.13	2.39	35.0	6.32	2.27	6.65	2.31	6.97	2.35		7.13	2.37	7.61	2.44	7.94	2.48	40.0	6.00	2.43	6.32	2.47	6.64	2.51	6.79	2.52	7.22	2.52	7.50	2.52	43.0	5.48	2.02	5.73	2.02	5.97	2.02	6.09	2.02	6.44	2.02	6.67	2.02	46.0	4.72	1.51	4.92	1.51	5.11	1.51	5.20	1.51	5.47	1.51	5.65	1.51	3.5+4.2	22.0	7.01	1.88	7.60	2.03	7.93	2.07	8.09	2.09	8.57		2.16	8.89	2.20	5.0+5.0	22.0	8.27	2.38	8.64	2.44	9.01		2.49	9.20	2.52		9.75	2.60	10.12	2.65	25.0	7.01	2.02	7.41	2.11		7.73	2.15	7.89	2.17	8.37	2.23	8.70	2.28	32.0		6.63	2.26	6.95	2.31	7.27	2.35	7.44	2.37	7.92	2.43	8.24	2.48	35.0		6.43	2.36	6.76	2.40	7.08	2.44	7.24	2.46	7.72	2.53	8.05	2.57	40.0	6.11	2.52	6.43	2.56	6.75	2.60	6.90	2.61	7.33	2.61	7.61	2.61	43.0	5.59	2.11	5.84	2.11	6.08	2.11	6.20	2.11	6.55	2.11	6.78	2.11	46.0	4.83	1.60	5.03	1.60	5.22	1.60	5.31	1.60	5.58	1.60	5.76	1.60	3.5+5.0	22.0	7.80	2.22	8.16	2.27	8.51	2.32	8.68		2.35	9.21	2.42	9.56	2.47	5.0+6.0	22.0	8.50		2.32	8.87	2.38	9.24	2.43		9.43	2.46	9.98	2.54	10.35	2.59	25.0		7.59	2.32	7.94	2.37	8.29	2.42	8.47		2.44	8.99	2.52	9.35	2.57	32.0	7.10	2.55	7.45	2.60	7.80	2.65	7.97		2.67	8.50	2.75	8.85	2.80	35.0	6.88	2.66	7.23	2.71	7.58	2.76	7.76	2.78	8.29	2.86	8.64	2.91	40.0	6.41	2.47	6.71	2.47	7.00	2.47	7.15	2.47	7.57	2.47	7.85	2.47	43.0	5.83	1.97	6.08	1.97	6.32	1.97	6.44	1.97	6.78	1.97	7.01	1.97	46.0	5.04	1.46	5.23	1.46	5.42	1.46	5.51	1.46	5.78	1.46	5.96	1.46	3.5+6.0	22.0	8.11	2.16	8.47	2.21	8.82		2.26	8.99	2.29	9.52	2.36	9.87		2.41	1.5+1.5+1.5	22.0	6.44	1.23	6.74	1.26		7.04	1.29	7.19	1.31	7.64		1.35	7.94	1.38	25.0	7.90		2.26	8.25	2.31	8.60	2.36	8.78	2.38	9.30	2.46	9.66	2.51	32.0	7.41		2.49	7.76	2.54	8.11	2.59	8.28	2.61	8.81	2.69	9.16	2.74	35.0	7.19	2.60	7.54	2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85	40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41	43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91	46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40	4.2+4.2	22.0	6.91	1.79	7.50		1.94	7.83	1.98	7.99		2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0	22.0	6.60	1.31		6.90	1.34	7.20		1.37	7.35	1.39		7.80	1.43	8.10	1.46	25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08		8.27	2.14	8.60	2.19	32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39	35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48	40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52	43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02	46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																						
	40.0	6.56	2.51	6.89	2.55	7.22	2.59	7.37	2.61	7.81	2.61	8.09	2.61		43.0	6.02	2.11	6.27	2.11	6.52	2.11	6.64	2.11	7.00	2.11	7.23	2.11	46.0	5.24	1.60	5.43	1.60	5.63	1.60	5.72	1.60	6.10	1.60	6.18	1.60	3.5+3.5	22.0	6.90	1.79	7.49	1.94	7.82	1.98	7.98	2.00	8.46	2.07	8.78		2.11	4.2+6.0	22.0	8.12	2.16	8.48	2.21	8.83	2.26	9.00	2.29	9.53		2.36		9.88	2.41	25.0	6.90	1.93	7.30	2.02	7.62	2.06	7.78		2.08		8.26	2.14	8.59	2.19	32.0	6.52	2.17	6.84	2.22	7.16	2.26		7.33	2.28	7.81	2.34	8.13	2.39	35.0	6.32	2.27	6.65	2.31		6.97	2.35	7.13	2.37	7.61	2.44	7.94	2.48	40.0	6.00	2.43	6.32	2.47		6.64	2.51	6.79	2.52	7.22	2.52	7.50	2.52	43.0	5.48	2.02	5.73	2.02	5.97	2.02	6.09	2.02	6.44	2.02	6.67	2.02	46.0	4.72	1.51	4.92	1.51	5.11	1.51	5.20	1.51	5.47	1.51	5.65	1.51	3.5+4.2	22.0	7.01	1.88	7.60	2.03	7.93	2.07	8.09	2.09	8.57		2.16	8.89	2.20	5.0+5.0	22.0	8.27	2.38	8.64	2.44	9.01		2.49	9.20	2.52		9.75	2.60	10.12	2.65	25.0	7.01		2.02	7.41	2.11		7.73	2.15	7.89	2.17	8.37	2.23	8.70	2.28	32.0		6.63	2.26	6.95	2.31	7.27	2.35	7.44	2.37	7.92		2.43	8.24	2.48	35.0	6.43	2.36	6.76	2.40	7.08	2.44	7.24	2.46	7.72		2.53	8.05	2.57	40.0	6.11	2.52	6.43	2.56	6.75	2.60	6.90	2.61	7.33	2.61	7.61	2.61	43.0	5.59	2.11	5.84	2.11	6.08	2.11	6.20	2.11	6.55	2.11	6.78	2.11	46.0	4.83	1.60	5.03	1.60	5.22	1.60	5.31	1.60	5.58	1.60	5.76	1.60	3.5+5.0	22.0	7.80	2.22	8.16	2.27	8.51	2.32	8.68		2.35	9.21	2.42	9.56	2.47	5.0+6.0	22.0	8.50		2.32	8.87	2.38	9.24	2.43		9.43	2.46		9.98	2.54	10.35	2.59	25.0		7.59	2.32	7.94	2.37	8.29	2.42	8.47		2.44	8.99	2.52	9.35	2.57	32.0	7.10		2.55	7.45	2.60	7.80	2.65	7.97	2.67	8.50	2.75	8.85	2.80	35.0	6.88		2.66	7.23	2.71	7.58	2.76	7.76	2.78	8.29	2.86	8.64	2.91	40.0	6.41	2.47	6.71	2.47	7.00	2.47	7.15	2.47	7.57	2.47	7.85	2.47	43.0	5.83	1.97	6.08	1.97	6.32	1.97	6.44	1.97	6.78	1.97	7.01	1.97	46.0	5.04	1.46	5.23	1.46	5.42	1.46	5.51	1.46	5.78	1.46	5.96	1.46	3.5+6.0	22.0	8.11	2.16	8.47	2.21	8.82		2.26	8.99	2.29	9.52	2.36	9.87		2.41	1.5+1.5+1.5	22.0	6.44	1.23	6.74		1.26		7.04	1.29	7.19	1.31	7.64		1.35	7.94	1.38	25.0	7.90		2.26	8.25	2.31	8.60	2.36		8.78	2.38	9.30	2.46	9.66	2.51	32.0	7.41	2.49	7.76	2.54	8.11	2.59		8.28	2.61	8.81	2.69	9.16	2.74	35.0	7.19	2.60	7.54	2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85	40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41	43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91	46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40	4.2+4.2	22.0	6.91	1.79	7.50		1.94	7.83	1.98	7.99		2.00	8.47	2.07	8.79		2.11	1.5+1.5+2.0	22.0	6.60	1.31		6.90	1.34	7.20		1.37	7.35	1.39		7.80	1.43	8.10		1.46	25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60		2.19	32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39	35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48	40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52	43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02	46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																									
	43.0	6.02	2.11	6.27	2.11	6.52	2.11	6.64	2.11	7.00	2.11	7.23	2.11		46.0	5.24	1.60	5.43	1.60	5.63	1.60	5.72	1.60	6.10	1.60	6.18	1.60	3.5+3.5	22.0	6.90	1.79	7.49	1.94	7.82	1.98	7.98	2.00	8.46	2.07	8.78		2.11	4.2+6.0	22.0	8.12	2.16	8.48	2.21	8.83	2.26	9.00	2.29	9.53		2.36		9.88	2.41	25.0	6.90	1.93	7.30	2.02	7.62	2.06	7.78		2.08		8.26	2.14	8.59	2.19	32.0	6.52	2.17	6.84	2.22	7.16		2.26		7.33	2.28	7.81	2.34	8.13	2.39	35.0	6.32	2.27	6.65	2.31		6.97	2.35	7.13	2.37	7.61	2.44	7.94	2.48	40.0	6.00	2.43		6.32	2.47	6.64	2.51	6.79	2.52	7.22	2.52	7.50	2.52	43.0	5.48	2.02		5.73	2.02	5.97	2.02	6.09	2.02	6.44	2.02	6.67	2.02	46.0	4.72	1.51	4.92	1.51	5.11	1.51	5.20	1.51	5.47	1.51	5.65	1.51	3.5+4.2	22.0	7.01	1.88	7.60	2.03	7.93	2.07	8.09	2.09	8.57		2.16	8.89	2.20	5.0+5.0	22.0	8.27	2.38	8.64	2.44	9.01		2.49	9.20	2.52		9.75	2.60	10.12	2.65	25.0	7.01		2.02	7.41	2.11		7.73	2.15	7.89	2.17	8.37	2.23		8.70	2.28	32.0		6.63	2.26	6.95	2.31	7.27	2.35	7.44	2.37	7.92		2.43	8.24	2.48	35.0	6.43	2.36	6.76	2.40	7.08		2.44	7.24	2.46	7.72	2.53	8.05	2.57	40.0	6.11	2.52	6.43	2.56	6.75		2.60	6.90	2.61	7.33	2.61	7.61	2.61	43.0	5.59	2.11	5.84	2.11	6.08	2.11	6.20	2.11	6.55	2.11	6.78	2.11	46.0	4.83	1.60	5.03	1.60	5.22	1.60	5.31	1.60	5.58	1.60	5.76	1.60	3.5+5.0	22.0	7.80	2.22	8.16	2.27	8.51	2.32	8.68		2.35	9.21	2.42	9.56	2.47	5.0+6.0	22.0	8.50		2.32	8.87	2.38	9.24	2.43		9.43	2.46		9.98	2.54	10.35	2.59	25.0		7.59	2.32		7.94	2.37	8.29	2.42	8.47		2.44	8.99	2.52	9.35	2.57	32.0	7.10		2.55	7.45	2.60	7.80	2.65	7.97	2.67		8.50	2.75	8.85	2.80	35.0	6.88	2.66	7.23	2.71	7.58	2.76	7.76	2.78		8.29	2.86	8.64	2.91	40.0	6.41	2.47	6.71	2.47	7.00	2.47	7.15	2.47	7.57	2.47	7.85	2.47	43.0	5.83	1.97	6.08	1.97	6.32	1.97	6.44	1.97	6.78	1.97	7.01	1.97	46.0	5.04	1.46	5.23	1.46	5.42	1.46	5.51	1.46	5.78	1.46	5.96	1.46	3.5+6.0	22.0	8.11	2.16	8.47	2.21	8.82		2.26	8.99	2.29	9.52	2.36	9.87		2.41	1.5+1.5+1.5	22.0	6.44	1.23	6.74		1.26		7.04	1.29	7.19	1.31		7.64		1.35	7.94	1.38	25.0	7.90		2.26	8.25	2.31	8.60	2.36		8.78	2.38	9.30	2.46	9.66		2.51	32.0	7.41	2.49	7.76	2.54	8.11	2.59	8.28	2.61	8.81	2.69	9.16		2.74	35.0	7.19	2.60	7.54	2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85	40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41	43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91	46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40	4.2+4.2	22.0	6.91	1.79	7.50		1.94	7.83	1.98	7.99		2.00	8.47	2.07	8.79		2.11	1.5+1.5+2.0	22.0	6.60		1.31		6.90	1.34	7.20		1.37	7.35	1.39		7.80	1.43	8.10		1.46	25.0	6.91		1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19	32.0	6.53		2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39	35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48	40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52	43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02	46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																												
	46.0	5.24	1.60	5.43	1.60	5.63	1.60	5.72	1.60	6.10	1.60	6.18	1.60		3.5+3.5	22.0	6.90	1.79	7.49	1.94	7.82	1.98	7.98	2.00	8.46	2.07	8.78		2.11	4.2+6.0	22.0	8.12	2.16	8.48	2.21	8.83	2.26	9.00	2.29	9.53		2.36		9.88	2.41	25.0	6.90	1.93	7.30	2.02	7.62	2.06	7.78		2.08		8.26	2.14	8.59	2.19	32.0	6.52	2.17	6.84	2.22	7.16		2.26		7.33	2.28	7.81	2.34	8.13	2.39	35.0	6.32	2.27	6.65		2.31		6.97	2.35	7.13	2.37	7.61	2.44	7.94	2.48	40.0	6.00	2.43		6.32	2.47	6.64	2.51	6.79	2.52	7.22	2.52	7.50	2.52	43.0		5.48	2.02	5.73	2.02	5.97	2.02	6.09	2.02	6.44	2.02	6.67	2.02	46.0		4.72	1.51	4.92	1.51	5.11	1.51	5.20	1.51	5.47	1.51	5.65	1.51	3.5+4.2	22.0	7.01	1.88	7.60	2.03	7.93	2.07	8.09	2.09	8.57		2.16	8.89	2.20	5.0+5.0	22.0	8.27	2.38	8.64	2.44	9.01		2.49	9.20	2.52		9.75	2.60	10.12	2.65	25.0	7.01		2.02	7.41	2.11		7.73	2.15	7.89	2.17	8.37	2.23		8.70	2.28	32.0		6.63	2.26	6.95	2.31	7.27	2.35		7.44	2.37	7.92		2.43	8.24	2.48	35.0	6.43	2.36	6.76	2.40	7.08		2.44	7.24	2.46	7.72	2.53	8.05	2.57	40.0	6.11		2.52	6.43	2.56	6.75	2.60	6.90	2.61	7.33	2.61	7.61	2.61	43.0	5.59		2.11	5.84	2.11	6.08	2.11	6.20	2.11	6.55	2.11	6.78	2.11	46.0	4.83	1.60	5.03	1.60	5.22	1.60	5.31	1.60	5.58	1.60	5.76	1.60	3.5+5.0	22.0	7.80	2.22	8.16	2.27	8.51	2.32	8.68		2.35	9.21	2.42	9.56	2.47	5.0+6.0	22.0	8.50		2.32	8.87	2.38	9.24	2.43		9.43	2.46		9.98	2.54	10.35	2.59	25.0		7.59	2.32		7.94	2.37	8.29	2.42	8.47		2.44	8.99		2.52	9.35	2.57	32.0	7.10		2.55	7.45	2.60	7.80	2.65	7.97	2.67		8.50	2.75	8.85	2.80	35.0	6.88	2.66		7.23	2.71	7.58	2.76	7.76	2.78	8.29	2.86	8.64	2.91	40.0	6.41	2.47		6.71	2.47	7.00	2.47	7.15	2.47	7.57	2.47	7.85	2.47	43.0	5.83	1.97	6.08	1.97	6.32	1.97	6.44	1.97	6.78	1.97	7.01	1.97	46.0	5.04	1.46	5.23	1.46	5.42	1.46	5.51	1.46	5.78	1.46	5.96	1.46	3.5+6.0	22.0	8.11	2.16	8.47	2.21	8.82		2.26	8.99	2.29	9.52	2.36	9.87		2.41	1.5+1.5+1.5	22.0	6.44	1.23	6.74		1.26		7.04	1.29	7.19	1.31		7.64		1.35	7.94	1.38	25.0		7.90		2.26	8.25	2.31	8.60	2.36		8.78	2.38	9.30	2.46	9.66		2.51	32.0	7.41	2.49	7.76		2.54	8.11	2.59	8.28	2.61	8.81	2.69	9.16	2.74	35.0	7.19	2.60	7.54		2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85	40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41	43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91	46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40	4.2+4.2	22.0	6.91	1.79	7.50		1.94	7.83	1.98	7.99		2.00	8.47	2.07	8.79		2.11	1.5+1.5+2.0	22.0	6.60		1.31		6.90	1.34		7.20		1.37	7.35	1.39		7.80	1.43	8.10		1.46	25.0	6.91		1.93	7.31	2.02		7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19	32.0	6.53	2.17	6.85	2.22		7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39	35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48	40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52	43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02	46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																															
3.5+3.5	22.0	6.90	1.79	7.49	1.94	7.82	1.98	7.98	2.00	8.46	2.07	8.78	2.11	4.2+6.0		22.0	8.12	2.16	8.48	2.21	8.83	2.26	9.00	2.29	9.53	2.36	9.88		2.41		25.0	6.90	1.93	7.30	2.02	7.62	2.06	7.78	2.08	8.26		2.14		8.59	2.19	32.0	6.52	2.17	6.84	2.22	7.16	2.26	7.33		2.28		7.81	2.34	8.13	2.39	35.0	6.32	2.27	6.65	2.31	6.97		2.35		7.13	2.37	7.61	2.44	7.94	2.48	40.0	6.00	2.43	6.32		2.47		6.64	2.51	6.79	2.52	7.22	2.52	7.50	2.52	43.0	5.48	2.02		5.73	2.02	5.97	2.02	6.09	2.02	6.44	2.02	6.67	2.02	46.0	4.72	1.51	4.92	1.51	5.11	1.51	5.20	1.51	5.47	1.51	5.65	1.51	3.5+4.2	22.0	7.01	1.88	7.60	2.03	7.93	2.07	8.09	2.09	8.57	2.16	8.89	2.20	5.0+5.0		22.0	8.27	2.38	8.64	2.44	9.01	2.49	9.20	2.52	9.75		2.60	10.12	2.65		25.0	7.01	2.02	7.41	2.11	7.73		2.15	7.89	2.17		8.37	2.23	8.70	2.28	32.0	6.63		2.26	6.95	2.31		7.27	2.35	7.44	2.37	7.92	2.43		8.24	2.48	35.0		6.43	2.36	6.76	2.40	7.08	2.44		7.24	2.46	7.72		2.53	8.05	2.57	40.0	6.11	2.52	6.43	2.56	6.75		2.60	6.90	2.61	7.33	2.61	7.61	2.61	43.0	5.59	2.11	5.84	2.11	6.08	2.11	6.20	2.11	6.55	2.11	6.78	2.11	46.0	4.83	1.60	5.03	1.60	5.22	1.60	5.31	1.60	5.58	1.60	5.76	1.60	3.5+5.0	22.0	7.80	2.22	8.16	2.27	8.51	2.32	8.68	2.35	9.21	2.42	9.56	2.47	5.0+6.0		22.0	8.50	2.32	8.87	2.38	9.24	2.43	9.43		2.46	9.98	2.54	10.35	2.59		25.0	7.59		2.32	7.94	2.37	8.29	2.42		8.47	2.44		8.99	2.52	9.35	2.57	32.0		7.10	2.55		7.45	2.60	7.80	2.65	7.97		2.67	8.50		2.75	8.85	2.80	35.0	6.88		2.66	7.23	2.71	7.58	2.76	7.76	2.78		8.29	2.86	8.64	2.91	40.0	6.41	2.47	6.71	2.47	7.00	2.47	7.15	2.47	7.57	2.47	7.85	2.47	43.0	5.83	1.97	6.08	1.97	6.32	1.97	6.44	1.97	6.78	1.97	7.01	1.97	46.0	5.04	1.46	5.23	1.46	5.42	1.46	5.51	1.46	5.78	1.46	5.96	1.46	3.5+6.0	22.0	8.11	2.16	8.47	2.21	8.82	2.26	8.99	2.29	9.52	2.36	9.87	2.41	1.5+1.5+1.5		22.0	6.44	1.23	6.74	1.26	7.04		1.29	7.19	1.31	7.64	1.35	7.94		1.38		25.0	7.90	2.26	8.25		2.31		8.60	2.36	8.78	2.38		9.30		2.46	9.66	2.51	32.0		7.41		2.49	7.76	2.54	8.11	2.59		8.28	2.61	8.81	2.69	9.16		2.74	35.0	7.19	2.60	7.54	2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85	40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41	43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91	46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40	4.2+4.2	22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0		22.0	6.60	1.31	6.90		1.34	7.20	1.37	7.35		1.39	7.80	1.43	8.10		1.46		25.0	6.91		1.93		7.31	2.02		7.63		2.06	7.79	2.08		8.27	2.14	8.60		2.19	32.0	6.53		2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39	35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48	40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52	43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02	46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																														
	25.0	6.90	1.93	7.30	2.02	7.62	2.06	7.78	2.08	8.26	2.14	8.59	2.19			32.0	6.52	2.17	6.84	2.22	7.16	2.26	7.33	2.28	7.81	2.34	8.13		2.39		35.0	6.32	2.27	6.65	2.31	6.97	2.35	7.13	2.37	7.61		2.44		7.94	2.48	40.0	6.00	2.43	6.32	2.47	6.64	2.51	6.79		2.52		7.22	2.52	7.50	2.52	43.0	5.48	2.02	5.73	2.02	5.97		2.02		6.09	2.02	6.44	2.02	6.67	2.02	46.0	4.72	1.51	4.92	1.51	5.11		1.51	5.20	1.51	5.47	1.51	5.65	1.51	3.5+4.2	22.0	7.01	1.88	7.60	2.03	7.93	2.07	8.09	2.09	8.57	2.16	8.89	2.20	5.0+5.0	22.0	8.27	2.38	8.64	2.44	9.01	2.49	9.20	2.52	9.75	2.60	10.12	2.65		25.0	7.01	2.02	7.41	2.11	7.73	2.15	7.89	2.17	8.37	2.23	8.70	2.28			32.0	6.63	2.26	6.95	2.31	7.27	2.35	7.44	2.37	7.92		2.43	8.24	2.48		35.0	6.43	2.36	6.76	2.40	7.08		2.44	7.24	2.46		7.72	2.53	8.05	2.57	40.0	6.11		2.52	6.43	2.56		6.75	2.60	6.90	2.61	7.33	2.61		7.61	2.61	43.0		5.59	2.11	5.84	2.11	6.08	2.11	6.20	2.11	6.55	2.11		6.78	2.11	46.0	4.83	1.60	5.03	1.60	5.22	1.60	5.31	1.60	5.58	1.60	5.76	1.60	3.5+5.0	22.0	7.80	2.22	8.16	2.27	8.51	2.32	8.68	2.35	9.21	2.42	9.56	2.47	5.0+6.0	22.0	8.50	2.32	8.87	2.38	9.24	2.43	9.43	2.46	9.98	2.54	10.35	2.59		25.0	7.59	2.32	7.94	2.37	8.29	2.42	8.47	2.44	8.99	2.52	9.35	2.57			32.0	7.10	2.55	7.45	2.60	7.80	2.65	7.97		2.67	8.50	2.75	8.85	2.80		35.0	6.88		2.66	7.23	2.71	7.58	2.76		7.76	2.78		8.29	2.86	8.64	2.91	40.0		6.41	2.47		6.71	2.47	7.00	2.47	7.15		2.47	7.57	2.47	7.85	2.47	43.0	5.83	1.97		6.08	1.97	6.32	1.97	6.44	1.97	6.78	1.97	7.01	1.97	46.0	5.04	1.46	5.23	1.46	5.42	1.46	5.51	1.46	5.78	1.46	5.96	1.46	3.5+6.0	22.0	8.11	2.16	8.47	2.21	8.82	2.26	8.99	2.29	9.52	2.36	9.87	2.41	1.5+1.5+1.5	22.0	6.44	1.23	6.74	1.26	7.04	1.29	7.19	1.31	7.64	1.35	7.94	1.38		25.0	7.90	2.26	8.25	2.31	8.60	2.36	8.78	2.38	9.30	2.46	9.66	2.51			32.0	7.41	2.49	7.76	2.54	8.11		2.59	8.28	2.61	8.81	2.69	9.16		2.74		35.0	7.19	2.60	7.54		2.65		7.89	2.70	8.07	2.72		8.60		2.80	8.95	2.85	40.0	6.72	2.41		7.02	2.41	7.31	2.41	7.46		2.41	7.88	2.41	8.16	2.41	43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91	46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40	4.2+4.2	22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0	22.0	6.60	1.31	6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46		25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19			32.0	6.53	2.17	6.85		2.22	7.17	2.26	7.34		2.28	7.82	2.34	8.14		2.39		35.0	6.33		2.27		6.66	2.31	6.98	2.35		7.14	2.37	7.62		2.44	7.95	2.48		40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52	43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02	46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																										
	32.0	6.52	2.17	6.84	2.22	7.16	2.26	7.33	2.28	7.81	2.34	8.13	2.39			35.0	6.32	2.27	6.65	2.31	6.97	2.35	7.13	2.37	7.61	2.44	7.94		2.48		40.0	6.00	2.43	6.32	2.47	6.64	2.51	6.79	2.52	7.22		2.52		7.50	2.52	43.0	5.48	2.02	5.73	2.02	5.97	2.02	6.09		2.02		6.44	2.02	6.67	2.02	46.0	4.72	1.51	4.92	1.51	5.11	1.51	5.20		1.51	5.47	1.51	5.65	1.51	3.5+4.2	22.0	7.01	1.88	7.60	2.03	7.93	2.07	8.09	2.09	8.57	2.16	8.89	2.20	5.0+5.0		22.0	8.27	2.38	8.64	2.44	9.01	2.49	9.20	2.52	9.75	2.60	10.12	2.65		25.0	7.01	2.02	7.41	2.11	7.73	2.15	7.89	2.17	8.37	2.23	8.70	2.28		32.0	6.63	2.26	6.95	2.31	7.27	2.35	7.44	2.37	7.92	2.43	8.24	2.48			35.0	6.43	2.36	6.76	2.40	7.08	2.44	7.24	2.46	7.72		2.53	8.05	2.57		40.0	6.11	2.52	6.43	2.56	6.75		2.60	6.90	2.61		7.33	2.61	7.61	2.61	43.0	5.59		2.11	5.84	2.11		6.08	2.11	6.20	2.11	6.55	2.11	6.78	2.11	46.0	4.83		1.60	5.03	1.60	5.22	1.60	5.31	1.60	5.58	1.60	5.76	1.60	3.5+5.0	22.0	7.80	2.22	8.16	2.27	8.51	2.32	8.68	2.35	9.21	2.42	9.56	2.47	5.0+6.0		22.0	8.50	2.32	8.87	2.38	9.24	2.43	9.43	2.46	9.98	2.54	10.35	2.59		25.0	7.59	2.32	7.94	2.37	8.29	2.42	8.47	2.44	8.99	2.52	9.35	2.57		32.0	7.10	2.55	7.45	2.60	7.80	2.65	7.97	2.67	8.50	2.75	8.85	2.80			35.0	6.88	2.66	7.23	2.71	7.58	2.76	7.76		2.78	8.29	2.86	8.64	2.91		40.0	6.41		2.47	6.71	2.47	7.00	2.47		7.15	2.47		7.57	2.47	7.85	2.47	43.0		5.83	1.97	6.08	1.97	6.32	1.97	6.44	1.97		6.78	1.97	7.01	1.97	46.0	5.04	1.46	5.23	1.46	5.42	1.46	5.51	1.46	5.78	1.46	5.96	1.46	3.5+6.0	22.0	8.11	2.16	8.47	2.21	8.82	2.26	8.99	2.29	9.52	2.36	9.87	2.41	1.5+1.5+1.5		22.0	6.44	1.23	6.74	1.26	7.04	1.29	7.19	1.31	7.64	1.35	7.94	1.38		25.0	7.90	2.26	8.25	2.31	8.60	2.36	8.78	2.38	9.30	2.46	9.66	2.51		32.0	7.41	2.49	7.76	2.54	8.11	2.59	8.28	2.61	8.81	2.69	9.16	2.74			35.0	7.19	2.60	7.54	2.65	7.89		2.70	8.07	2.72	8.60	2.80	8.95		2.85		40.0	6.72	2.41	7.02		2.41		7.31	2.41	7.46	2.41	7.88	2.41		8.16	2.41	43.0	6.14	1.91	6.39		1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91	46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40	4.2+4.2	22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0		22.0	6.60	1.31	6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46		25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19		32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39			35.0	6.33	2.27	6.66		2.31	6.98	2.35	7.14		2.37	7.62	2.44	7.95		2.48		40.0	6.01	2.43	6.33		2.47	6.65	2.51	6.80		2.52	7.23	2.52		7.51	2.52	43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02	46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																									
	35.0	6.32	2.27	6.65	2.31	6.97	2.35	7.13	2.37	7.61	2.44	7.94	2.48			40.0	6.00	2.43	6.32	2.47	6.64	2.51	6.79	2.52	7.22	2.52	7.50		2.52		43.0	5.48	2.02	5.73	2.02	5.97	2.02	6.09	2.02	6.44		2.02		6.67	2.02	46.0	4.72	1.51	4.92	1.51	5.11	1.51	5.20	1.51	5.47		1.51	5.65	1.51	3.5+4.2	22.0	7.01	1.88	7.60	2.03	7.93	2.07	8.09	2.09	8.57	2.16	8.89	2.20	5.0+5.0		22.0	8.27	2.38	8.64	2.44	9.01	2.49	9.20	2.52	9.75	2.60	10.12	2.65			25.0	7.01	2.02	7.41	2.11	7.73	2.15	7.89	2.17	8.37	2.23	8.70	2.28		32.0	6.63	2.26	6.95	2.31	7.27	2.35	7.44	2.37	7.92	2.43	8.24	2.48		35.0	6.43	2.36	6.76	2.40	7.08	2.44	7.24	2.46	7.72	2.53	8.05	2.57			40.0	6.11	2.52	6.43	2.56	6.75	2.60	6.90	2.61	7.33		2.61	7.61	2.61		43.0	5.59	2.11	5.84	2.11	6.08		2.11	6.20	2.11		6.55	2.11	6.78	2.11	46.0	4.83	1.60	5.03	1.60	5.22		1.60	5.31	1.60	5.58	1.60	5.76	1.60	3.5+5.0	22.0	7.80	2.22	8.16	2.27	8.51	2.32	8.68	2.35	9.21	2.42	9.56	2.47	5.0+6.0		22.0	8.50	2.32	8.87	2.38	9.24	2.43	9.43	2.46	9.98	2.54	10.35	2.59			25.0	7.59	2.32	7.94	2.37	8.29	2.42	8.47	2.44	8.99	2.52	9.35	2.57		32.0	7.10	2.55	7.45	2.60	7.80	2.65	7.97	2.67	8.50	2.75	8.85	2.80		35.0	6.88	2.66	7.23	2.71	7.58	2.76	7.76	2.78	8.29	2.86	8.64	2.91			40.0	6.41	2.47	6.71	2.47	7.00	2.47	7.15		2.47	7.57	2.47	7.85	2.47		43.0	5.83		1.97	6.08	1.97	6.32	1.97		6.44	1.97	6.78	1.97	7.01	1.97	46.0	5.04		1.46	5.23	1.46	5.42	1.46	5.51	1.46	5.78	1.46	5.96	1.46	3.5+6.0	22.0	8.11	2.16	8.47	2.21	8.82	2.26	8.99	2.29	9.52	2.36	9.87	2.41	1.5+1.5+1.5		22.0	6.44	1.23	6.74	1.26	7.04	1.29	7.19	1.31	7.64	1.35	7.94	1.38			25.0	7.90	2.26	8.25	2.31	8.60	2.36	8.78	2.38	9.30	2.46	9.66	2.51		32.0	7.41	2.49	7.76	2.54	8.11	2.59	8.28	2.61	8.81	2.69	9.16	2.74		35.0	7.19	2.60	7.54	2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85			40.0	6.72	2.41	7.02	2.41	7.31		2.41	7.46	2.41	7.88	2.41	8.16		2.41		43.0	6.14	1.91	6.39	1.91	6.63		1.91	6.75	1.91	7.09	1.91	7.32		1.91	46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40	4.2+4.2	22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0		22.0	6.60	1.31	6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46			25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19		32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39		35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48			40.0	6.01	2.43	6.33		2.47	6.65	2.51	6.80		2.52	7.23	2.52	7.51	2.52	43.0		5.49	2.02	5.74	2.02		5.98	2.02	6.10	2.02		6.45	2.02	6.68	2.02	46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																								
	40.0	6.00	2.43	6.32	2.47	6.64	2.51	6.79	2.52	7.22	2.52	7.50	2.52			43.0	5.48	2.02	5.73	2.02	5.97	2.02	6.09	2.02	6.44	2.02	6.67		2.02		46.0	4.72	1.51	4.92	1.51	5.11	1.51	5.20	1.51	5.47	1.51	5.65		1.51	3.5+4.2	22.0	7.01	1.88	7.60	2.03	7.93	2.07	8.09	2.09	8.57	2.16	8.89	2.20	5.0+5.0		22.0	8.27	2.38	8.64	2.44	9.01	2.49	9.20	2.52	9.75	2.60	10.12	2.65			25.0	7.01	2.02	7.41	2.11	7.73	2.15	7.89	2.17	8.37	2.23	8.70	2.28			32.0	6.63	2.26	6.95	2.31	7.27	2.35	7.44	2.37	7.92	2.43	8.24	2.48		35.0	6.43	2.36	6.76	2.40	7.08	2.44	7.24	2.46	7.72	2.53	8.05	2.57		40.0	6.11	2.52	6.43	2.56	6.75	2.60	6.90	2.61	7.33	2.61	7.61	2.61			43.0	5.59	2.11	5.84	2.11	6.08	2.11	6.20	2.11	6.55		2.11	6.78	2.11		46.0	4.83	1.60	5.03	1.60	5.22	1.60	5.31	1.60	5.58		1.60	5.76	1.60	3.5+5.0	22.0	7.80	2.22	8.16	2.27	8.51	2.32	8.68	2.35	9.21	2.42	9.56	2.47	5.0+6.0		22.0	8.50	2.32	8.87	2.38	9.24	2.43	9.43	2.46	9.98	2.54	10.35	2.59			25.0	7.59	2.32	7.94	2.37	8.29	2.42	8.47	2.44	8.99	2.52	9.35	2.57			32.0	7.10	2.55	7.45	2.60	7.80	2.65	7.97	2.67	8.50	2.75	8.85	2.80		35.0	6.88	2.66	7.23	2.71	7.58	2.76	7.76	2.78	8.29	2.86	8.64	2.91		40.0	6.41	2.47	6.71	2.47	7.00	2.47	7.15	2.47	7.57	2.47	7.85	2.47			43.0	5.83	1.97	6.08	1.97	6.32	1.97	6.44		1.97	6.78	1.97	7.01	1.97		46.0	5.04	1.46	5.23	1.46	5.42	1.46	5.51		1.46	5.78	1.46	5.96	1.46	3.5+6.0	22.0	8.11	2.16	8.47	2.21	8.82	2.26	8.99	2.29	9.52	2.36	9.87	2.41	1.5+1.5+1.5		22.0	6.44	1.23	6.74	1.26	7.04	1.29	7.19	1.31	7.64	1.35	7.94	1.38			25.0	7.90	2.26	8.25	2.31	8.60	2.36	8.78	2.38	9.30	2.46	9.66	2.51			32.0	7.41	2.49	7.76	2.54	8.11	2.59	8.28	2.61	8.81	2.69	9.16	2.74		35.0	7.19	2.60	7.54	2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85		40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41			43.0	6.14	1.91	6.39	1.91	6.63		1.91	6.75	1.91	7.09	1.91	7.32	1.91	46.0		5.35	1.40	5.54	1.40	5.73	1.40		5.82	1.40	6.09	1.40	6.27	1.40	4.2+4.2	22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0		22.0	6.60	1.31	6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46			25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19			32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39		35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48		40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52			43.0	5.49	2.02	5.74		2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02	46.0	4.73		1.51	4.93	1.51	5.12		1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																							
	43.0	5.48	2.02	5.73	2.02	5.97	2.02	6.09	2.02	6.44	2.02	6.67	2.02			46.0	4.72	1.51	4.92	1.51	5.11	1.51	5.20	1.51	5.47	1.51	5.65	1.51	3.5+4.2		22.0	7.01	1.88	7.60	2.03	7.93	2.07	8.09	2.09	8.57	2.16	8.89	2.20	5.0+5.0		22.0	8.27	2.38	8.64	2.44	9.01	2.49	9.20	2.52	9.75	2.60	10.12	2.65			25.0	7.01	2.02	7.41	2.11	7.73	2.15	7.89	2.17	8.37	2.23	8.70	2.28			32.0	6.63	2.26	6.95	2.31	7.27	2.35	7.44	2.37	7.92	2.43	8.24	2.48			35.0	6.43	2.36	6.76	2.40	7.08	2.44	7.24	2.46	7.72	2.53	8.05	2.57		40.0	6.11	2.52	6.43	2.56	6.75	2.60	6.90	2.61	7.33	2.61	7.61	2.61		43.0	5.59	2.11	5.84	2.11	6.08	2.11	6.20	2.11	6.55	2.11	6.78	2.11			46.0	4.83	1.60	5.03	1.60	5.22	1.60	5.31	1.60	5.58	1.60	5.76	1.60	3.5+5.0		22.0	7.80	2.22	8.16	2.27	8.51	2.32	8.68	2.35	9.21	2.42	9.56	2.47	5.0+6.0		22.0	8.50	2.32	8.87	2.38	9.24	2.43	9.43	2.46	9.98	2.54	10.35	2.59			25.0	7.59	2.32	7.94	2.37	8.29	2.42	8.47	2.44	8.99	2.52	9.35	2.57			32.0	7.10	2.55	7.45	2.60	7.80	2.65	7.97	2.67	8.50	2.75	8.85	2.80			35.0	6.88	2.66	7.23	2.71	7.58	2.76	7.76	2.78	8.29	2.86	8.64	2.91		40.0	6.41	2.47	6.71	2.47	7.00	2.47	7.15	2.47	7.57	2.47	7.85	2.47		43.0	5.83	1.97	6.08	1.97	6.32	1.97	6.44	1.97	6.78	1.97	7.01	1.97			46.0	5.04	1.46	5.23	1.46	5.42	1.46	5.51	1.46	5.78	1.46	5.96	1.46	3.5+6.0		22.0	8.11	2.16	8.47	2.21	8.82	2.26	8.99	2.29	9.52	2.36	9.87	2.41	1.5+1.5+1.5		22.0	6.44	1.23	6.74	1.26	7.04	1.29	7.19	1.31	7.64	1.35	7.94	1.38			25.0	7.90	2.26	8.25	2.31	8.60	2.36	8.78	2.38	9.30	2.46	9.66	2.51			32.0	7.41	2.49	7.76	2.54	8.11	2.59	8.28	2.61	8.81	2.69	9.16	2.74			35.0	7.19	2.60	7.54	2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85		40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41		43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91			46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40	4.2+4.2	22.0		6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0		22.0	6.60	1.31	6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46			25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19			32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39			35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48		40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52		43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02			46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																							
	46.0	4.72	1.51	4.92	1.51	5.11	1.51	5.20	1.51	5.47	1.51	5.65	1.51		3.5+4.2	22.0	7.01	1.88	7.60	2.03	7.93	2.07	8.09	2.09	8.57	2.16	8.89	2.20		5.0+5.0	22.0	8.27	2.38	8.64	2.44	9.01	2.49	9.20	2.52	9.75	2.60	10.12	2.65			25.0	7.01	2.02	7.41	2.11	7.73	2.15	7.89	2.17	8.37	2.23	8.70	2.28			32.0	6.63	2.26	6.95	2.31	7.27	2.35	7.44	2.37	7.92	2.43	8.24	2.48			35.0	6.43	2.36	6.76	2.40	7.08	2.44	7.24	2.46	7.72	2.53	8.05	2.57			40.0	6.11	2.52	6.43	2.56	6.75	2.60	6.90	2.61	7.33	2.61	7.61	2.61		43.0	5.59	2.11	5.84	2.11	6.08	2.11	6.20	2.11	6.55	2.11	6.78	2.11		46.0	4.83	1.60	5.03	1.60	5.22	1.60	5.31	1.60	5.58	1.60	5.76	1.60		3.5+5.0	22.0	7.80	2.22	8.16	2.27	8.51	2.32	8.68	2.35	9.21	2.42	9.56	2.47		5.0+6.0	22.0	8.50	2.32	8.87	2.38	9.24	2.43	9.43	2.46	9.98	2.54	10.35	2.59			25.0	7.59	2.32	7.94	2.37	8.29	2.42	8.47	2.44	8.99	2.52	9.35	2.57			32.0	7.10	2.55	7.45	2.60	7.80	2.65	7.97	2.67	8.50	2.75	8.85	2.80			35.0	6.88	2.66	7.23	2.71	7.58	2.76	7.76	2.78	8.29	2.86	8.64	2.91			40.0	6.41	2.47	6.71	2.47	7.00	2.47	7.15	2.47	7.57	2.47	7.85	2.47		43.0	5.83	1.97	6.08	1.97	6.32	1.97	6.44	1.97	6.78	1.97	7.01	1.97		46.0	5.04	1.46	5.23	1.46	5.42	1.46	5.51	1.46	5.78	1.46	5.96	1.46		3.5+6.0	22.0	8.11	2.16	8.47	2.21	8.82	2.26	8.99	2.29	9.52	2.36	9.87	2.41		1.5+1.5+1.5	22.0	6.44	1.23	6.74	1.26	7.04	1.29	7.19	1.31	7.64	1.35	7.94	1.38			25.0	7.90	2.26	8.25	2.31	8.60	2.36	8.78	2.38	9.30	2.46	9.66	2.51			32.0	7.41	2.49	7.76	2.54	8.11	2.59	8.28	2.61	8.81	2.69	9.16	2.74			35.0	7.19	2.60	7.54	2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85			40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41		43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91		46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40		4.2+4.2	22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11		1.5+1.5+2.0	22.0	6.60	1.31	6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46			25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19			32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39			35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48			40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52		43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02		46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																																						
3.5+4.2	22.0	7.01	1.88	7.60	2.03	7.93	2.07	8.09	2.09	8.57	2.16	8.89	2.20	5.0+5.0		22.0	8.27	2.38	8.64	2.44	9.01	2.49	9.20	2.52	9.75	2.60	10.12	2.65			25.0	7.01	2.02	7.41	2.11	7.73	2.15	7.89	2.17	8.37	2.23	8.70	2.28			32.0	6.63	2.26	6.95	2.31	7.27	2.35	7.44	2.37	7.92	2.43	8.24	2.48			35.0	6.43	2.36	6.76	2.40	7.08	2.44	7.24	2.46	7.72	2.53	8.05	2.57			40.0	6.11	2.52	6.43	2.56	6.75	2.60	6.90	2.61	7.33	2.61	7.61	2.61			43.0	5.59	2.11	5.84	2.11	6.08	2.11	6.20	2.11	6.55	2.11	6.78	2.11		46.0	4.83	1.60	5.03	1.60	5.22	1.60	5.31	1.60	5.58	1.60	5.76	1.60	3.5+5.0	22.0	7.80	2.22	8.16	2.27	8.51	2.32	8.68	2.35	9.21	2.42	9.56	2.47	5.0+6.0		22.0	8.50	2.32	8.87	2.38	9.24	2.43	9.43	2.46	9.98	2.54	10.35	2.59			25.0	7.59	2.32	7.94	2.37	8.29	2.42	8.47	2.44	8.99	2.52	9.35	2.57			32.0	7.10	2.55	7.45	2.60	7.80	2.65	7.97	2.67	8.50	2.75	8.85	2.80			35.0	6.88	2.66	7.23	2.71	7.58	2.76	7.76	2.78	8.29	2.86	8.64	2.91			40.0	6.41	2.47	6.71	2.47	7.00	2.47	7.15	2.47	7.57	2.47	7.85	2.47			43.0	5.83	1.97	6.08	1.97	6.32	1.97	6.44	1.97	6.78	1.97	7.01	1.97		46.0	5.04	1.46	5.23	1.46	5.42	1.46	5.51	1.46	5.78	1.46	5.96	1.46	3.5+6.0	22.0	8.11	2.16	8.47	2.21	8.82	2.26	8.99	2.29	9.52	2.36	9.87	2.41	1.5+1.5+1.5		22.0	6.44	1.23	6.74	1.26	7.04	1.29	7.19	1.31	7.64	1.35	7.94	1.38			25.0	7.90	2.26	8.25	2.31	8.60	2.36	8.78	2.38	9.30	2.46	9.66	2.51			32.0	7.41	2.49	7.76	2.54	8.11	2.59	8.28	2.61	8.81	2.69	9.16	2.74			35.0	7.19	2.60	7.54	2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85			40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41			43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91		46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40	4.2+4.2	22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0		22.0	6.60	1.31	6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46			25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19			32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39			35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48			40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52			43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02		46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																																																				
	25.0	7.01	2.02	7.41	2.11	7.73	2.15	7.89	2.17	8.37	2.23	8.70	2.28			32.0	6.63	2.26	6.95	2.31	7.27	2.35	7.44	2.37	7.92	2.43	8.24	2.48			35.0	6.43	2.36	6.76	2.40	7.08	2.44	7.24	2.46	7.72	2.53	8.05	2.57			40.0	6.11	2.52	6.43	2.56	6.75	2.60	6.90	2.61	7.33	2.61	7.61	2.61			43.0	5.59	2.11	5.84	2.11	6.08	2.11	6.20	2.11	6.55	2.11	6.78	2.11			46.0	4.83	1.60	5.03	1.60	5.22	1.60	5.31	1.60	5.58	1.60	5.76	1.60		3.5+5.0	22.0	7.80	2.22	8.16	2.27	8.51	2.32	8.68	2.35	9.21	2.42	9.56	2.47	5.0+6.0	22.0	8.50	2.32	8.87	2.38	9.24	2.43	9.43	2.46	9.98	2.54	10.35	2.59		25.0	7.59	2.32	7.94	2.37	8.29	2.42	8.47	2.44	8.99	2.52	9.35	2.57			32.0	7.10	2.55	7.45	2.60	7.80	2.65	7.97	2.67	8.50	2.75	8.85	2.80			35.0	6.88	2.66	7.23	2.71	7.58	2.76	7.76	2.78	8.29	2.86	8.64	2.91			40.0	6.41	2.47	6.71	2.47	7.00	2.47	7.15	2.47	7.57	2.47	7.85	2.47			43.0	5.83	1.97	6.08	1.97	6.32	1.97	6.44	1.97	6.78	1.97	7.01	1.97			46.0	5.04	1.46	5.23	1.46	5.42	1.46	5.51	1.46	5.78	1.46	5.96	1.46		3.5+6.0	22.0	8.11	2.16	8.47	2.21	8.82	2.26	8.99	2.29	9.52	2.36	9.87	2.41	1.5+1.5+1.5	22.0	6.44	1.23	6.74	1.26	7.04	1.29	7.19	1.31	7.64	1.35	7.94	1.38		25.0	7.90	2.26	8.25	2.31	8.60	2.36	8.78	2.38	9.30	2.46	9.66	2.51			32.0	7.41	2.49	7.76	2.54	8.11	2.59	8.28	2.61	8.81	2.69	9.16	2.74			35.0	7.19	2.60	7.54	2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85			40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41			43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91			46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40		4.2+4.2	22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0	22.0	6.60	1.31	6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46		25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19			32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39			35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48			40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52			43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02			46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																																																																																	
	32.0	6.63	2.26	6.95	2.31	7.27	2.35	7.44	2.37	7.92	2.43	8.24	2.48			35.0	6.43	2.36	6.76	2.40	7.08	2.44	7.24	2.46	7.72	2.53	8.05	2.57			40.0	6.11	2.52	6.43	2.56	6.75	2.60	6.90	2.61	7.33	2.61	7.61	2.61			43.0	5.59	2.11	5.84	2.11	6.08	2.11	6.20	2.11	6.55	2.11	6.78	2.11			46.0	4.83	1.60	5.03	1.60	5.22	1.60	5.31	1.60	5.58	1.60	5.76	1.60		3.5+5.0	22.0	7.80	2.22	8.16	2.27	8.51	2.32	8.68	2.35	9.21	2.42	9.56	2.47	5.0+6.0		22.0	8.50	2.32	8.87	2.38	9.24	2.43	9.43	2.46	9.98	2.54	10.35	2.59		25.0	7.59	2.32	7.94	2.37	8.29	2.42	8.47	2.44	8.99	2.52	9.35	2.57		32.0	7.10	2.55	7.45	2.60	7.80	2.65	7.97	2.67	8.50	2.75	8.85	2.80			35.0	6.88	2.66	7.23	2.71	7.58	2.76	7.76	2.78	8.29	2.86	8.64	2.91			40.0	6.41	2.47	6.71	2.47	7.00	2.47	7.15	2.47	7.57	2.47	7.85	2.47			43.0	5.83	1.97	6.08	1.97	6.32	1.97	6.44	1.97	6.78	1.97	7.01	1.97			46.0	5.04	1.46	5.23	1.46	5.42	1.46	5.51	1.46	5.78	1.46	5.96	1.46		3.5+6.0	22.0	8.11	2.16	8.47	2.21	8.82	2.26	8.99	2.29	9.52	2.36	9.87	2.41	1.5+1.5+1.5		22.0	6.44	1.23	6.74	1.26	7.04	1.29	7.19	1.31	7.64	1.35	7.94	1.38		25.0	7.90	2.26	8.25	2.31	8.60	2.36	8.78	2.38	9.30	2.46	9.66	2.51		32.0	7.41	2.49	7.76	2.54	8.11	2.59	8.28	2.61	8.81	2.69	9.16	2.74			35.0	7.19	2.60	7.54	2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85			40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41			43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91			46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40		4.2+4.2	22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0		22.0	6.60	1.31	6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46		25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19		32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39			35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48			40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52			43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02			46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																																																																																																
	35.0	6.43	2.36	6.76	2.40	7.08	2.44	7.24	2.46	7.72	2.53	8.05	2.57			40.0	6.11	2.52	6.43	2.56	6.75	2.60	6.90	2.61	7.33	2.61	7.61	2.61			43.0	5.59	2.11	5.84	2.11	6.08	2.11	6.20	2.11	6.55	2.11	6.78	2.11			46.0	4.83	1.60	5.03	1.60	5.22	1.60	5.31	1.60	5.58	1.60	5.76	1.60		3.5+5.0	22.0	7.80	2.22	8.16	2.27	8.51	2.32	8.68	2.35	9.21	2.42	9.56	2.47	5.0+6.0		22.0	8.50	2.32	8.87	2.38	9.24	2.43	9.43	2.46	9.98	2.54	10.35	2.59			25.0	7.59	2.32	7.94	2.37	8.29	2.42	8.47	2.44	8.99	2.52	9.35	2.57		32.0	7.10	2.55	7.45	2.60	7.80	2.65	7.97	2.67	8.50	2.75	8.85	2.80		35.0	6.88	2.66	7.23	2.71	7.58	2.76	7.76	2.78	8.29	2.86	8.64	2.91			40.0	6.41	2.47	6.71	2.47	7.00	2.47	7.15	2.47	7.57	2.47	7.85	2.47			43.0	5.83	1.97	6.08	1.97	6.32	1.97	6.44	1.97	6.78	1.97	7.01	1.97			46.0	5.04	1.46	5.23	1.46	5.42	1.46	5.51	1.46	5.78	1.46	5.96	1.46		3.5+6.0	22.0	8.11	2.16	8.47	2.21	8.82	2.26	8.99	2.29	9.52	2.36	9.87	2.41	1.5+1.5+1.5		22.0	6.44	1.23	6.74	1.26	7.04	1.29	7.19	1.31	7.64	1.35	7.94	1.38			25.0	7.90	2.26	8.25	2.31	8.60	2.36	8.78	2.38	9.30	2.46	9.66	2.51		32.0	7.41	2.49	7.76	2.54	8.11	2.59	8.28	2.61	8.81	2.69	9.16	2.74		35.0	7.19	2.60	7.54	2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85			40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41			43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91			46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40		4.2+4.2	22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0		22.0	6.60	1.31	6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46			25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19		32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39		35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48			40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52			43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02			46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																																																																																																															
	40.0	6.11	2.52	6.43	2.56	6.75	2.60	6.90	2.61	7.33	2.61	7.61	2.61			43.0	5.59	2.11	5.84	2.11	6.08	2.11	6.20	2.11	6.55	2.11	6.78	2.11			46.0	4.83	1.60	5.03	1.60	5.22	1.60	5.31	1.60	5.58	1.60	5.76	1.60		3.5+5.0	22.0	7.80	2.22	8.16	2.27	8.51	2.32	8.68	2.35	9.21	2.42	9.56	2.47	5.0+6.0		22.0	8.50	2.32	8.87	2.38	9.24	2.43	9.43	2.46	9.98	2.54	10.35	2.59			25.0	7.59	2.32	7.94	2.37	8.29	2.42	8.47	2.44	8.99	2.52	9.35	2.57			32.0	7.10	2.55	7.45	2.60	7.80	2.65	7.97	2.67	8.50	2.75	8.85	2.80		35.0	6.88	2.66	7.23	2.71	7.58	2.76	7.76	2.78	8.29	2.86	8.64	2.91		40.0	6.41	2.47	6.71	2.47	7.00	2.47	7.15	2.47	7.57	2.47	7.85	2.47			43.0	5.83	1.97	6.08	1.97	6.32	1.97	6.44	1.97	6.78	1.97	7.01	1.97			46.0	5.04	1.46	5.23	1.46	5.42	1.46	5.51	1.46	5.78	1.46	5.96	1.46		3.5+6.0	22.0	8.11	2.16	8.47	2.21	8.82	2.26	8.99	2.29	9.52	2.36	9.87	2.41	1.5+1.5+1.5		22.0	6.44	1.23	6.74	1.26	7.04	1.29	7.19	1.31	7.64	1.35	7.94	1.38			25.0	7.90	2.26	8.25	2.31	8.60	2.36	8.78	2.38	9.30	2.46	9.66	2.51			32.0	7.41	2.49	7.76	2.54	8.11	2.59	8.28	2.61	8.81	2.69	9.16	2.74		35.0	7.19	2.60	7.54	2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85		40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41			43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91			46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40		4.2+4.2	22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0		22.0	6.60	1.31	6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46			25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19			32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39		35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48		40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52			43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02			46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																																																																																																																														
	43.0	5.59	2.11	5.84	2.11	6.08	2.11	6.20	2.11	6.55	2.11	6.78	2.11			46.0	4.83	1.60	5.03	1.60	5.22	1.60	5.31	1.60	5.58	1.60	5.76	1.60	3.5+5.0		22.0	7.80	2.22	8.16	2.27	8.51	2.32	8.68	2.35	9.21	2.42	9.56	2.47	5.0+6.0		22.0	8.50	2.32	8.87	2.38	9.24	2.43	9.43	2.46	9.98	2.54	10.35	2.59			25.0	7.59	2.32	7.94	2.37	8.29	2.42	8.47	2.44	8.99	2.52	9.35	2.57			32.0	7.10	2.55	7.45	2.60	7.80	2.65	7.97	2.67	8.50	2.75	8.85	2.80			35.0	6.88	2.66	7.23	2.71	7.58	2.76	7.76	2.78	8.29	2.86	8.64	2.91		40.0	6.41	2.47	6.71	2.47	7.00	2.47	7.15	2.47	7.57	2.47	7.85	2.47		43.0	5.83	1.97	6.08	1.97	6.32	1.97	6.44	1.97	6.78	1.97	7.01	1.97			46.0	5.04	1.46	5.23	1.46	5.42	1.46	5.51	1.46	5.78	1.46	5.96	1.46	3.5+6.0		22.0	8.11	2.16	8.47	2.21	8.82	2.26	8.99	2.29	9.52	2.36	9.87	2.41	1.5+1.5+1.5		22.0	6.44	1.23	6.74	1.26	7.04	1.29	7.19	1.31	7.64	1.35	7.94	1.38			25.0	7.90	2.26	8.25	2.31	8.60	2.36	8.78	2.38	9.30	2.46	9.66	2.51			32.0	7.41	2.49	7.76	2.54	8.11	2.59	8.28	2.61	8.81	2.69	9.16	2.74			35.0	7.19	2.60	7.54	2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85		40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41		43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91			46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40	4.2+4.2		22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0		22.0	6.60	1.31	6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46			25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19			32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39			35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48		40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52		43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02			46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																																																																																																																																													
	46.0	4.83	1.60	5.03	1.60	5.22	1.60	5.31	1.60	5.58	1.60	5.76	1.60		3.5+5.0	22.0	7.80	2.22	8.16	2.27	8.51	2.32	8.68	2.35	9.21	2.42	9.56	2.47		5.0+6.0	22.0	8.50	2.32	8.87	2.38	9.24	2.43	9.43	2.46	9.98	2.54	10.35	2.59			25.0	7.59	2.32	7.94	2.37	8.29	2.42	8.47	2.44	8.99	2.52	9.35	2.57			32.0	7.10	2.55	7.45	2.60	7.80	2.65	7.97	2.67	8.50	2.75	8.85	2.80			35.0	6.88	2.66	7.23	2.71	7.58	2.76	7.76	2.78	8.29	2.86	8.64	2.91			40.0	6.41	2.47	6.71	2.47	7.00	2.47	7.15	2.47	7.57	2.47	7.85	2.47		43.0	5.83	1.97	6.08	1.97	6.32	1.97	6.44	1.97	6.78	1.97	7.01	1.97		46.0	5.04	1.46	5.23	1.46	5.42	1.46	5.51	1.46	5.78	1.46	5.96	1.46		3.5+6.0	22.0	8.11	2.16	8.47	2.21	8.82	2.26	8.99	2.29	9.52	2.36	9.87	2.41		1.5+1.5+1.5	22.0	6.44	1.23	6.74	1.26	7.04	1.29	7.19	1.31	7.64	1.35	7.94	1.38			25.0	7.90	2.26	8.25	2.31	8.60	2.36	8.78	2.38	9.30	2.46	9.66	2.51			32.0	7.41	2.49	7.76	2.54	8.11	2.59	8.28	2.61	8.81	2.69	9.16	2.74			35.0	7.19	2.60	7.54	2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85			40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41		43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91		46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40		4.2+4.2	22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11		1.5+1.5+2.0	22.0	6.60	1.31	6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46			25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19			32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39			35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48			40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52		43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02		46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																																																																																																																																																												
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	25.0	7.59	2.32	7.94	2.37	8.29	2.42	8.47	2.44	8.99	2.52	9.35	2.57			32.0	7.10	2.55	7.45	2.60	7.80	2.65	7.97	2.67	8.50	2.75	8.85	2.80			35.0	6.88	2.66	7.23	2.71	7.58	2.76	7.76	2.78	8.29	2.86	8.64	2.91			40.0	6.41	2.47	6.71	2.47	7.00	2.47	7.15	2.47	7.57	2.47	7.85	2.47			43.0	5.83	1.97	6.08	1.97	6.32	1.97	6.44	1.97	6.78	1.97	7.01	1.97			46.0	5.04	1.46	5.23	1.46	5.42	1.46	5.51	1.46	5.78	1.46	5.96	1.46		3.5+6.0	22.0	8.11	2.16	8.47	2.21	8.82	2.26	8.99	2.29	9.52	2.36	9.87	2.41	1.5+1.5+1.5	22.0	6.44	1.23	6.74	1.26	7.04	1.29	7.19	1.31	7.64	1.35	7.94	1.38		25.0	7.90	2.26	8.25	2.31	8.60	2.36	8.78	2.38	9.30	2.46	9.66	2.51			32.0	7.41	2.49	7.76	2.54	8.11	2.59	8.28	2.61	8.81	2.69	9.16	2.74			35.0	7.19	2.60	7.54	2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85			40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41			43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91			46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40		4.2+4.2	22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0	22.0	6.60	1.31	6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46		25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19			32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39			35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48			40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52			43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02			46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																																																																																																																																																																																																							
	32.0	7.10	2.55	7.45	2.60	7.80	2.65	7.97	2.67	8.50	2.75	8.85	2.80			35.0	6.88	2.66	7.23	2.71	7.58	2.76	7.76	2.78	8.29	2.86	8.64	2.91			40.0	6.41	2.47	6.71	2.47	7.00	2.47	7.15	2.47	7.57	2.47	7.85	2.47			43.0	5.83	1.97	6.08	1.97	6.32	1.97	6.44	1.97	6.78	1.97	7.01	1.97			46.0	5.04	1.46	5.23	1.46	5.42	1.46	5.51	1.46	5.78	1.46	5.96	1.46		3.5+6.0	22.0	8.11	2.16	8.47	2.21	8.82	2.26	8.99	2.29	9.52	2.36	9.87	2.41	1.5+1.5+1.5		22.0	6.44	1.23	6.74	1.26	7.04	1.29	7.19	1.31	7.64	1.35	7.94	1.38		25.0	7.90	2.26	8.25	2.31	8.60	2.36	8.78	2.38	9.30	2.46	9.66	2.51		32.0	7.41	2.49	7.76	2.54	8.11	2.59	8.28	2.61	8.81	2.69	9.16	2.74			35.0	7.19	2.60	7.54	2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85			40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41			43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91			46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40		4.2+4.2	22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0		22.0	6.60	1.31	6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46		25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19		32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39			35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48			40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52			43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02			46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																																																																																																																																																																																																																						
	35.0	6.88	2.66	7.23	2.71	7.58	2.76	7.76	2.78	8.29	2.86	8.64	2.91			40.0	6.41	2.47	6.71	2.47	7.00	2.47	7.15	2.47	7.57	2.47	7.85	2.47			43.0	5.83	1.97	6.08	1.97	6.32	1.97	6.44	1.97	6.78	1.97	7.01	1.97			46.0	5.04	1.46	5.23	1.46	5.42	1.46	5.51	1.46	5.78	1.46	5.96	1.46		3.5+6.0	22.0	8.11	2.16	8.47	2.21	8.82	2.26	8.99	2.29	9.52	2.36	9.87	2.41	1.5+1.5+1.5		22.0	6.44	1.23	6.74	1.26	7.04	1.29	7.19	1.31	7.64	1.35	7.94	1.38			25.0	7.90	2.26	8.25	2.31	8.60	2.36	8.78	2.38	9.30	2.46	9.66	2.51		32.0	7.41	2.49	7.76	2.54	8.11	2.59	8.28	2.61	8.81	2.69	9.16	2.74		35.0	7.19	2.60	7.54	2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85			40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41			43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91			46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40		4.2+4.2	22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0		22.0	6.60	1.31	6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46			25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19		32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39		35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48			40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52			43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02			46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																																																																																																																																																																																																																																					
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	25.0	7.90	2.26	8.25	2.31	8.60	2.36	8.78	2.38	9.30	2.46	9.66	2.51			32.0	7.41	2.49	7.76	2.54	8.11	2.59	8.28	2.61	8.81	2.69	9.16	2.74			35.0	7.19	2.60	7.54	2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85			40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41			43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91			46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40		4.2+4.2	22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0	22.0	6.60	1.31	6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46		25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19			32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39			35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48			40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52			43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02			46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																																																																																																																																																																																																																																																																																																																													
	32.0	7.41	2.49	7.76	2.54	8.11	2.59	8.28	2.61	8.81	2.69	9.16	2.74			35.0	7.19	2.60	7.54	2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85			40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41			43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91			46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40		4.2+4.2	22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0		22.0	6.60	1.31	6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46		25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19		32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39			35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48			40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52			43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02			46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	35.0	7.19	2.60	7.54	2.65	7.89	2.70	8.07	2.72	8.60	2.80	8.95	2.85			40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41			43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91			46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40		4.2+4.2	22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0		22.0	6.60	1.31	6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46			25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19		32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39		35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48			40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52			43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02			46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	40.0	6.72	2.41	7.02	2.41	7.31	2.41	7.46	2.41	7.88	2.41	8.16	2.41			43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91			46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40		4.2+4.2	22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0		22.0	6.60	1.31	6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46			25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19			32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39		35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48		40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52			43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02			46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	43.0	6.14	1.91	6.39	1.91	6.63	1.91	6.75	1.91	7.09	1.91	7.32	1.91			46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40	4.2+4.2		22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0		22.0	6.60	1.31	6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46			25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19			32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39			35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48		40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52		43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02			46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	46.0	5.35	1.40	5.54	1.40	5.73	1.40	5.82	1.40	6.09	1.40	6.27	1.40		4.2+4.2	22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11		1.5+1.5+2.0	22.0	6.60	1.31	6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46			25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19			32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39			35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48			40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52		43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02		46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
4.2+4.2	22.0	6.91	1.79	7.50	1.94	7.83	1.98	7.99	2.00	8.47	2.07	8.79	2.11	1.5+1.5+2.0		22.0	6.60	1.31	6.90	1.34	7.20	1.37	7.35	1.39	7.80	1.43	8.10	1.46			25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19			32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39			35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48			40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52			43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02		46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	25.0	6.91	1.93	7.31	2.02	7.63	2.06	7.79	2.08	8.27	2.14	8.60	2.19			32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39			35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48			40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52			43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02			46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	32.0	6.53	2.17	6.85	2.22	7.17	2.26	7.34	2.28	7.82	2.34	8.14	2.39			35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48			40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52			43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02			46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	35.0	6.33	2.27	6.66	2.31	6.98	2.35	7.14	2.37	7.62	2.44	7.95	2.48			40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52			43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02			46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	40.0	6.01	2.43	6.33	2.47	6.65	2.51	6.80	2.52	7.23	2.52	7.51	2.52			43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02			46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	43.0	5.49	2.02	5.74	2.02	5.98	2.02	6.10	2.02	6.45	2.02	6.68	2.02			46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	46.0	4.73	1.51	4.93	1.51	5.12	1.51	5.21	1.51	5.48	1.51	5.66	1.51																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

Notes

- The capacities are based on the following conditions:
Corresponding refrigerant piping length: 5 m
Level difference: 0m
- The bold cells indicate the standard conditions.
- The values above are for connecting with the following indoor unit types:
1.5,2.0,2.5,3.5,4.2,5.0,6.0 kW class
Wall-mounted CTXM-M,FTXM-M series

Symbols

- TC: Total capacity [kW]
- PI: Power input [kW]
- ① Indoor unit combinations
- ② Outdoor air temperature [°C DB]

3D103896

5 Capacity tables

5 - 1 Cooling Capacity Tables

4MXM68M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		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+1.5+1.5+2.0	22.0	7.31	1.31	7.67	1.34	8.02	1.38	8.19	1.40	8.72	1.45	9.07	1.48
	25.0	7.10	1.37	7.45	1.41	7.80	1.44	7.98	1.46	8.51	1.51	8.86	1.55
	32.0	6.60	1.54	6.96	1.57	7.31	1.61	7.48	1.63	8.01	1.68	8.36	1.71
	35.0	6.39	1.61	6.74	1.65	7.09	1.68	7.27	1.70	7.80	1.75	8.15	1.79
	40.0	6.04	1.75	6.39	1.78	6.74	1.82	6.91	1.84	7.44	1.89	7.79	1.92
	43.0	5.80	1.82	6.10	1.82	6.39	1.82	6.54	1.82	6.96	1.82	7.23	1.82
1.5+1.5+1.5+2.5	22.0	7.49	1.39	7.85	1.42	8.20	1.46	8.37	1.48	8.90	1.53	9.25	1.56
	25.0	7.28	1.45	7.63	1.49	7.98	1.52	8.16	1.54	8.69	1.59	9.04	1.63
	32.0	6.78	1.62	7.14	1.65	7.49	1.69	7.66	1.71	8.19	1.76	8.54	1.79
	35.0	6.57	1.69	6.92	1.73	7.27	1.76	7.45	1.78	7.98	1.83	8.33	1.87
	40.0	6.22	1.83	6.57	1.86	6.92	1.90	7.09	1.92	7.62	1.97	7.97	2.00
	43.0	5.98	1.90	6.28	1.90	6.57	1.90	6.72	1.90	7.14	1.90	7.41	1.90
1.5+1.5+1.5+3.5	22.0	7.92	1.54	8.29	1.58	8.67	1.62	8.86	1.64	9.42	1.70	9.80	1.74
	25.0	7.69	1.61	8.07	1.65	8.44	1.69	8.63	1.72	9.20	1.78	9.57	1.82
	32.0	7.16	1.80	7.53	1.84	7.91	1.88	8.10	1.90	8.66	1.97	9.04	2.01
	35.0	6.93	1.89	7.31	1.93	7.68	1.97	7.87	1.99	8.43	2.05	8.81	2.09
	40.0	6.55	2.05	6.92	2.09	7.30	2.13	7.49	2.15	8.05	2.21	8.43	2.25
	43.0	5.91	1.77	6.20	1.77	6.48	1.77	6.62	1.77	7.03	1.77	7.29	1.77
1.5+1.5+1.5+4.2	22.0	8.09	1.62	8.46	1.66	8.84	1.70	9.03	1.72	9.59	1.78	9.97	1.82
	25.0	7.86	1.69	8.24	1.73	8.61	1.77	8.80	1.80	9.37	1.86	9.74	1.90
	32.0	7.33	1.88	7.70	1.92	8.08	1.96	8.27	1.98	8.83	2.05	9.21	2.09
	35.0	7.10	1.97	7.48	2.01	7.85	2.05	8.04	2.07	8.60	2.13	8.98	2.17
	40.0	6.72	2.13	7.09	2.17	7.47	2.21	7.66	2.23	8.22	2.29	8.60	2.33
	43.0	6.08	1.85	6.37	1.85	6.65	1.85	6.79	1.85	7.20	1.85	7.46	1.85
1.5+1.5+1.5+5.0	22.0	8.53	1.84	8.93	1.88	9.34	1.92	9.54	1.95	10.14	2.01	10.55	2.05
	25.0	8.29	1.92	8.69	1.96	9.09	2.00	9.29	2.03	9.90	2.09	10.30	2.13
	32.0	7.72	2.12	8.12	2.16	8.52	2.21	8.72	2.23	9.33	2.29	9.73	2.34
	35.0	7.47	2.21	7.88	2.26	8.28	2.30	8.48	2.32	9.08	2.39	9.49	2.43
	40.0	7.06	2.38	7.46	2.42	7.81	2.42	7.98	2.42	8.49	2.42	8.82	2.42
	43.0	6.20	1.92	6.50	1.92	6.78	1.92	6.92	1.92	7.34	1.92	7.60	1.92
1.5+1.5+1.5+6.0	22.0	8.43	1.60	8.83	1.64	9.24	1.68	9.44	1.71	10.04	1.77	10.45	1.81
	25.0	8.19	1.68	8.59	1.72	8.99	1.76	9.19	1.79	9.80	1.85	10.20	1.89
	32.0	7.62	1.88	8.02	1.92	8.42	1.97	8.62	1.99	9.23	2.05	9.63	2.10
	35.0	7.37	1.97	7.78	2.02	8.18	2.06	8.38	2.08	8.98	2.15	9.39	2.19
	40.0	6.96	2.14	7.36	2.18	7.71	2.18	7.88	2.18	8.39	2.18	8.72	2.18
	43.0	6.10	1.68	6.40	1.68	6.68	1.68	6.82	1.68	7.24	1.68	7.50	1.68

①	②	Indoor air temperature [°C WB]											
		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+1.5+2.0+2.0	22.0	7.49	1.39	7.85	1.42	8.20	1.46	8.37	1.48	8.90	1.53	9.25	1.56
	25.0	7.28	1.45	7.63	1.49	7.98	1.52	8.16	1.54	8.69	1.59	9.04	1.63
	32.0	6.78	1.62	7.14	1.65	7.49	1.69	7.66	1.71	8.19	1.76	8.54	1.79
	35.0	6.57	1.69	6.92	1.73	7.27	1.76	7.45	1.78	7.98	1.83	8.33	1.87
	40.0	6.22	1.83	6.57	1.86	6.92	1.90	7.09	1.92	7.62	1.97	7.97	2.00
	43.0	5.98	1.90	6.28	1.90	6.57	1.90	6.72	1.90	7.14	1.90	7.41	1.90
1.5+1.5+2.0+2.5	22.0	7.66	1.48	8.02	1.51	8.37	1.55	8.54	1.57	9.07	1.62	9.42	1.65
	25.0	7.45	1.54	7.80	1.58	8.15	1.61	8.33	1.63	8.86	1.68	9.21	1.72
	32.0	6.95	1.71	7.31	1.74	7.66	1.78	7.83	1.80	8.36	1.85	8.71	1.88
	35.0	6.74	1.78	7.09	1.82	7.44	1.85	7.62	1.87	8.15	1.92	8.50	1.96
	40.0	6.39	1.92	6.74	1.95	7.09	1.99	7.26	2.01	7.79	2.06	8.14	2.09
	43.0	6.15	1.99	6.45	1.99	6.74	1.99	6.89	1.99	7.31	1.99	7.58	1.99
1.5+1.5+2.0+3.5	22.0	8.08	1.62	8.45	1.66	8.83	1.70	9.02	1.72	9.58	1.78	9.96	1.82
	25.0	7.85	1.69	8.23	1.73	8.60	1.77	8.79	1.80	9.36	1.86	9.73	1.90
	32.0	7.32	1.88	7.69	1.92	8.07	1.96	8.26	1.98	8.82	2.05	9.20	2.09
	35.0	7.09	1.97	7.47	2.01	7.84	2.05	8.03	2.07	8.59	2.13	8.97	2.17
	40.0	6.71	2.13	7.08	2.17	7.46	2.21	7.65	2.23	8.21	2.29	8.59	2.33
	43.0	6.07	1.85	6.36	1.85	6.64	1.85	6.78	1.85	7.19	1.85	7.45	1.85
1.5+1.5+2.0+4.2	22.0	8.24	1.71	8.61	1.75	8.99	1.79	9.18	1.81	9.74	1.87	10.12	1.91
	25.0	8.01	1.78	8.39	1.82	8.76	1.86	8.95	1.89	9.52	1.95	9.89	1.99
	32.0	7.48	1.97	7.85	2.01	8.23	2.05	8.42	2.07	8.98	2.14	9.36	2.18
	35.0	7.25	2.06	7.63	2.10	8.00	2.14	8.19	2.16	8.75	2.22	9.13	2.26
	40.0	6.87	2.22	7.24	2.26	7.62	2.30	7.81	2.32	8.37	2.38	8.75	2.42
	43.0	6.23	1.94	6.52	1.94	6.80	1.94	6.94	1.94	7.34	1.94	7.61	1.94
1.5+1.5+2.0+5.0	22.0	8.68	1.93	9.08	1.97	9.49	2.01	9.69	2.04	10.29	2.10	10.70	2.14
	25.0	8.44	2.01	8.84	2.05	9.24	2.09	9.44	2.12	10.05	2.18	10.45	2.22
	32.0	7.97	2.21	8.27	2.25	8.67	2.30	8.87	2.32	9.48	2.38	9.88	2.43
	35.0	7.62	2.30	8.03	2.35	8.43	2.39	8.63	2.41	9.23	2.48	9.64	2.52
	40.0	7.21	2.47	7.61	2.51	7.96	2.51	8.13	2.51	8.64	2.51	8.97	2.51
	43.0	6.35	2.01	6.65	2.01	6.93	2.01	7.07	2.01	7.49	2.01	7.75	2.01
1.5+1.5+2.0+6.0	22.0	8.61	1.70	9.01	1.74	9.42	1.78	9.62	1.81	10.22	1.87	10.63	1.91
	25.0	8.37	1.78	8.77	1.82	9.17	1.86	9.37	1.89	9.98	1.95	10.38	1.99
	32.0	7.80	1.98	8.20	2.02	8.60	2.07	8.80	2.09	9.41	2.15	9.81	2.20
	35.0	7.55	2.07	7.96	2.12	8.36	2.16	8.56	2.18	9.16	2.25	9.57	2.29
	40.0	7.14	2.24	7.54	2.28	7.89	2.28	8.06	2.28	8.57	2.28	8.90	2.28
	43.0	6.28	1.78	6.58	1.78	6.86	1.78	7.00	1.78	7.42	1.78	7.68	1.78

Notes

- The capacities are based on the following conditions:
Corresponding refrigerant piping length: 5 m
Level difference: 0m
- The bold cells indicate the standard conditions.
- The values above are for connecting with the following indoor unit types:
1.5,2.0,2.5,3.5,4.2,5.0,6.0 kW class
Wall-mounted CTXM-M,FTXM-M series

Symbols

- TC: Total capacity [kW]
- PI: Power input [kW]
- ① Indoor unit combinations
- ② Outdoor air temperature [°C DB]

3D103901

5 Capacity tables

5 - 1 Cooling Capacity Tables

4MXM68M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		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+1.5+2.5+2.5	22,0	7,74	1,51	8,10	1,54	8,45	1,58	8,62	1,60	9,15	1,65	9,50	1,68
	25,0	7,53	1,57	7,88	1,61	8,23	1,64	8,41	1,66	8,94	1,71	9,29	1,75
	32,0	7,03	1,74	7,39	1,77	7,74	1,81	7,91	1,83	8,44	1,88	8,79	1,91
	35,0	6,82	1,81	7,17	1,85	7,52	1,88	7,70	1,90	8,23	1,95	8,58	1,99
	40,0	6,47	1,95	6,82	1,98	7,17	2,02	7,34	2,04	7,87	2,09	8,22	2,12
	43,0	6,23	2,02	6,53	2,02	6,82	2,02	6,97	2,02	7,39	2,02	7,66	2,02
1.5+1.5+2.5+3.5	22,0	8,16	1,67	8,53	1,71	8,91	1,75	9,10	1,77	9,66	1,83	10,04	1,87
	25,0	7,93	1,74	8,31	1,78	8,68	1,82	8,87	1,85	9,44	1,91	9,81	1,95
	32,0	7,40	1,93	7,77	1,97	8,15	2,01	8,34	2,03	8,90	2,10	9,28	2,14
	35,0	7,17	2,02	7,55	2,06	7,92	2,10	8,11	2,12	8,67	2,18	9,05	2,22
	40,0	6,79	2,18	7,16	2,22	7,54	2,26	7,73	2,28	8,29	2,34	8,67	2,38
	43,0	6,15	1,90	6,44	1,90	6,72	1,90	6,86	1,90	7,27	1,90	7,53	1,90
1.5+1.5+2.5+4.2	22,0	8,32	1,76	8,69	1,80	9,07	1,84	9,26	1,86	9,82	1,92	10,20	1,96
	25,0	8,09	1,83	8,47	1,87	8,84	1,91	9,03	1,94	9,60	2,00	9,97	2,04
	32,0	7,56	2,02	7,93	2,06	8,31	2,10	8,50	2,12	9,06	2,19	9,44	2,23
	35,0	7,33	2,11	7,71	2,15	8,08	2,19	8,27	2,21	8,83	2,27	9,21	2,31
	40,0	6,95	2,27	7,32	2,31	7,70	2,35	7,89	2,37	8,45	2,43	8,83	2,47
	43,0	6,31	1,99	6,60	1,99	6,88	1,99	7,02	1,99	7,43	1,99	7,69	1,99
1.5+1.5+2.5+5.0	22,0	8,75	1,98	9,15	2,02	9,56	2,06	9,76	2,09	10,36	2,15	10,77	2,19
	25,0	8,51	2,06	8,91	2,10	9,31	2,14	9,51	2,17	10,12	2,23	10,52	2,27
	32,0	7,94	2,26	8,34	2,30	8,74	2,35	8,94	2,37	9,55	2,43	9,95	2,48
	35,0	7,69	2,35	8,10	2,40	8,50	2,44	8,70	2,46	9,30	2,53	9,71	2,57
	40,0	7,28	2,52	7,68	2,56	8,03	2,56	8,20	2,56	8,71	2,56	9,04	2,56
	43,0	6,42	2,06	6,72	2,06	7,00	2,06	7,14	2,06	7,56	2,06	7,82	2,06
1.5+1.5+3.5+3.5	22,0	8,53	1,93	8,93	1,93	9,32	1,97	9,52	2,00	10,12	2,07	10,51	2,11
	25,0	8,29	1,97	8,69	2,01	9,08	2,06	9,28	2,08	9,88	2,15	10,27	2,20
	32,0	7,73	2,18	8,13	2,23	8,52	2,27	8,72	2,29	9,32	2,36	9,71	2,41
	35,0	7,49	2,28	7,88	2,32	8,28	2,37	8,48	2,39	9,08	2,46	9,47	2,51
	40,0	7,01	2,36	7,36	2,36	7,69	2,36	7,86	2,36	8,35	2,36	8,66	2,36
	43,0	6,19	1,86	6,47	1,86	6,74	1,86	6,88	1,86	7,28	1,86	7,54	1,86
1.5+1.5+3.5+4.2	22,0	8,70	1,98	9,10	1,98	9,49	2,02	9,69	2,05	10,29	2,12	10,68	2,16
	25,0	8,46	2,02	8,86	2,06	9,25	2,11	9,45	2,13	10,05	2,20	10,44	2,25
	32,0	7,90	2,23	8,30	2,28	8,69	2,32	8,89	2,34	9,49	2,41	9,88	2,46
	35,0	7,66	2,33	8,05	2,37	8,45	2,42	8,65	2,44	9,25	2,51	9,64	2,56
	40,0	7,18	2,41	7,53	2,41	7,86	2,41	8,03	2,41	8,52	2,41	8,83	2,41
	43,0	6,36	1,91	6,64	1,91	6,91	1,91	7,05	1,91	7,45	1,91	7,71	1,91

①	②	Indoor air temperature [°C WB]											
		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+2.0+2.0+2.0	22,0	7,65	1,48	8,01	1,51	8,36	1,55	8,53	1,57	9,06	1,62	9,41	1,65
	25,0	7,44	1,54	7,79	1,58	8,14	1,61	8,32	1,63	8,85	1,68	9,20	1,72
	32,0	6,94	1,71	7,30	1,74	7,65	1,78	7,82	1,80	8,35	1,85	8,70	1,88
	35,0	6,73	1,78	7,08	1,82	7,43	1,85	7,61	1,87	8,14	1,92	8,49	1,96
	40,0	6,38	1,92	6,73	1,95	7,08	1,99	7,25	2,01	7,78	2,06	8,13	2,09
	43,0	6,14	1,99	6,44	1,99	6,73	1,99	6,88	1,99	7,30	1,99	7,57	1,99
1.5+2.0+2.0+2.5	22,0	7,82	1,56	8,18	1,59	8,53	1,63	8,70	1,65	9,23	1,70	9,58	1,73
	25,0	7,61	1,62	7,96	1,66	8,31	1,69	8,49	1,71	9,02	1,76	9,37	1,80
	32,0	7,11	1,79	7,47	1,82	7,82	1,86	7,99	1,88	8,52	1,93	8,87	1,96
	35,0	6,90	1,86	7,25	1,90	7,60	1,93	7,78	1,95	8,31	2,00	8,66	2,04
	40,0	6,55	2,00	6,90	2,03	7,25	2,07	7,42	2,09	7,95	2,14	8,30	2,17
	43,0	6,31	2,07	6,61	2,07	6,90	2,07	7,05	2,07	7,47	2,07	7,74	2,07
1.5+2.0+2.0+3.5	22,0	8,23	1,71	8,60	1,75	8,98	1,79	9,17	1,81	9,73	1,87	10,11	1,91
	25,0	8,00	1,78	8,38	1,82	8,75	1,86	8,94	1,89	9,51	1,95	9,88	1,99
	32,0	7,47	1,97	7,84	2,01	8,22	2,05	8,41	2,07	8,97	2,14	9,35	2,18
	35,0	7,24	2,06	7,62	2,10	7,99	2,14	8,18	2,16	8,74	2,22	9,12	2,26
	40,0	6,86	2,22	7,23	2,26	7,61	2,30	7,80	2,32	8,36	2,38	8,74	2,42
	43,0	6,22	1,94	6,51	1,94	6,79	1,94	6,93	1,94	7,34	1,94	7,60	1,94
1.5+2.0+2.0+4.2	22,0	8,39	1,80	8,76	1,84	9,14	1,88	9,33	1,90	9,89	1,96	10,27	2,00
	25,0	8,16	1,87	8,54	1,91	8,91	1,95	9,10	1,98	9,67	2,04	10,04	2,08
	32,0	7,63	2,06	8,00	2,10	8,38	2,14	8,57	2,16	9,13	2,23	9,51	2,27
	35,0	7,40	2,15	7,78	2,19	8,15	2,23	8,34	2,25	8,90	2,31	9,28	2,35
	40,0	7,02	2,31	7,39	2,35	7,77	2,39	7,96	2,41	8,52	2,47	8,90	2,51
	43,0	6,38	2,03	6,67	2,03	6,95	2,03	7,09	2,03	7,50	2,03	7,76	2,03
1.5+2.0+2.0+5.0	22,0	8,82	2,03	9,22	2,07	9,63	2,11	9,83	2,14	10,43	2,20	10,84	2,24
	25,0	8,58	2,11	8,98	2,15	9,38	2,19	9,58	2,22	10,19	2,28	10,59	2,32
	32,0	8,01	2,31	8,41	2,35	8,81	2,40	9,01	2,42	9,62	2,48	10,02	2,53
	35,0	7,76	2,40	8,17	2,45	8,57	2,49	8,77	2,51	9,37	2,58	9,78	2,62
	40,0	7,35	2,57	7,75	2,61	8,10	2,61	8,27	2,61	8,78	2,61	9,11	2,61
	43,0	6,49	2,11	6,79	2,11	7,07	2,11	7,21	2,11	7,63	2,11	7,89	2,11
1.5+2.0+2.5+2.5	22,0	7,90	1,60	8,26	1,63	8,61	1,67	8,78	1,69	9,31	1,74	9,66	1,77
	25,0	7,69	1,66	8,04	1,70	8,39	1,73	8,57	1,75	9,10	1,80	9,45	1,84
	32,0	7,19	1,83	7,55	1,86	7,90	1,90	8,07	1,92	8,60	1,97	8,95	2,00
	35,0	6,98	1,90	7,33	1,94	7,68	1,97	7,86	1,99	8,39	2,04	8,74	2,08
	40,0	6,63	2,04	6,98	2,07	7,33	2,11	7,50	2,13	8,03	2,18	8,38	2,21
	43,0	6,39	2,11	6,69	2,11	6,98	2,11	7,13	2,11	7,55	2,11	7,82	2,11

Notes

- The capacities are based on the following conditions:
Corresponding refrigerant piping length: 5 m
Level difference: 0m
- The bold cells indicate the standard conditions.
- The values above are for connecting with the following indoor unit types:
1.5,2.0,2.5,3.5,4.2,5.0 kW class
Wall-mounted CTXM-M,FTXM-M series

Symbols

- TC: Total capacity [kW]
- PI: Power input [kW]
- ① Indoor unit combinations
- ② Outdoor air temperature [°C DB]

3D103902

5 Capacity tables

5 - 1 Cooling Capacity Tables

4MXM68M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		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+2.0+2.5+3.5	22.0	8.31	1.76	8.68	1.80	9.06	1.84	9.25	1.86	9.81	1.92	10.19	1.96
	25.0	8.08	1.83	8.46	1.87	8.83	1.91	9.02	1.94	9.59	2.00	9.96	2.04
	32.0	7.55	2.02	7.92	2.06	8.30	2.10	8.49	2.12	9.05	2.19	9.43	2.23
	35.0	7.32	2.11	7.70	2.15	8.07	2.19	8.26	2.21	8.82	2.27	9.20	2.31
	40.0	6.94	2.27	7.31	2.31	7.69	2.35	7.88	2.37	8.44	2.43	8.82	2.47
	43.0	6.30	1.99	6.59	1.99	6.87	1.99	7.01	1.99	7.42	1.99	7.68	1.99
1.5+2.0+2.5+4.2	22.0	8.48	1.85	8.85	1.89	9.23	1.93	9.42	1.95	9.98	2.01	10.36	2.05
	25.0	8.25	1.92	8.63	1.96	9.00	2.00	9.19	2.03	9.76	2.09	10.13	2.13
	32.0	7.72	2.11	8.09	2.15	8.47	2.19	8.66	2.21	9.22	2.28	9.60	2.32
	35.0	7.49	2.20	7.87	2.24	8.24	2.28	8.43	2.30	8.99	2.36	9.37	2.40
	40.0	7.11	2.36	7.48	2.40	7.86	2.44	8.05	2.46	8.61	2.52	8.99	2.56
	43.0	6.47	2.08	6.76	2.08	7.04	2.08	7.18	2.08	7.59	2.08	7.85	2.08
1.5+2.0+2.5+5.0	22.0	8.90	2.07	9.30	2.11	9.71	2.15	9.91	2.18	10.51	2.24	10.92	2.28
	25.0	8.66	2.15	9.06	2.19	9.46	2.23	9.66	2.26	10.27	2.32	10.67	2.36
	32.0	8.09	2.35	8.49	2.39	8.89	2.44	9.09	2.46	9.70	2.52	10.10	2.57
	35.0	7.84	2.44	8.25	2.49	8.65	2.53	8.85	2.55	9.45	2.62	9.86	2.66
	40.0	7.43	2.61	7.83	2.65	8.18	2.65	8.35	2.65	8.86	2.65	9.19	2.65
	43.0	6.57	2.15	6.87	2.15	7.15	2.15	7.29	2.15	7.71	2.15	7.97	2.15
1.5+2.0+3.5+3.5	22.0	8.69	1.98	9.09	1.98	9.48	2.02	9.68	2.05	10.28	2.12	10.67	2.16
	25.0	8.45	2.02	8.85	2.06	9.24	2.11	9.44	2.13	10.04	2.20	10.43	2.25
	32.0	7.89	2.23	8.29	2.28	8.68	2.32	8.88	2.34	9.48	2.41	9.87	2.46
	35.0	7.65	2.33	8.04	2.37	8.44	2.42	8.64	2.44	9.24	2.51	9.63	2.56
	40.0	7.17	2.41	7.52	2.41	7.85	2.41	8.02	2.41	8.51	2.41	8.82	2.41
	43.0	6.35	1.91	6.63	1.91	6.90	1.91	7.04	1.91	7.44	1.91	7.70	1.91
1.5+2.5+2.5+2.5	22.0	8.22	1.77	8.58	1.80	8.93	1.84	9.10	1.86	9.63	1.91	9.98	1.94
	25.0	8.01	1.83	8.36	1.87	8.71	1.90	8.89	1.92	9.42	1.97	9.77	2.01
	32.0	7.51	2.00	7.87	2.03	8.22	2.07	8.39	2.09	8.92	2.14	9.27	2.17
	35.0	7.30	2.07	7.65	2.11	8.00	2.14	8.18	2.16	8.71	2.21	9.06	2.25
	40.0	6.95	2.21	7.30	2.24	7.65	2.28	7.82	2.30	8.35	2.35	8.70	2.38
	43.0	6.71	2.28	7.01	2.28	7.30	2.28	7.45	2.28	7.87	2.28	8.14	2.28
1.5+2.5+2.5+3.5	22.0	8.54	1.89	8.91	1.93	9.29	1.97	9.48	1.99	10.04	2.05	10.42	2.09
	25.0	8.31	1.96	8.69	2.00	9.06	2.04	9.25	2.07	9.82	2.13	10.19	2.17
	32.0	7.78	2.15	8.15	2.19	8.53	2.23	8.72	2.25	9.28	2.32	9.66	2.36
	35.0	7.55	2.24	7.93	2.28	8.30	2.32	8.49	2.34	9.05	2.40	9.43	2.44
	40.0	7.17	2.40	7.54	2.44	7.92	2.48	8.11	2.50	8.67	2.56	9.05	2.60
	43.0	6.53	2.12	6.82	2.12	7.10	2.12	7.24	2.12	7.65	2.12	7.91	2.12

①	②	Indoor air temperature [°C WB]											
		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+2.5+4.2	22.0	8.55	1.89	8.92	1.93	9.30	1.97	9.49	1.99	10.05	2.05	10.43	2.09
	25.0	8.32	1.96	8.70	2.00	9.07	2.04	9.26	2.07	9.83	2.13	10.20	2.17
	32.0	7.79	2.15	8.16	2.19	8.54	2.23	8.73	2.25	9.29	2.32	9.67	2.36
	35.0	7.56	2.24	7.94	2.28	8.31	2.32	8.50	2.34	9.06	2.40	9.44	2.44
	40.0	7.18	2.40	7.55	2.44	7.93	2.48	8.12	2.50	8.68	2.56	9.06	2.60
	43.0	6.54	2.12	6.83	2.12	7.11	2.12	7.25	2.12	7.66	2.12	7.92	2.12
1.5+2.5+3.5+3.5	22.0	8.76	2.02	9.16	2.02	9.55	2.06	9.75	2.09	10.35	2.16	10.74	2.20
	25.0	8.52	2.06	8.92	2.10	9.31	2.15	9.51	2.17	10.11	2.24	10.50	2.29
	32.0	7.96	2.27	8.36	2.32	8.75	2.36	8.95	2.38	9.55	2.45	9.94	2.50
	35.0	7.72	2.37	8.11	2.41	8.51	2.46	8.71	2.48	9.31	2.55	9.70	2.60
	40.0	7.24	2.45	7.59	2.45	7.92	2.45	8.09	2.45	8.58	2.45	8.89	2.45
	43.0	6.42	1.95	6.70	1.95	6.97	1.95	7.11	1.95	7.51	1.95	7.77	1.95
2.0+2.0+2.0+2.0	22.0	7.82	1.56	8.18	1.59	8.53	1.63	8.70	1.65	9.23	1.70	9.58	1.73
	25.0	7.61	1.62	7.96	1.66	8.31	1.69	8.49	1.71	9.02	1.76	9.37	1.80
	32.0	7.11	1.79	7.47	1.82	7.82	1.86	7.99	1.88	8.52	1.93	8.87	1.96
	35.0	6.90	1.86	7.25	1.90	7.60	1.93	7.78	1.95	8.31	2.00	8.66	2.04
	40.0	6.55	2.00	6.90	2.03	7.25	2.07	7.42	2.09	7.95	2.14	8.30	2.17
	43.0	6.31	2.07	6.61	2.07	6.90	2.07	7.05	2.07	7.47	2.07	7.74	2.07
2.0+2.0+2.0+2.5	22.0	7.99	1.65	8.35	1.68	8.70	1.72	8.87	1.74	9.40	1.79	9.75	1.82
	25.0	7.78	1.71	8.13	1.75	8.48	1.78	8.66	1.80	9.19	1.85	9.54	1.89
	32.0	7.28	1.88	7.64	1.91	7.99	1.95	8.16	1.97	8.69	2.02	9.04	2.05
	35.0	7.07	1.95	7.42	1.99	7.77	2.02	7.95	2.04	8.48	2.09	8.83	2.13
	40.0	6.72	2.09	7.07	2.12	7.42	2.16	7.59	2.18	8.12	2.23	8.47	2.26
	43.0	6.48	2.16	6.78	2.16	7.07	2.16	7.22	2.16	7.64	2.16	7.91	2.16
2.0+2.0+2.0+3.5	22.0	8.38	1.80	8.75	1.84	9.13	1.88	9.32	1.90	9.88	1.96	10.26	2.00
	25.0	8.15	1.87	8.53	1.91	8.90	1.95	9.09	1.98	9.66	2.04	10.03	2.08
	32.0	7.62	2.06	7.99	2.10	8.37	2.14	8.56	2.16	9.12	2.23	9.50	2.27
	35.0	7.39	2.15	7.77	2.19	8.14	2.23	8.33	2.25	8.89	2.31	9.27	2.35
	40.0	7.01	2.31	7.38	2.35	7.76	2.39	7.95	2.41	8.51	2.47	8.89	2.51
	43.0	6.37	2.03	6.66	2.03	6.94	2.03	7.08	2.03	7.49	2.03	7.75	2.03
2.0+2.0+2.0+4.2	22.0	8.54	1.89	8.91	1.93	9.29	1.97	9.48	1.99	10.04	2.05	10.42	2.09
	25.0	8.31	1.96	8.69	2.00	9.06	2.04	9.25	2.07	9.82	2.13	10.19	2.17
	32.0	7.78	2.15	8.15	2.19	8.53	2.23	8.72	2.25	9.28	2.32	9.66	2.36
	35.0	7.55	2.24	7.93	2.28	8.30	2.32	8.49	2.34	9.05	2.40	9.43	2.44
	40.0	7.17	2.40	7.54	2.44	7.92	2.48	8.11	2.50	8.67	2.56	9.05	2.60
	43.0	6.53	2.12	6.82	2.12	7.10	2.12	7.24	2.12	7.65	2.12	7.91	2.12

Notes

- The capacities are based on the following conditions:
Corresponding refrigerant piping length: 5 m
Level difference: 0m
- The bold cells indicate the standard conditions.
- The values above are for connecting with the following indoor unit types:
1.5,2.0,2.5,3.5,4.2,5.0 kW class
Wall-mounted CTXM-M,FTXM-M series

Symbols

- TC: Total capacity [kW]
- PI: Power input [kW]
- ① Indoor unit combinations
- ② Outdoor air temperature [°C DB]

5 Capacity tables

5 - 1 Cooling Capacity Tables

4MXM68M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		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+5.0	22,0	8,96	2,13	9,36	2,17	9,77	2,21	9,97	2,24	10,57	2,30	10,98	2,34
	25,0	8,72	2,21	9,12	2,25	9,52	2,29	9,72	2,32	10,33	2,38	10,73	2,42
	32,0	8,15	2,41	8,55	2,45	8,95	2,50	9,15	2,52	9,76	2,58	10,16	2,63
	35,0	7,90	2,50	8,31	2,55	8,71	2,59	8,91	2,61	9,51	2,68	9,92	2,72
	40,0	7,49	2,67	7,89	2,71	8,24	2,71	8,41	2,71	8,92	2,71	9,25	2,71
	43,0	6,63	2,21	6,93	2,21	7,21	2,21	7,35	2,21	7,77	2,21	8,03	2,21
2.0+2.0+2.5+2.5	22,0	8,14	1,73	8,50	1,76	8,85	1,80	9,02	1,82	9,55	1,87	9,90	1,90
	25,0	7,93	1,79	8,28	1,83	8,63	1,86	8,81	1,88	9,34	1,93	9,69	1,97
	32,0	7,43	1,96	7,78	1,99	8,14	2,03	8,31	2,05	8,84	2,10	9,19	2,13
	35,0	7,22	2,03	7,57	2,07	7,92	2,10	8,10	2,12	8,63	2,17	8,98	2,21
	40,0	6,87	2,17	7,22	2,20	7,57	2,24	7,74	2,26	8,27	2,31	8,62	2,34
	43,0	6,63	2,24	6,93	2,24	7,22	2,24	7,37	2,24	7,79	2,24	8,06	2,24
2.0+2.0+2.5+3.5	22,0	8,54	1,89	8,91	1,93	9,29	1,97	9,48	1,99	10,04	2,05	10,42	2,09
	25,0	8,31	1,96	8,69	2,00	9,06	2,04	9,25	2,07	9,82	2,13	10,19	2,17
	32,0	7,78	2,15	8,15	2,19	8,53	2,23	8,72	2,25	9,28	2,32	9,66	2,36
	35,0	7,55	2,24	7,93	2,28	8,30	2,32	8,49	2,34	9,05	2,40	9,43	2,44
	40,0	7,17	2,40	7,54	2,44	7,92	2,48	8,11	2,50	8,67	2,56	9,05	2,60
	43,0	6,53	2,12	6,82	2,12	7,10	2,12	7,24	2,12	7,65	2,12	7,91	2,12
2.0+2.0+2.5+4.2	22,0	8,69	1,99	9,06	2,03	9,44	2,07	9,63	2,09	10,19	2,15	10,57	2,19
	25,0	8,46	2,06	8,84	2,10	9,21	2,14	9,40	2,17	9,97	2,23	10,34	2,27
	32,0	7,93	2,25	8,30	2,29	8,68	2,33	8,87	2,35	9,43	2,42	9,81	2,46
	35,0	7,70	2,34	8,08	2,38	8,45	2,42	8,64	2,44	9,20	2,50	9,58	2,54
	40,0	7,32	2,50	7,69	2,54	8,07	2,58	8,26	2,60	8,82	2,66	9,20	2,70
	43,0	6,68	2,22	6,97	2,22	7,25	2,22	7,39	2,22	7,80	2,22	8,06	2,22
2.0+2.0+3.5+3.5	22,0	8,83	2,07	9,23	2,07	9,62	2,11	9,82	2,14	10,42	2,21	10,81	2,25
	25,0	8,59	2,11	8,99	2,15	9,38	2,20	9,58	2,22	10,18	2,29	10,57	2,34
	32,0	8,03	2,32	8,43	2,37	8,82	2,41	9,02	2,43	9,62	2,50	10,01	2,55
	35,0	7,79	2,42	8,18	2,46	8,58	2,51	8,78	2,53	9,38	2,60	9,77	2,65
	40,0	7,31	2,50	7,66	2,50	7,99	2,50	8,16	2,50	8,65	2,50	8,96	2,50
	43,0	6,49	2,00	6,77	2,00	7,04	2,00	7,18	2,00	7,58	2,00	7,84	2,00
2.0+2.5+2.5+2.5	22,0	8,37	1,86	8,73	1,89	9,08	1,93	9,25	1,95	9,78	2,00	10,13	2,03
	25,0	8,16	1,92	8,51	1,96	8,86	1,99	9,04	2,01	9,57	2,06	9,92	2,10
	32,0	7,66	2,09	8,02	2,12	8,37	2,16	8,54	2,18	9,07	2,23	9,42	2,26
	35,0	7,45	2,16	7,80	2,20	8,15	2,23	8,33	2,25	8,86	2,30	9,21	2,34
	40,0	7,10	2,30	7,45	2,33	7,80	2,37	7,97	2,39	8,50	2,44	8,85	2,47
	43,0	6,86	2,37	7,16	2,37	7,45	2,37	7,60	2,37	8,02	2,37	8,29	2,37

①	②	Indoor air temperature [°C WB]											
		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	
2.0+2.5+2.5+3.5	22,0	8,68	1,99	9,05	2,03	9,43	2,07	9,62	2,09	10,18	2,15	10,56	2,19
	25,0	8,45	2,06	8,83	2,10	9,20	2,14	9,39	2,17	9,96	2,23	10,33	2,27
	32,0	7,92	2,25	8,29	2,29	8,67	2,33	8,86	2,35	9,42	2,42	9,80	2,46
	35,0	7,69	2,34	8,07	2,38	8,44	2,42	8,63	2,44	9,19	2,50	9,57	2,54
	40,0	7,31	2,50	7,68	2,54	8,06	2,58	8,25	2,60	8,81	2,66	9,19	2,70
	43,0	6,67	2,22	6,96	2,22	7,24	2,22	7,38	2,22	7,79	2,22	8,05	2,22
2.5+2.5+2.5+2.5	22,0	8,60	2,00	8,96	2,03	9,31	2,07	9,48	2,09	10,01	2,14	10,38	2,17
	25,0	8,39	2,06	8,74	2,10	9,09	2,13	9,27	2,15	9,80	2,20	10,15	2,24
	32,0	7,89	2,23	8,25	2,26	8,60	2,30	8,77	2,32	9,30	2,37	9,65	2,40
	35,0	7,68	2,30	8,03	2,34	8,38	2,37	8,56	2,39	9,09	2,44	9,44	2,48
	40,0	7,33	2,44	7,68	2,47	8,03	2,51	8,20	2,53	8,73	2,58	9,08	2,61
	43,0	7,09	2,51	7,39	2,51	7,68	2,51	7,83	2,51	8,25	2,51	8,52	2,51
2.5+2.5+2.5+3.5	22,0	8,95	2,18	9,32	2,22	9,70	2,26	9,89	2,28	10,45	2,34	10,83	2,38
	25,0	8,72	2,25	9,10	2,29	9,47	2,33	9,66	2,36	10,23	2,42	10,60	2,46
	32,0	8,19	2,44	8,56	2,48	8,94	2,52	9,13	2,54	9,69	2,61	10,07	2,65
	35,0	7,96	2,53	8,34	2,57	8,71	2,61	8,90	2,63	9,46	2,69	9,84	2,73
	40,0	7,58	2,69	7,95	2,73	8,33	2,77	8,52	2,79	9,08	2,85	9,46	2,89
	43,0	6,94	2,41	7,23	2,41	7,51	2,41	7,65	2,41	8,06	2,41	8,32	2,41

Notes

- The capacities are based on the following conditions:
Corresponding refrigerant piping length: 5 m
Level difference: 0m
- The bold cells indicate the standard conditions.
- The values above are for connecting with the following indoor unit types:
2.0,2.5,3.5,4.2,5.0 kW class
Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D103920

5 Capacity tables

5 - 2 Heating Capacity Tables

4MXM68M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
1.5+5.0	-15,0	7,30	2,44	7,16	2,47	7,02	2,50	6,95	2,51	6,88	2,53	6,74	2,55
	-10,0	8,44	2,57	8,30	2,60	8,16	2,63	8,09	2,65	8,02	2,66	7,88	2,69
	-5,0	9,59	2,71	9,45	2,74	9,31	2,76	9,24	2,78	9,17	2,79	9,03	2,82
	0,0	10,73	2,84	10,59	2,87	10,45	2,90	10,38	2,91	10,31	2,93	10,17	2,96
	6,0	12,11	3,00	11,97	3,03	11,83	3,06	11,76	3,07	11,69	3,09	11,55	3,12
	10,0	13,03	3,11	12,89	3,14	12,75	3,17	12,68	3,18	12,61	3,20	12,30	3,11
1.5+6.0	-15,0	7,50	2,20	7,36	2,23	7,22	2,26	7,15	2,27	7,08	2,29	6,94	2,31
	-10,0	8,64	2,33	8,50	2,36	8,36	2,39	8,29	2,41	8,22	2,42	8,08	2,45
	-5,0	9,79	2,47	9,65	2,50	9,51	2,52	9,44	2,54	9,37	2,55	9,23	2,58
	0,0	10,93	2,60	10,79	2,63	10,65	2,66	10,58	2,67	10,51	2,69	10,37	2,72
	6,0	12,31	2,76	12,17	2,79	12,03	2,82	11,96	2,83	11,89	2,85	11,75	2,88
	10,0	13,23	2,87	13,09	2,90	12,95	2,93	12,88	2,94	12,81	2,96	12,50	2,87
2.0+2.0	-15,0	5,63	1,74	5,52	1,76	5,42	1,78	5,36	1,79	5,31	1,80	5,21	1,82
	-10,0	6,49	1,83	6,38	1,85	6,28	1,87	6,23	1,88	6,17	1,89	6,07	1,91
	-5,0	7,35	1,93	7,25	1,95	7,14	1,97	7,09	1,98	7,04	1,99	6,93	2,01
	0,0	8,22	2,02	8,11	2,04	8,00	2,06	7,95	2,07	7,90	2,08	7,79	2,10
	6,0	9,25	2,13	9,15	2,15	9,04	2,17	8,99	2,18	8,93	2,19	8,83	2,21
	10,0	9,94	2,20	9,84	2,22	9,73	2,24	9,68	2,25	9,62	2,26	9,52	2,28
2.0+2.5	-15,0	5,80	1,81	5,69	1,83	5,59	1,85	5,53	1,86	5,48	1,87	5,38	1,89
	-10,0	6,66	1,90	6,55	1,92	6,45	1,94	6,40	1,95	6,34	1,96	6,24	1,98
	-5,0	7,52	2,00	7,42	2,02	7,31	2,04	7,26	2,05	7,21	2,06	7,10	2,08
	0,0	8,39	2,09	8,28	2,11	8,17	2,13	8,12	2,14	8,07	2,15	7,96	2,17
	6,0	9,42	2,20	9,32	2,22	9,21	2,24	9,16	2,25	9,10	2,26	9,00	2,28
	10,0	10,11	2,27	10,01	2,29	9,90	2,31	9,85	2,32	9,79	2,33	9,69	2,35
2.0+3.5	-15,0	6,14	2,05	6,02	2,07	5,90	2,09	5,85	2,11	5,79	2,12	5,67	2,14
	-10,0	7,08	2,15	6,96	2,18	6,85	2,20	6,79	2,21	6,73	2,23	6,62	2,25
	-5,0	8,02	2,26	7,90	2,29	7,79	2,31	7,73	2,32	7,67	2,33	7,56	2,36
	0,0	8,96	2,37	8,85	2,40	8,73	2,42	8,67	2,43	8,61	2,44	8,50	2,47
	6,0	10,09	2,50	9,98	2,53	9,86	2,55	9,80	2,56	9,74	2,57	9,63	2,60
	10,0	10,84	2,59	10,73	2,61	10,61	2,64	10,56	2,65	10,50	2,66	10,38	2,68
2.0+4.2	-15,0	6,50	2,28	6,38	2,30	6,26	2,32	6,21	2,34	6,15	2,35	6,03	2,37
	-10,0	7,44	2,38	7,32	2,41	7,21	2,43	7,15	2,44	7,09	2,46	6,98	2,48
	-5,0	8,38	2,49	8,26	2,52	8,15	2,54	8,09	2,55	8,03	2,56	7,92	2,59
	0,0	9,32	2,60	9,21	2,63	9,09	2,65	9,03	2,66	8,97	2,67	8,86	2,70
	6,0	10,45	2,73	10,34	2,76	10,22	2,78	10,16	2,79	10,10	2,80	9,99	2,83
	10,0	11,20	2,82	11,09	2,84	10,97	2,87	10,92	2,88	10,86	2,89	10,74	2,91

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
2.0+5.0	-15,0	7,48	2,53	7,34	2,56	7,20	2,59	7,13	2,60	7,06	2,62	6,92	2,64
	-10,0	8,62	2,66	8,48	2,69	8,34	2,72	8,27	2,74	8,20	2,75	8,06	2,78
	-5,0	9,77	2,80	9,63	2,83	9,49	2,85	9,42	2,87	9,35	2,88	9,21	2,91
	0,0	10,91	2,93	10,77	2,96	10,63	2,99	10,56	3,00	10,49	3,02	10,35	3,05
	6,0	12,29	3,09	12,15	3,12	12,01	3,15	11,94	3,16	11,87	3,18	11,73	3,21
	10,0	13,21	3,20	13,07	3,23	12,93	3,26	12,86	3,27	12,79	3,29	12,48	3,20
2.0+6.0	-15,0	7,67	2,27	7,53	2,30	7,39	2,33	7,32	2,34	7,25	2,36	7,11	2,38
	-10,0	8,81	2,40	8,67	2,43	8,53	2,46	8,46	2,48	8,39	2,49	8,25	2,52
	-5,0	9,96	2,54	9,82	2,57	9,68	2,59	9,61	2,61	9,54	2,62	9,40	2,65
	0,0	11,10	2,67	10,96	2,70	10,82	2,73	10,75	2,74	10,68	2,76	10,54	2,79
	6,0	12,48	2,83	12,34	2,86	12,20	2,89	12,13	2,90	12,06	2,92	11,92	2,95
	10,0	13,40	2,94	13,26	2,97	13,12	3,00	13,05	3,01	12,98	3,03	12,67	2,94
2.5+2.5	-15,0	6,17	2,03	6,06	2,05	5,96	2,07	5,90	2,08	5,85	2,09	5,75	2,11
	-10,0	7,03	2,12	6,92	2,14	6,82	2,16	6,77	2,17	6,71	2,18	6,61	2,20
	-5,0	7,89	2,22	7,79	2,24	7,68	2,26	7,63	2,27	7,58	2,28	7,47	2,30
	0,0	8,76	2,31	8,65	2,33	8,54	2,35	8,49	2,36	8,44	2,37	8,33	2,39
	6,0	9,79	2,42	9,69	2,44	9,58	2,46	9,53	2,47	9,47	2,48	9,37	2,50
	10,0	10,48	2,49	10,38	2,51	10,27	2,53	10,22	2,54	10,16	2,55	10,06	2,57
2.5+3.5	-15,0	6,50	2,28	6,38	2,30	6,26	2,32	6,21	2,34	6,15	2,35	6,03	2,37
	-10,0	7,44	2,38	7,32	2,41	7,21	2,43	7,15	2,44	7,09	2,46	6,98	2,48
	-5,0	8,38	2,49	8,26	2,52	8,15	2,54	8,09	2,55	8,03	2,56	7,92	2,59
	0,0	9,32	2,60	9,21	2,63	9,09	2,65	9,03	2,66	8,97	2,67	8,86	2,70
	6,0	10,45	2,73	10,34	2,76	10,22	2,78	10,16	2,79	10,10	2,80	9,99	2,83
	10,0	11,20	2,82	11,09	2,84	10,97	2,87	10,92	2,88	10,86	2,89	10,74	2,91
2.5+4.2	-15,0	6,76	2,44	6,64	2,46	6,52	2,48	6,47	2,50	6,41	2,51	6,29	2,53
	-10,0	7,70	2,54	7,58	2,57	7,47	2,59	7,41	2,60	7,35	2,62	7,24	2,64
	-5,0	8,64	2,65	8,52	2,68	8,41	2,70	8,35	2,71	8,29	2,72	8,18	2,75
	0,0	9,58	2,76	9,47	2,79	9,35	2,81	9,29	2,82	9,23	2,83	9,12	2,86
	6,0	10,71	2,89	10,60	2,92	10,48	2,94	10,42	2,95	10,36	2,96	10,25	2,99
	10,0	11,46	2,98	11,35	3,00	11,23	3,03	11,18	3,04	11,12	3,05	11,00	3,07
2.5+5.0	-15,0	7,60	2,62	7,46	2,65	7,32	2,68	7,25	2,69	7,18	2,71	7,04	2,73
	-10,0	8,74	2,75	8,60	2,78	8,46	2,81	8,39	2,83	8,32	2,84	8,18	2,87
	-5,0	9,89	2,89	9,75	2,92	9,61	2,94	9,54	2,96	9,47	2,97	9,33	3,00
	0,0	11,03	3,02	10,89	3,05	10,75	3,08	10,68	3,09	10,61	3,11	10,47	3,14
	6,0	12,41	3,18	12,27	3,21	12,13	3,24	12,06	3,25	11,99	3,27	11,85	3,30
	10,0	13,33	3,29	13,19	3,32	13,05	3,35	12,98	3,36	12,91	3,38	12,60	3,29

Notes

- The capacities are based on the following conditions:
Corresponding refrigerant piping length: 5 m
Level difference: 0m
- The bold cells indicate the standard conditions.
- The values above are for connecting with the following indoor unit types:
1.5,2.0,2.5,3.5,4.2,5.0,6.0 kW class
Wall-mounted CTXM-M,FTXM-M series

Symbols

- TC: Total capacity [kW]
- PI: Power input [kW]
- ① Indoor unit combinations
- ② Outdoor air temperature [°C WB]

3D103923

5 Capacity tables

5 - 2 Heating Capacity Tables

4MXM68M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°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+1.5+2.5	-15,0	7,13	1,97	6,99	2,00	6,85	2,02	6,78	2,04	6,71	2,05	6,57	2,07
	-10,0	8,26	2,09	8,12	2,11	7,98	2,13	7,91	2,15	7,84	2,16	7,70	2,18
	-5,0	9,39	2,20	9,25	2,22	9,12	2,25	9,05	2,26	8,98	2,27	8,84	2,29
	0,0	10,53	2,31	10,39	2,33	10,25	2,36	10,18	2,37	10,11	2,38	9,97	2,41
	6,0	11,89	2,44	11,75	2,47	11,61	2,49	11,54	2,50	11,47	2,51	11,33	2,54
	10,0	12,79	2,53	12,66	2,55	12,52	2,58	12,45	2,59	12,38	2,60	12,24	2,63
1.5+1.5+3.5	-15,0	13,93	2,64	13,79	2,67	13,65	2,69	13,58	2,70	13,51	2,71	13,37	2,74
	-10,0	15,06	2,75	14,92	2,78	14,78	2,80	14,71	2,81	14,64	2,82	14,50	2,85
	-5,0	16,20	2,86	16,06	2,89	15,92	2,91	15,85	2,92	15,78	2,93	15,64	2,96
	0,0	17,34	2,97	17,20	2,99	17,06	3,02	17,00	3,03	16,93	3,04	16,79	3,07
	6,0	18,48	3,08	18,34	3,11	18,20	3,13	18,13	3,14	18,06	3,15	17,92	3,18
	10,0	19,62	3,19	19,48	3,22	19,34	3,24	19,27	3,25	19,20	3,26	19,06	3,29
1.5+1.5+4.2	-15,0	20,76	3,30	20,62	3,33	20,48	3,35	20,41	3,36	20,34	3,37	20,20	3,40
	-10,0	21,89	3,41	21,75	3,44	21,61	3,46	21,54	3,47	21,47	3,48	21,33	3,51
	-5,0	23,03	3,52	22,89	3,55	22,75	3,57	22,68	3,58	22,61	3,59	22,47	3,62
	0,0	24,17	3,63	24,03	3,66	23,89	3,68	23,82	3,69	23,75	3,70	23,61	3,73
	6,0	25,31	3,74	25,17	3,77	25,03	3,79	24,96	3,80	24,89	3,81	24,75	3,84
	10,0	26,45	3,85	26,31	3,88	26,17	3,90	26,10	3,91	26,03	3,92	25,89	3,95
1.5+1.5+5.0	-15,0	27,59	3,96	27,45	3,99	27,31	4,01	27,24	4,02	27,17	4,03	27,03	4,06
	-10,0	28,72	4,07	28,58	4,10	28,44	4,12	28,37	4,13	28,30	4,14	28,16	4,17
	-5,0	29,86	4,18	29,72	4,21	29,58	4,23	29,51	4,24	29,44	4,25	29,30	4,28
	0,0	31,00	4,29	30,86	4,32	30,72	4,34	30,65	4,35	30,58	4,36	30,44	4,39
	6,0	32,14	4,40	32,00	4,43	31,86	4,45	31,79	4,46	31,72	4,47	31,58	4,50
	10,0	33,28	4,51	33,14	4,54	33,00	4,56	32,93	4,57	32,86	4,58	32,72	4,61
1.5+1.5+6.0	-15,0	34,42	4,62	34,28	4,65	34,14	4,67	34,07	4,68	34,00	4,69	33,86	4,72
	-10,0	35,55	4,73	35,41	4,76	35,27	4,78	35,20	4,79	35,13	4,80	35,00	4,83
	-5,0	36,69	4,84	36,55	4,87	36,41	4,89	36,34	4,90	36,27	4,91	36,13	4,94
	0,0	37,83	4,95	37,69	4,98	37,55	5,00	37,48	5,01	37,41	5,02	37,27	5,05
	6,0	38,97	5,06	38,83	5,09	38,69	5,11	38,62	5,12	38,55	5,13	38,41	5,16
	10,0	40,11	5,17	39,97	5,20	39,83	5,22	39,76	5,23	39,69	5,24	39,55	5,27
1.5+2.0+2.0	-15,0	41,25	5,28	41,11	5,31	40,97	5,33	40,90	5,34	40,83	5,35	40,69	5,38
	-10,0	42,38	5,39	42,24	5,42	42,10	5,44	42,03	5,45	41,96	5,46	41,82	5,49
	-5,0	43,52	5,50	43,38	5,53	43,24	5,55	43,17	5,56	43,10	5,57	42,96	5,60
	0,0	44,66	5,61	44,52	5,64	44,38	5,66	44,31	5,67	44,24	5,68	44,10	5,71
	6,0	45,80	5,72	45,66	5,75	45,52	5,77	45,45	5,78	45,38	5,79	45,24	5,82
	10,0	46,94	5,83	46,80	5,86	46,66	5,88	46,59	5,89	46,52	5,90	46,38	5,93

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°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+2.0+2.5	-15,0	7,31	2,04	7,17	2,07	7,03	2,09	6,96	2,11	6,89	2,12	6,75	2,14
	-10,0	8,44	2,16	8,30	2,18	8,16	2,20	8,09	2,22	8,02	2,23	7,88	2,25
	-5,0	9,57	2,27	9,43	2,29	9,30	2,32	9,23	2,33	9,16	2,34	9,02	2,36
	0,0	10,71	2,38	10,57	2,40	10,43	2,43	10,36	2,44	10,29	2,45	10,15	2,48
	6,0	12,07	2,51	11,93	2,54	11,79	2,56	11,72	2,57	11,65	2,58	11,51	2,61
	10,0	12,97	2,60	12,84	2,62	12,70	2,65	12,63	2,66	12,56	2,67	12,42	2,70
1.5+2.0+3.5	-15,0	14,11	2,71	13,97	2,74	13,83	2,76	13,76	2,77	13,69	2,78	13,55	2,81
	-10,0	15,24	2,82	15,10	2,85	14,96	2,87	14,89	2,88	14,82	2,89	14,68	2,92
	-5,0	16,38	2,93	16,24	2,96	16,10	2,98	16,03	2,99	15,96	3,00	15,82	3,03
	0,0	17,52	3,04	17,38	3,07	17,24	3,09	17,17	3,10	17,10	3,11	16,96	3,14
	6,0	18,66	3,15	18,52	3,18	18,38	3,20	18,31	3,21	18,24	3,22	18,10	3,25
	10,0	19,80	3,26	19,66	3,29	19,52	3,31	19,45	3,32	19,38	3,33	19,24	3,36
1.5+2.0+4.2	-15,0	20,94	3,37	20,80	3,40	20,66	3,42	20,59	3,43	20,52	3,44	20,38	3,47
	-10,0	22,07	3,48	21,93	3,51	21,79	3,53	21,72	3,54	21,65	3,55	21,51	3,58
	-5,0	23,21	3,59	23,07	3,62	22,93	3,64	22,86	3,65	22,79	3,66	22,65	3,69
	0,0	24,35	3,70	24,21	3,73	24,07	3,75	24,00	3,76	23,93	3,77	23,79	3,80
	6,0	25,49	3,81	25,35	3,84	25,21	3,86	25,14	3,87	25,07	3,88	24,93	3,91
	10,0	26,63	3,92	26,49	3,95	26,35	3,97	26,28	3,98	26,21	3,99	26,07	4,02
1.5+2.0+5.0	-15,0	27,77	4,03	27,63	4,06	27,49	4,08	27,42	4,09	27,35	4,10	27,21	4,13
	-10,0	28,90	4,14	28,76	4,17	28,62	4,19	28,55	4,20	28,48	4,21	28,34	4,24
	-5,0	30,04	4,25	29,90	4,28	29,76	4,30	29,69	4,31	29,62	4,32	29,48	4,35
	0,0	31,18	4,36	31,04	4,39	30,90	4,41	30,83	4,42	30,76	4,43	30,62	4,46
	6,0	32,32	4,47	32,18	4,50	32,04	4,52	31,97	4,53	31,90	4,54	31,76	4,57
	10,0	33,46	4,58	33,32	4,61	33,18	4,63	33,11	4,64	33,04	4,65	32,90	4,68
1.5+2.0+6.0	-15,0	34,60	4,69	34,46	4,72	34,32	4,74	34,25	4,75	34,18	4,76	34,04	4,79
	-10,0	35,73	4,80	35,59	4,83	35,45	4,85	35,38	4,86	35,31	4,87	35,17	4,90
	-5,0	36,87	4,91	36,73	4,94	36,59	4,96	36,52	4,97	36,45	4,98	36,31	5,01
	0,0	38,01	5,02	37,87	5,05	37,73	5,07	37,66	5,08	37,59	5,09	37,45	5,12
	6,0	39,15	5,13	39,01	5,16	38,87	5,18	38,80	5,19	38,73	5,20	38,59	5,23
	10,0	40,29	5,24	40,15	5,27	40,01	5,29	39,94	5,30	39,87	5,31	39,73	5,34
1.5+2.5+2.5	-15,0	41,43	5,35	41,29	5,38	41,15	5,40	41,08	5,41	41,01	5,42	40,87	5,45
	-10,0	42,56	5,46	42,42	5,49	42,28	5,51	42,21	5,52	42,14	5,53	42,00	5,56
	-5,0	43,70	5,57	43,56	5,60	43,42	5,62	43,35	5,63	43,28	5,64	43,14	5,67
	0,0	44,84	5,68	44,70	5,71	44,56	5,73	44,49	5,74	44,42	5,75	44,28	5,78
	6,0	45,98	5,79	45,84	5,82	45,70	5,84	45,63	5,85	45,56	5,86	45,42	5,89
	10,0	47,12	5,90	46,98	5,93	46,84	5,95	46,77	5,96	46,70	5,97	46,56	6,00

Notes

- The capacities are based on the following conditions:
Corresponding refrigerant piping length: 5 m
Level difference: 0m
- The bold cells indicate the standard conditions.
- The values above are for connecting with the following indoor unit types:
1.5,2.0,2.5,3.5,4.2,5.0,6.0 kW class
Wall-mounted CTXM-M,FTXM-M series

Symbols

- TC: Total capacity [kW]
- PI: Power input [kW]
- ① Indoor unit combinations
- ② Outdoor air temperature [°C WB]

3D103925

5 Capacity tables

5 - 2 Heating Capacity Tables

4MXM68M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°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	-15.0	7.53	2.23	7.38	2.26	7.24	2.28	7.17	2.29	7.10	2.31	6.96	2.33
	-10.0	8.68	2.35	8.54	2.37	8.40	2.40	8.33	2.41	8.26	2.43	8.11	2.45
	-5.0	9.83	2.47	9.69	2.49	9.55	2.52	9.48	2.53	9.41	2.55	9.27	2.57
	0.0	10.99	2.59	10.85	2.61	10.71	2.64	10.63	2.65	10.56	2.66	10.42	2.69
	6.0	12.37	2.73	12.23	2.75	12.09	2.78	12.02	2.79	11.95	2.81	11.81	2.83
	10.0	13.30	2.82	13.15	2.85	13.01	2.87	12.94	2.89	12.87	2.90	12.73	2.93
2.0+2.0+4.2	-15.0	7.53	2.23	7.38	2.26	7.24	2.28	7.17	2.29	7.10	2.31	6.96	2.33
	-10.0	8.68	2.35	8.54	2.37	8.40	2.40	8.33	2.41	8.26	2.43	8.11	2.45
	-5.0	9.83	2.47	9.69	2.49	9.55	2.52	9.48	2.53	9.41	2.55	9.27	2.57
	0.0	10.99	2.59	10.85	2.61	10.71	2.64	10.63	2.65	10.56	2.66	10.42	2.69
	6.0	12.37	2.73	12.23	2.75	12.09	2.78	12.02	2.79	11.95	2.81	11.81	2.83
	10.0	13.30	2.82	13.15	2.85	13.01	2.87	12.94	2.89	12.87	2.90	12.73	2.93
2.0+2.0+5.0	-15.0	7.65	2.28	7.51	2.31	7.37	2.34	7.30	2.35	7.22	2.36	7.08	2.39
	-10.0	8.83	2.41	8.69	2.43	8.54	2.46	8.47	2.47	8.40	2.49	8.25	2.51
	-5.0	10.00	2.53	9.86	2.56	9.72	2.58	9.64	2.60	9.57	2.61	9.43	2.64
	0.0	11.18	2.65	11.03	2.68	10.89	2.70	10.82	2.72	10.75	2.73	10.60	2.76
	6.0	12.59	2.80	12.44	2.82	12.30	2.85	12.23	2.86	12.16	2.88	12.01	2.90
	10.0	13.53	2.89	13.38	2.92	13.24	2.95	13.17	2.96	13.10	2.97	12.95	3.00
2.0+2.0+6.0	-15.0	7.78	2.02	7.64	2.05	7.50	2.08	7.43	2.09	7.35	2.10	7.21	2.13
	-10.0	8.96	2.15	8.82	2.17	8.67	2.20	8.60	2.21	8.53	2.23	8.38	2.25
	-5.0	10.13	2.27	9.99	2.30	9.85	2.32	9.77	2.34	9.70	2.35	9.56	2.38
	0.0	11.31	2.39	11.16	2.42	11.02	2.44	10.95	2.46	10.88	2.47	10.73	2.50
	6.0	12.72	2.54	12.57	2.56	12.43	2.59	12.36	2.60	12.29	2.62	12.14	2.64
	10.0	13.66	2.63	13.51	2.66	13.37	2.69	13.30	2.70	13.23	2.71	13.08	2.74
2.0+2.5+2.5	-15.0	7.49	2.21	7.35	2.24	7.21	2.26	7.14	2.28	7.07	2.29	6.93	2.31
	-10.0	8.62	2.33	8.48	2.35	8.34	2.37	8.27	2.39	8.20	2.40	8.06	2.42
	-5.0	9.75	2.44	9.61	2.46	9.48	2.49	9.41	2.50	9.34	2.51	9.20	2.53
	0.0	10.89	2.55	10.75	2.57	10.61	2.60	10.54	2.61	10.47	2.62	10.33	2.65
	6.0	12.25	2.68	12.11	2.71	11.97	2.73	11.90	2.74	11.83	2.75	11.69	2.78
	10.0	13.15	2.77	13.02	2.79	12.88	2.82	12.81	2.83	12.74	2.84	12.60	2.87
2.0+2.5+3.5	-15.0	7.53	2.23	7.38	2.26	7.24	2.28	7.17	2.29	7.10	2.31	6.96	2.33
	-10.0	8.68	2.35	8.54	2.37	8.40	2.40	8.33	2.41	8.26	2.43	8.11	2.45
	-5.0	9.83	2.47	9.69	2.49	9.55	2.52	9.48	2.53	9.41	2.55	9.27	2.57
	0.0	10.99	2.59	10.85	2.61	10.71	2.64	10.63	2.65	10.56	2.66	10.42	2.69
	6.0	12.37	2.73	12.23	2.75	12.09	2.78	12.02	2.79	11.95	2.81	11.81	2.83
	10.0	13.30	2.82	13.15	2.85	13.01	2.87	12.94	2.89	12.87	2.90	12.73	2.93

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°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+4.2	-15.0	7.54	2.22	7.39	2.25	7.25	2.27	7.18	2.28	7.11	2.30	6.97	2.32
	-10.0	8.69	2.34	8.55	2.36	8.41	2.39	8.34	2.40	8.27	2.42	8.12	2.44
	-5.0	9.84	2.46	9.70	2.48	9.56	2.51	9.49	2.52	9.42	2.54	9.28	2.56
	0.0	11.00	2.58	10.86	2.60	10.72	2.63	10.64	2.64	10.57	2.65	10.43	2.68
	6.0	12.38	2.72	12.24	2.74	12.10	2.77	12.03	2.78	11.96	2.80	11.82	2.82
	10.0	13.31	2.81	13.16	2.84	13.02	2.86	12.95	2.88	12.88	2.89	12.74	2.92
2.0+2.5+5.0	-15.0	7.89	2.31	7.75	2.34	7.61	2.37	7.54	2.38	7.46	2.39	7.32	2.42
	-10.0	9.07	2.44	8.93	2.46	8.78	2.49	8.71	2.50	8.64	2.52	8.49	2.54
	-5.0	10.24	2.56	10.10	2.59	9.96	2.61	9.88	2.63	9.81	2.64	9.67	2.67
	0.0	11.42	2.68	11.27	2.71	11.13	2.73	11.06	2.75	10.99	2.76	10.84	2.79
	6.0	12.83	2.83	12.68	2.85	12.54	2.88	12.47	2.89	12.40	2.91	12.25	2.93
	10.0	13.77	2.92	13.62	2.95	13.48	2.98	13.41	2.99	13.34	3.00	13.19	3.03
2.0+2.5+6.0	-15.0	7.90	1.99	7.76	2.02	7.62	2.05	7.55	2.06	7.47	2.07	7.33	2.10
	-10.0	9.08	2.12	8.94	2.14	8.79	2.17	8.72	2.18	8.65	2.20	8.50	2.22
	-5.0	10.25	2.24	10.11	2.27	9.97	2.29	9.89	2.31	9.82	2.32	9.68	2.35
	0.0	11.43	2.36	11.28	2.39	11.14	2.41	11.07	2.43	11.00	2.44	10.85	2.47
	6.0	12.84	2.51	12.69	2.53	12.55	2.56	12.48	2.57	12.41	2.59	12.26	2.61
	10.0	13.78	2.60	13.63	2.63	13.49	2.66	13.42	2.67	13.35	2.68	13.20	2.71
2.0+3.5+3.5	-15.0	7.61	2.27	7.46	2.30	7.32	2.32	7.25	2.34	7.18	2.35	7.04	2.38
	-10.0	8.78	2.39	8.63	2.42	8.49	2.44	8.42	2.46	8.35	2.47	8.20	2.50
	-5.0	9.94	2.51	9.80	2.54	9.66	2.56	9.59	2.58	9.52	2.59	9.37	2.62
	0.0	11.11	2.63	10.97	2.66	10.83	2.69	10.76	2.70	10.68	2.71	10.54	2.74
	6.0	12.52	2.78	12.37	2.80	12.23	2.83	12.16	2.84	12.09	2.86	11.94	2.88
	10.0	13.45	2.87	13.31	2.90	13.16	2.93	13.09	2.94	13.02	2.95	12.88	2.98
2.0+3.5+4.2	-15.0	7.61	2.26	7.46	2.29	7.32	2.31	7.25	2.33	7.18	2.34	7.04	2.37
	-10.0	8.78	2.38	8.63	2.41	8.49	2.43	8.42	2.45	8.35	2.46	8.20	2.49
	-5.0	9.94	2.50	9.80	2.53	9.66	2.55	9.59	2.57	9.52	2.58	9.37	2.61
	0.0	11.11	2.62	10.97	2.65	10.83	2.68	10.76	2.69	10.68	2.70	10.54	2.73
	6.0	12.52	2.77	12.37	2.79	12.23	2.82	12.16	2.83	12.09	2.85	11.94	2.87
	10.0	13.45	2.86	13.31	2.89	13.16	2.92	13.09	2.93	13.02	2.94	12.88	2.97
2.0+3.5+5.0	-15.0	7.86	2.38	7.71	2.40	7.56	2.43	7.49	2.44	7.42	2.46	7.27	2.49
	-10.0	9.07	2.50	8.92	2.53	8.77	2.56	8.70	2.57	8.62	2.58	8.48	2.61
	-5.0	10.27	2.63	10.12	2.66	9.98	2.68	9.90	2.70	9.83	2.71	9.68	2.74
	0.0	11.48	2.75	11.33	2.78	11.18	2.81	11.11	2.82	11.04	2.84	10.89	2.86
	6.0	12.92	2.90	12.78	2.93	12.63	2.96	12.56	2.97	12.48	2.99	12.34	3.02
	10.0	13.89	3.01	13.74	3.03	13.59	3.06	13.52	3.07	13.45	3.09	13.30	3.12

Notes

- The capacities are based on the following conditions:
Corresponding refrigerant piping length: 5 m
Level difference: 0m
- The bold cells indicate the standard conditions.
- The values above are for connecting with the following indoor unit types:
2.0,2.5,3.5,4.2,5.0,6.0 kW class
Wall-mounted FTXM-M series

Symbols

- TC: Total capacity [kW]
- PI: Power input [kW]
- ① Indoor unit combinations
- ② Outdoor air temperature [°C WB]

3D103927

5 Capacity tables

5 - 2 Heating Capacity Tables

4MXM68M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°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+1.5+1.5+2.0	-15,0	7,09	1,81	6,95	1,84	6,80	1,86	6,73	1,87	6,66	1,88	6,52	1,91
	-10,0	8,26	1,92	8,12	1,94	7,98	1,97	7,90	1,98	7,83	1,99	7,69	2,01
	-5,0	9,44	2,03	9,29	2,05	9,15	2,07	9,08	2,09	9,01	2,10	8,86	2,12
	0,0	10,61	2,13	10,47	2,16	10,32	2,18	10,25	2,19	10,18	2,20	10,04	2,23
	6,0	12,02	2,26	11,87	2,29	11,73	2,31	11,66	2,32	11,59	2,33	11,44	2,36
	10,0	12,96	2,35	12,81	2,37	12,67	2,40	12,60	2,41	12,53	2,42	12,38	2,44
1.5+1.5+1.5+2.5	-15,0	7,20	1,77	7,06	1,80	6,91	1,82	6,84	1,83	6,77	1,84	6,63	1,87
	-10,0	8,37	1,88	8,23	1,90	8,09	1,93	8,01	1,94	7,94	1,95	7,80	1,97
	-5,0	9,55	1,99	9,40	2,01	9,26	2,03	9,19	2,05	9,12	2,06	8,97	2,08
	0,0	10,72	2,09	10,58	2,12	10,43	2,14	10,36	2,15	10,29	2,16	10,15	2,19
	6,0	12,13	2,22	11,98	2,25	11,84	2,27	11,77	2,28	11,70	2,29	11,55	2,32
	10,0	13,07	2,31	12,92	2,33	12,78	2,36	12,71	2,37	12,64	2,38	12,49	2,40
1.5+1.5+1.5+3.5	-15,0	7,24	1,83	7,10	1,85	6,95	1,88	6,88	1,89	6,81	1,90	6,66	1,92
	-10,0	8,44	1,94	8,29	1,96	8,15	1,98	8,07	2,00	8,00	2,01	7,85	2,03
	-5,0	9,63	2,04	9,49	2,07	9,34	2,09	9,27	2,10	9,20	2,12	9,05	2,14
	0,0	10,83	2,15	10,68	2,18	10,54	2,20	10,46	2,21	10,39	2,22	10,24	2,25
	6,0	12,26	2,28	12,12	2,31	11,97	2,33	11,90	2,34	11,82	2,35	11,68	2,38
	10,0	13,22	2,37	13,07	2,39	12,93	2,42	12,85	2,43	12,78	2,44	12,63	2,46
1.5+1.5+1.5+4.2	-15,0	7,28	1,87	7,14	1,89	6,99	1,92	6,92	1,93	6,85	1,94	6,70	1,96
	-10,0	8,44	1,93	8,29	1,95	8,15	1,97	8,07	1,99	8,00	2,00	7,85	2,02
	-5,0	9,63	2,03	9,49	2,06	9,34	2,08	9,27	2,09	9,20	2,11	9,05	2,13
	0,0	10,83	2,14	10,68	2,17	10,54	2,19	10,46	2,20	10,39	2,21	10,24	2,24
	6,0	12,26	2,27	12,12	2,30	11,97	2,32	11,90	2,33	11,82	2,34	11,68	2,37
	10,0	13,22	2,36	13,07	2,38	12,93	2,41	12,85	2,42	12,78	2,43	12,63	2,45
1.5+1.5+1.5+5.0	-15,0	7,28	1,87	7,14	1,89	6,99	1,92	6,92	1,93	6,85	1,94	6,70	1,96
	-10,0	8,49	1,86	8,34	1,88	8,19	1,91	8,12	1,92	8,04	1,93	7,90	1,95
	-5,0	9,69	1,96	9,54	1,99	9,39	2,01	9,32	2,02	9,25	2,03	9,10	2,06
	0,0	10,89	2,07	10,74	2,09	10,60	2,11	10,52	2,13	10,45	2,14	10,30	2,16
	6,0	12,33	2,19	12,19	2,22	12,04	2,24	11,97	2,25	11,89	2,26	11,75	2,29
	10,0	13,30	2,28	13,15	2,30	13,00	2,32	12,93	2,34	12,86	2,35	12,71	2,37
1.5+1.5+1.5+6.0	-15,0	7,64	1,60	7,50	1,63	7,35	1,65	7,34	1,66	7,20	1,67	7,06	1,70
	-10,0	8,85	1,71	8,70	1,73	8,55	1,76	8,48	1,77	8,40	1,78	8,26	1,80
	-5,0	10,05	1,81	9,90	1,84	9,75	1,86	9,68	1,87	9,61	1,88	9,46	1,91
	0,0	11,25	1,92	11,10	1,94	10,96	1,96	10,88	1,98	10,81	1,99	10,66	2,01
	6,0	12,69	2,04	12,55	2,07	12,40	2,09	12,33	2,10	12,25	2,11	12,11	2,14
	10,0	13,66	2,13	13,51	2,15	13,36	2,17	13,29	2,19	13,22	2,20	13,07	2,22

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°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+1.5+2.0+2.0	-15,0	7,28	1,88	7,14	1,91	6,99	1,93	6,92	1,94	6,85	1,95	6,71	1,98
	-10,0	8,45	1,99	8,31	2,01	8,17	2,04	8,09	2,05	8,02	2,06	7,88	2,08
	-5,0	9,63	2,10	9,48	2,12	9,34	2,14	9,27	2,16	9,20	2,17	9,05	2,19
	0,0	10,80	2,20	10,66	2,23	10,51	2,25	10,44	2,26	10,37	2,27	10,23	2,30
	6,0	12,21	2,33	12,06	2,36	11,92	2,38	11,85	2,39	11,78	2,40	11,63	2,43
	10,0	13,15	2,42	13,00	2,44	12,86	2,47	12,79	2,48	12,72	2,49	12,57	2,51
1.5+1.5+2.0+2.5	-15,0	7,38	1,85	7,24	1,88	7,09	1,90	7,02	1,91	6,95	1,92	6,81	1,95
	-10,0	8,55	1,96	8,41	1,98	8,27	2,01	8,19	2,02	8,12	2,03	7,98	2,05
	-5,0	9,73	2,07	9,58	2,09	9,44	2,11	9,37	2,13	9,30	2,14	9,15	2,16
	0,0	10,90	2,17	10,76	2,20	10,61	2,22	10,54	2,23	10,47	2,24	10,33	2,27
	6,0	12,31	2,30	12,16	2,33	12,02	2,35	11,95	2,36	11,88	2,37	11,73	2,40
	10,0	13,25	2,39	13,10	2,41	12,96	2,44	12,89	2,45	12,82	2,46	12,67	2,48
1.5+1.5+2.0+3.5	-15,0	7,42	1,89	7,28	1,91	7,13	1,94	7,06	1,95	6,99	1,96	6,84	1,98
	-10,0	8,62	2,00	8,47	2,02	8,33	2,04	8,25	2,06	8,18	2,07	8,03	2,09
	-5,0	9,81	2,10	9,67	2,13	9,52	2,15	9,45	2,16	9,38	2,18	9,23	2,20
	0,0	11,01	2,21	10,86	2,24	10,72	2,26	10,64	2,27	10,57	2,28	10,42	2,31
	6,0	12,44	2,34	12,30	2,37	12,15	2,39	12,08	2,40	12,00	2,41	11,86	2,44
	10,0	13,40	2,43	13,25	2,45	13,11	2,48	13,03	2,49	12,96	2,50	12,81	2,52
1.5+1.5+2.0+4.2	-15,0	7,43	1,89	7,29	1,91	7,14	1,94	7,07	1,95	7,00	1,96	6,85	1,98
	-10,0	8,63	2,00	8,48	2,02	8,34	2,04	8,26	2,06	8,19	2,07	8,04	2,09
	-5,0	9,82	2,10	9,68	2,13	9,53	2,15	9,46	2,16	9,39	2,18	9,24	2,20
	0,0	11,02	2,21	10,87	2,24	10,73	2,26	10,65	2,27	10,58	2,28	10,43	2,31
	6,0	12,45	2,34	12,31	2,37	12,16	2,39	12,09	2,40	12,01	2,41	11,87	2,44
	10,0	13,41	2,43	13,26	2,45	13,12	2,48	13,04	2,49	12,97	2,50	12,82	2,52
1.5+1.5+2.0+5.0	-15,0	7,47	1,92	7,33	1,85	7,18	1,87	7,17	1,88	7,03	1,89	6,89	1,92
	-10,0	8,68	1,93	8,53	1,95	8,38	1,98	8,31	1,99	8,23	2,00	8,09	2,02
	-5,0	9,88	2,03	9,73	2,06	9,58	2,08	9,51	2,09	9,44	2,10	9,29	2,13
	0,0	11,08	2,14	10,93	2,16	10,79	2,18	10,71	2,20	10,64	2,21	10,49	2,23
	6,0	12,52	2,26	12,38	2,29	12,23	2,31	12,16	2,32	12,08	2,33	11,94	2,36
	10,0	13,49	2,35	13,34	2,37	13,19	2,39	13,12	2,41	13,05	2,42	12,90	2,44
1.5+1.5+2.0+6.0	-15,0	7,83	1,66	7,69	1,69	7,54	1,71	7,53	1,72	7,39	1,73	7,25	1,76
	-10,0	9,04	1,77	8,89	1,79	8,74	1,82	8,67	1,83	8,59	1,84	8,45	1,86
	-5,0	10,24	1,87	10,09	1,90	9,94	1,92	9,87	1,93	9,80	1,94	9,65	1,97
	0,0	11,44	1,98	11,29	2,00	11,15	2,02	11,07	2,04	11,00	2,05	10,85	2,07
	6,0	12,88	2,10	12,74	2,13	12,59	2,15	12,52	2,16	12,44	2,17	12,30	2,20
	10,0	13,85	2,19	13,70	2,21	13,55	2,23	13,48	2,25	13,41	2,26	13,26	2,28

Notes

- The capacities are based on the following conditions:
Corresponding refrigerant piping length: 5 m
Level difference: 0m
- The bold cells indicate the standard conditions.
- The values above are for connecting with the following indoor unit types:
1.5,2.0,2.5,3.5,4.2,5.0,6.0 kW class
Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature
[°C WB]

3D103948

5 Capacity tables
5 - 2 Heating Capacity Tables

4MXM68M

Heating 50Hz 230V

Table with 2 main columns for indoor air temperature (16°C to 24°C) and sub-columns for Total Capacity (TC) and Power Input (PI) at various conditions. Rows include configurations like 1.5+2.0+2.5+3.5, 1.5+2.0+2.5+4.2, etc.

Table with 2 main columns for indoor air temperature (16°C to 24°C) and sub-columns for Total Capacity (TC) and Power Input (PI) at various conditions. Rows include configurations like 1.5+2.5+2.5+4.2, 1.5+2.5+3.5+3.5, etc.

- Notes: 1. The capacities are based on the following conditions: Corresponding refrigerant piping length: 5 m Level difference: 0m 2. The bold cells indicate the standard conditions. 3. The values above are for connecting with the following indoor unit types: 1.5,2.0,2.5,3.5,4.2,5.0, kW class Wall-mounted CTXM-M,FTXM-M series

- Symbols: TC: Total capacity [kW] PI: Power input [kW] ① Indoor unit combinations ② Outdoor air temperature [°C WB]

3D104005

5 Capacity tables

5 - 2 Heating Capacity Tables

4MXM68M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°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+5.0	-15.0	7.59	1.97	7.45	2.00	7.30	2.02	7.29	2.03	7.15	2.04	7.01	2.07
	-10.0	8.80	2.08	8.65	2.10	8.50	2.13	8.43	2.14	8.35	2.15	8.21	2.17
	-5.0	10.00	2.18	9.85	2.21	9.70	2.23	9.63	2.24	9.56	2.25	9.41	2.28
	0.0	11.20	2.29	11.05	2.31	10.91	2.33	10.83	2.35	10.76	2.36	10.61	2.38
	6.0	12.64	2.41	12.50	2.44	12.35	2.46	12.28	2.47	12.20	2.48	12.06	2.51
	10.0	13.61	2.50	13.46	2.52	13.31	2.54	13.24	2.56	13.17	2.57	13.02	2.59
2.0+2.0+2.5+2.5	-15.0	7.68	1.97	7.54	2.00	7.39	2.02	7.32	2.03	7.25	2.04	7.11	2.07
	-10.0	8.85	2.08	8.71	2.10	8.57	2.13	8.49	2.14	8.42	2.15	8.28	2.17
	-5.0	10.03	2.19	9.88	2.21	9.74	2.23	9.67	2.25	9.60	2.26	9.45	2.28
	0.0	11.20	2.29	11.06	2.32	10.91	2.34	10.84	2.35	10.77	2.36	10.63	2.39
	6.0	12.61	2.42	12.46	2.45	12.32	2.47	12.25	2.48	12.18	2.49	12.03	2.52
	10.0	13.55	2.51	13.40	2.53	13.26	2.56	13.19	2.57	13.12	2.58	12.97	2.60
2.0+2.0+2.5+3.5	-15.0	7.87	1.96	7.73	1.98	7.58	2.01	7.51	2.02	7.44	2.03	7.29	2.05
	-10.0	9.07	2.07	8.92	2.09	8.78	2.11	8.70	2.13	8.63	2.14	8.48	2.16
	-5.0	10.26	2.17	10.12	2.20	9.97	2.22	9.90	2.23	9.83	2.25	9.68	2.27
	0.0	11.46	2.28	11.31	2.31	11.17	2.33	11.09	2.34	11.02	2.35	10.87	2.38
	6.0	12.89	2.41	12.75	2.44	12.60	2.46	12.53	2.47	12.45	2.48	12.31	2.51
	10.0	13.85	2.50	13.70	2.52	13.56	2.55	13.48	2.56	13.41	2.57	13.26	2.59
2.0+2.0+2.5+4.2	-15.0	7.71	1.99	7.57	2.01	7.42	2.04	7.35	2.05	7.28	2.06	7.13	2.09
	-10.0	8.91	2.10	8.76	2.12	8.62	2.14	8.54	2.16	8.47	2.17	8.32	2.19
	-5.0	10.10	2.20	9.96	2.23	9.81	2.25	9.74	2.26	9.67	2.28	9.52	2.30
	0.0	11.30	2.31	11.15	2.34	11.01	2.36	10.93	2.37	10.86	2.38	10.71	2.41
	6.0	12.73	2.44	12.59	2.47	12.44	2.49	12.37	2.50	12.29	2.51	12.15	2.54
	10.0	13.69	2.53	13.54	2.55	13.40	2.58	13.32	2.59	13.25	2.60	13.10	2.62
2.0+2.0+3.5+3.5	-15.0	7.48	1.90	7.33	1.93	7.18	1.95	7.11	1.96	7.03	1.97	6.89	2.00
	-10.0	8.68	2.01	8.53	2.04	8.39	2.06	8.31	2.07	8.24	2.08	8.09	2.11
	-5.0	9.89	2.12	9.74	2.15	9.59	2.17	9.52	2.18	9.45	2.19	9.30	2.22
	0.0	11.10	2.23	10.95	2.25	10.80	2.28	10.73	2.29	10.65	2.30	10.51	2.33
	6.0	12.55	2.36	12.40	2.39	12.25	2.41	12.18	2.42	12.10	2.43	11.95	2.46
	10.0	13.51	2.45	13.36	2.47	13.22	2.50	13.14	2.51	13.07	2.52	12.92	2.55
2.0+2.5+2.5+2.5	-15.0	14.72	2.56	14.57	2.58	14.42	2.61	14.35	2.62	14.28	2.63	14.13	2.66
	-10.0	7.76	2.00	7.62	2.03	7.47	2.05	7.40	2.06	7.33	2.07	7.19	2.10
	-5.0	8.93	2.11	8.79	2.13	8.65	2.16	8.57	2.17	8.50	2.18	8.36	2.20
	0.0	10.11	2.22	9.96	2.24	9.82	2.26	9.75	2.28	9.68	2.29	9.53	2.31
	6.0	11.28	2.32	11.14	2.35	10.99	2.37	10.92	2.38	10.85	2.39	10.71	2.42
	10.0	12.69	2.45	12.54	2.48	12.40	2.50	12.33	2.51	12.26	2.52	12.11	2.55

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°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	
2.0+2.5+2.5+3.5	-15.0	7.79	2.03	7.65	2.05	7.50	2.08	7.43	2.09	7.36	2.10	7.21	2.12
	-10.0	8.99	2.14	8.84	2.16	8.70	2.18	8.62	2.20	8.55	2.21	8.40	2.23
	-5.0	10.18	2.24	10.04	2.27	9.89	2.29	9.82	2.30	9.75	2.32	9.60	2.34
	0.0	11.38	2.35	11.23	2.38	11.09	2.40	11.01	2.41	10.94	2.42	10.79	2.45
	6.0	12.81	2.48	12.67	2.51	12.52	2.53	12.45	2.54	12.37	2.55	12.23	2.58
	10.0	13.77	2.57	13.62	2.59	13.48	2.62	13.40	2.63	13.33	2.64	13.18	2.66
2.5+2.5+2.5+2.5	-15.0	7.86	2.03	7.72	2.06	7.57	2.08	7.50	2.09	7.43	2.10	7.29	2.13
	-10.0	9.03	2.14	8.89	2.16	8.75	2.19	8.67	2.20	8.60	2.21	8.46	2.23
	-5.0	10.21	2.25	10.06	2.27	9.92	2.29	9.85	2.31	9.78	2.32	9.63	2.34
	0.0	11.38	2.35	11.24	2.38	11.09	2.40	11.02	2.41	10.95	2.42	10.81	2.45
	6.0	12.79	2.48	12.64	2.51	12.50	2.53	12.43	2.54	12.36	2.55	12.21	2.58
	10.0	13.73	2.57	13.58	2.59	13.44	2.62	13.37	2.63	13.30	2.64	13.15	2.66
2.5+2.5+2.5+3.5	-15.0	7.59	2.02	7.45	2.04	7.30	2.07	7.23	2.08	7.16	2.09	7.01	2.11
	-10.0	8.79	2.13	8.64	2.15	8.50	2.17	8.42	2.19	8.35	2.20	8.20	2.22
	-5.0	9.98	2.23	9.84	2.26	9.69	2.28	9.62	2.29	9.55	2.31	9.40	2.33
	0.0	11.18	2.34	11.03	2.37	10.89	2.39	10.81	2.40	10.74	2.41	10.59	2.44
	6.0	12.61	2.47	12.47	2.50	12.32	2.52	12.25	2.53	12.17	2.54	12.03	2.57
	10.0	13.57	2.56	13.42	2.58	13.28	2.61	13.20	2.62	13.13	2.63	12.98	2.65

Notes

- The capacities are based on the following conditions:
Corresponding refrigerant piping length: 5 m
Level difference: 0m
- The bold cells indicate the standard conditions.
- The values above are for connecting with the following indoor unit types:
2.0,2.5,3.5,4.2,5.0, kW class
Wall-mounted FTXM-M series

Symbols

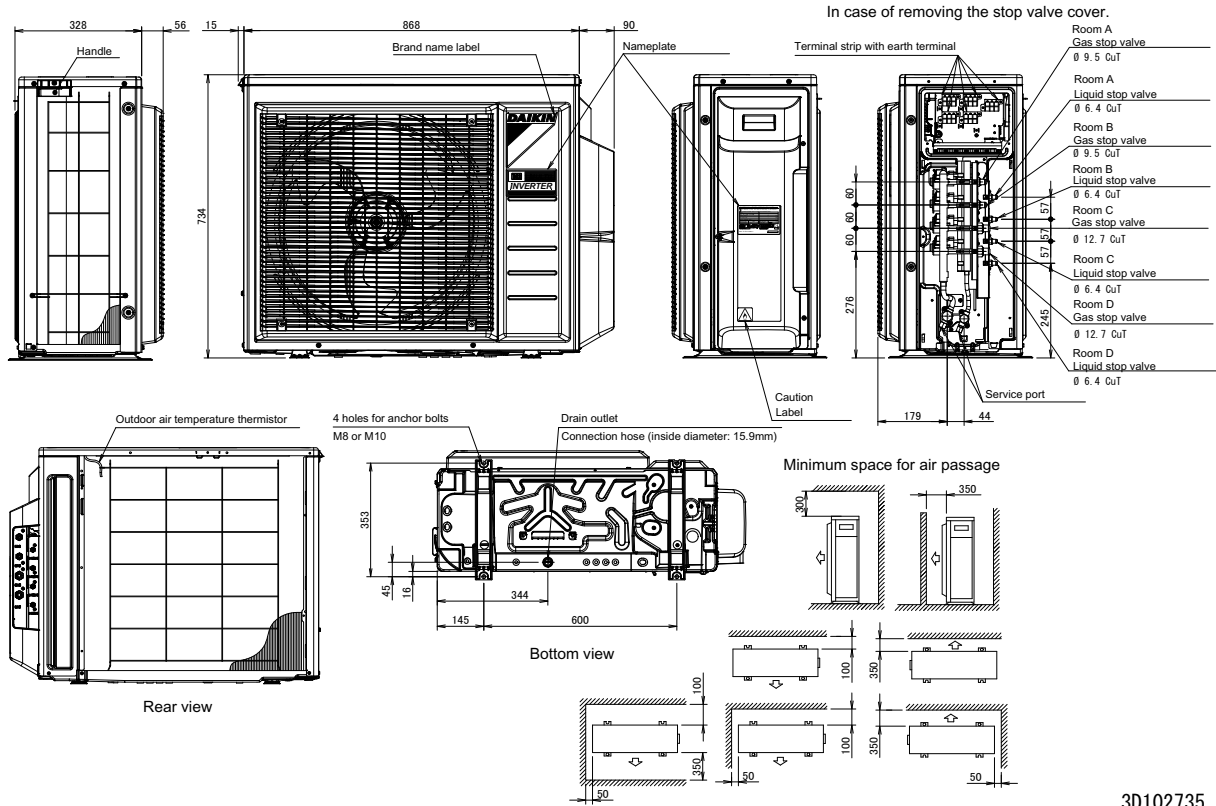
- TC: Total capacity [kW]
- PI: Power input [kW]
- ① Indoor unit combinations
- ② Outdoor air temperature [°C WB]

3D104012

6 Dimensional drawings

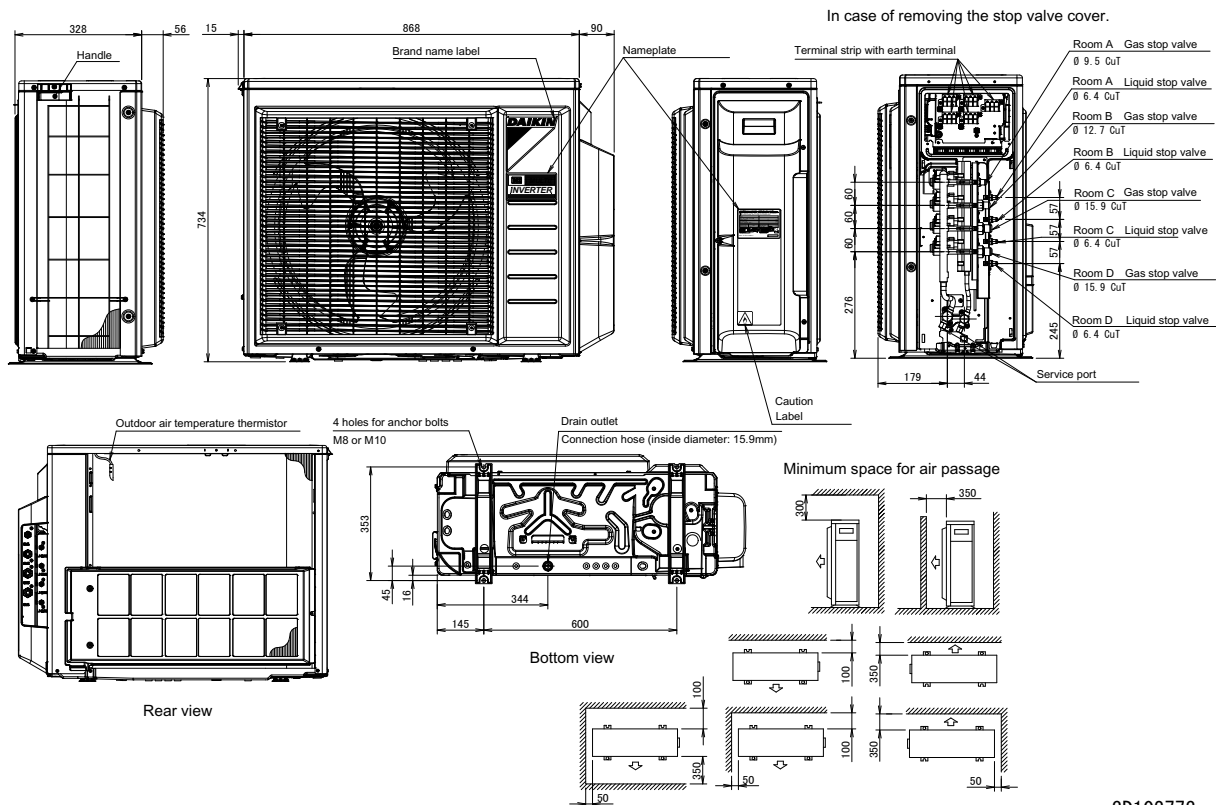
6 - 1 Dimensional Drawings

4MXM68M



3D102735

4MXM80M

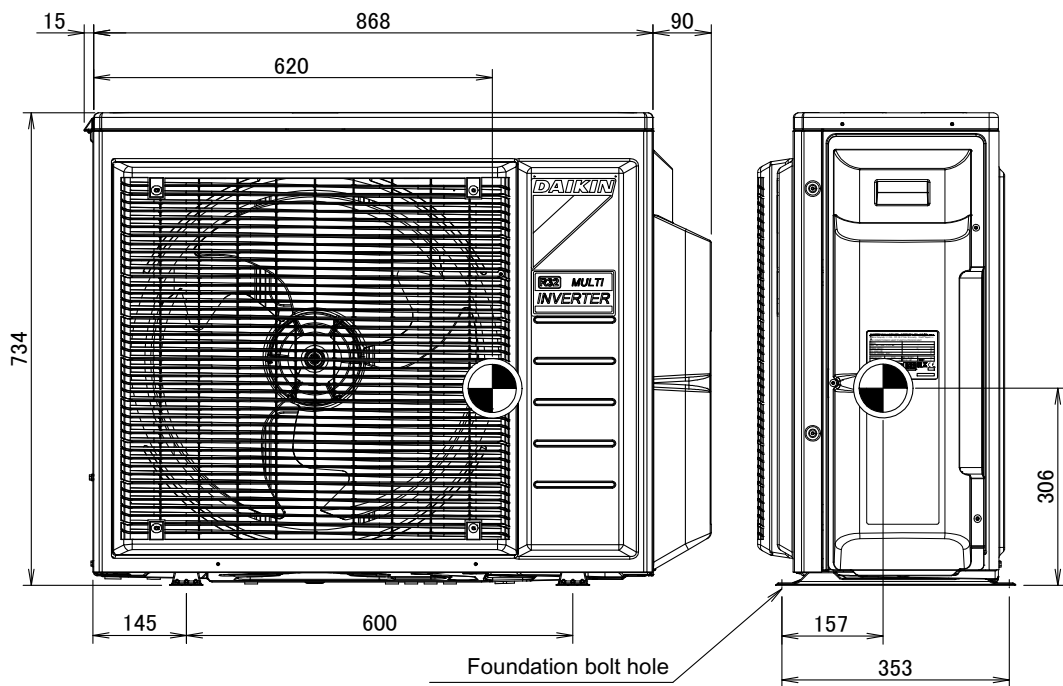


3D102773

7 Centre of gravity

7 - 1 Centre of Gravity

4MXM68M

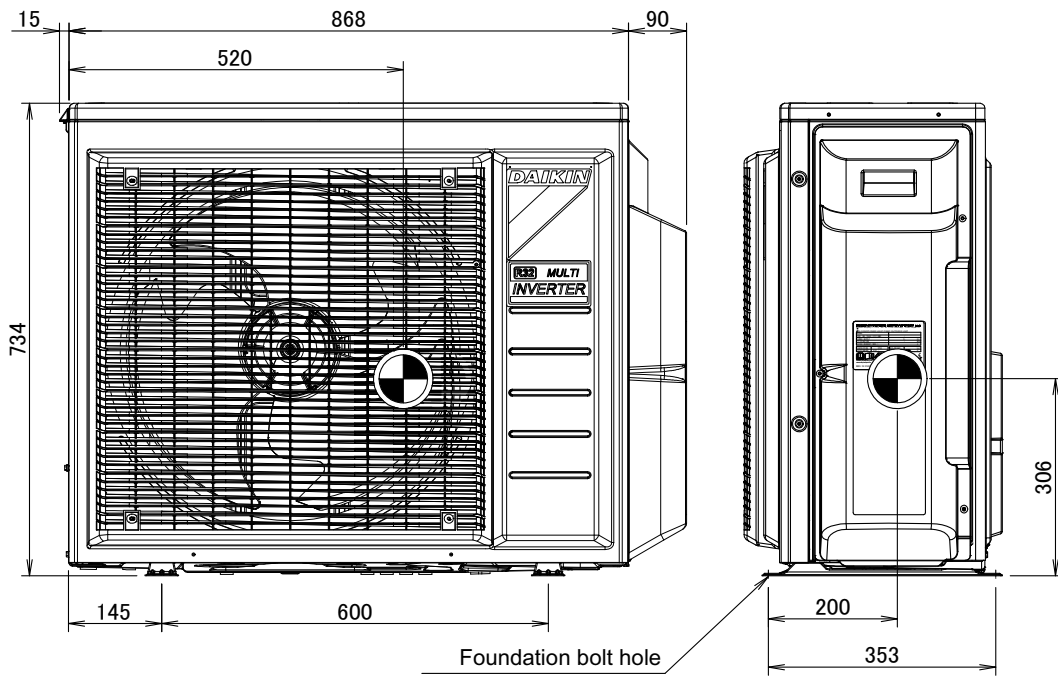


4D102822

7 Centre of gravity

7 - 1 Centre of Gravity

4MXM80M

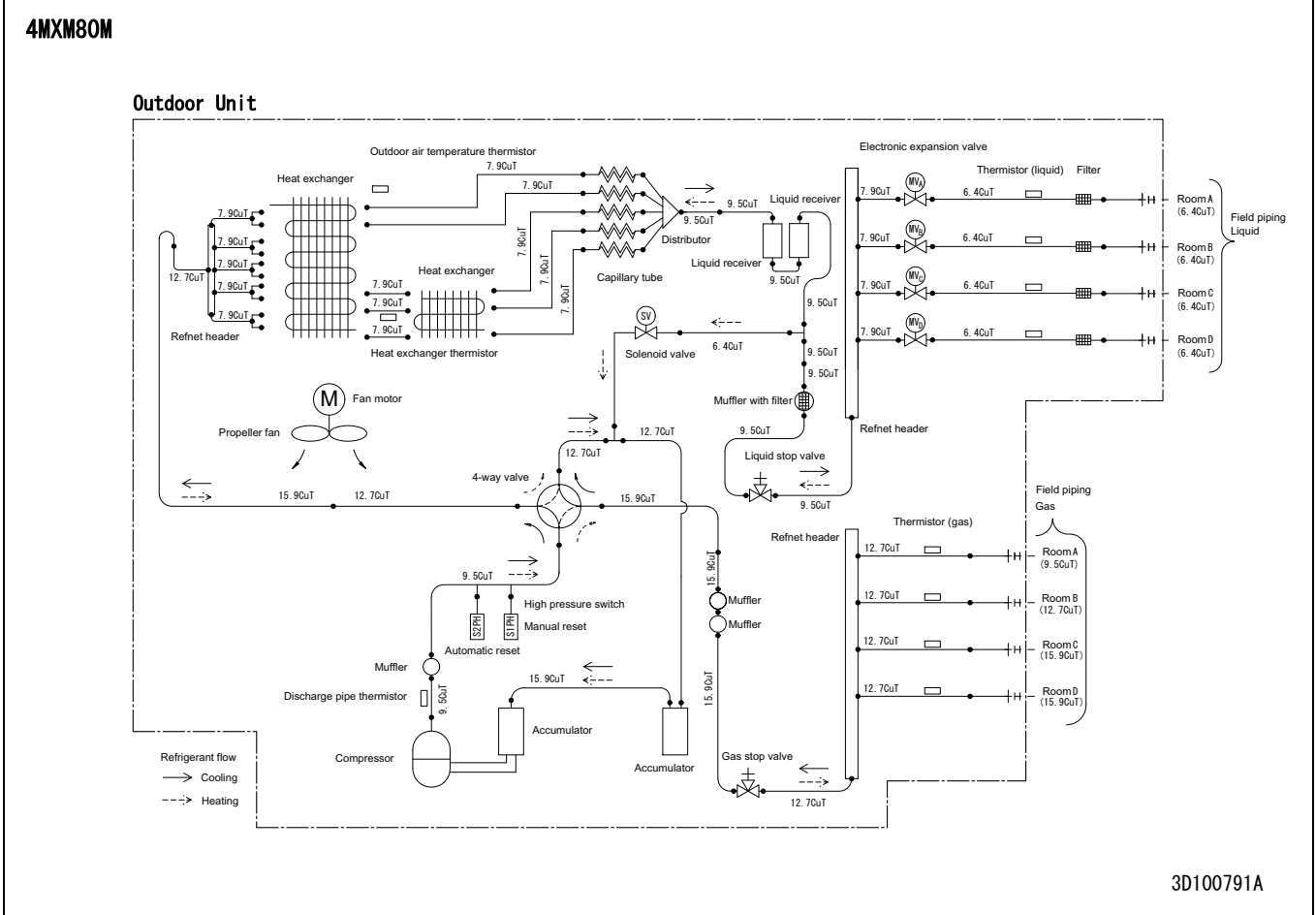
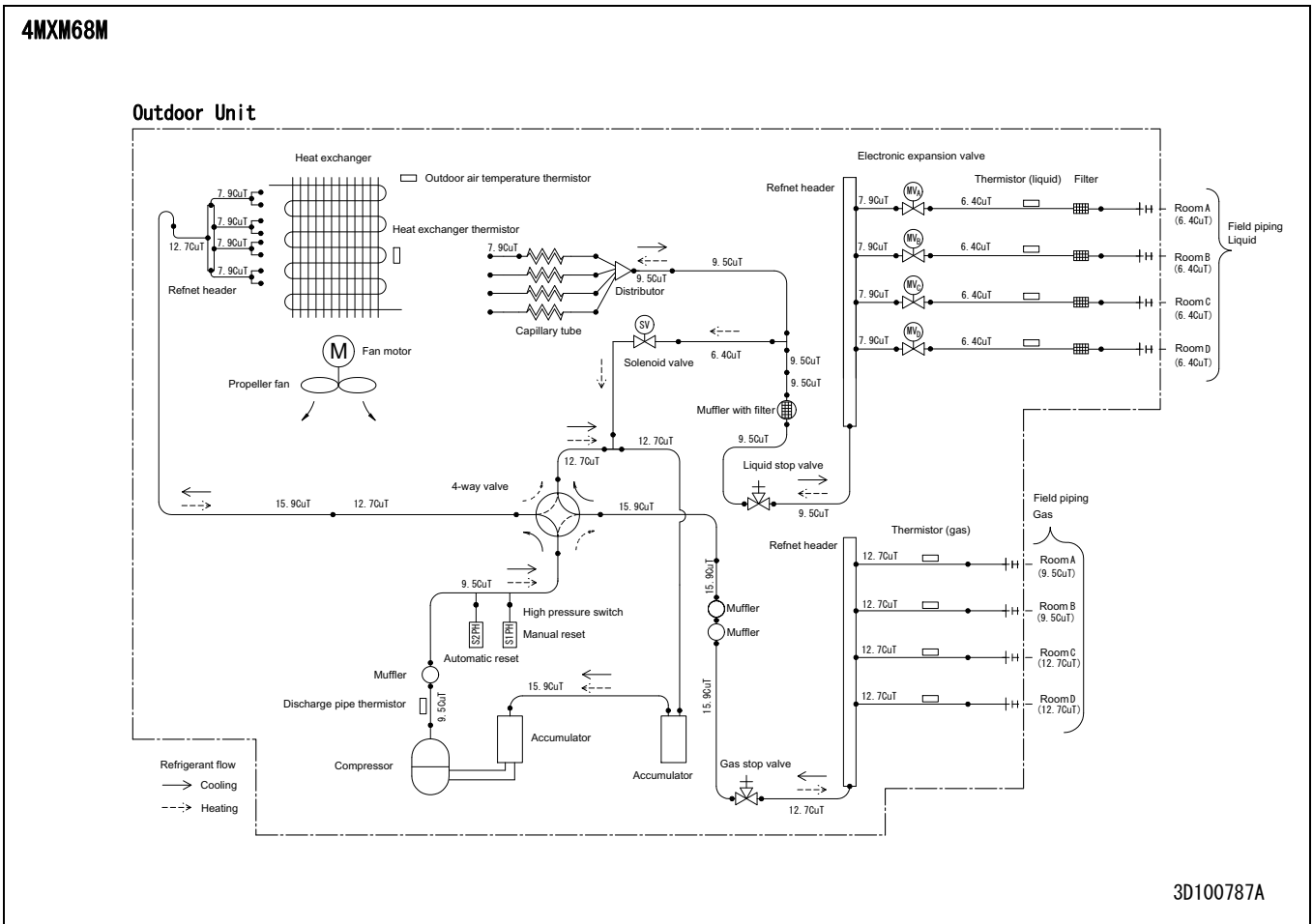


4D102821

8 Piping diagrams

8 - 1 Piping Diagrams

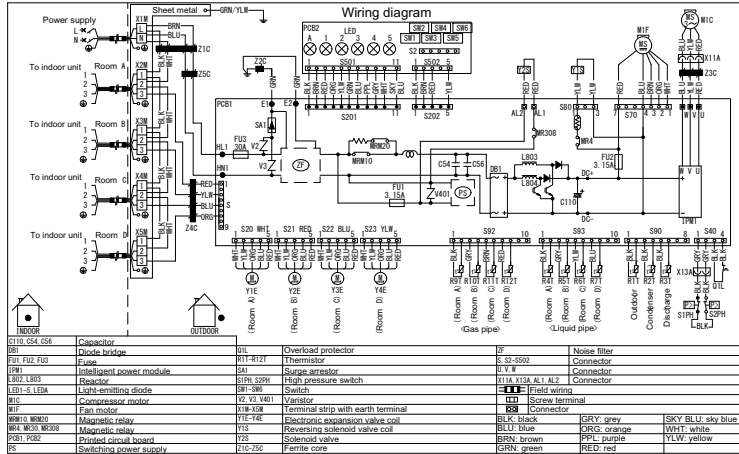
8



9 Wiring diagrams

9 - 1 Wiring Diagrams - Single Phase

4MXM-M



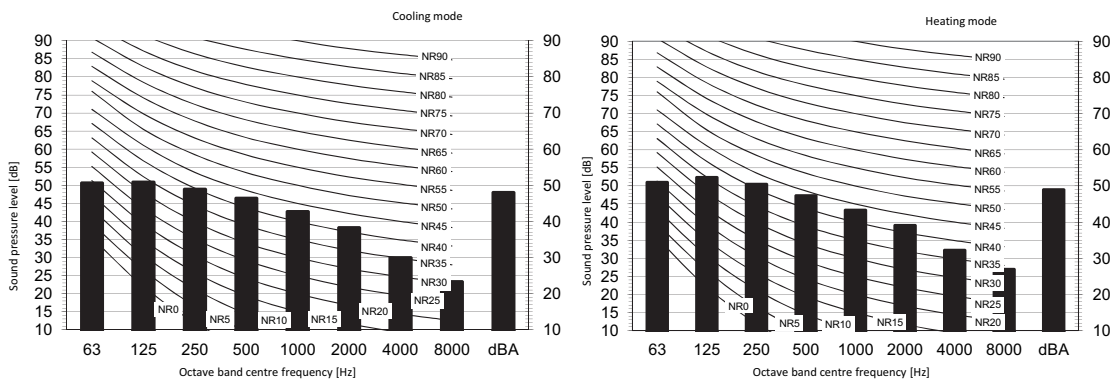
3D100361A

10 Sound data

10 - 1 Sound Pressure Spectrum

10

4MXM68M



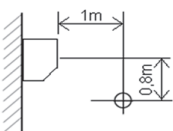
Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B High-tap

Location of microphone



Cooling		Total dB
A	B	
dBA		48

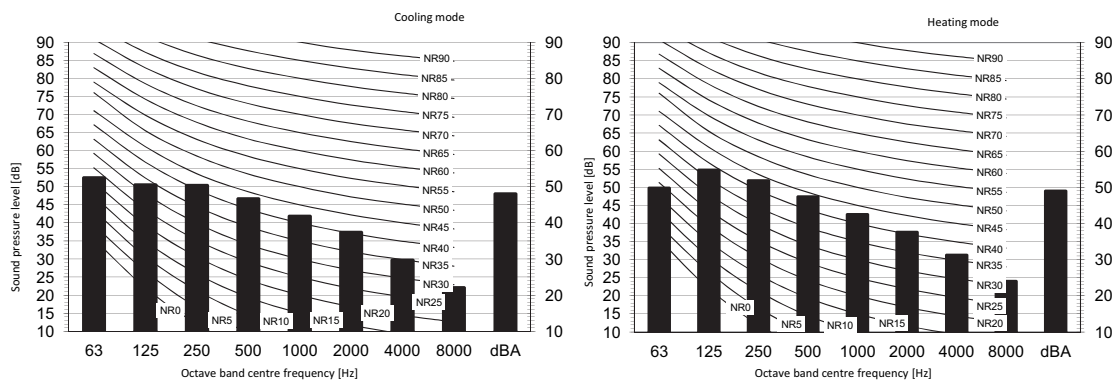
Heating		Total dB
A	B	
dBA		49

Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

3D103028

4MXM80M



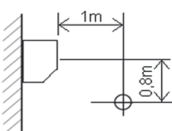
Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B High-tap

Location of microphone



Cooling		Total dB
A	B	
dBA		48

Heating		Total dB
A	B	
dBA		49

Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

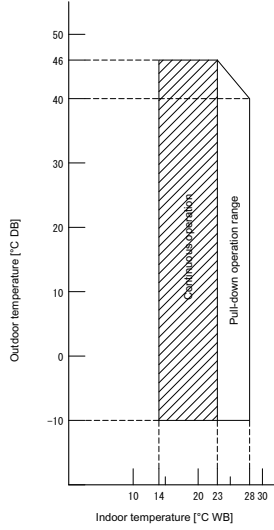
3D103029

11 Operation range

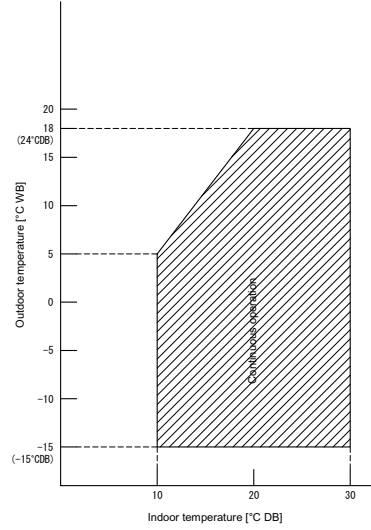
11 - 1 Operation Range

4MXM-M

Cooling



Heating



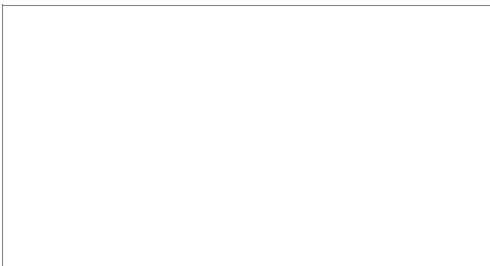
Notes

- The graph is based on the following conditions.
 Corresponding refrigerant piping length: 5 m
 Level difference: 0m
 Air flow rate High

3D101376



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