

Air Conditioning
Technical Data

ARXN-M6



TABLE OF CONTENTS

ARXN-M6

1	Features	2
2	Specifications	3
	Capacity and Power input	3
	Technical Specifications	3
	Electrical Specifications	4
3	Capacity tables	5
	Cooling/Heating Capacity Tables	5
4	Dimensional drawings	10
5	Piping diagrams	11
6	Sound data	12
	Sound Pressure Spectrum	12
7	Operation range	15

1 Features

- Seasonal efficiency values up to A+
- Heat pumps are all-in-one heating & cooling solutions for residential & commercial applications. They extract thermal energy from the ambient air and are therefore more energy efficient and emit far less CO2 than comparable fossil fuel based boiler systems.
- Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency
- Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall
- Daikin outdoor units are equipped with an anti-corrosion treated heat exchanger (blue fin) which ensures greater resistance to the most severe weather conditions
- Outdoor units for pair application



Inverter

2 Specifications

2-1 Capacity and Power input				ATXN20M6/ ARXN20M6	ATXN25M6/ ARXN25M6	ATXN35M6/ ARXN35M6	ATXN50M6/ ARXN50M6	ATXN60M6/ ARXN60M6
Cooling capacity	Min.		kW	1.300			1.630	1.750
			Btu/h	4,400			5,600	6,000
	Nom.		kW	2.050 (1)	2.560 (1)	3.410 (1)	5.480 (1)	6.230 (1)
			Btu/h	7,000	8,700	11,600	18,700	21,300
	Max.		kW	2.600	3.000	3.800	6.200	6.500
			Btu/h	8,900	10,200	13,000	21,200	22,200
Heating capacity	Min.		kW	1.300			1.170	1.200
			Btu/h	4,400			4,000	4,100
	Nom.		kW	2.500 (1)	2.840 (1)	3.580 (1)	5.620 (1)	6.400 (1)
			Btu/h	8,500	9,700	12,200	19,200	21,800
	Max.		kW	3.500	4.000	4.750	6.600	7.100
			Btu/h	11,900	13,600	16,200	22,500	24,200
Power input	Cooling	Min.	kW	0.280		0.290	0.280	
		Nom.	kW	0.610 (1)	0.693 (1)	1.060 (1)	1.668 (1)	1.931 (1)
		Max.	kW	0.720	0.990	1.390	1.910	2.000
	Heating	Min.	kW	0.260		0.285	0.240	
		Nom.	kW	0.614 (1)	0.700 (1)	0.950 (1)	1.500 (1)	1.680 (1)
		Max.	kW	0.950	1.100	1.480	1.880	2.000
Seasonal efficiency (according to EN14825)	Cooling	SEER		-	5.61			5.15
	Heating (Average climate)	SCOP/A		-	3.81		3.99	3.81
Current - 50Hz	Maximum running current		A	3.96	5.38	6.51	8.40	8.83
Current	Nominal running current (RLA) - 50Hz	Cooling	A	3.37	3.82	5.73	7.29	8.52
		Heating	A	2.86	3.83	5.19	6.65	7.46
Nominal efficiency	EER			3.36 (2)	3.69 (2)	3.22 (2)	3.29 (2)	3.23 (2)
	COP			4.07 (2)	4.06 (2)	3.77 (2)	3.75 (2)	3.81 (2)

Notes

(1) Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load

(2) EER/COP according to Eurovent 2012, for use outside EU only

All units are being tested and comply to ISO5151 (non-ducted unit) or ISO13253 (ducted unit)

All specifications are subjected to change by the manufacturer without prior notice.

2-2 Technical Specifications					ARXN20M6	ARXN25M6	ARXN35M6	ARXN50M6	ARXN60M6
Casing	Colour				Light grey				
Dimensions	Unit	Height	mm		550			753	
		Width	mm		658			855	
		Depth	mm		289			328	
	Packed unit	Height	mm		580			793	
		Width	mm		775			990	
		Depth	mm		355			415	
Weight	Unit		kg	29		31	44		
Compressor	Quantity				1				
	Model				1YC23AUXD			2YC36B (RE)	
	Oil Amount		cm³		375			-	
	Type				Hermetically sealed swing compressor				
	Oil Type				Daphne FVC50K (Ether Oil)				
Fan	Type				Propeller				
	Quantity				1				
	Air flow rate	Cooling	High	m³/min	-		22.92	50.88	
				cfm	940		810	1,796	

2 Specifications

2-2 Technical Specifications					ARXN20M6	ARXN25M6	ARXN35M6	ARXN50M6	ARXN60M6
Fan motor	Quantity				1				
	Model				Induction				
	Index of Protection				23				
	Insulation grade				Class "E"			F	
	Poles				8				
	Output		W		23			61	
	Drive				Direct drive				
	Speed	Cooling	Super low	rpm	-				
Heating		Super low	rpm	-					
Sound power level	Cooling			dBA	58		60	64	65
	Heating			dBA	-				
Sound pressure level	Nom.			dBA	45		46	51	
Operation range	Cooling	Ambient	Min.	°CDB	10			-10	
			Max.	°CDB	46				
	Heating	Ambient	Min.	°CWB	-15				
			Max.	°CWB	18				
Refrigerant	Type				R-410A				
	Charge			kg	0.74		1.00	1.45	
				TCO _{2eq}	1.5		2.1	3.0	
	GWP				2,087.5				
Piping connections	Liquid	Quantity			1				
		Type			Flare valve				
		OD	mm		6.35				
	Gas	Quantity			1				
		Type			Flare valve				
		OD	mm		9.52			12.70	15.90
	Drain	ID		mm	-				
	Piping length	OU - IU	Max.	m	20			30	
		System	Chargeless	m	7.5				
	Heat insulation				Both liquid and gas pipes				

2-3 Electrical Specifications					ARXN20M6	ARXN25M6	ARXN35M6	ARXN50M6	ARXN60M6
Power supply	Name				V1				
	Phase				1~				
	Frequency			Hz	50				
	Voltage			V	220-240				
Current - 50Hz	Maximum fuse amps (MFA)			A	-				
Current	Nominal running current (RLA)	Cooling	A		3.37	3.82	5.73	7.29	8.52
		Heating	A		2.86	3.83	5.19	6.65	7.46
	Maximum running current	Cooling	A		3.96	5.38	6.51	8.40	8.83
		Heating	A		4.86	5.30	6.93	8.27	8.86
Current - 60Hz	Maximum fuse amps (MFA)			A	-				

Notes

Contains fluorinated greenhouse gases

All units are being tested and comply to ISO5151 (non-ducted unit) or ISO13253 (ducted unit)

All specifications are subjected to change by the manufacturer without prior notice.

3 Capacity tables

3 - 1 Cooling/Heating Capacity Tables

ATXN20M6 + ARXN20M6

Cooling capacity table

AFR (CFM)	EWB	EDB	Outdoor temperature																	
			19°C			25°C			30°C			35°C			40°C			46°C		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
215	16°C	21°C	1.93	1.51	0.46	1.86	1.47	0.50	1.79	1.43	0.54	1.72	1.39	0.59	1.58	1.30	0.64	1.46	1.22	0.70
		24°C	1.93	1.81	0.46	1.87	1.77	0.50	1.80	1.73	0.54	1.73	1.69	0.59	1.58	1.57	0.64	1.47	1.49	0.70
		27°C	1.95	2.05	0.46	1.89	2.01	0.50	1.82	1.96	0.54	1.75	1.91	0.59	1.61	1.78	0.64	1.50	1.67	0.71
		30°C	2.01	2.01	0.47	1.95	1.95	0.51	1.89	1.89	0.55	1.83	1.83	0.59	1.70	1.70	0.65	1.59	1.59	0.71
	19°C	24°C	2.13	1.41	0.47	2.06	1.38	0.51	1.98	1.34	0.55	1.90	1.30	0.60	1.75	1.21	0.65	1.62	1.14	0.72
		27°C	2.13	1.62	0.47	2.06	1.58	0.51	1.98	1.54	0.55	1.90	1.51	0.60	1.75	1.41	0.65	1.62	1.33	0.72
		30°C	2.14	1.99	0.47	2.06	1.95	0.51	1.99	1.91	0.55	1.91	1.86	0.60	1.76	1.74	0.65	1.63	1.65	0.72
		33°C	2.16	2.16	0.47	2.09	2.09	0.51	2.02	2.02	0.55	1.95	1.95	0.60	1.81	1.81	0.65	1.69	1.69	0.72
	22°C	27°C	2.34	1.38	0.48	2.26	1.35	0.52	2.18	1.31	0.56	2.10	1.28	0.61	1.93	1.19	0.66	1.78	1.12	0.73
		30°C	2.35	1.68	0.48	2.26	1.65	0.52	2.18	1.61	0.56	2.10	1.57	0.61	1.93	1.47	0.66	1.78	1.40	0.73
		33°C	2.35	1.97	0.48	2.27	1.93	0.52	2.18	1.89	0.56	2.10	1.85	0.61	1.93	1.74	0.66	1.79	1.65	0.73
		36°C	2.35	2.23	0.48	2.28	2.19	0.52	2.20	2.14	0.56	2.12	2.09	0.61	1.95	1.96	0.66	1.82	1.86	0.73
272	16°C	21°C	2.01	1.58	0.47	1.94	1.54	0.51	1.86	1.50	0.55	1.79	1.45	0.59	1.64	1.35	0.64	1.51	1.27	0.71
		24°C	2.02	1.92	0.47	1.94	1.87	0.51	1.87	1.83	0.55	1.80	1.78	0.59	1.65	1.66	0.64	1.53	1.57	0.71
		27°C	2.04	2.18	0.47	1.97	2.12	0.51	1.90	2.07	0.55	1.84	2.01	0.60	1.70	1.87	0.65	1.58	1.75	0.71
		30°C	2.13	2.13	0.47	2.06	2.06	0.51	2.00	2.00	0.55	1.94	1.94	0.60	1.79	1.79	0.65	1.68	1.68	0.72
	19°C	24°C	2.22	1.49	0.48	2.14	1.46	0.51	2.06	1.42	0.56	1.97	1.38	0.60	1.81	1.28	0.66	1.67	1.21	0.72
		27°C	2.22	1.72	0.48	2.14	1.68	0.51	2.06	1.64	0.56	1.98	1.60	0.60	1.82	1.50	0.66	1.68	1.42	0.72
		30°C	2.23	2.12	0.48	2.15	2.08	0.52	2.08	2.03	0.56	2.00	1.98	0.61	1.84	1.85	0.66	1.70	1.75	0.72
		33°C	2.27	2.27	0.48	2.20	2.20	0.52	2.13	2.13	0.56	2.06	2.06	0.61	1.91	1.91	0.66	1.78	1.78	0.73
	22°C	27°C	2.43	1.46	0.48	2.35	1.43	0.52	2.26	1.39	0.57	2.17	1.35	0.62	2.00	1.26	0.67	1.85	1.19	0.74
		30°C	2.44	1.79	0.48	2.35	1.76	0.52	2.26	1.72	0.57	2.17	1.68	0.62	2.00	1.57	0.67	1.85	1.49	0.74
		33°C	2.44	2.10	0.48	2.36	2.06	0.52	2.27	2.02	0.57	2.18	1.98	0.62	2.01	1.85	0.67	1.86	1.76	0.74
		36°C	2.46	2.38	0.49	2.38	2.33	0.53	2.29	2.28	0.57	2.21	2.23	0.62	2.04	2.09	0.67	1.90	1.97	0.74
345	16°C	21°C	2.09	1.65	0.47	2.01	1.61	0.51	1.93	1.56	0.55	1.85	1.52	0.60	1.70	1.41	0.65	1.57	1.33	0.72
		24°C	2.10	2.00	0.47	2.02	1.95	0.51	1.94	1.91	0.55	1.87	1.86	0.60	1.71	1.73	0.65	1.58	1.63	0.72
		27°C	2.13	2.29	0.47	2.06	2.23	0.51	1.99	2.17	0.56	1.92	2.10	0.60	1.77	1.95	0.65	1.65	1.82	0.72
		30°C	2.24	2.24	0.48	2.17	2.17	0.52	2.10	2.10	0.56	2.04	2.04	0.61	1.88	1.88	0.66	1.76	1.76	0.73
	19°C	24°C	2.30	1.58	0.48	2.21	1.54	0.52	2.13	1.50	0.56	2.04	1.46	0.61	1.87	1.36	0.66	1.73	1.28	0.73
		27°C	2.30	1.83	0.48	2.22	1.79	0.52	2.14	1.74	0.56	2.05	1.70	0.61	1.88	1.59	0.66	1.74	1.51	0.73
		30°C	2.32	2.25	0.48	2.24	2.20	0.52	2.16	2.15	0.56	2.08	2.10	0.61	1.91	1.96	0.66	1.77	1.85	0.73
		33°C	2.37	2.37	0.48	2.30	2.30	0.52	2.23	2.23	0.57	2.16	2.16	0.62	2.00	2.00	0.67	1.87	1.87	0.74
	22°C	27°C	2.52	1.55	0.49	2.43	1.51	0.53	2.34	1.47	0.57	2.24	1.43	0.62	2.06	1.34	0.67	1.90	1.26	0.74
		30°C	2.52	1.91	0.49	2.43	1.87	0.53	2.34	1.83	0.57	2.25	1.79	0.62	2.07	1.67	0.67	1.91	1.59	0.74
		33°C	2.53	2.23	0.49	2.45	2.19	0.53	2.36	2.15	0.57	2.26	2.10	0.62	2.08	1.97	0.68	1.93	1.87	0.74
		36°C	2.56	2.52	0.49	2.48	2.48	0.53	2.39	2.42	0.58	2.30	2.36	0.63	2.13	2.20	0.68	1.99	2.07	0.75

Remark

AFR: Air flow rate(CFM)
EWB: Entering wet bulb temp. (°C)
EDB: Entering dry bulb temp. (°C)
TC: Total cooling capacity (kW)
SHC: Sensible heat capacity (kW)
PI: Power input

Notes

- Ratings shown are gross capacities which do not include a deduction for indoor fan motor heat.
- Shows nominal capacities.
- Direct interpolation is permissible. Do not extrapolate.
- Unit is able to operate at ambient from 0°C to 46°C without pressure trip.

Heating capacity table

	Outdoor WB°C											
Indoor	-15		-10		-5		0		6		10	
DB°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
16	1,25	0,44	1,56	0,47	1,86	0,50	2,16	0,53	2,53	0,57	2,77	0,60
18	1,24	0,46	1,54	0,49	1,85	0,52	2,15	0,56	2,51	0,59	2,75	0,62
20	1,23	0,48	1,53	0,52	1,84	0,55	2,14	0,58	2,50	0,61	2,74	0,64
21	1,22	0,49	1,53	0,53	1,83	0,56	2,13	0,59	2,50	0,62	2,74	0,65
22	1,22	0,51	1,52	0,54	1,82	0,57	2,13	0,60	2,49	0,64	2,73	0,66
24	1,20	0,53	1,51	0,56	1,81	0,59	2,11	0,62	2,47	0,66	2,72	0,68

Remark

EDB: Entering dry bulb temp. (°C)
TC: Total capacity (kW)
PI: Power input (kW)

Notes

- Ratings shown are gross capacities which do not include a deduction for indoor fan motor heat.
- Shows nominal capacities.
- Direct interpolation is permissible. Do not extrapolate.

3 Capacity tables

3 - 1 Cooling/Heating Capacity Tables

ATXN25M6 + ARXN25M6

Cooling capacity table

AFR (CFM)	EWB	EDB	Outdoor temperature																	
			19°C			25°C			30°C			35°C			40°C			46°C		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
215	16°C	21°C	2.41	1.89	0.53	2.33	1.84	0.57	2.24	1.79	0.62	2.15	1.74	0.67	1.98	1.62	0.73	1.82	1.52	0.80
		24°C	2.42	2.26	0.53	2.33	2.21	0.57	2.24	2.16	0.62	2.15	2.10	0.67	1.98	1.97	0.73	1.83	1.83	0.80
		27°C	2.44	2.44	0.53	2.35	2.35	0.57	2.27	2.27	0.62	2.19	2.19	0.67	2.02	2.02	0.73	1.88	1.88	0.80
		30°C	2.51	2.51	0.53	2.44	2.44	0.57	2.36	2.36	0.62	2.29	2.29	0.68	2.12	2.12	0.73	1.98	1.98	0.81
	19°C	24°C	2.66	1.76	0.53	2.57	1.72	0.58	2.47	1.67	0.63	2.38	1.63	0.68	2.18	1.51	0.74	2.02	1.43	0.81
		27°C	2.66	2.02	0.53	2.57	1.97	0.58	2.48	1.93	0.63	2.38	1.88	0.68	2.19	1.76	0.74	2.02	1.67	0.81
		30°C	2.67	2.49	0.54	2.58	2.44	0.58	2.48	2.38	0.63	2.39	2.32	0.68	2.20	2.17	0.74	2.04	2.04	0.81
		33°C	2.70	2.70	0.54	2.61	2.61	0.58	2.53	2.53	0.63	2.44	2.44	0.68	2.26	2.26	0.74	2.11	2.11	0.82
	22°C	27°C	2.93	1.73	0.54	2.83	1.68	0.59	2.72	1.64	0.64	2.62	1.60	0.69	2.41	1.49	0.75	2.23	1.40	0.83
		30°C	2.93	2.10	0.54	2.83	2.06	0.59	2.72	2.01	0.64	2.62	1.96	0.69	2.41	1.84	0.75	2.23	1.74	0.83
		33°C	2.93	2.46	0.54	2.83	2.41	0.59	2.73	2.36	0.64	2.62	2.31	0.69	2.41	2.17	0.75	2.23	2.06	0.83
		36°C	2.94	2.79	0.55	2.84	2.73	0.59	2.74	2.67	0.64	2.64	2.61	0.70	2.44	2.44	0.75	2.27	2.27	0.83
272	16°C	21°C	2.51	1.97	0.53	2.42	1.92	0.57	2.33	1.87	0.62	2.23	1.82	0.67	2.05	1.69	0.73	1.89	1.59	0.81
		24°C	2.52	2.39	0.53	2.43	2.34	0.57	2.34	2.28	0.62	2.24	2.22	0.68	2.06	2.06	0.73	1.90	1.90	0.81
		27°C	2.55	2.55	0.53	2.46	2.46	0.58	2.38	2.38	0.62	2.29	2.29	0.68	2.12	2.12	0.74	1.97	1.97	0.81
		30°C	2.66	2.66	0.54	2.58	2.58	0.58	2.50	2.50	0.63	2.42	2.42	0.68	2.24	2.24	0.74	2.09	2.09	0.82
	19°C	24°C	2.77	1.86	0.54	2.67	1.82	0.58	2.57	1.77	0.63	2.46	1.72	0.69	2.26	1.60	0.74	2.09	1.51	0.82
		27°C	2.77	2.15	0.54	2.67	2.10	0.58	2.57	2.05	0.63	2.47	2.00	0.69	2.27	1.87	0.75	2.10	1.77	0.82
		30°C	2.78	2.65	0.54	2.69	2.59	0.59	2.59	2.53	0.63	2.49	2.47	0.69	2.29	2.29	0.75	2.13	2.13	0.82
		33°C	2.83	2.83	0.54	2.74	2.74	0.59	2.66	2.66	0.64	2.57	2.57	0.69	2.38	2.38	0.75	2.22	2.22	0.83
	22°C	27°C	3.04	1.83	0.55	2.93	1.78	0.60	2.82	1.74	0.65	2.71	1.69	0.70	2.49	1.58	0.76	2.30	1.49	0.84
		30°C	3.04	2.24	0.55	2.94	2.19	0.60	2.83	2.14	0.65	2.71	2.09	0.70	2.49	1.96	0.76	2.31	1.86	0.84
		33°C	3.05	2.62	0.55	2.94	2.57	0.60	2.83	2.52	0.65	2.72	2.47	0.70	2.51	2.32	0.76	2.32	2.20	0.84
		36°C	3.07	2.97	0.55	2.97	2.91	0.60	2.86	2.85	0.65	2.76	2.76	0.70	2.55	2.55	0.76	2.37	2.37	0.84
345	16°C	21°C	2.60	2.06	0.54	2.51	2.00	0.58	2.41	1.95	0.63	2.31	1.90	0.68	2.12	1.77	0.74	1.96	1.66	0.81
		24°C	2.62	2.50	0.54	2.52	2.44	0.58	2.43	2.38	0.63	2.33	2.32	0.68	2.14	2.14	0.74	1.98	1.98	0.81
		27°C	2.66	2.66	0.54	2.57	2.57	0.58	2.49	2.49	0.63	2.40	2.40	0.68	2.22	2.22	0.74	2.06	2.06	0.82
		30°C	2.79	2.79	0.54	2.71	2.71	0.59	2.63	2.63	0.64	2.54	2.54	0.69	2.35	2.35	0.75	2.20	2.20	0.83
	19°C	24°C	2.87	1.97	0.54	2.76	1.92	0.59	2.66	1.87	0.64	2.55	1.82	0.69	2.34	1.70	0.75	2.16	1.60	0.83
		27°C	2.88	2.28	0.54	2.77	2.23	0.59	2.67	2.18	0.64	2.56	2.12	0.69	2.35	1.99	0.75	2.17	1.88	0.83
		30°C	2.90	2.81	0.55	2.80	2.75	0.59	2.70	2.68	0.64	2.59	2.59	0.69	2.39	2.39	0.75	2.22	2.22	0.83
		33°C	2.96	2.96	0.55	2.87	2.87	0.59	2.79	2.79	0.65	2.69	2.69	0.70	2.50	2.50	0.76	2.33	2.33	0.84
	22°C	27°C	3.15	1.93	0.55	3.03	1.89	0.60	2.92	1.84	0.65	2.80	1.79	0.71	2.57	1.67	0.77	2.38	1.58	0.84
		30°C	3.15	2.38	0.55	3.04	2.33	0.60	2.93	2.28	0.65	2.81	2.23	0.71	2.58	2.09	0.77	2.39	1.98	0.84
		33°C	3.16	2.79	0.56	3.05	2.74	0.60	2.94	2.68	0.65	2.83	2.62	0.71	2.60	2.46	0.77	2.41	2.33	0.85
		36°C	3.19	3.15	0.56	3.09	3.09	0.60	2.98	2.98	0.65	2.88	2.88	0.71	2.66	2.66	0.77	2.48	2.48	0.85

Remark

AFR: Air flow rate(CFM)
EWB: Entering wet bulb temp. (°C)
EDB: Entering dry bulb temp. (°C)
TC: Total cooling capacity (kW)
SHC: Sensible heat capacity (kW)
PI: Power input

Notes

- 1 Ratings shown are gross capacities which do not include a deduction for indoor fan motor heat.
- 2  Shows nominal capacities.
- 3 Direct interpolation is permissible. Do not extrapolate.
- 4 Unit is able to operate at ambient from 0°C to 46°C without pressure trip.

Heating capacity table

Indoor DB°C	Outdoor WB°C											
	-15		-10		-5		0		6		10	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
16	1,42	0,50	1,77	0,54	2,11	0,57	2,46	0,61	2,87	0,65	3,14	0,68
18	1,41	0,53	1,75	0,56	2,10	0,60	2,44	0,63	2,85	0,68	3,13	0,70
20	1,40	0,55	1,74	0,59	2,09	0,62	2,43	0,66	2,84	0,70	3,11	0,73
21	1,39	0,56	1,73	0,60	2,08	0,63	2,42	0,67	2,84	0,71	3,11	0,74
22	1,38	0,58	1,73	0,61	2,07	0,65	2,41	0,68	2,83	0,72	3,10	0,75
24	1,37	0,61	1,71	0,64	2,06	0,68	2,40	0,71	2,81	0,75	3,08	0,78

Remark

EDB: Entering dry bulb temp. (°C)
TC: Total capacity (kW)
PI: Power input (kW)

Notes

- 1 Ratings shown are gross capacities which do not include a deduction for indoor fan motor heat.
- 2  Shows nominal capacities.
- 3 Direct interpolation is permissible. Do not extrapolate.

3 Capacity tables

3 - 1 Cooling/Heating Capacity Tables

ATXN35M6 + ARXN35M6

Cooling capacity table

AFR (CFM)	EWB	EDB	Outdoor temperature																	
			19°C			25°C			30°C			35°C			40°C			46°C		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
232	16°C	21°C	3,21	2,27	0,92	3,10	2,21	0,99	2,99	2,15	1,07	2,87	2,09	1,16	2,63	1,95	1,26	2,43	1,83	1,39
		24°C	3,22	2,72	0,92	3,10	2,66	0,99	2,99	2,60	1,07	2,87	2,53	1,16	2,64	2,37	1,26	2,44	2,23	1,39
		27°C	3,24	3,09	0,92	3,14	3,02	0,99	3,03	2,95	1,07	2,91	2,87	1,17	2,69	2,67	1,27	2,50	2,50	1,40
		30°C	3,34	3,34	0,92	3,25	3,25	1,00	3,15	3,15	1,08	3,05	3,05	1,17	2,83	2,83	1,28	2,64	2,64	1,41
	19°C	24°C	3,55	2,12	0,93	3,42	2,07	1,01	3,30	2,01	1,09	3,16	1,96	1,18	2,91	1,82	1,28	2,69	1,72	1,41
		27°C	3,55	2,43	0,93	3,42	2,37	1,01	3,30	2,32	1,09	3,17	2,26	1,18	2,91	2,12	1,28	2,69	2,01	1,41
		30°C	3,55	3,00	0,93	3,43	2,93	1,01	3,31	2,87	1,09	3,18	2,80	1,18	2,93	2,62	1,29	2,72	2,48	1,42
		33°C	3,60	3,60	0,93	3,48	3,48	1,01	3,37	3,37	1,10	3,25	3,25	1,19	3,01	3,01	1,29	2,81	2,81	1,43
	22°C	27°C	3,90	2,08	0,95	3,77	2,03	1,03	3,63	1,98	1,11	3,49	1,92	1,21	3,21	1,79	1,31	2,97	1,69	1,44
		30°C	3,90	2,53	0,95	3,77	2,48	1,03	3,63	2,42	1,11	3,49	2,36	1,21	3,21	2,21	1,31	2,97	2,10	1,44
		33°C	3,90	2,96	0,95	3,77	2,90	1,03	3,63	2,84	1,11	3,49	2,78	1,21	3,21	2,61	1,31	2,98	2,48	1,44
		36°C	3,92	3,35	0,95	3,79	3,29	1,03	3,66	3,22	1,11	3,52	3,15	1,21	3,25	2,95	1,31	3,02	2,80	1,45
282	16°C	21°C	3,34	2,37	0,92	3,22	2,31	1,00	3,10	2,25	1,08	2,98	2,19	1,17	2,73	2,04	1,27	2,52	1,92	1,40
		24°C	3,35	2,88	0,92	3,23	2,81	1,00	3,11	2,74	1,08	2,99	2,68	1,17	2,74	2,50	1,27	2,54	2,36	1,40
		27°C	3,40	3,27	0,93	3,28	3,19	1,00	3,17	3,11	1,09	3,05	3,02	1,18	2,82	2,80	1,28	2,63	2,62	1,41
		30°C	3,54	3,54	0,93	3,43	3,43	1,01	3,33	3,33	1,10	3,22	3,22	1,19	2,99	2,99	1,29	2,79	2,79	1,43
	19°C	24°C	3,69	2,24	0,94	3,55	2,19	1,02	3,42	2,13	1,10	3,28	2,07	1,19	3,01	1,93	1,29	2,79	1,82	1,43
		27°C	3,69	2,58	0,94	3,56	2,53	1,02	3,43	2,47	1,10	3,29	2,41	1,19	3,02	2,25	1,30	2,79	2,13	1,43
		30°C	3,71	3,19	0,94	3,58	3,12	1,02	3,45	3,05	1,10	3,32	2,97	1,20	3,06	2,78	1,30	2,84	2,63	1,43
		33°C	3,77	3,77	0,94	3,66	3,66	1,02	3,54	3,54	1,11	3,42	3,42	1,20	3,17	3,17	1,31	2,96	2,96	1,44
	22°C	27°C	4,05	2,20	0,96	3,91	2,15	1,04	3,76	2,09	1,12	3,61	2,03	1,22	3,32	1,90	1,32	3,07	1,79	1,45
		30°C	4,05	2,70	0,96	3,91	2,64	1,04	3,77	2,58	1,12	3,62	2,52	1,22	3,32	2,36	1,32	3,07	2,24	1,45
		33°C	4,06	3,16	0,96	3,92	3,10	1,04	3,78	3,04	1,12	3,63	2,97	1,22	3,34	2,79	1,32	3,09	2,65	1,46
		36°C	4,09	3,57	0,96	3,95	3,50	1,04	3,82	3,43	1,13	3,68	3,35	1,22	3,39	3,14	1,33	3,16	2,96	1,46
358	16°C	21°C	3,47	2,48	0,93	3,34	2,41	1,01	3,21	2,35	1,09	3,08	2,28	1,18	2,83	2,13	1,28	2,60	2,00	1,41
		24°C	3,49	3,01	0,93	3,36	2,94	1,01	3,23	2,86	1,09	3,10	2,79	1,18	2,85	2,60	1,28	2,63	2,45	1,42
		27°C	3,54	3,45	0,94	3,43	3,36	1,01	3,31	3,26	1,10	3,19	3,16	1,19	2,95	2,93	1,29	2,75	2,74	1,43
		30°C	3,72	3,72	0,94	3,61	3,61	1,02	3,50	3,50	1,11	3,39	3,39	1,20	3,13	3,13	1,31	2,93	2,93	1,44
	19°C	24°C	3,82	2,37	0,95	3,68	2,32	1,02	3,54	2,26	1,11	3,40	2,20	1,20	3,12	2,05	1,31	2,88	1,93	1,44
		27°C	3,83	2,75	0,95	3,69	2,68	1,03	3,55	2,62	1,11	3,41	2,56	1,21	3,13	2,39	1,31	2,89	2,26	1,44
		30°C	3,86	3,38	0,95	3,72	3,31	1,03	3,59	3,23	1,11	3,45	3,15	1,21	3,18	2,94	1,31	2,95	2,77	1,45
		33°C	3,94	3,94	0,95	3,83	3,83	1,03	3,71	3,71	1,12	3,59	3,59	1,22	3,33	3,33	1,32	3,11	3,11	1,46
	22°C	27°C	4,19	2,32	0,96	4,04	2,27	1,04	3,89	2,21	1,13	3,73	2,16	1,23	3,43	2,01	1,33	3,17	1,90	1,47
		30°C	4,20	2,86	0,97	4,05	2,81	1,05	3,90	2,75	1,13	3,74	2,69	1,23	3,44	2,52	1,33	3,18	2,38	1,47
		33°C	4,21	3,36	0,97	4,07	3,30	1,05	3,92	3,23	1,13	3,76	3,16	1,23	3,46	2,96	1,33	3,21	2,81	1,47
		36°C	4,25	3,79	0,97	4,12	3,72	1,05	3,98	3,64	1,14	3,83	3,55	1,24	3,54	3,31	1,34	3,30	3,12	1,48

Remark

AFR: Air flow rate(CFM)
EWB: Entering wet bulb temp. (°C)
EDB: Entering dry bulb temp. (°C)
TC: Total cooling capacity (kW)
SHC: Sensible heat capacity (kW)
PI: Power input

Notes

- Ratings shown are gross capacities which do not include a deduction for indoor fan motor heat.
- Shows nominal capacities.
- Direct interpolation is permissible. Do not extrapolate.
- Unit is able to operate at ambient from 0°C to 46°C without pressure trip.

Heating capacity table

	Outdoor WB°C											
Indoor	-15		-10		-5		0		6		10	
DB°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
16	1,80	0,68	2,23	0,73	2,66	0,78	3,10	0,83	3,62	0,88	3,96	0,92
18	1,78	0,72	2,21	0,77	2,65	0,81	3,08	0,86	3,60	0,92	3,94	0,96
20	1,76	0,75	2,19	0,80	2,63	0,84	3,06	0,89	3,58	0,95	3,93	0,99
21	1,75	0,77	2,19	0,82	2,62	0,86	3,05	0,91	3,57	0,97	3,92	1,01
22	1,74	0,78	2,18	0,83	2,61	0,88	3,04	0,93	3,56	0,98	3,91	1,02
24	1,72	0,82	2,16	0,87	2,59	0,92	3,02	0,96	3,54	1,02	3,89	1,06

Remark

EDB: Entering dry bulb temp. (°C)
TC: Total capacity (kW)
PI: Power input (kW)

Notes

- Ratings shown are gross capacities which do not include a deduction for indoor fan motor heat.
- Shows nominal capacities.
- Direct interpolation is permissible. Do not extrapolate.

3 Capacity tables

3 - 1 Cooling/Heating Capacity Tables

ATXN50M6 + ARXN50M6

Cooling capacity table

AFR (CFM)	EWB	EDB	Outdoor temperature																	
			19°C			25°C			30°C			35°C			40°C			46°C		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
418	16°C	21°C	5,17	3,36	1,31	4,98	3,28	1,41	4,80	3,19	1,53	4,61	3,10	1,66	4,23	2,88	1,80	3,91	2,71	1,98
		24°C	5,17	4,03	1,31	4,99	3,94	1,41	4,81	3,84	1,53	4,61	3,75	1,66	4,24	3,50	1,80	3,92	3,30	1,98
		27°C	5,22	4,57	1,31	5,04	4,46	1,41	4,86	4,36	1,53	4,68	4,25	1,66	4,32	3,95	1,80	4,02	3,71	1,99
		30°C	5,38	5,38	1,31	5,22	5,22	1,42	5,06	5,06	1,54	4,90	4,90	1,68	4,54	4,54	1,82	4,25	4,25	2,01
	19°C	24°C	5,70	3,14	1,33	5,50	3,06	1,44	5,30	2,98	1,56	5,09	2,90	1,69	4,68	2,70	1,83	4,32	2,54	2,02
		27°C	5,70	3,59	1,33	5,50	3,51	1,44	5,30	3,43	1,56	5,09	3,35	1,69	4,68	3,13	1,83	4,33	2,97	2,02
		30°C	5,71	4,43	1,33	5,52	4,34	1,44	5,32	4,24	1,56	5,12	4,14	1,69	4,71	3,87	1,83	4,37	3,67	2,02
		33°C	5,78	5,78	1,33	5,59	5,59	1,44	5,41	5,41	1,56	5,23	5,23	1,70	4,84	4,84	1,84	4,52	4,52	2,03
	22°C	27°C	6,27	3,07	1,35	6,05	3,00	1,46	5,83	2,92	1,59	5,61	2,84	1,72	5,15	2,65	1,87	4,77	2,50	2,06
		30°C	6,27	3,75	1,35	6,06	3,67	1,46	5,83	3,58	1,59	5,61	3,50	1,72	5,16	3,27	1,87	4,77	3,11	2,06
		33°C	6,28	4,38	1,35	6,06	4,29	1,46	5,84	4,21	1,59	5,61	4,12	1,72	5,16	3,87	1,87	4,78	3,67	2,06
		36°C	6,30	4,96	1,35	6,09	4,86	1,46	5,88	4,76	1,59	5,66	4,66	1,72	5,22	4,37	1,87	4,86	4,14	2,06
471	16°C	21°C	5,38	3,51	1,32	5,18	3,42	1,42	4,99	3,33	1,54	4,78	3,23	1,67	4,39	3,01	1,81	4,05	2,83	2,00
		24°C	5,39	4,26	1,32	5,20	4,16	1,43	5,00	4,06	1,54	4,80	3,96	1,67	4,41	3,69	1,82	4,08	3,48	2,00
		27°C	5,46	4,84	1,32	5,27	4,72	1,43	5,09	4,60	1,55	4,91	4,46	1,68	4,53	4,15	1,82	4,22	3,88	2,01
		30°C	5,68	5,68	1,33	5,52	5,52	1,44	5,35	5,35	1,56	5,18	5,18	1,70	4,80	4,80	1,84	4,48	4,48	2,03
	19°C	24°C	5,92	3,32	1,34	5,71	3,24	1,45	5,50	3,15	1,57	5,28	3,06	1,70	4,85	2,86	1,85	4,48	2,69	2,03
		27°C	5,93	3,82	1,34	5,72	3,74	1,45	5,51	3,65	1,57	5,29	3,57	1,70	4,86	3,33	1,85	4,49	3,16	2,04
		30°C	5,96	4,72	1,34	5,75	4,61	1,45	5,55	4,51	1,57	5,34	4,40	1,71	4,91	4,11	1,85	4,56	3,89	2,04
		33°C	6,06	6,06	1,35	5,88	5,88	1,46	5,69	5,69	1,58	5,50	5,50	1,72	5,09	5,09	1,86	4,76	4,76	2,06
	22°C	27°C	6,51	3,25	1,36	6,28	3,17	1,48	6,05	3,09	1,60	5,80	3,01	1,74	5,33	2,81	1,88	4,93	2,65	2,07
		30°C	6,52	3,99	1,36	6,29	3,90	1,48	6,05	3,82	1,60	5,81	3,73	1,74	5,34	3,49	1,88	4,94	3,31	2,07
		33°C	6,53	4,67	1,36	6,30	4,58	1,48	6,07	4,49	1,60	5,83	4,39	1,74	5,36	4,12	1,89	4,97	3,91	2,08
		36°C	6,57	5,28	1,37	6,36	5,18	1,48	6,13	5,07	1,61	5,91	4,96	1,74	5,45	4,64	1,89	5,08	4,37	2,09
529	16°C	21°C	5,58	3,66	1,33	5,37	3,57	1,44	5,16	3,47	1,56	4,95	3,38	1,69	4,54	3,14	1,83	4,19	2,96	2,01
		24°C	5,60	4,45	1,33	5,40	4,34	1,44	5,20	4,24	1,56	4,99	4,12	1,69	4,58	3,85	1,83	4,23	3,63	2,02
		27°C	5,69	5,10	1,33	5,51	4,97	1,44	5,32	4,83	1,56	5,13	4,68	1,70	4,74	4,33	1,84	4,42	4,04	2,03
		30°C	5,98	5,98	1,34	5,80	5,80	1,46	5,63	5,63	1,58	5,44	5,44	1,72	5,04	5,04	1,86	4,71	4,71	2,06
	19°C	24°C	6,14	3,51	1,35	5,91	3,42	1,46	5,69	3,34	1,58	5,46	3,25	1,72	5,01	3,03	1,86	4,62	2,85	2,05
		27°C	6,15	4,06	1,35	5,93	3,97	1,46	5,71	3,88	1,58	5,48	3,78	1,72	5,03	3,54	1,86	4,65	3,35	2,05
		30°C	6,21	5,00	1,35	5,99	4,89	1,47	5,77	4,78	1,59	5,55	4,66	1,72	5,11	4,35	1,87	4,74	4,10	2,06
		33°C	6,34	6,34	1,36	6,15	6,15	1,47	5,96	5,96	1,60	5,77	5,77	1,74	5,34	5,34	1,89	5,00	5,00	2,08
	22°C	27°C	6,73	3,43	1,38	6,49	3,36	1,49	6,25	3,27	1,61	6,00	3,19	1,75	5,51	2,98	1,90	5,09	2,81	2,09
		30°C	6,75	4,23	1,38	6,51	4,15	1,49	6,26	4,06	1,62	6,01	3,97	1,75	5,52	3,72	1,90	5,11	3,53	2,09
		33°C	6,77	4,96	1,38	6,54	4,88	1,49	6,30	4,77	1,62	6,05	4,67	1,75	5,57	4,37	1,90	5,16	4,15	2,10
		36°C	6,83	5,60	1,38	6,62	5,50	1,50	6,39	5,38	1,62	6,16	5,25	1,76	5,69	4,89	1,91	5,31	4,61	2,11

Remark

AFR: Air flow rate(CFM)
EWB: Entering wet bulb temp. (°C)
EDB: Entering dry bulb temp. (°C)
TC: Total cooling capacity (kW)
SHC: Sensible heat capacity (kW)
PI: Power input

Notes

- Ratings shown are gross capacities which do not include a deduction for indoor fan motor heat.
- Shows nominal capacities.
- Direct interpolation is permissible. Do not extrapolate.
- Unit is able to operate at ambient from 0°C to 46°C without pressure trip.

Heating capacity table

Indoor DB°C	Outdoor WB°C											
	-15		-10		-5		0		6		10	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
16	2,82	1,08	3,50	1,16	4,18	1,23	4,86	1,31	5,68	1,39	6,22	1,46
18	2,79	1,13	3,47	1,21	4,16	1,28	4,84	1,36	5,65	1,45	6,19	1,51
20	2,76	1,18	3,44	1,26	4,13	1,33	4,81	1,41	5,62	1,50	6,16	1,56
21	2,75	1,21	3,43	1,29	4,11	1,36	4,79	1,44	5,61	1,53	6,15	1,59
22	2,73	1,24	3,42	1,31	4,10	1,39	4,78	1,46	5,59	1,55	6,13	1,61
24	2,70	1,30	3,39	1,37	4,07	1,45	4,75	1,52	5,56	1,61	6,10	1,67

Remark

EDB: Entering dry bulb temp. (°C)
TC: Total capacity (kW)
PI: Power input (kW)

Notes

- Ratings shown are gross capacities which do not include a deduction for indoor fan motor heat.
- Shows nominal capacities.
- Direct interpolation is permissible. Do not extrapolate.

3 Capacity tables
3 - 1 Cooling/Heating Capacity Tables

ATXN60M6 + ARXN60M6

Cooling capacity table

AFR (CFM)	EWB	EDB	Outdoor temperature																	
			19°C			25°C			30°C			35°C			40°C			46°C		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
507	16°C	21°C	5.87	4.05	1.47	5.67	3.94	1.59	5.46	3.83	1.72	5.24	3.72	1.86	4.81	3.47	2.02	4.44	3.26	2.23
		24°C	5.88	4.84	1.47	5.67	4.73	1.59	5.46	4.62	1.72	5.25	4.51	1.86	4.82	4.21	2.02	4.46	3.97	2.23
		27°C	5.93	5.49	1.47	5.73	5.37	1.59	5.53	5.24	1.72	5.32	5.11	1.87	4.91	4.75	2.03	4.57	4.46	2.24
		30°C	6.11	6.11	1.48	5.94	5.94	1.60	5.76	5.76	1.73	5.57	5.57	1.88	5.16	5.16	2.05	4.83	4.83	2.26
	19°C	24°C	6.48	3.78	1.49	6.25	3.68	1.61	6.02	3.58	1.75	5.78	3.48	1.90	5.32	3.24	2.06	4.91	3.05	2.27
		27°C	6.48	4.32	1.49	6.26	4.22	1.61	6.03	4.13	1.75	5.79	4.03	1.90	5.32	3.77	2.06	4.92	3.57	2.27
		30°C	6.49	5.33	1.49	6.27	5.22	1.61	6.05	5.10	1.75	5.82	4.98	1.90	5.36	4.66	2.06	4.97	4.41	2.27
		33°C	6.57	6.57	1.49	6.36	6.36	1.62	6.15	6.15	1.76	5.94	5.94	1.91	5.50	5.50	2.07	5.14	5.14	2.29
	22°C	27°C	7.13	3.70	1.52	6.88	3.61	1.64	6.63	3.52	1.78	6.37	3.42	1.93	5.86	3.19	2.10	5.42	3.01	2.31
		30°C	7.13	4.51	1.52	6.88	4.41	1.64	6.63	4.31	1.78	6.37	4.21	1.93	5.86	3.94	2.10	5.43	3.73	2.31
		33°C	7.13	5.26	1.52	6.89	5.16	1.64	6.64	5.06	1.78	6.38	4.95	1.93	5.87	4.65	2.10	5.44	4.42	2.31
		36°C	7.16	5.97	1.52	6.92	5.85	1.65	6.68	5.73	1.79	6.44	5.60	1.94	5.94	5.25	2.10	5.52	4.98	2.32
16°C	21°C	6.11	4.22	1.48	5.89	4.11	1.60	5.67	4.00	1.73	5.44	3.89	1.88	4.99	3.62	2.04	4.60	3.41	2.25	
	24°C	6.13	5.12	1.48	5.91	5.00	1.60	5.69	4.88	1.74	5.46	4.76	1.88	5.02	4.44	2.04	4.64	4.19	2.25	
	27°C	6.20	5.82	1.48	6.00	5.68	1.61	5.79	5.53	1.74	5.58	5.37	1.89	5.15	4.99	2.05	4.80	4.67	2.26	
	30°C	6.46	6.46	1.49	6.28	6.28	1.62	6.08	6.08	1.76	5.89	5.89	1.91	5.45	5.45	2.07	5.10	5.10	2.29	
585	19°C	24°C	6.73	3.99	1.50	6.49	3.89	1.63	6.25	3.79	1.76	6.00	3.69	1.91	5.51	3.43	2.08	5.09	3.24	2.29
		27°C	6.75	4.60	1.50	6.50	4.50	1.63	6.26	4.39	1.77	6.01	4.29	1.91	5.52	4.01	2.08	5.11	3.80	2.29
		30°C	6.78	5.67	1.51	6.54	5.55	1.63	6.31	5.42	1.77	6.07	5.29	1.92	5.59	4.95	2.08	5.18	4.67	2.29
		33°C	6.89	6.89	1.51	6.68	6.68	1.64	6.47	6.47	1.78	6.25	6.25	1.93	5.79	5.79	2.10	5.42	5.42	2.31
	22°C	27°C	7.40	3.91	1.53	7.14	3.82	1.66	6.87	3.72	1.80	6.60	3.62	1.95	6.06	3.38	2.12	5.61	3.19	2.33
		30°C	7.41	4.80	1.53	7.15	4.70	1.66	6.88	4.59	1.80	6.61	4.48	1.95	6.07	4.20	2.12	5.62	3.99	2.33
		33°C	7.42	5.62	1.53	7.16	5.51	1.66	6.90	5.40	1.80	6.63	5.28	1.95	6.10	4.96	2.12	5.65	4.71	2.34
		36°C	7.47	6.35	1.54	7.23	6.23	1.67	6.97	6.10	1.81	6.72	5.96	1.96	6.20	5.58	2.13	5.78	5.26	2.35
	16°C	21°C	6.34	4.40	1.49	6.11	4.29	1.61	5.87	4.18	1.75	5.63	4.06	1.89	5.16	3.78	2.05	4.76	3.56	2.26
		24°C	6.37	5.35	1.49	6.14	5.22	1.62	5.91	5.09	1.75	5.67	4.96	1.90	5.21	4.63	2.06	4.81	4.36	2.27
		27°C	6.47	6.13	1.50	6.26	5.97	1.62	6.05	5.80	1.76	5.83	5.63	1.91	5.39	5.21	2.07	5.02	4.87	2.29
		30°C	6.80	6.80	1.51	6.60	6.60	1.64	6.40	6.40	1.78	6.19	6.19	1.93	5.73	5.73	2.09	5.35	5.35	2.31
654	19°C	24°C	6.98	4.22	1.52	6.72	4.12	1.64	6.47	4.01	1.78	6.20	3.90	1.93	5.69	3.64	2.09	5.26	3.43	2.30
		27°C	7.00	4.89	1.52	6.75	4.77	1.64	6.49	4.66	1.78	6.23	4.55	1.93	5.72	4.25	2.09	5.29	4.02	2.31
		30°C	7.05	6.01	1.52	6.80	5.88	1.65	6.56	5.75	1.78	6.31	5.60	1.94	5.81	5.23	2.10	5.39	4.93	2.32
		33°C	7.21	7.21	1.53	7.00	7.00	1.66	6.78	6.78	1.80	6.56	6.56	1.95	6.07	6.07	2.12	5.68	5.68	2.34
	22°C	27°C	7.66	4.13	1.55	7.38	4.04	1.67	7.11	3.94	1.81	6.82	3.84	1.97	6.26	3.58	2.13	5.79	3.38	2.35
		30°C	7.67	5.09	1.55	7.40	5.00	1.68	7.12	4.89	1.82	6.83	4.78	1.97	6.28	4.47	2.14	5.81	4.24	2.35
		33°C	7.70	5.97	1.55	7.43	5.86	1.68	7.16	5.74	1.82	6.88	5.61	1.97	6.33	5.26	2.14	5.86	4.99	2.36
		36°C	7.77	6.74	1.55	7.52	6.62	1.68	7.26	6.47	1.82	7.00	6.31	1.98	6.47	5.89	2.15	6.03	5.54	2.37

Remark

AFR: Air flow rate(CFM)
EWB: Entering wet bulb temp. (°C)
EDB: Entering dry bulb temp. (°C)
TC: Total cooling capacity (kW)
SHC: Sensible heat capacity (kW)
PI: Power input

Notes

- 1 Ratings shown are gross capacities which do not include a deduction for indoor fan motor heat.
- 2  Shows nominal capacities.
- 3 Direct interpolation is permissible. Do not extrapolate.
- 4 Unit is able to operate at ambient from 0°C to 46°C without pressure trip.

Heating capacity table

	Outdoor WB°C												
Indoor	-15			-10		-5		0		6		10	
DB°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
16	3,21	1,21	3,98	1,29	4,76	1,37	5,54	1,46	6,47	1,56	7,08	1,63	
18	3,18	1,26	3,95	1,35	4,73	1,43	5,51	1,52	6,43	1,62	7,05	1,69	
20	3,14	1,32	3,92	1,41	4,70	1,49	5,47	1,58	6,40	1,68	7,02	1,75	
21	3,13	1,35	3,91	1,44	4,68	1,52	5,45	1,61	6,39	1,71	7,01	1,78	
22	3,11	1,38	3,90	1,47	4,67	1,55	5,44	1,64	6,37	1,74	6,98	1,81	
24	3,08	1,45	3,86	1,53	4,63	1,62	5,41	1,70	6,33	1,80	6,95	1,87	

Remark

EDB: Entering dry bulb temp. (°C)
TC: Total capacity (kW)
PI: Power input (kW)

Notes

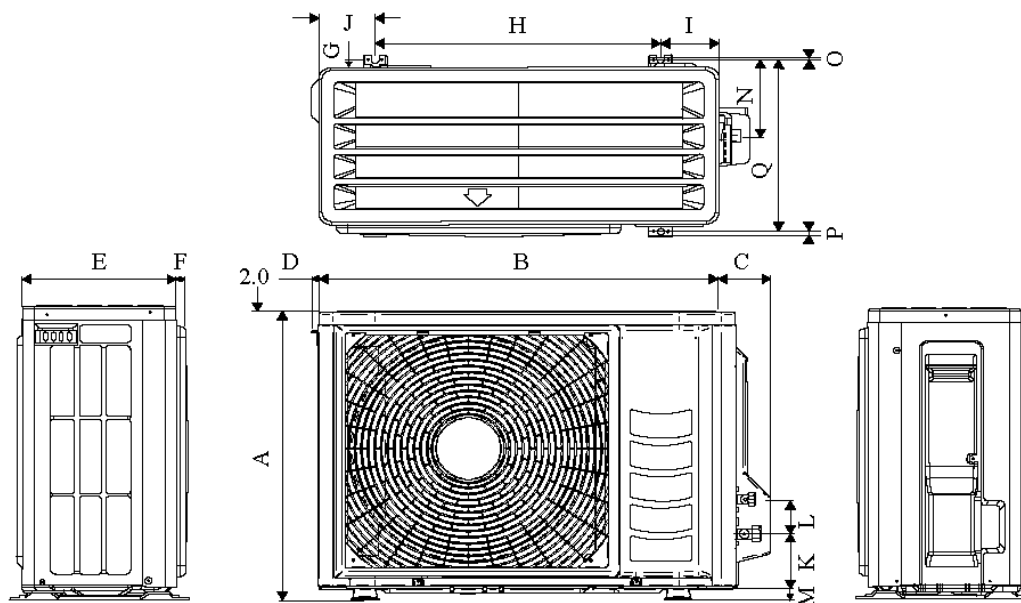
- 1 Ratings shown are gross capacities which do not include a deduction for indoor fan motor heat.
- 2  Shows nominal capacities.
- 3 Direct interpolation is permissible. Do not extrapolate.

4 Dimensional drawings

4 - 1 Dimensional Drawings

ARXN20-35M6

All dimensions are in mm

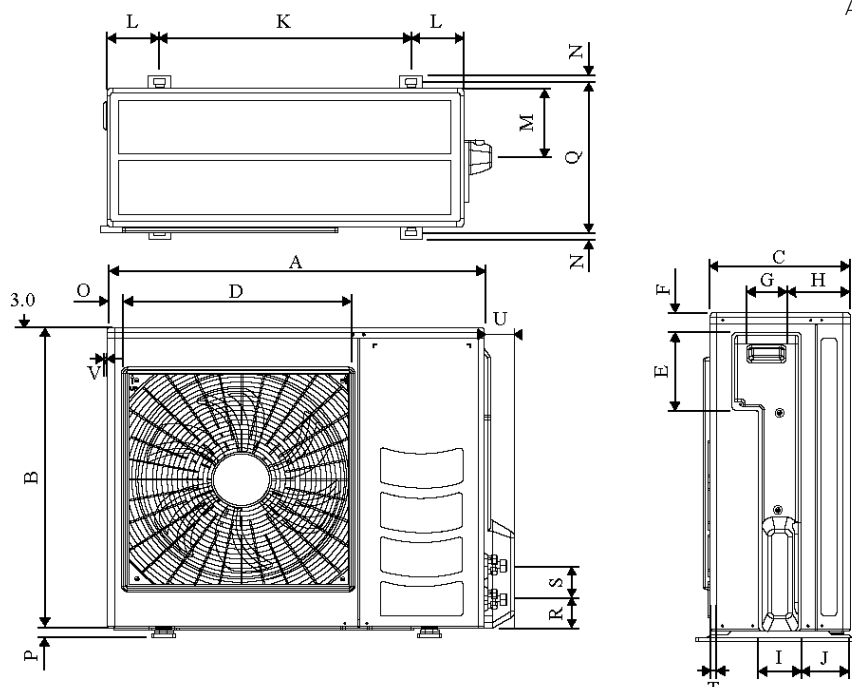


Model	Dimension	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
ARXN20-35M6		550	658	51	11	273	16	14	470	96	93	94	60	14	133	8	10	299

2016-06-20

ARXN50-60M6

All dimensions are in mm



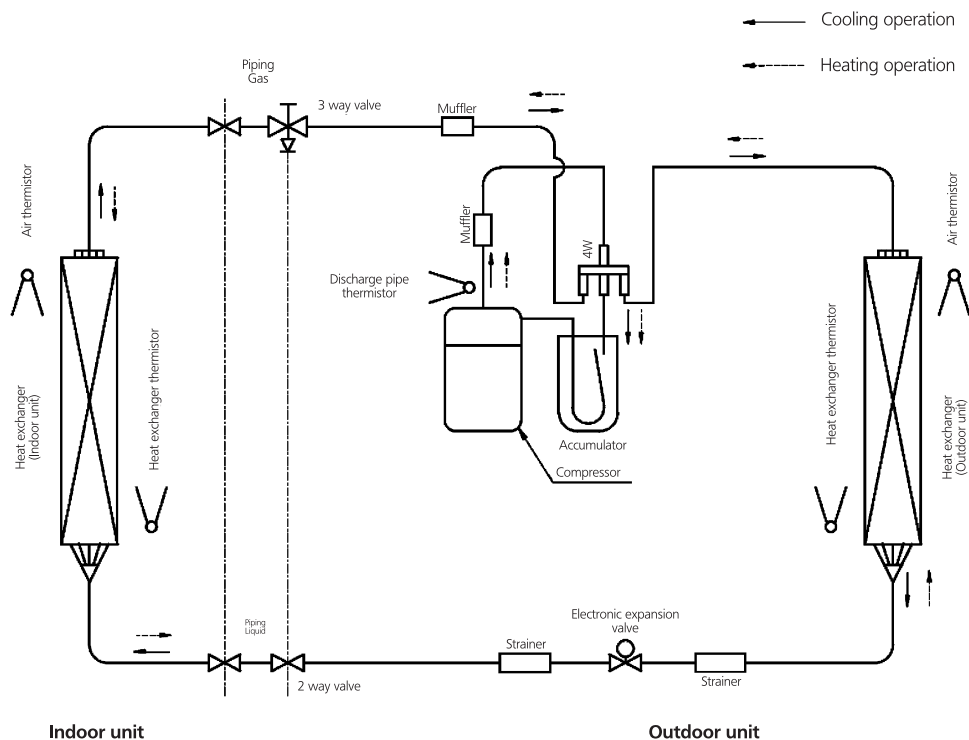
Model	Dimension	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
ARXN50-60M6		855	730	328	520	179	46	93	149	101	113	603	126	164	15	34	23	362	73	75	8	67	7

2016-06-20

5 Piping diagrams

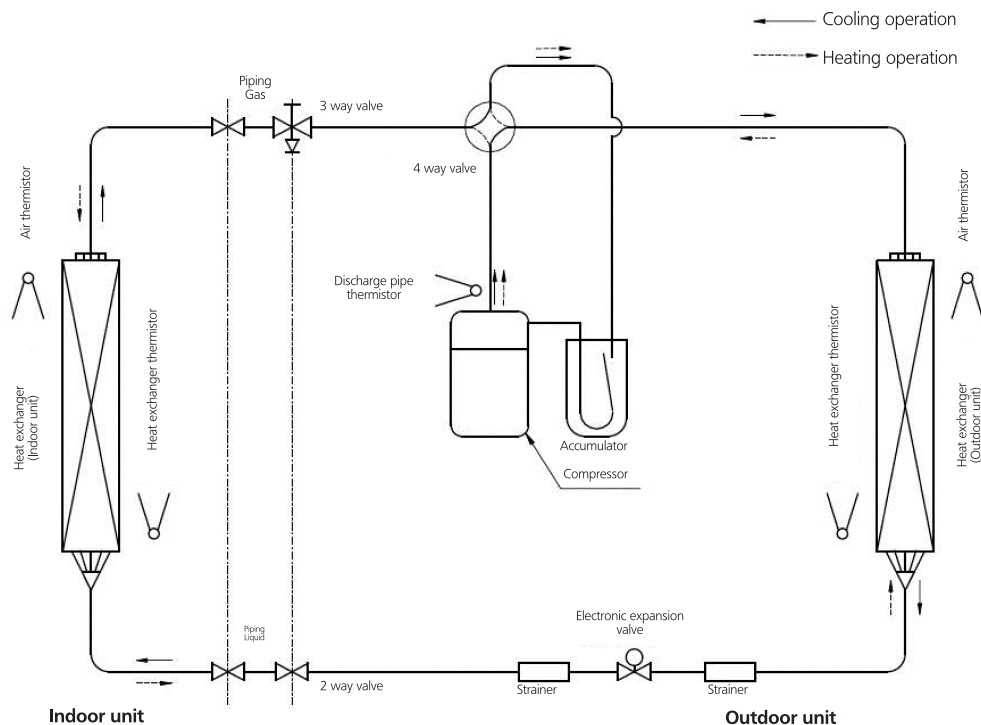
5 - 1 Piping Diagrams

ATXN20-35M6 + ARXN25-35M6



2016-06-20

ATXN50-60M6 + ARXN50-60M6



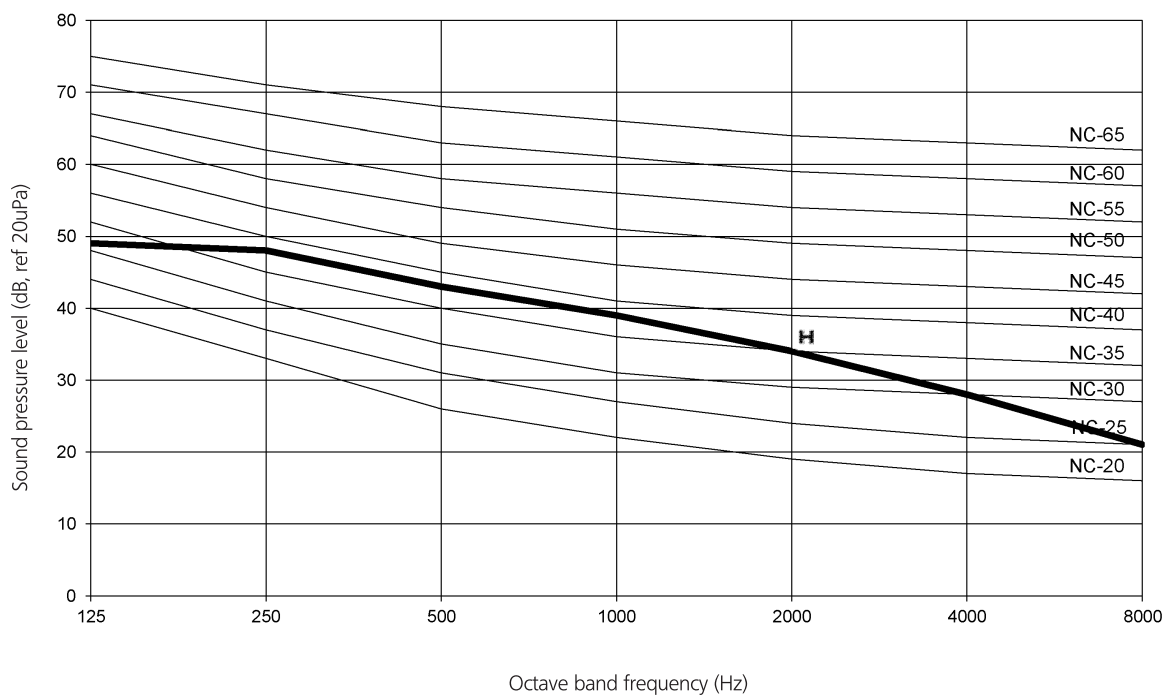
2016-06-20

6 Sound data

6 - 1 Sound Pressure Spectrum

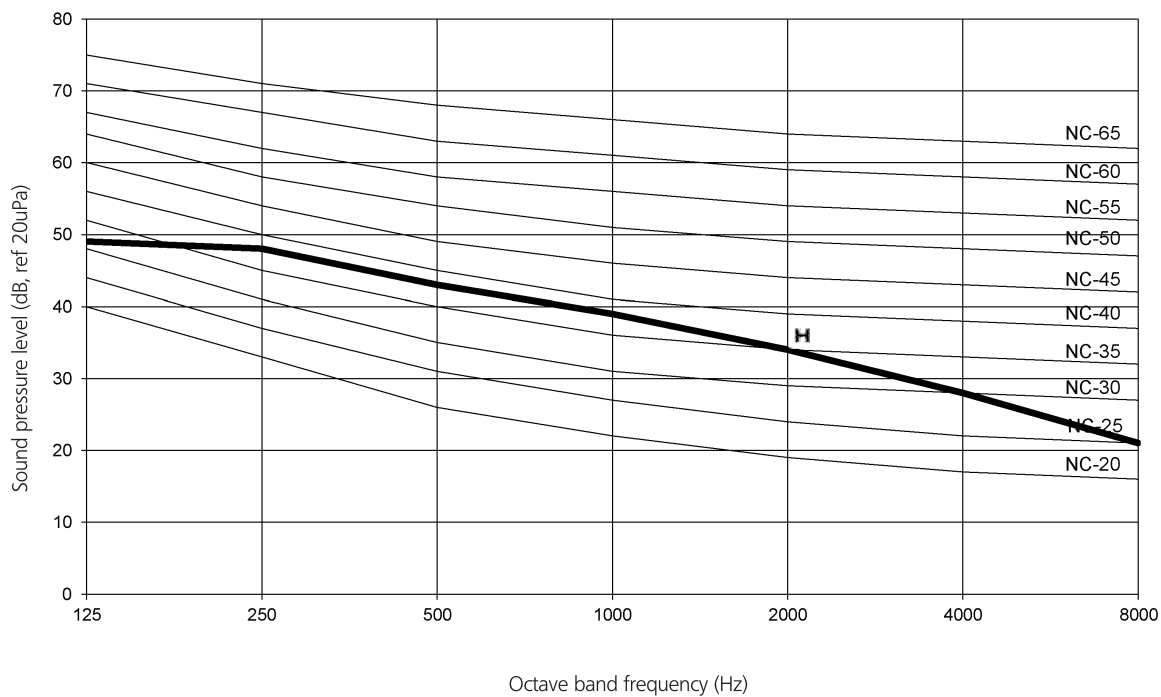
6

ARXN20M6



2016-06-20

ARXN25M6

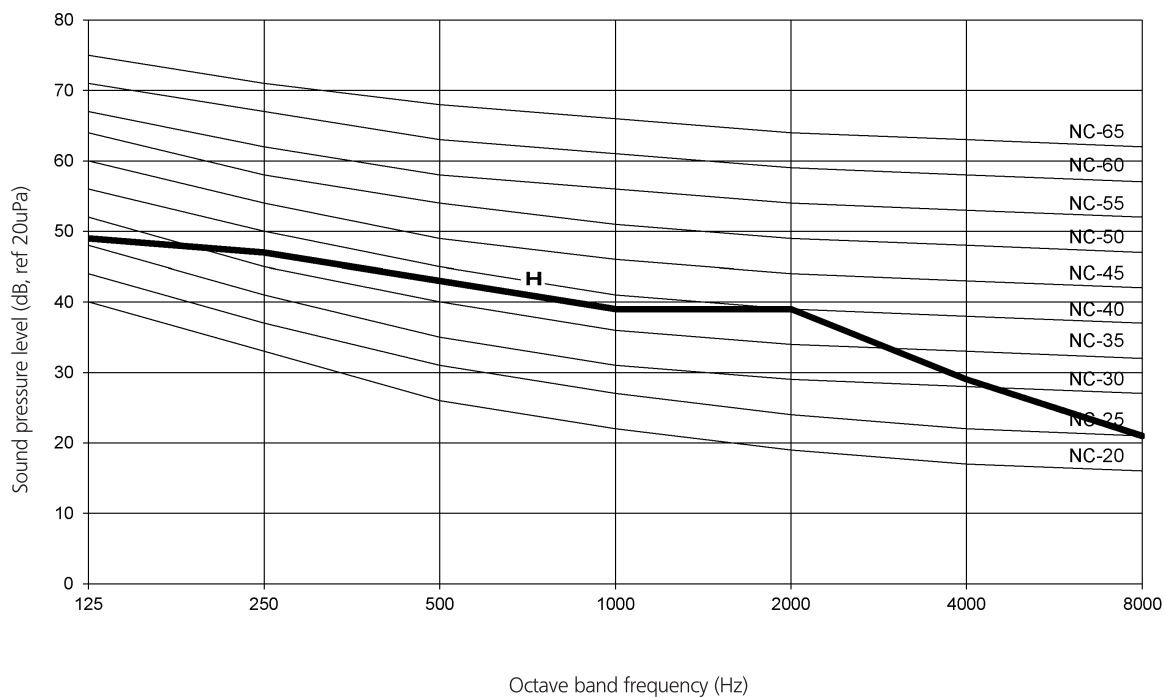


2016-06-20

6 Sound data

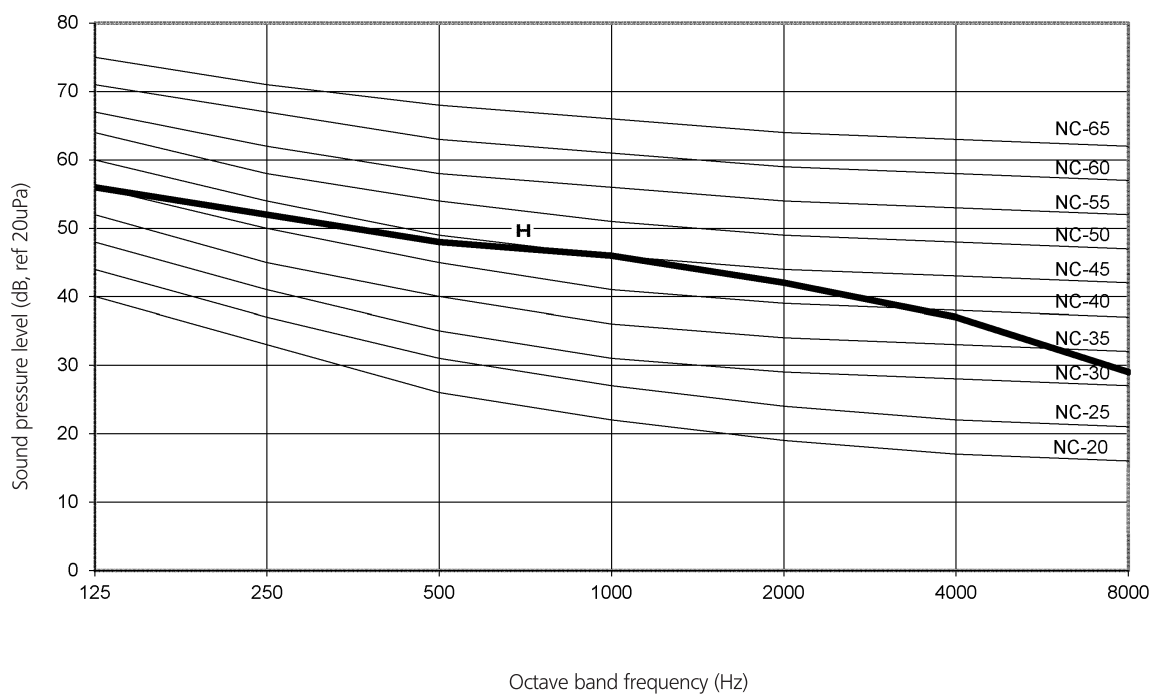
6 - 1 Sound Pressure Spectrum

ARXN35M6



2016-06-20

ARXN50M6

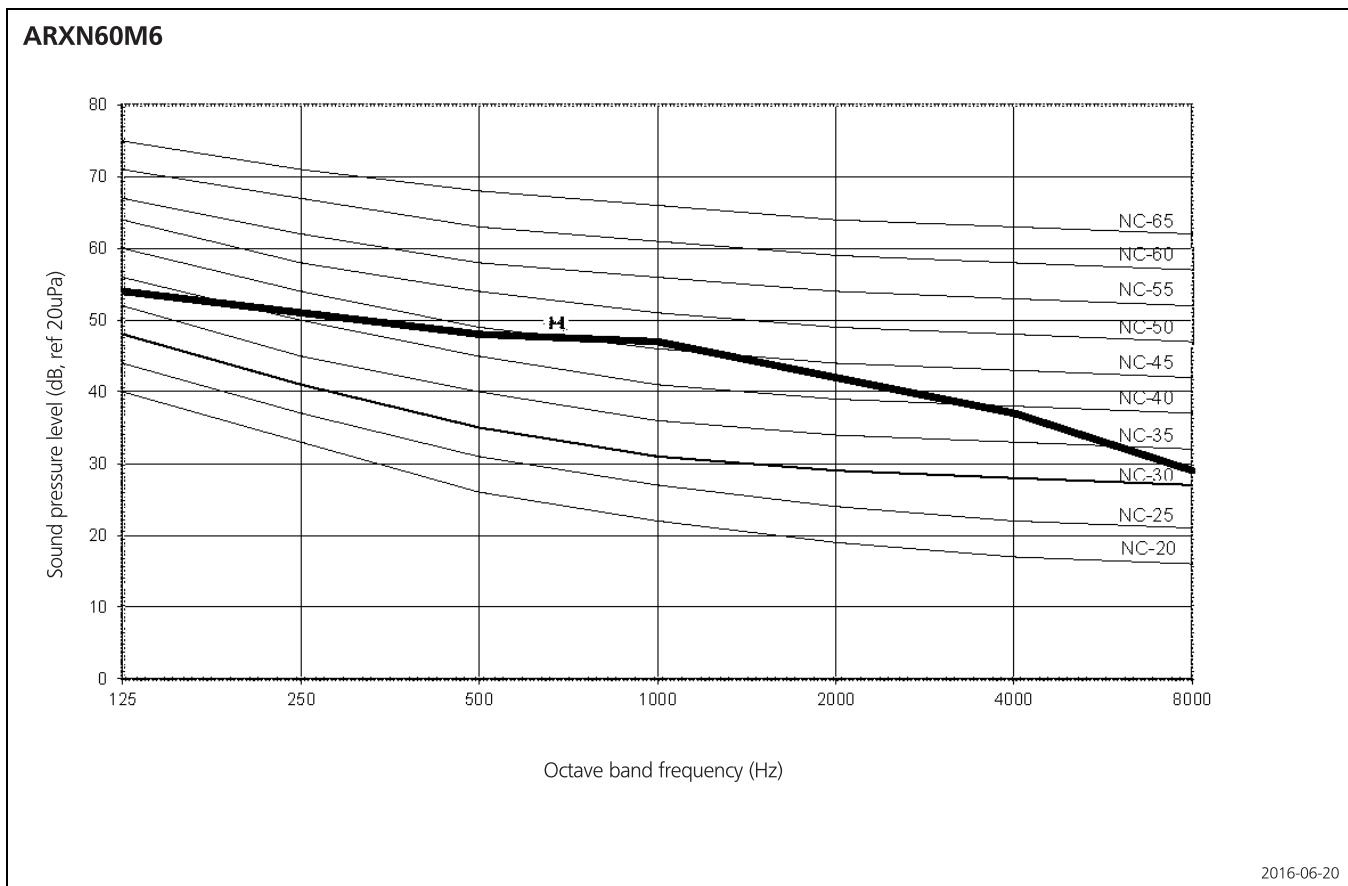


2016-06-20

6 Sound data

6 - 1 Sound Pressure Spectrum

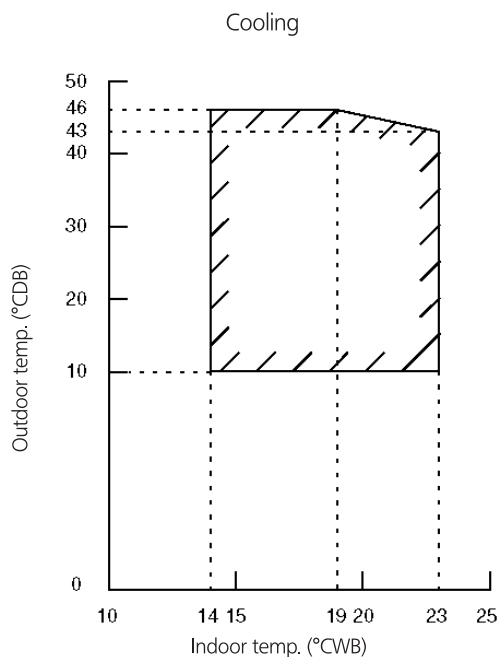
6



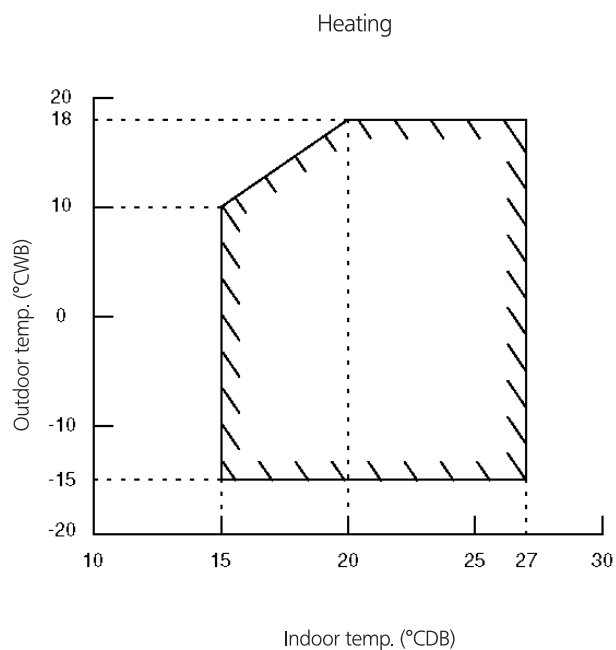
7 Operation range

7 - 1 Operation Range

ATXN20-35M6 + ARXN20-35M6

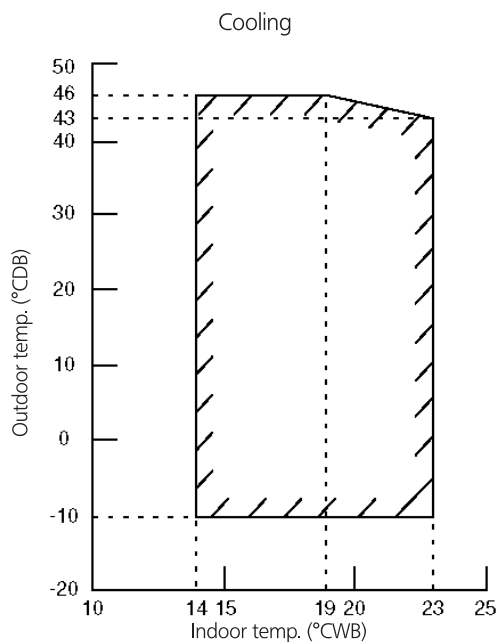


DB: Dry bulb
WB: Wet bulb

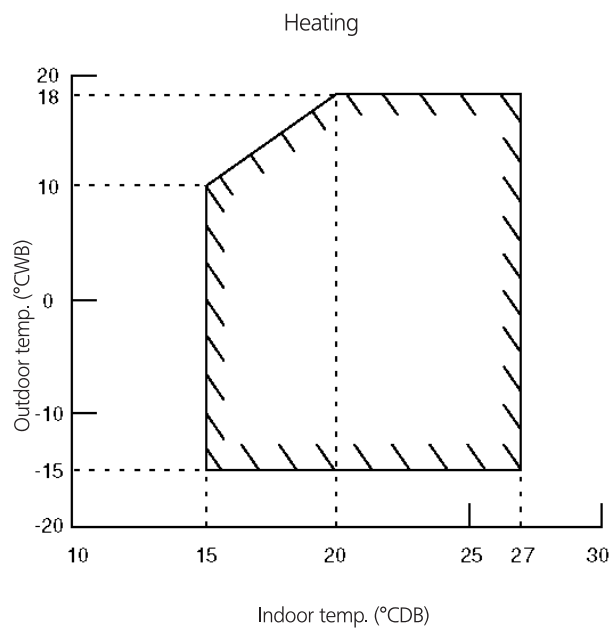


2016-06-20

ATXN50-60M6 + ARXN50-60M6

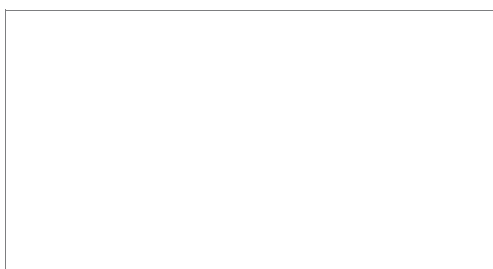


DB: Dry bulb
WB: Wet bulb



2016-06-20

Daikin Europe N.V. Naamloze Vennootschap - Zandvoordestraat 300, B-8400 Oostende - Belgium - www.daikin.eu - BE 0412 120 336 - RPR Oostende



EEDEN

08/16



Daikin Europe N.V. participates in the Eurovent Certification programme for Liquid Chilling Packages (LCP), Air handling units (AHU), Fan coil units (FCU) and variable refrigerant flow systems (VRF) Check ongoing validity of certificate online: www.eurovent-certification.com or using: www.certiflash.com



The present leaflet is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V.. Daikin Europe N.V. has compiled the content of this leaflet to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this leaflet. All content is copyrighted by Daikin Europe N.V.