

ENGINEERING DATA

**Inverter Split Unit Air Conditioner
Wall Mounted
Heatpump [50Hz]**

FTXC-C & ATXC-C Series



R32

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Introduction

Model Name and Power Supply

Indoor Unit	Outdoor Unit	Power Supply
FTXC20CV1B	RXC20CV1B	1Phase, 220-240V, 50Hz
FTXC25CV1B	RXC25CV1B	
FTXC35CV1B	RXC35CV1B	
FTXC50CV1B	RXC50CV1B	
FTXC60CV1B	RXC60CV1B	
FTXC71CV1B	RXC71CV1B	
ATXC20CV1B	ARXC20CV1B	
ATXC25CV1B	ARXC25CV1B	
ATXC35CV1B	ARXC35CV1B	
ATXC50CV1B	ARXC50CV1B	
ATXC60CV1B	ARXC60CV1B	
ATXC71CV1B	ARXC71CV1B	

Nomenclature

Indoor Unit

Definition	Description
Unit Category	F : Air-Cooled Split Indoor Unit, DAIKIN Brand A : Air-Cooled Split Indoor Unit, DAIKIN Siesta Brand
Product Type	T : Wall Mounted
System	X : Inverter , Heatpump
Refrigerant & Grade	C : R32 , Standard
Capacity Indication*	20 : 2.0 kW
Major Design Change	C : C Series
Power Supply	V1 : 1Phase / 220-240V / 50Hz
Country	B : Europe

Outdoor Unit

Definition	Description
Unit Category	R : Air-Cooled Split Outdoor Unit, DAIKIN Brand AR : Air-Cooled Split Outdoor Unit, DAIKIN Siesta Brand
System	X : Inverter , Heatpump
Refrigerant & Grade	C : R32 , Standard
Capacity Indication*	20 : 2.0 kW
Major Design Category	C : C Series
Power Supply	V1 : 1Phase / 220-240V / 50Hz
Country	B : Europe

Remark:

*Capacity value under Nomenclature is an indication.
Please refer to Specifications Data for exact capacity value.

Functions

Category	Functions	FTXC20/25/35C RXC20/25/35C	FTXC50C RXC50C	FTXC60/71C RXC60/71C
Basic Function	Inverter	●	●	●
	Operation Limit for Cooling (°CDB)(O/D)	10 - 46	-10 - 46	-10 - 46
	Operation Limit for Cooling (°FDB)(O/D)	50 - 114.8	14 - 114.8	14 - 114.8
	Operation Limit for Heating (°CWB)(O/D)	-15 - 18	-15 - 18	-15 - 18
	Operation Limit for Heating (°FWB)(O/D)	5 - 64.4	5 - 64.4	5 - 64.4
Compressor	Scroll Compressor	-	-	-
	Swing Compressor	●	●	●
	Rotary Compressor	-	-	-
Comfortable Airflow	Power-airflow Flap	●	●	-
	Power-airflow Dual Flaps	-	-	●
	Power-airflow Diffuser	-	-	-
	Wide Angle Louvers	●	●	●
	Vertical Auto-Swing (Up and Down)	●	●	●
	Horizontal Auto-Swing (Right and Left)	-	-	-
	3D Airflow	-	-	-
	Breeze Airflow	-	-	-
Comfort Control	Auto Fan Speed	●	●	●
	Indoor Unit Quiet Operation	●	●	●
	Intelligent Eye Operation	-	-	-
	Automatic Defrosting	●	●	●
Operation	Automatic Operation	●	●	●
	Programme Dry Function	●	●	●
	Fan Only	●	●	●
Lifestyle Convenience	Powerful Operation (Non Inverter)	-	-	-
	Inverter Powerful Operation	●	●	●
	Energy Saving Function	●	●	●
	Sleep Mode	●	●	●
	Indoor Unit ON/OFF Button	●	●	●
	R/C with Backlight	-	-	-
	Signal Receiving Sign (R/C)	●	●	●
Health & Clean	Set Temperature Display (R/C)	●	●	●
	Saranet Filter	●	●	●
	Catechin Filter / Green Tea Filter	-	-	-
	Titanium Apatite Air-Purifying Filter	●	●	●
	PM 2.5 Filter	-	-	-
	Streamer	-	-	-
	Plasma	-	-	-
Timer	Wipe Clean Flat Panel	●	●	●
	Weekly Timer Operation (Wired R/C)	-	-	-
	24-hour ON/OFF Timer (R/C)	●	●	●
	Countdown ON/OFF Timer (R/C)	-	-	-
Worry Free (Reliability & Durability)	Auto Restart (after Power Failure)	●	●	●
	Self-diagnosis	●	●	●
	Anti-corrosion Treatment of Outdoor Heat Exchanger	●	●	●
Flexibility	Pre-charged Piping Length	7.5m	7.5m	7.5m
	Either Side Drain (Right or Left)	●	●	●
Remote Control	BAG Connectivity	-	-	-
	WIFI Connectivity	●	●	●
	DIII-NET Connectivity	-	-	-
Remote Controller	Wireless (ARC486A2)	●	●	●
	Wired	●*	●*	●*

Note:

- : Available
- : Not Available
- * : Optional (Refer to DAMA Spare Part team for more details on optional items.)

Category	Functions	ATXC20/25/35C ARXC20/25/35C	ATXC50C ARXC50C	ATXC60/71C ARXC60/71C
Basic Function	Inverter	●	●	●
	Operation Limit for Cooling (°CDB)(O/D)	10 - 46	-10 - 46	-10 - 46
	Operation Limit for Cooling (°FDB)(O/D)	50 - 114.8	14 - 114.8	14 - 114.8
	Operation Limit for Heating (°CWB)(O/D)	-15 - 18	-15 - 18	-15 - 18
	Operation Limit for Heating (°FWB)(O/D)	5 - 64.4	5 - 64.4	5 - 64.4
Compressor	Scroll Compressor	-	-	-
	Swing Compressor	●	●	●
	Rotary Compressor	-	-	-
Comfortable Airflow	Power-airflow Flap	●	●	-
	Power-airflow Dual Flaps	-	-	●
	Power-airflow Diffuser	-	-	-
	Wide Angle Louvers	●	●	●
	Vertical Auto-Swing (Up and Down)	●	●	●
	Horizontal Auto-Swing (Right and Left)	-	-	-
	3D Airflow	-	-	-
	Breeze Airflow	-	-	-
Comfort Control	Auto Fan Speed	●	●	●
	Indoor Unit Quiet Operation	●	●	●
	Intelligent Eye Operation	-	-	-
	Automatic Defrosting	●	●	●
Operation	Automatic Operation	●	●	●
	Programme Dry Function	●	●	●
	Fan Only	●	●	●
Lifestyle Convenience	Powerful Operation (Non Inverter)	-	-	-
	Inverter Powerful Operation	●	●	●
	Energy Saving Function	●	●	●
	Sleep Mode	●	●	●
	Indoor Unit ON/OFF Button	●	●	●
	R/C with Backlight	-	-	-
	Signal Receiving Sign (R/C)	●	●	●
	Set Temperature Display (R/C)	●	●	●
Health & Clean	Saranet Filter	●	●	●
	Catechin Filter / Green Tea Filter	-	-	-
	Titanium Apatite Air-Purifying Filter	●	●	●
	PM 2.5 Filter	-	-	-
	Streamer	-	-	-
	Plasma	-	-	-
	Wipe Clean Flat Panel	●	●	●
Timer	Weekly Timer Operation (Wired R/C)	-	-	-
	24-hour ON/OFF Timer (R/C)	●	●	●
	Countdown ON/OFF Timer (R/C)	-	-	-
Worry Free (Reliability & Durability)	Auto Restart (after Power Failure)	●	●	●
	Self-diagnosis	●	●	●
	Anti-corrosion Treatment of Outdoor Heat Exchanger	●	●	●
Flexibility	Pre-charged Piping Length	7.5m	7.5m	7.5m
	Either Side Drain (Right or Left)	●	●	●
Remote Control	BAG Connectivity	-	-	-
	WIFI Connectivity	●	●	●
	DIII-NET Connectivity	-	-	-
Remote Controller	Wireless (ARC486A2)	●	●	●
	Wired	●*	●*	●*

Note: ● : Available
 - : Not Available
 ●* : Optional (Refer to DAMA Spare Part team for more details on optional items.)

Specification Data

MODEL	INDOOR UNIT		FTXC20C RXC20C		FTXC25C RXC25C	
	OUTDOOR UNIT		Cooling	Heating	Cooling	Heating
Rated Capacity (Min. ~ Max.)		kW	2.00 (1.30 ~ 3.00)	2.50 (1.30 ~ 4.00)	2.56 (1.30 ~ 3.00)	2.84 (1.30 ~ 4.00)
		Btu/h	6800 (4400 ~ 10200)	8500 (4400 ~ 13600)	8700 (4400 ~ 10200)	9700 (4400 ~ 13600)
Rated Running Current (Min. ~ Max.)		A	3.43 (1.86 ~ 5.13)	3.16 (1.74 ~ 5.95)	3.47 (1.86 ~ 5.13)	3.45 (1.74 ~ 5.95)
Rated Power Consumption (Min. ~ Max.)		W	595 (300 ~ 1150)	670 (275 ~ 1350)	765 (300 ~ 1150)	750 (275 ~ 1350)
EER		W/W	3.36	N/A	3.35	N/A
SEER			6.89	N/A	6.84	N/A
COP		W/W	N/A	3.73	N/A	3.79
SCOP (Average Climate)			N/A	4.40	N/A	4.45
SCOP (Warm Climate)			N/A	5.78	N/A	5.81
Power Factor (Rated)			0.754	0.922	0.959	0.945
Piping	Liquid	mm	6.4			
Connections	Gas	mm	9.5			
Refrigerant	Type		R32			
	Charge	kg	0.55			
Max. Interunit Piping Length		m	20			
Max. Interunit Height Difference		m	15			
INDOOR UNIT			FTXC20C		FTXC25C	
Front Panel Colour			WHITE			
Airflow Rate	Turbo	CFM	410			
	High	CFM	380			
	Medium	CFM	310			
	Low	CFM	230			
	Quiet	CFM	190			
Sound Pressure Level (H/M/L/Q)		dBa	38/33/26/20			
Fan	Type		CROSS FLOW			
	Drive		DIRECT			
Fan Motor	Type		DIRECT CURRENT			
	Motor Output	W	38			
	Running Current (Rated)	A	0.14			
	Power Consumption (Rated)	W	16			
Air Direction Control			UP, DOWN, LEFT, RIGHT			
Air Filter			SARANET			
Dimensions (H X W X D)		mm	288 X 770 X 234			
Packaged Dimensions (H X W X D)		mm	327 X 830 X 363			
Weight		kg	9.0			
Condensate Drain Size		mm	19.05			
OUTDOOR UNIT			RXC20C		RXC25C	
Casing Colour			IVORY WHITE			
Airflow Rate		CFM	930			
Sound Pressure Level		dBa	45			
Fan	Type		PROPELLER			
	Drive		DIRECT			
Fan Motor	Type		DIRECT CURRENT			
	Index of protection (IP)		24			
	Insulation Grade		E			
	Running Current (Rated)	A	0.28			
	Power Consumption (Rated)	W	29			
	Motor Output	W	26			
	Poles		8			
Compressor	Type		HERMETIC SWING			
	Oil type		DAPHNE FW68DA			
	Oil amount	cm³	375			
	Running Current (Rated)	A	N/A			
	Power Consumption (Rated)	W	N/A			
Heat Exchanger Type			FIN TUBE			
Dimensions (H x W x D)		mm	550 X 658 X 273			
Packaged Dimensions (H x W x D)		mm	610 X 781 X 363			
Weight		kg	24			
Drawing No.			3D129851			

1) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151 (NON-DUCTED UNIT) OR ISO 13253 (DUCTED UNIT).

2) ALL SPECIFICATIONS ARE SUBJECT TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.

COOLING	HEATING
INDOOR: 27°CDB / 19°CWB	INDOOR: 20°CDB
OUTDOOR: 35°CDB	OUTDOOR: 7°CDB / 6°CWB

MODEL	INDOOR UNIT		FTXC35C		FTXC50C	
	OUTDOOR UNIT		RXC35C		RXC50C	
			Cooling	Heating	Cooling	Heating
Rated Capacity (Min. ~ Max.)		kW	3.50 (1.30 ~ 4.00)	4.00 (1.30 ~ 4.80)	5.10 (1.37 ~ 6.20)	5.62 (1.36 ~ 6.60)
		Btu/h	11900 (4400 ~ 13600)	13600 (4400 ~ 16400)	17400 (4700 ~ 21200)	19200 (4600 ~ 22500)
Rated Running Current (Min. ~ Max.)		A	4.68 (1.92 ~ 7.64)	4.82 (1.74 ~ 6.88)	6.82 (1.50 ~ 9.24)	6.66 (1.36 ~ 8.10)
Rated Power Consumption (Min. ~ Max.)		W	1045 (315 - 1740)	1070 (275 - 1570)	1550 (295 - 2110)	1515 (270 - 1850)
EER		W/W	3.35	N/A	3.29	N/A
SEER			6.87	N/A	6.45	N/A
COP		W/W	N/A	3.74	N/A	3.71
SCOP (Average Climate)			N/A	4.28	N/A	4.42
SCOP (Warm Climate)			N/A	5.69	N/A	5.32
Power Factor (Rated)			0.971	0.965	0.988	0.989
Piping Connections	Liquid	mm	6.4			
	Gas	mm	9.5			
Refrigerant	Type		R32			
	Charge	kg	0.75			
Max. Interunit Piping Length		m	20			
Max. Interunit Height Difference		m	15			
INDOOR UNIT			FTXC35C		FTXC50C	
Front Panel Colour			WHITE			
Airflow Rate	Turbo	CFM	400			
	High	CFM	380			
	Medium	CFM	320			
	Low	CFM	230			
	Quiet	CFM	190			
Sound Pressure Level (H/M/L/Q)		dBa	39/34/26/21			
Fan	Type		CROSS FLOW			
	Drive		DIRECT			
Fan Motor	Type		DIRECT CURRENT			
	Motor Output	W	38			
	Running Current (Rated)	A	0.15		0.19	
	Power Consumption (Rated)	W	18		24	
Air Direction Control			UP, DOWN, LEFT, RIGHT			
Air Filter			SARANET			
Dimensions (H X W X D)		mm	288 X 770 X 234			
Packaged Dimensions (H X W X D)		mm	327 X 830 X 363			
Weight		kg	9.5			
Condensate Drain Size		mm	19.05			
OUTDOOR UNIT			RXC35C		RXC50C	
Casing Colour			IVORY WHITE			
Airflow Rate		CFM	840		1310	
Sound Pressure Level		dBa	46		51	
Fan	Type		PROPELLER			
	Drive		DIRECT			
Fan Motor	Type		DIRECT CURRENT			
	Index of protection (IP)		24		23	
	Insulation Grade		E			
	Running Current (Rated)	A	0.32		0.38	
	Power Consumption (Rated)	W	33		46	
	Motor Output	W	26		61	
	Poles		8			
Compressor	Type		HERMETIC SWING			
	Oil type		DAPHNE FW68DA			
	Oil amount	cm³	375		650	
	Running Current (Rated)	A	N/A			
	Power Consumption (Rated)	W	N/A			
Heat Exchanger Type			FIN TUBE			
Dimensions (H x W x D)		mm	550 X 658 X 273		615 X 845 X 300	
Packaged Dimensions (H x W x D)		mm	610 X 781 X 363		679 X 992 X 414	
Weight		kg	26		39	
Drawing No.			3D129851			

1) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151 (NON-DUCTED UNIT) OR ISO 13253 (DUCTED UNIT).

2) ALL SPECIFICATIONS ARE SUBJECT TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.

COOLING	HEATING
INDOOR: 27°CDB / 19°CWB	INDOOR: 20°CDB
OUTDOOR: 35°CDB	OUTDOOR: 7°CDB / 6°CWB

MODEL	INDOOR UNIT		FTXC60C		FTXC71C	
	OUTDOOR UNIT		RXC60C		RXC71C	
			Cooling	Heating	Cooling	Heating
Rated Capacity (Min. ~ Max.)		kW	6.23 (1.80 ~ 7.00)	6.40 (1.48 ~ 8.00)	7.10 (2.30 ~ 7.30)	8.00 (2.30 ~ 9.00)
		Btu/h	21300 (6100 ~ 23900)	21800 (5000 ~ 27300)	24200 (7800 ~ 24900)	27300 (7800 ~ 30700)
Rated Running Current (Min. ~ Max.)		A	8.29 (1.86 ~ 8.96)	7.38 (1.61 ~ 10.27)	10.40 (2.17 ~ 11.10)	10.80 (2.48 ~ 11.50)
Rated Power Consumption (Min. ~ Max.)		W	1890 (380 ~ 2045)	1680 (325 ~ 2350)	2380 (440 ~ 2540)	2460 (500 ~ 2640)
EER		W/W	3.30	N/A	2.98	N/A
SEER			6.40	N/A	5.30	N/A
COP		W/W	N/A	3.81	N/A	3.25
SCOP (Average Climate)			N/A	4.24	N/A	3.81
SCOP (Warm Climate)			N/A	5.38	N/A	4.60
Power Factor (Rated)			0.991	0.990	0.995	0.990
Piping	Liquid	mm	6.4			
Connections	Gas	mm	12.7			
Refrigerant	Type		R32			
	Charge	kg	1.10		1.15	
Max. Interunit Piping Length		m	30			
Max. Interunit Height Difference		m	20			
INDOOR UNIT			FTXC60C		FTXC71C	
Front Panel Colour			WHITE			
Airflow Rate	Turbo	CFM	770			
	High	CFM	720			
	Medium	CFM	560			
	Low	CFM	480			
	Quiet	CFM	360			
Sound Pressure Level (H/M/L/Q)		dBa	46/42/38/30			
Fan	Type		CROSS FLOW			
	Drive		DIRECT			
Fan Motor	Type		DIRECT CURRENT			
	Motor Output	W	38			
	Running Current (Rated)	A	0.43			
	Power Consumption (Rated)	W	47			
Air Direction Control			UP, DOWN, LEFT, RIGHT			
Air Filter			SARANET			
Dimensions (H X W X D)		mm	297 X 990 X 273			
Packaged Dimensions (H X W X D)		mm	371 X 1073 X 375			
Weight		kg	13.0			
Condensate Drain Size		mm	19.05			
OUTDOOR UNIT			RXC60C		RXC71C	
Casing Colour			IVORY WHITE			
Airflow Rate		CFM	1630		1930	
Sound Pressure Level		dBa	54			
Fan	Type		PROPELLER			
	Drive		DIRECT			
Fan Motor	Type		DIRECT CURRENT			
	Index of protection (IP)		23			
	Insulation Grade		E			
	Running Current (Rated)	A	0.62		0.97	
	Power Consumption (Rated)	W	81		84	
	Motor Output	W	61		128	
	Poles		8			
Compressor	Type		HERMETIC SWING			
	Oil type		DAPHNE FW68DA			
	Oil amount	cm³	650			
	Running Current (Rated)	A	N/A			
	Power Consumption (Rated)	W	N/A			
Heat Exchanger Type			FIN TUBE			
Dimensions (H x W x D)		mm	615 X 845 X 300		695 X 930 X 350	
Packaged Dimensions (H x W x D)		mm	679 X 992 X 414		760 X 1084 X 473	
Weight		kg	39		45	
Drawing No.			3D129851			

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COOLING	HEATING
INDOOR: 27°CDB / 19°CWB	INDOOR: 20°CDB
OUTDOOR: 35°CDB	OUTDOOR: 7°CDB / 6°CWB

MODEL	INDOOR UNIT		ATXC20C		ATXC25C	
	OUTDOOR UNIT		ARXC20C		ARXC25C	
			Cooling	Heating	Cooling	Heating
Rated Capacity (Min. ~ Max.)		kW	2.00 (1.30 ~ 3.00)	2.50 (1.30 ~ 4.00)	2.56 (1.30 ~ 3.00)	2.84 (1.30 ~ 4.00)
		Btu/h	6800 (4400 ~ 10200)	8500 (4400 ~ 13600)	8700 (4400 ~ 10200)	9700 (4400 ~ 13600)
Rated Running Current (Min. ~ Max.)		A	3.46 (1.86 ~ 5.13)	3.16 (1.74 ~ 5.95)	3.52 (1.86 ~ 5.13)	3.47 (1.74 ~ 5.95)
Rated Power Consumption (Min. ~ Max.)		W	600 (300 ~ 1150)	670 (275 ~ 1350)	775 (300 ~ 1150)	755 (275 ~ 1350)
EER		W/W	3.33	N/A	3.30	N/A
SEER			6.81	N/A	6.74	N/A
COP		W/W	N/A	3.73	N/A	3.76
SCOP (Average Climate)			N/A	4.39	N/A	4.41
SCOP (Warm Climate)			N/A	5.76	N/A	5.78
Power Factor (Rated)			0.754	0.922	0.957	0.946
Piping	Liquid	mm	6.4			
Connections	Gas	mm	9.5			
Refrigerant	Type		R32			
	Charge	kg	0.55			
Max. Interunit Piping Length		m	20			
Max. Interunit Height Difference		m	15			
INDOOR UNIT			ATXC20C		ATXC25C	
Front Panel Colour			WHITE			
Airflow Rate	Turbo	CFM	410			
	High	CFM	380			
	Medium	CFM	310			
	Low	CFM	230			
	Quiet	CFM	190			
Sound Pressure Level (H/M/L/Q)		dBa	38/33/26/20			
Fan	Type		CROSS FLOW			
	Drive		DIRECT			
Fan Motor	Type		DIRECT CURRENT			
	Motor Output	W	38			
	Running Current (Rated)	A	0.14			
	Power Consumption (Rated)	W	16			
Air Direction Control			UP, DOWN, LEFT, RIGHT			
Air Filter			SARANET			
Dimensions (H X W X D)		mm	288 X 770 X 234			
Packaged Dimensions (H X W X D)		mm	327 X 830 X 363			
Weight		kg	9.0			
Condensate Drain Size		mm	19.05			
OUTDOOR UNIT			ARXC20C		ARXC25C	
Casing Colour			IVORY WHITE			
Airflow Rate		CFM	930			
Sound Pressure Level		dBa	45			
Fan	Type		PROPELLER			
	Drive		DIRECT			
Fan Motor	Type		DIRECT CURRENT			
	Index of protection (IP)		24			
	Insulation Grade		E			
	Running Current (Rated)	A	0.28			
	Power Consumption (Rated)	W	29			
	Motor Output	W	26			
	Poles		8			
Compressor	Type		HERMETIC SWING			
	Oil type		DAPHNE FW68DA			
	Oil amount	cm³	375			
	Running Current (Rated)	A	N/A			
	Power Consumption (Rated)	W	N/A			
Heat Exchanger Type			FIN TUBE			
Dimensions (H x W x D)		mm	550 X 658 X 273			
Packaged Dimensions (H x W x D)		mm	610 X 781 X 363			
Weight		kg	24			
Drawing No.			3D129851			

1) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151 (NON-DUCTED UNIT) OR ISO 13253 (DUCTED UNIT).

2) ALL SPECIFICATIONS ARE SUBJECT TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.

COOLING	HEATING
INDOOR: 27°CDB / 19°CWB	INDOOR: 20°CDB
OUTDOOR: 35°CDB	OUTDOOR: 7°CDB / 6°CWB

MODEL	INDOOR UNIT		ATXC35C		ATXC50C	
	OUTDOOR UNIT		ARXC35C		ARXC50C	
			Cooling	Heating	Cooling	Heating
Rated Capacity (Min. ~ Max.)		kW	3.50 (1.30 ~ 4.00)	4.00 (1.30 ~ 4.80)	5.10 (1.37 ~ 6.20)	5.62 (1.36 ~ 6.60)
		Btu/h	11900 (4400 ~ 13600)	13600 (4400 ~ 16400)	17400 (4700 ~ 21200)	19200 (4600 ~ 22500)
Rated Running Current (Min. ~ Max.)		A	4.75 (1.92 ~ 7.64)	4.85 (1.74 ~ 6.88)	6.91 (1.50 ~ 9.24)	6.66 (1.36 ~ 8.10)
Rated Power Consumption (Min. ~ Max.)		W	1060 (315 - 1740)	1075 (275 - 1570)	1570 (295 - 2110)	1515 (270 - 1850)
EER		W/W	3.30	N/A	3.25	N/A
SEER			6.78	N/A	6.40	N/A
COP		W/W	N/A	3.72	N/A	3.71
SCOP (Average Climate)			N/A	4.26	N/A	4.37
SCOP (Warm Climate)			N/A	5.67	N/A	5.28
Power Factor (Rated)			0.970	0.964	0.988	0.989
Piping	Liquid	mm	6.4			
Connections	Gas	mm	9.5		12.7	
Refrigerant	Type		R32			
	Charge	kg	0.75		1.00	
Max. Interunit Piping Length		m	20		30	
Max. Interunit Height Difference		m	15		20	
INDOOR UNIT			ATXC35C		ATXC50C	
Front Panel Colour			WHITE			
Airflow Rate	Turbo	CFM	400		450	
	High	CFM	380		430	
	Medium	CFM	320		360	
	Low	CFM	230		290	
	Quiet	CFM	190		260	
Sound Pressure Level (H/M/L/Q)		dBa	39/34/26/21		45/39/33/29	
Fan	Type		CROSS FLOW			
	Drive		DIRECT			
Fan Motor	Type		DIRECT CURRENT			
	Motor Output	W	38			
	Running Current (Rated)	A	0.15		0.19	
	Power Consumption (Rated)	W	18		24	
Air Direction Control			UP, DOWN, LEFT, RIGHT			
Air Filter			SARANET			
Dimensions (H X W X D)		mm	288 X 770 X 234			
Packaged Dimensions (H X W X D)		mm	327 X 830 X 363			
Weight		kg	9.5			
Condensate Drain Size		mm	19.05			
OUTDOOR UNIT			ARXC35C		ARXC50C	
Casing Colour			IVORY WHITE			
Airflow Rate		CFM	840		1310	
Sound Pressure Level		dBA	46		51	
Fan	Type		PROPELLER			
	Drive		DIRECT			
Fan Motor	Type		DIRECT CURRENT			
	Index of protection (IP)		24		23	
	Insulation Grade		E			
	Running Current (Rated)	A	0.32		0.38	0.49
	Power Consumption (Rated)	W	33		46	
	Motor Output	W	26		61	
	Poles		8			
Compressor	Type		HERMETIC SWING			
	Oil type		DAPHNE FW68DA			
	Oil amount	cm³	375		650	
	Running Current (Rated)	A	N/A			
	Power Consumption (Rated)	W	N/A			
Heat Exchanger Type			FIN TUBE			
Dimensions (H x W x D)		mm	550 X 658 X 273		615 X 845 X 300	
Packaged Dimensions (H x W x D)		mm	610 X 781 X 363		679 X 992 X 414	
Weight		kg	26		39	
Drawing No.			3D129851			

- 1) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151 (NON-DUCTED UNIT) OR ISO 13253 (DUCTED UNIT).
2) ALL SPECIFICATIONS ARE SUBJECT TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.

COOLING	HEATING
INDOOR: 27°CDB / 19°CWB	INDOOR: 20°CDB
OUTDOOR: 35°CDB	OUTDOOR: 7°CDB / 6°CWB

MODEL	INDOOR UNIT		ATXC60C		ATXC71C	
	OUTDOOR UNIT		ARXC60C		ARXC71C	
			Cooling	Heating	Cooling	Heating
Rated Capacity (Min. ~ Max.)	kW		6.23 (1.80 ~ 7.00)	6.40 (1.48 ~ 8.00)	7.10 (2.30 ~ 7.30)	8.00 (2.30 ~ 9.00)
	Btu/h		21300 (6100 ~ 23900)	21800 (5000 ~ 27300)	24200 (7800 ~ 24900)	27300 (7800 ~ 30700)
Rated Running Current (Min. ~ Max.)	A		8.40(1.86 ~ 8.96)	7.58 (1.61 ~ 10.27)	10.60 (2.17 ~ 11.10)	10.90 (2.48 ~ 11.50)
Rated Power Consumption (Min. ~ Max.)	W		1915 (380 ~ 2045)	1725 (325 ~ 2350)	2410 (440 ~ 2540)	2490 (500 ~ 2640)
EER	W/W		3.25	N/A	2.95	N/A
SEER			6.38	N/A	5.25	N/A
COP	W/W		N/A	3.71	N/A	3.21
SCOP (Average Climate)			N/A	4.19	N/A	3.81
SCOP (Warm Climate)			N/A	5.22	N/A	4.58
Power Factor (Rated)			0.991	0.989	0.989	0.993
Piping Connections	Liquid	mm	6.4			
	Gas	mm	12.7			
Refrigerant	Type		R32			
	Charge	kg	1.10		1.15	
Max. Interunit Piping Length	m		30			
Max. Interunit Height Difference	m		20			
INDOOR UNIT			ATXC60C		ATXC71C	
Front Panel Colour			WHITE			
Airflow Rate	Turbo	CFM	770			
	High	CFM	720			
	Medium	CFM	560			
	Low	CFM	480			
	Quiet	CFM	360			
Sound Pressure Level (H/M/L/Q)	dBa		46/42/38/30			
Fan	Type		CROSS FLOW			
	Drive		DIRECT			
Fan Motor	Type		DIRECT CURRENT			
	Motor Output	W	38			
	Running Current (Rated)	A	0.43			
	Power Consumption (Rated)	W	47			
Air Direction Control			UP, DOWN, LEFT, RIGHT			
Air Filter			SARANET			
Dimensions (H X W X D)	mm		297 X 990 X 273			
Packaged Dimensions (H X W X D)	mm		371 X 1073 X 375			
Weight	kg		13.0			
Condensate Drain Size	mm		19.05			
OUTDOOR UNIT			ARXC60C		ARXC71C	
Casing Colour			IVORY WHITE			
Airflow Rate	CFM		1630		1930	
Sound Pressure Level	dBA		54			
Fan	Type		PROPELLER			
	Drive		DIRECT			
Fan Motor	Type		DIRECT CURRENT			
	Index of protection (IP)		23			
	Insulation Grade		E			
	Running Current (Rated)	A	0.62		0.97	
	Power Consumption (Rated)	W	81		84	
	Motor Output	W	61		128	
	Poles		8			
Compressor	Type		HERMETIC SWING			
	Oil type		DAPHNE FW68DA			
	Oil amount	cm³	650			
	Running Current (Rated)	A	N/A			
	Power Consumption (Rated)	W	N/A			
Heat Exchanger Type			FIN TUBE			
Dimensions (H x W x D)	mm		615 X 845 X 300		695 X 930 X 350	
Packaged Dimensions (H x W x D)	mm		679 X 992 X 414		760 X 1084 X 473	
Weight	kg		39		45	
Drawing No.			3D129851			

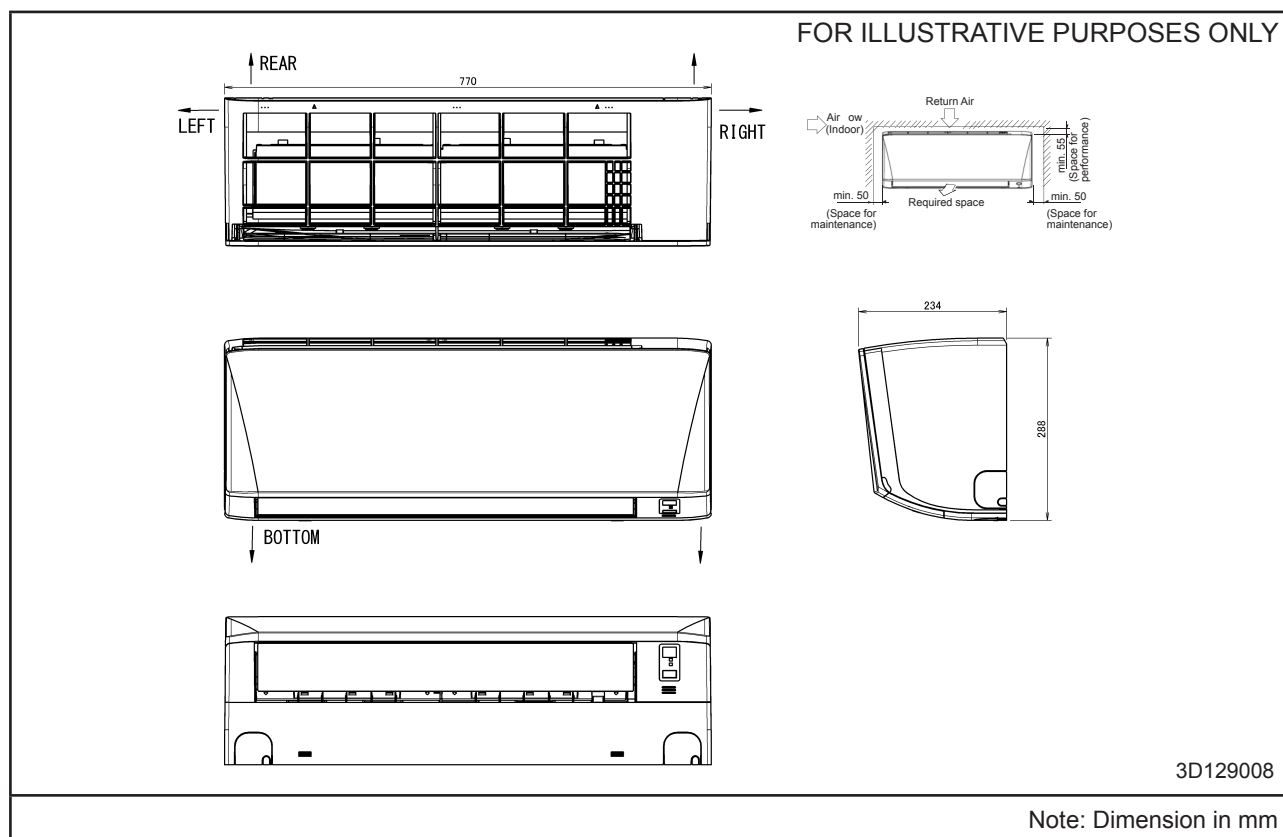
1) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151 (NON-DUCTED UNIT) OR ISO 13253 (DUCTED UNIT).
2) ALL SPECIFICATIONS ARE SUBJECT TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.

COOLING	HEATING
INDOOR: 27°CDB / 19°CWB	INDOOR: 20°CDB
OUTDOOR: 35°CDB	OUTDOOR: 7°CDB / 6°CWB

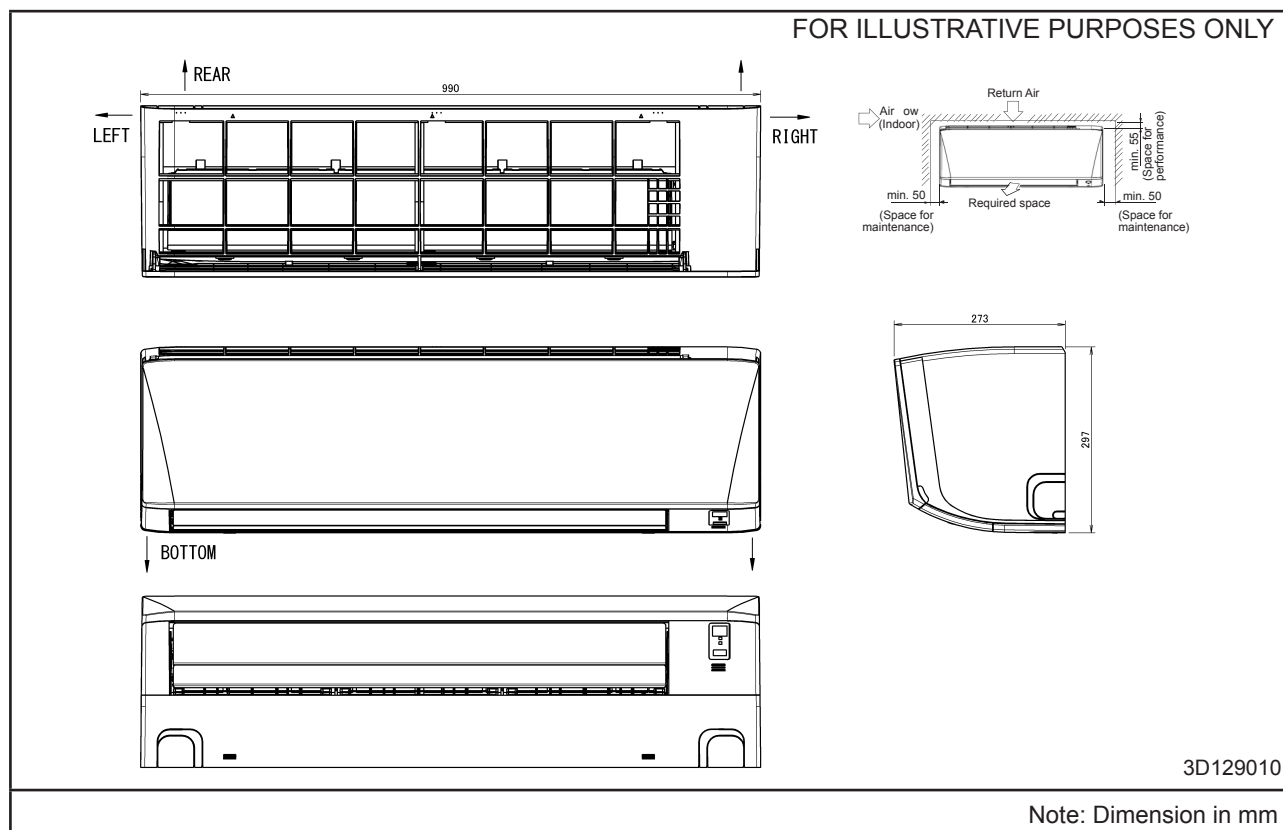
Dimensions

Indoor Unit

Model : FTXC/ATXC20/25/35/50C

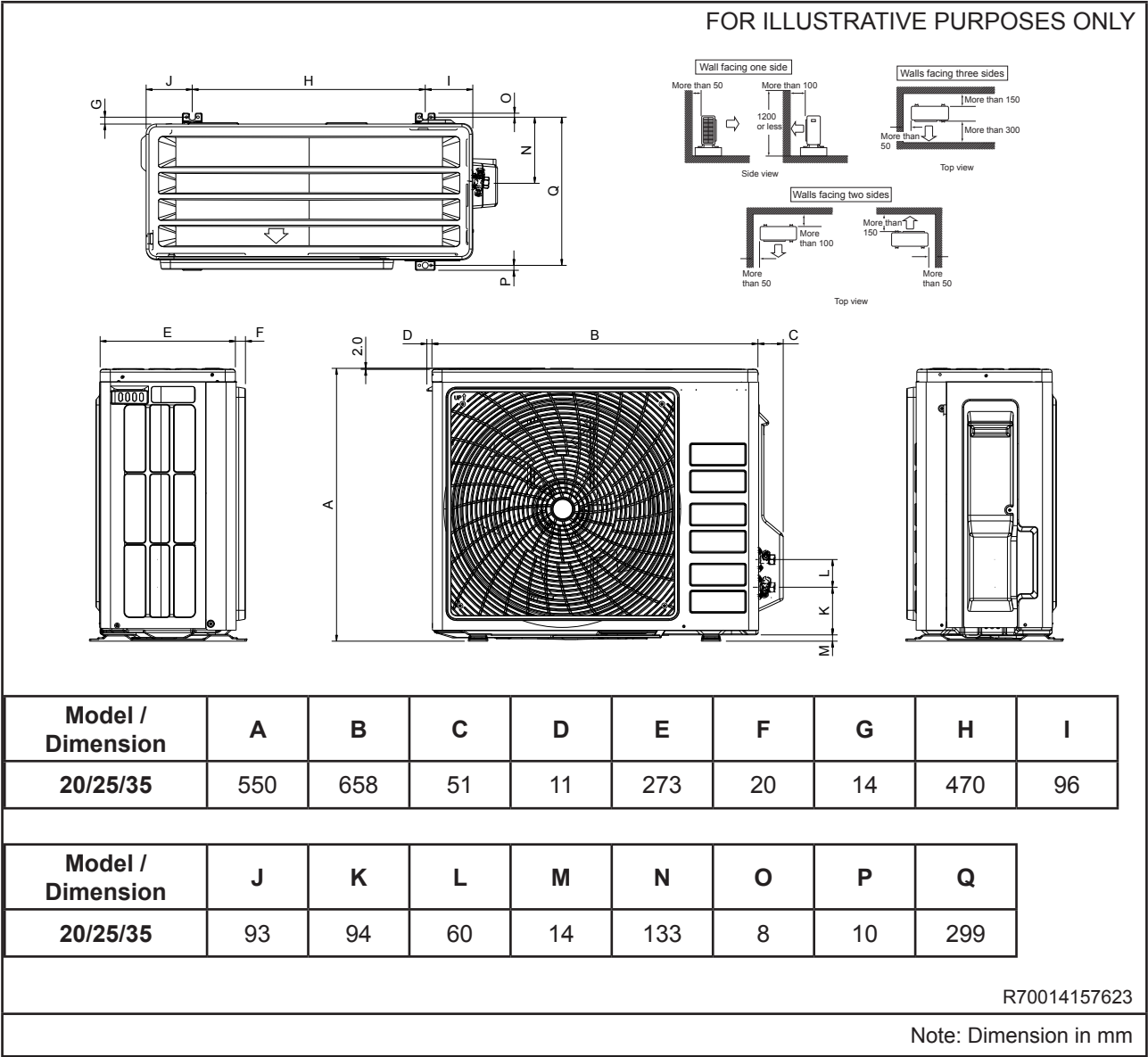


Model : FTXC/ATXC60/71C

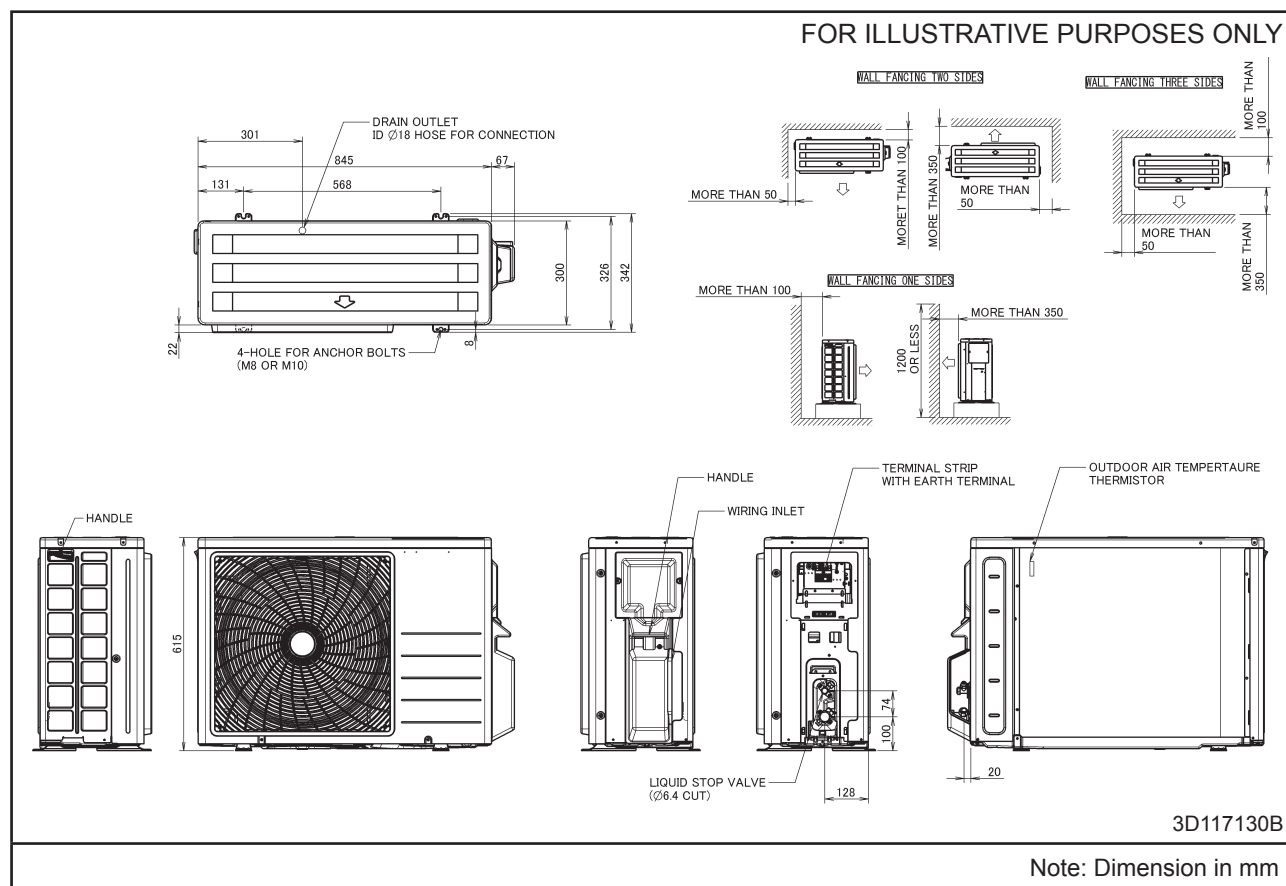


Outdoor Unit

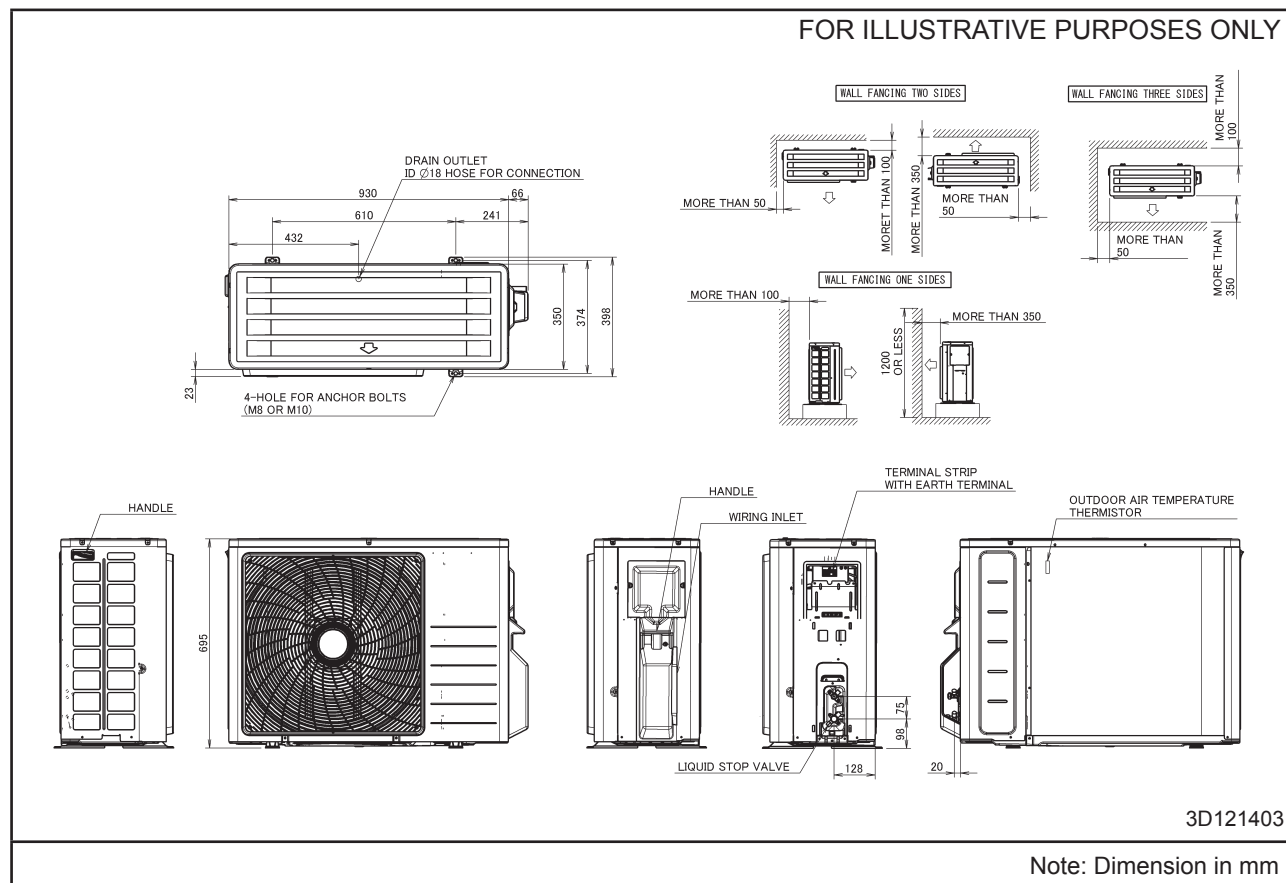
Model : RXC/ARXC20/25/35C



Model : RXC/ARXC50/60C



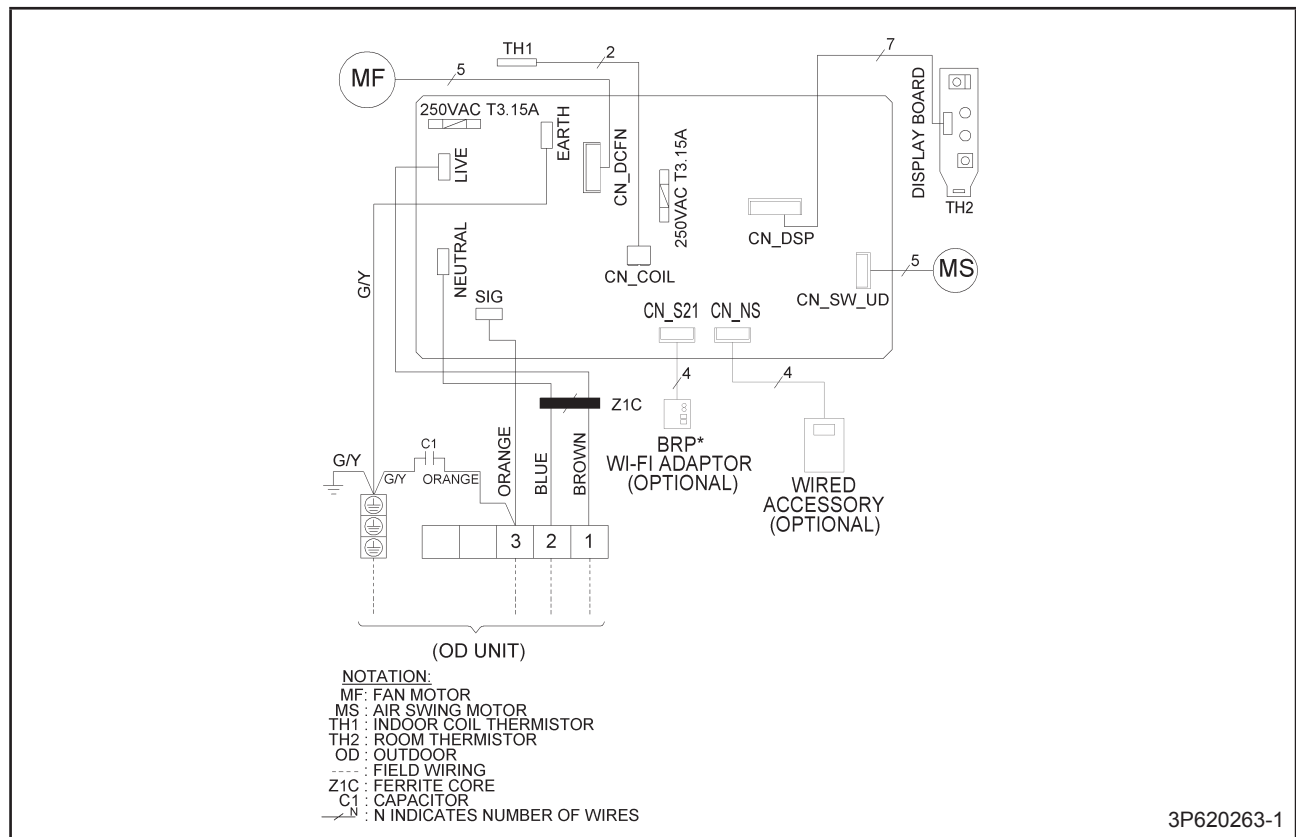
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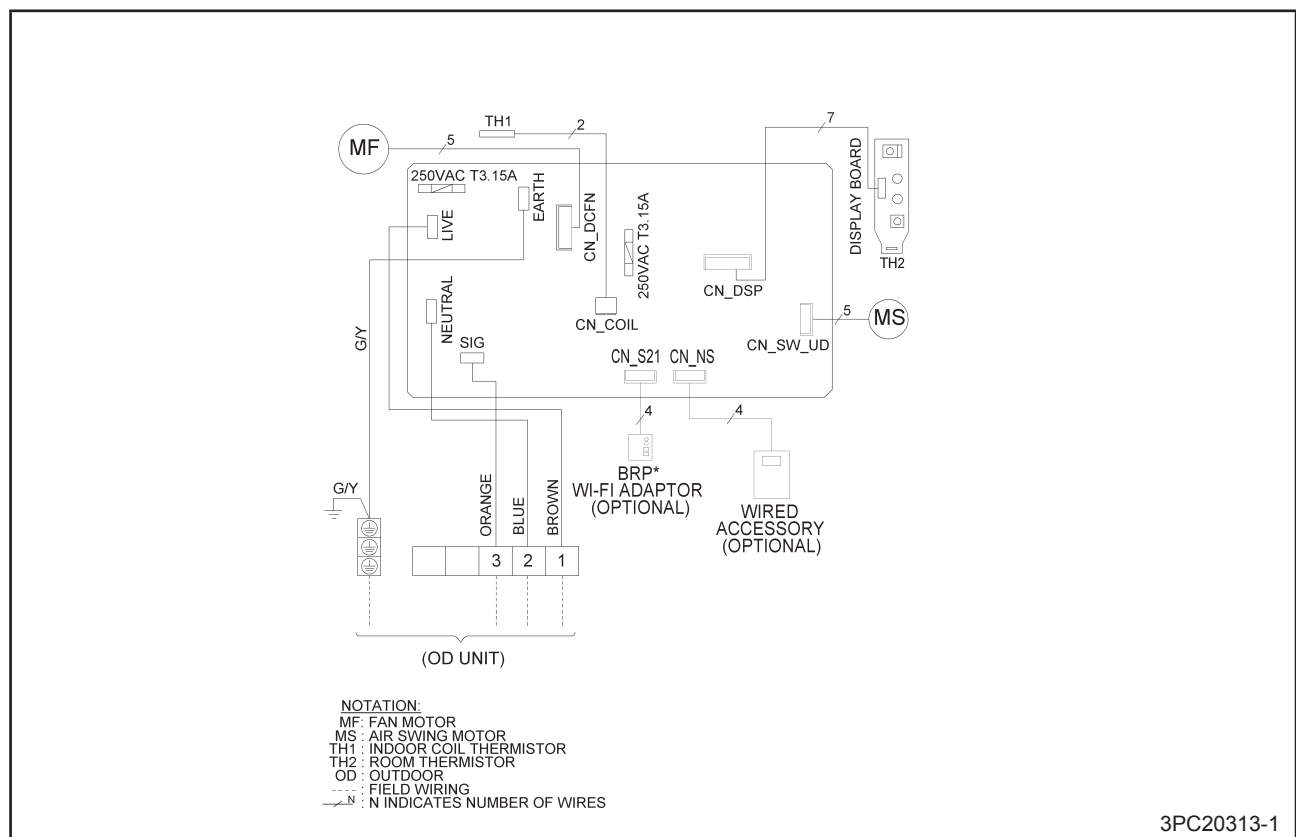
Wiring Diagram

Indoor Unit

Model : FTXC/ATXC20/25/35C



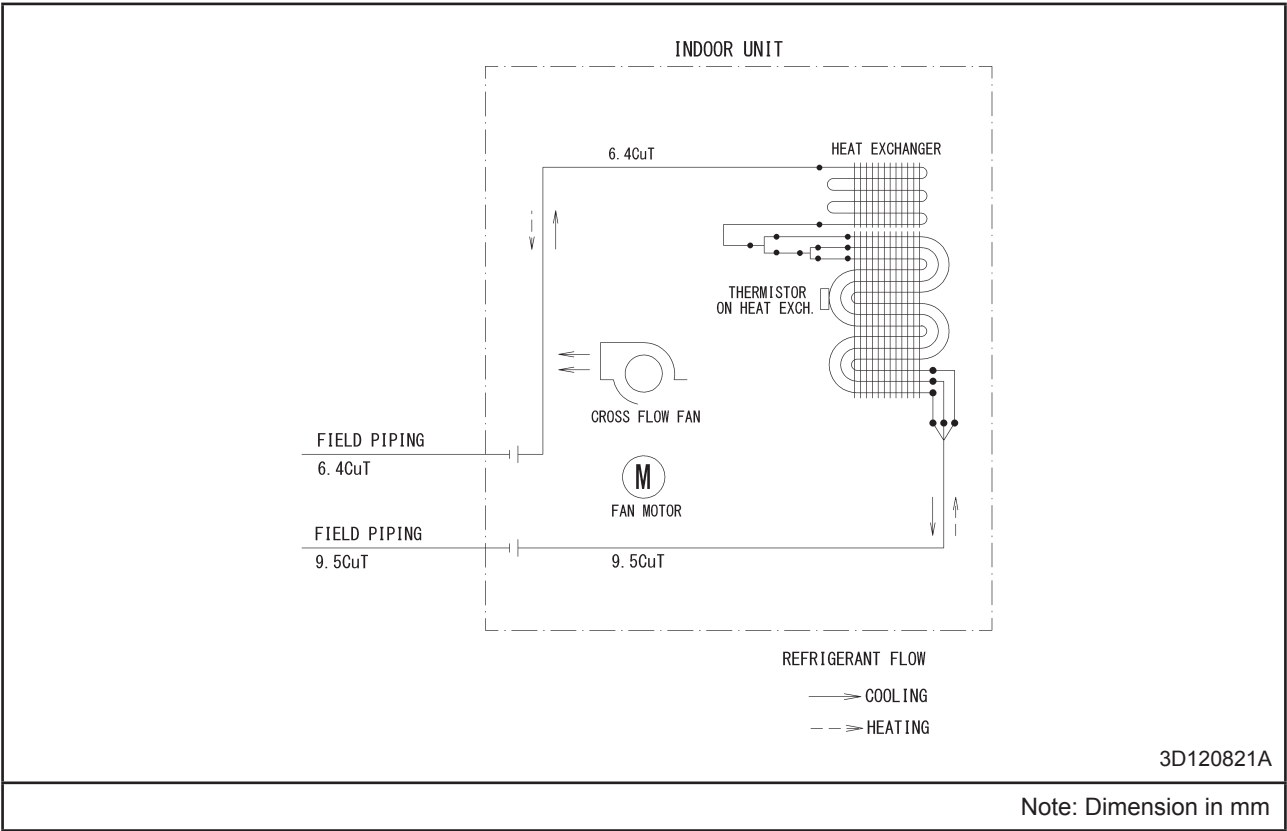
Model: FTXC/ATXC50/60/71C



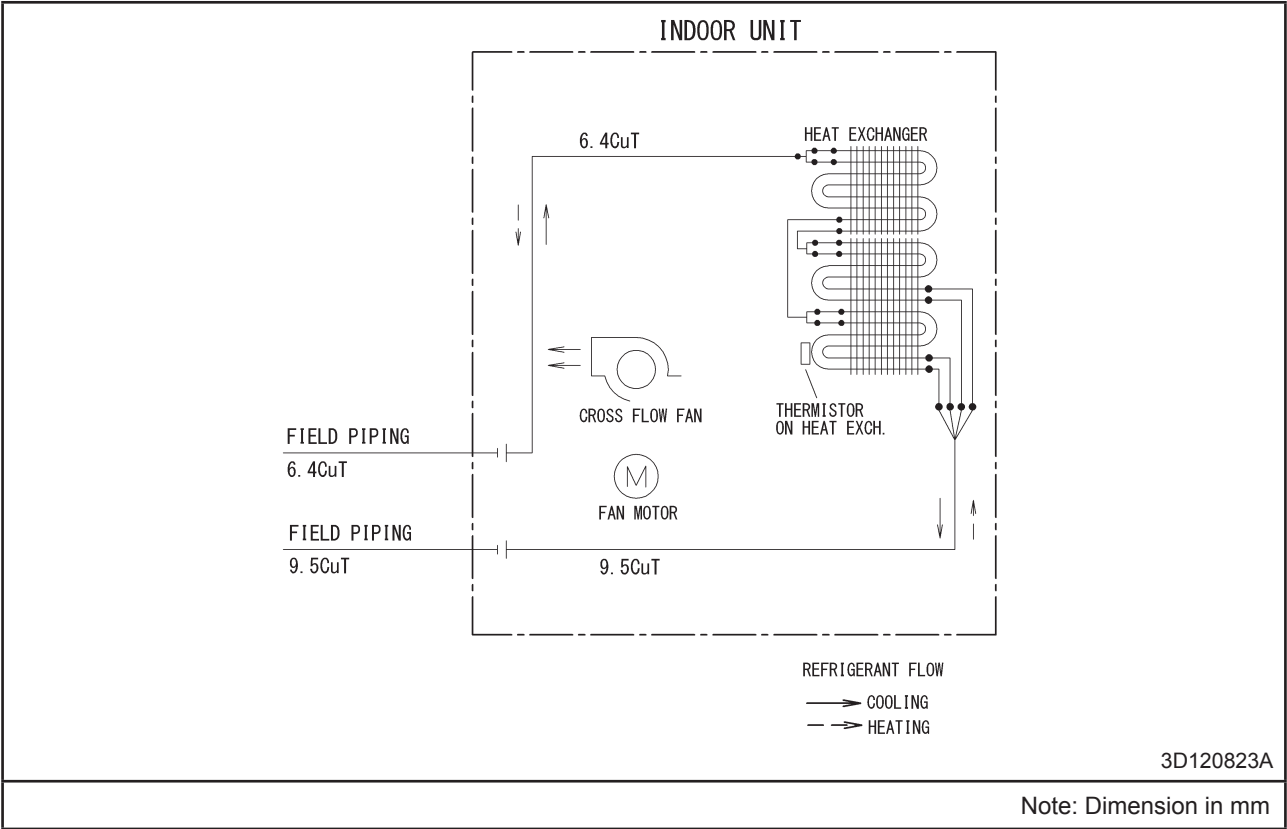
Piping Diagram

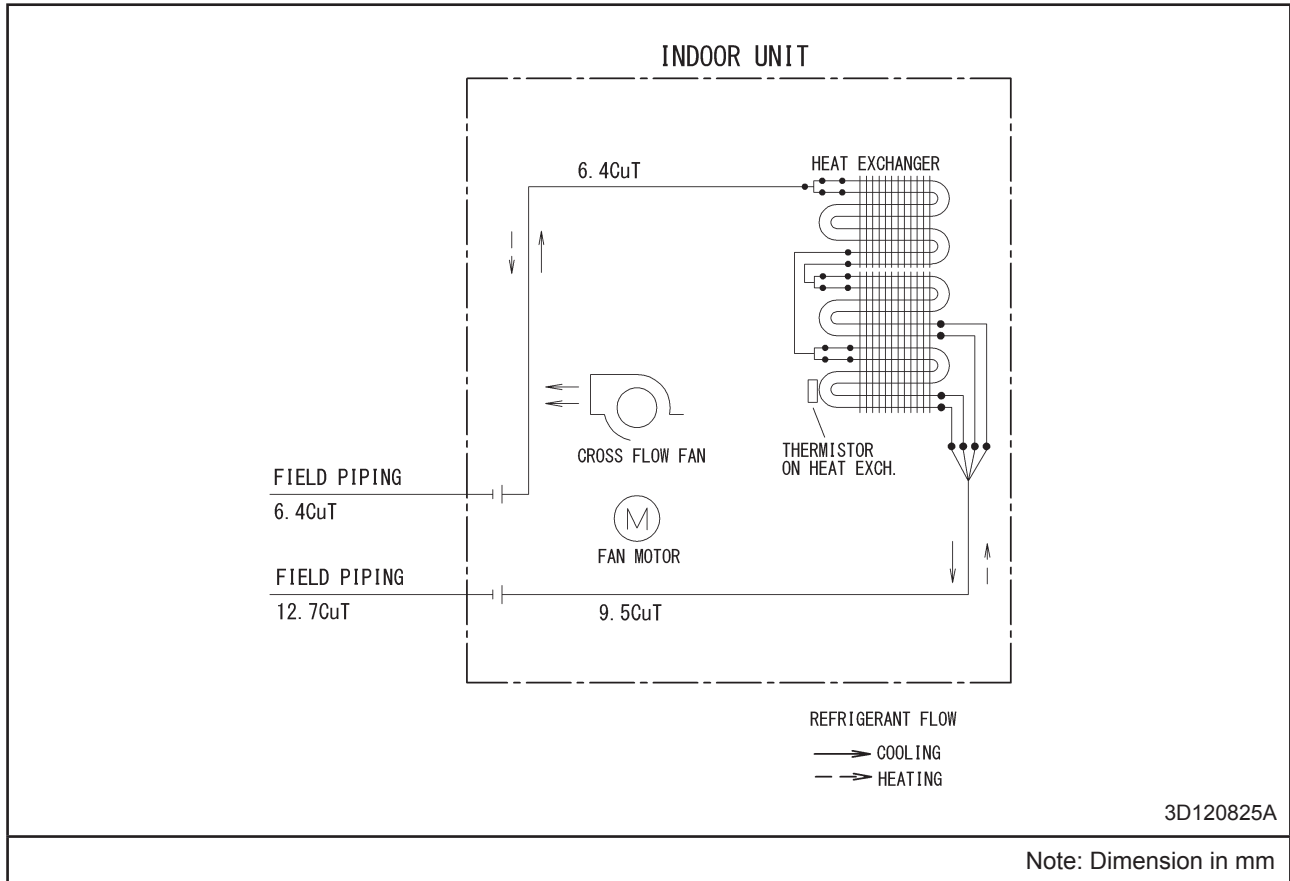
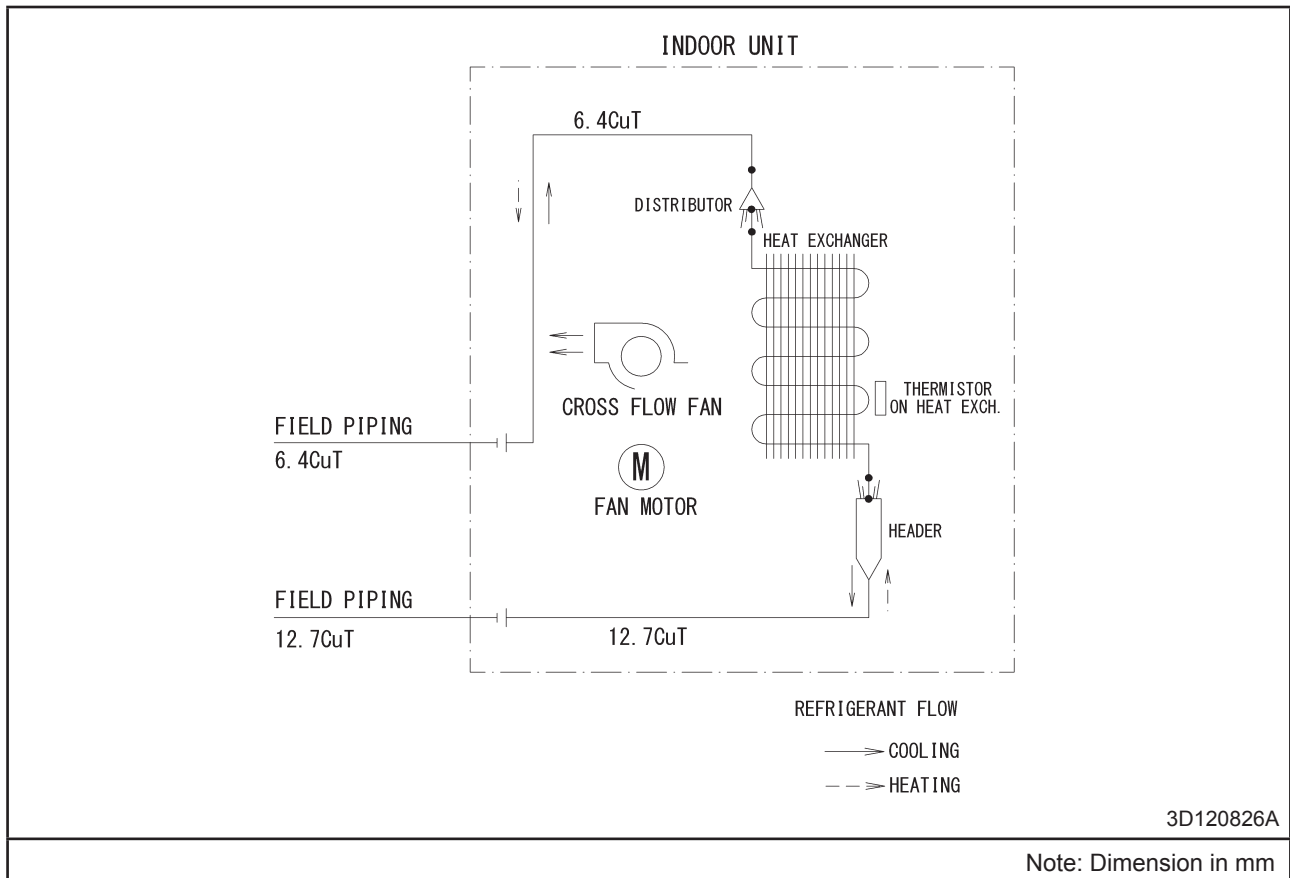
Indoor Unit

Model: FTXC/ATXC20/25C



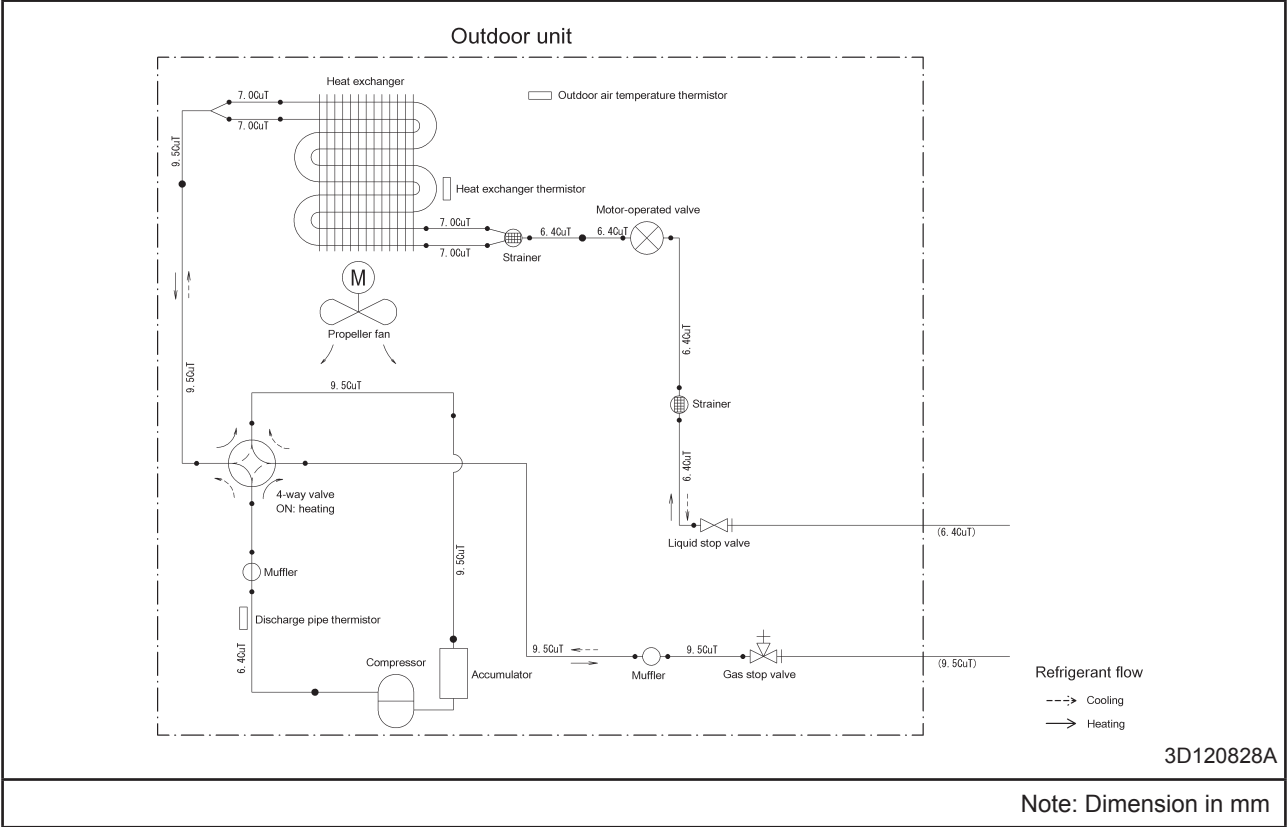
Model: FTXC/ATXC35C



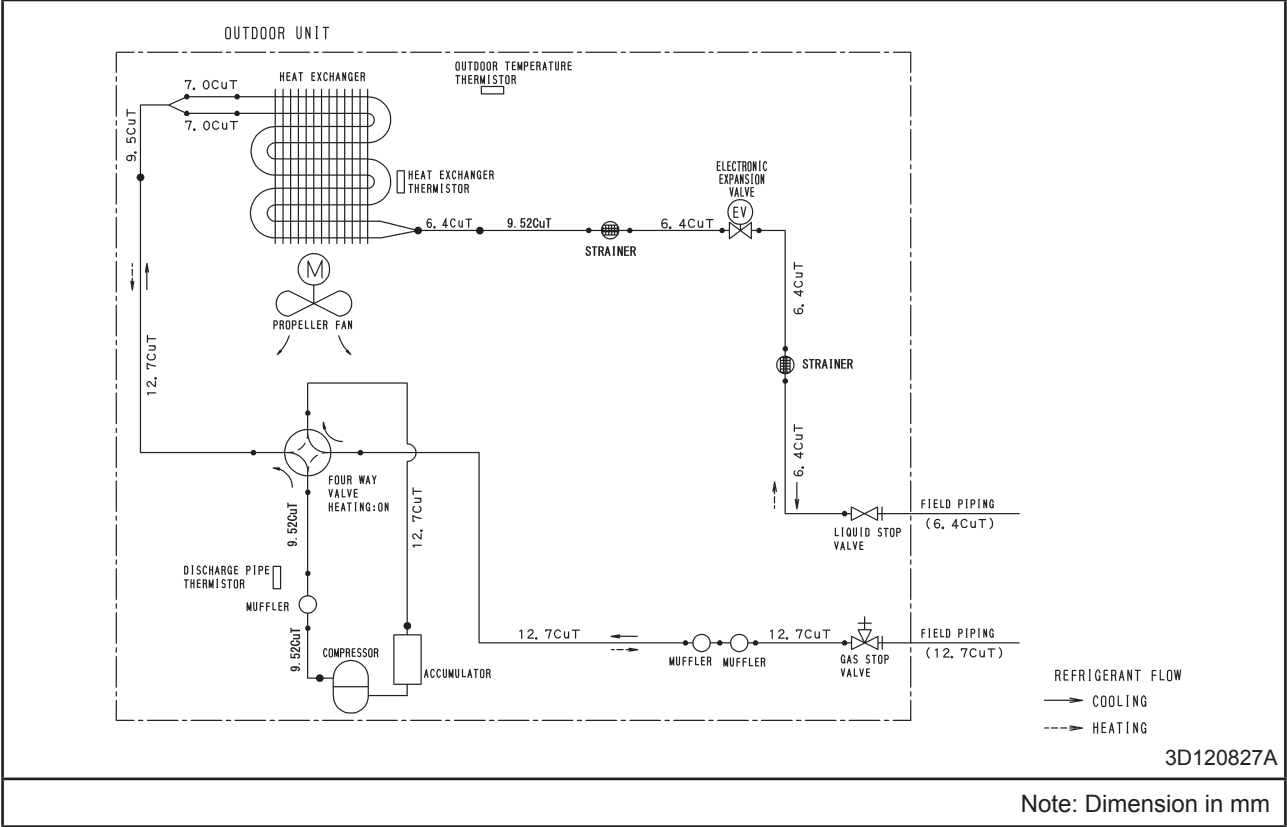
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Outdoor Unit

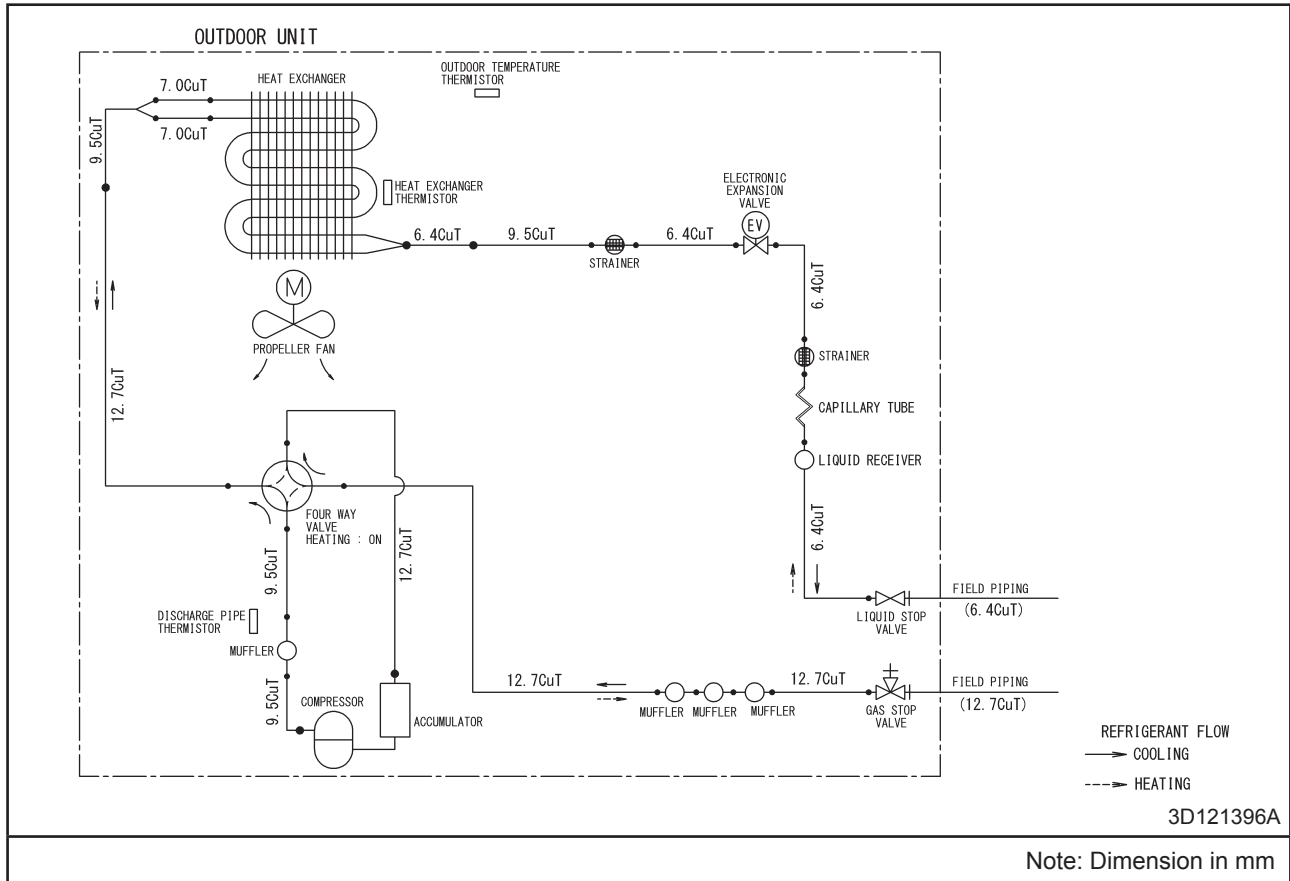
Model: RXC/ARXC20/25/35C



Model: RXC/ARXC50/60C



Model: RXC/ARXC71C



Capacity Tables

Cooling Only

Model : FTXC20C - RXC20C

AFR	10.8
BF	0.28

Cooling: 220 - 240V 50Hz

Indoor Temperature		Outdoor Temperature [°C DB]											
		20			25			30			32		
EWB	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	2.05	1.97	0.46	1.95	1.91	0.50	1.86	1.85	0.54	1.82	1.83	0.56
16	22	2.14	1.94	0.46	2.05	1.88	0.50	1.95	1.82	0.55	1.92	1.80	0.57
18	25	2.24	2.03	0.46	2.14	1.97	0.51	2.05	1.92	0.55	2.01	1.89	0.57
19	27	2.28	2.13	0.46	2.19	2.07	0.51	2.09	2.02	0.55	2.06	2.00	0.57
22	30	2.42	2.05	0.47	2.33	2.00	0.51	2.23	1.96	0.55	2.19	1.94	0.57
24	32	2.51	2.00	0.47	2.42	1.95	0.51	2.33	1.91	0.56	2.29	1.89	0.58

Heating: 220 - 240V 50Hz

AFR	10.8
-----	------

Indoor Temperature		Outdoor Temperature [°C WB]											
		-15			-10			-5			0		
EDB	°C	TC	PI	SHC	TC	PI	SHC	TC	PI	SHC	TC	PI	SHC
15	15	1.19	0.43	1.43	1.43	0.45	1.67	1.67	0.48	1.91	1.91	0.62	2.59
20	20	1.12	0.44	1.36	1.36	0.46	1.60	1.60	0.48	1.84	1.84	0.64	2.50
22	22	1.09	0.45	1.33	1.33	0.47	1.57	1.57	0.49	1.81	1.81	0.64	2.46
24	24	1.06	0.45	1.30	1.30	0.48	1.54	1.54	0.50	1.78	1.78	0.65	2.43
25	25	1.04	0.45	1.28	1.28	0.48	1.53	1.53	0.50	1.77	1.77	0.65	2.41
27	27	1.01	0.46	1.26	1.26	0.48	1.49	1.49	0.50	1.74	1.74	0.66	2.38

Symbols

AFR : Air flow rate
BF : Bypass factor
EWB : Entering wet bulb temp.
EDB : Entering dry bulb temp.
TC : Total capacity
SHC : Sensible heat capacity
PI : Power input

(m³/min.)

(°C)

(°C)

(kW)

(kW)

(kW)

NOTES:
1. shows nominal (rated) capacities and power input.
2. TC, PI and SHC must be calculated by interpolation using the figures in the above tables.
3. Capacities are based on the following conditions.
Corresponding refrigerant piping length : 7.5m
Level difference : 0.0m

Model : FTXC25C - RXC25C

Cooling: 220 - 240V 50Hz

AFR	10.8
BF	0.17

Indoor Temperature		Outdoor temperature [°C DB]											
		20			25			30			32		
EWB	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	2.62	2.40	0.59	2.50	2.33	0.64	2.38	2.25	0.70	2.34	2.22	0.72
16	22	2.74	2.36	0.59	2.62	2.29	0.65	2.50	2.22	0.70	2.46	2.19	0.73
18	25	2.86	2.47	0.59	2.74	2.40	0.65	2.62	2.33	0.71	2.57	2.31	0.73
19	27	2.92	2.59	0.59	2.80	2.53	0.65	2.68	2.47	0.71	2.63	2.44	0.73
22	30	3.09	2.50	0.60	2.98	2.44	0.66	2.86	2.39	0.71	2.81	2.37	0.74
24	32	3.21	2.43	0.61	3.09	2.38	0.66	2.98	2.33	0.72	2.93	2.31	0.74

Heating: 220 - 240V 50Hz

AFR	10.8
-----	------

Indoor Temperature		Outdoor temperature [°C WB]											
		-15			-10			-5			0		
EWB	°C	TC	PI	SHC	TC	PI	SHC	TC	PI	SHC	TC	PI	SHC
15	15	1.35	0.48	1.63	0.51	1.90	0.53	2.18	0.69	2.94	0.73	3.20	0.76
20	20	1.27	0.50	1.54	0.52	1.82	0.54	2.09	0.72	2.84	0.75	3.10	0.77
22	22	1.23	0.50	1.51	0.53	1.78	0.55	2.06	0.72	2.80	0.75	3.06	0.78
24	24	1.20	0.50	1.48	0.53	1.75	0.56	2.02	0.73	2.76	0.76	3.02	0.79
25	25	1.18	0.51	1.46	0.53	1.73	0.56	2.01	0.73	2.74	0.77	3.00	0.79
27	27	1.15	0.51	1.43	0.54	1.70	0.56	1.97	0.73	2.70	0.77	2.96	0.80

Symbols

AFR : Air flow rate

BF : Bypass factor

EWB : Entering wet bulb temp.

EDB : Entering dry bulb temp.

TC : Total capacity

SHC : Sensible heat capacity

PI : Power input

(m³/min.)

(°C)

(°C)

(kW)

(kW)

(kW)

NOTES:

1. shows nominal (rated) capacities and power input.
2. TC, PI and SHC must be calculated by interpolation using the figures in the above tables.
3. Capacities are based on the following conditions.
Corresponding refrigerant piping length : 7.5m
Level difference : 0.0m

Model: FTXC35C - RXC35C

Cooling: 220 - 240V 50Hz

AFR	10.8
BF	0.14

Indoor Temperature		Outdoor Temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	3.59	2.80	0.80	3.42	2.71	0.88	3.26	2.62	0.95	3.19	2.59	0.98	3.10	2.53	1.04	2.93	2.44	1.11
16	22	3.75	2.75	0.81	3.58	2.66	0.88	3.42	2.58	0.96	3.36	2.55	0.99	3.26	2.49	1.04	3.10	2.42	1.12
18	25	3.91	2.87	0.81	3.75	2.80	0.89	3.58	2.71	0.96	3.52	2.68	1.00	3.42	2.63	1.05	3.25	2.56	1.12
19	27	3.99	3.01	0.81	3.83	2.94	0.89	3.66	2.87	0.96	3.60	2.83	1.00	3.50	2.79	1.05	3.34	2.72	1.13
22	30	4.23	2.90	0.82	4.07	2.84	0.90	3.90	2.77	0.97	3.84	2.75	1.00	3.74	2.71	1.05	3.58	2.64	1.13
24	32	4.39	2.83	0.83	4.23	2.77	0.90	4.07	2.71	0.98	4.00	2.68	1.01	3.90	2.64	1.06	3.74	2.58	1.14

Heating: 220 - 240V 50Hz

AFR	10.8
-----	------

Indoor Temperature		Outdoor Temperature [°C WB]																	
EDB		-15			-10			-5			0			6			10		
	°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
	15	1.90	0.68	2.29	0.72	2.67	0.76	3.06	0.99	4.14	1.05	4.50	1.08						
	20	1.79	0.71	2.17	0.74	2.56	0.77	2.95	1.02	4.00	1.07	4.36	1.10						
	22	1.74	0.72	2.13	0.75	2.51	0.79	2.90	1.02	3.94	1.08	4.31	1.12						
	24	1.69	0.72	2.08	0.76	2.46	0.79	2.84	1.04	3.89	1.08	4.25	1.13						
	25	1.67	0.73	2.05	0.76	2.44	0.80	2.83	1.04	3.86	1.09	4.22	1.13						
	27	1.62	0.73	2.01	0.77	2.39	0.81	2.78	1.05	3.81	1.10	4.17	1.14						

- Symbols

AFR : Air flow rate

BF : Bypass factor

EWB : Entering wet bulb temp.

EDB : Entering dry bulb temp.

TC : Total capacity

SHC : Sensible heat capacity

PI : Power input
- (m³/min.)

(°C)

(°C)

(kW)

(kW)

(kW)
- NOTES:

1. shows nominal (rated) capacities and power input.

2. TC, PI and SHC must be calculated by interpolation using the figures in the above tables.

3. Capacities are based on the following conditions.

Corresponding refrigerant piping length : 7.5m

Level difference : 0.0m

Model : FTXC50C - RXC50C

Cooling: 220 - 240V 50Hz

AFR	12.2
BF	0.16

Indoor Temperature		Outdoor Temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	5.23	3.65	1.19	4.98	3.53	1.30	4.75	3.42	1.41	4.65	3.37	1.46	4.51	3.30	1.54	4.27	3.18	1.65
16	22	5.47	3.59	1.20	5.22	3.47	1.31	4.98	3.37	1.43	4.89	3.33	1.47	4.75	3.25	1.54	4.51	3.16	1.66
18	25	5.70	3.74	1.20	5.47	3.65	1.32	5.22	3.54	1.43	5.13	3.50	1.48	4.98	3.44	1.55	4.74	3.34	1.66
19	27	5.81	3.93	1.20	5.58	3.83	1.32	5.33	3.74	1.43	5.24	3.70	1.48	5.10	3.64	1.55	4.87	3.55	1.67
22	30	6.16	3.79	1.22	5.93	3.70	1.33	5.69	3.62	1.44	5.60	3.59	1.49	5.45	3.53	1.56	5.22	3.45	1.68
24	32	6.40	3.69	1.23	6.16	3.61	1.34	5.93	3.53	1.46	5.83	3.50	1.50	5.69	3.45	1.57	5.45	3.37	1.69

Heating: 220 - 240V 50Hz

AFR	12.2
-----	------

Indoor Temperature		Outdoor Temperature [°C WB]																	
EDB		-15			-10			-5			0			6			10		
	°C	TC	PI		TC	PI		TC	PI		TC	PI		TC	PI		TC	PI	
15		2.67	0.97		3.22	1.02		3.76	1.08		4.30	1.40		5.81	1.48		6.32	1.53	
20		2.52	1.00		3.05	1.05		3.59	1.10		4.14	1.44		5.62	1.52		6.13	1.56	
22		2.44	1.01		2.99	1.06		3.53	1.11		4.07	1.45		5.54	1.52		6.05	1.58	
24		2.38	1.02		2.92	1.08		3.46	1.12		4.00	1.47		5.46	1.53		5.97	1.59	
25		2.34	1.03		2.88	1.08		3.43	1.13		3.98	1.48		5.43	1.55		5.93	1.60	
27		2.28	1.03		2.82	1.09		3.36	1.14		3.90	1.48		5.35	1.56		5.86	1.61	

Symbols

AFR : Air flow rate

BF : Bypass factor

EWB : Entering wet bulb temp.

EDB : Entering dry bulb temp.

TC : Total capacity

SHC : Sensible heat capacity

PI : Power input

(m³/min.)

(°C)

(°C)

(kW)

(kW)

(kW)

NOTES:

1. shows nominal (rated) capacities and power input.
2. TC, PI and SHC must be calculated by interpolation using the figures in the above tables.
3. Capacities are based on the following conditions.
Corresponding refrigerant piping length : 7.5m
Level difference : 0.0m

Model : FTXC60C - RXC60C

Cooling: 220 - 240V 50Hz

AFR	20.4
BF	0.13

Indoor Temperature		Outdoor Temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	6.38	4.94	1.45	6.09	4.78	1.59	5.80	4.63	1.72	5.68	4.57	1.78	5.51	4.47	1.87	5.22	4.31	2.01
16	22	6.68	4.86	1.46	6.38	4.70	1.59	6.08	4.56	1.74	5.98	4.51	1.80	5.80	4.41	1.87	5.51	4.28	2.02
18	25	6.96	5.07	1.47	6.68	4.94	1.61	6.38	4.79	1.74	6.27	4.74	1.80	6.08	4.65	1.89	5.79	4.53	2.03
19	27	7.10	5.33	1.47	6.81	5.19	1.61	6.52	5.07	1.74	6.40	5.01	1.80	6.23	4.93	1.89	5.94	4.81	2.04
22	30	7.53	5.13	1.48	7.24	5.01	1.62	6.95	4.90	1.76	6.83	4.86	1.82	6.66	4.78	1.91	6.38	4.67	2.05
24	32	7.82	4.99	1.49	7.53	4.89	1.63	7.24	4.78	1.78	7.12	4.74	1.83	6.95	4.67	1.91	6.66	4.56	2.06

Heating: 220 - 240V 50Hz

AFR	20.4
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Indoor Temperature		Outdoor Temperature [°C WB]																	
EDB		-15			-10			-5			0			6			10		
	°C	TC	PI		TC	PI		TC	PI		TC	PI		TC	PI		TC	PI	
	15	3.04	1.08		3.66	1.13		4.28	1.19		4.90	1.56		6.62	1.65		7.20	1.70	
	20	2.87	1.11		3.47	1.16		4.09	1.22		4.71	1.60		6.40	1.68		6.98	1.73	
	22	2.78	1.13		3.40	1.18		4.02	1.23		4.63	1.61		6.31	1.69		6.89	1.75	
	24	2.71	1.13		3.33	1.19		3.94	1.25		4.55	1.63		6.22	1.70		6.80	1.77	
	25	2.67	1.14		3.28	1.19		3.91	1.25		4.53	1.64		6.18	1.71		6.75	1.77	
	27	2.60	1.15		3.21	1.21		3.82	1.27		4.44	1.65		6.09	1.73		6.67	1.79	

Symbols

- AFR : Air flow rate (m³/min.)
BF : Bypass factor
EWB : Entering wet bulb temp. (°C)
EDB : Entering dry bulb temp. (°C)
TC : Total capacity (kW)
SHC : Sensible heat capacity (kW)
PI : Power input (kW)

NOTES:

1. shows nominal (rated) capacities and power input.
2. TC, PI and SHC must be calculated by interpolation using the figures in the above tables.
3. Capacities are based on the following conditions:
Corresponding refrigerant piping length : 7.5m
Level difference : 0.0m

AFR	20.4
BF	0.13

Heating: 220 - 240V 50Hz

AFR

Symbols	(m ³ /min.)
AFR	: Air flow rate
BF	: Bypass factor
EWB	: Entering wet bulb temp. (°C)
EDB	: Entering dry bulb temp. (°C)
TC	: Total capacity (kW)
SHC	: Sensible heat capacity (kW)
PI	: Power input (kW)

NOTES:

1. shows nominal (rated) capacities and power input.
2. TC, PI and SHC must be calculated by interpolation using the figures in the above tables.
3. Capacities are based on the following conditions.
 Corresponding refrigerant piping length : 7.5m
 Level difference : 0.0m

Model : ATXC20C - ARXC20C

Cooling: 220 - 240V 50Hz

AFR	10.8
BF	0.28

Indoor Temperature		Outdoor Temperature [°C DB]															
		20				25				30				32			
EWB	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC
14	20	2.05	1.97	0.46	1.95	1.91	0.50	1.86	1.85	0.55	1.82	1.83	0.57	1.77	1.78	0.59	1.67
16	22	2.14	1.94	0.46	2.05	1.88	0.51	1.95	1.82	0.55	1.92	1.80	0.57	1.86	1.76	0.59	1.77
18	25	2.24	2.03	0.47	2.14	1.97	0.51	2.05	1.92	0.55	2.01	1.89	0.57	1.95	1.86	0.60	1.86
19	27	2.28	2.13	0.47	2.19	2.07	0.51	2.09	2.02	0.55	2.06	2.00	0.57	2.00	1.97	0.60	1.91
22	30	2.42	2.05	0.47	2.33	2.00	0.52	2.23	1.96	0.56	2.19	1.94	0.58	2.14	1.91	0.61	2.05
24	32	2.51	2.00	0.47	2.42	1.95	0.52	2.33	1.91	0.56	2.29	1.89	0.58	2.23	1.87	0.61	2.14

Heating: 220 - 240V 50Hz

AFR	10.8
-----	------

Indoor Temperature		Outdoor Temperature [°C WB]											
		-15				-10				-5			
EDB	°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15		1.19	0.43	1.43	0.45	1.67	0.48	1.91	0.62	2.59	0.66	2.81	0.68
20		1.12	0.44	1.36	0.46	1.60	0.48	1.84	0.64	2.50	0.67	2.73	0.69
22		1.09	0.45	1.33	0.47	1.57	0.49	1.81	0.64	2.46	0.67	2.69	0.70
24		1.06	0.45	1.30	0.48	1.54	0.50	1.78	0.65	2.43	0.68	2.66	0.70
25		1.04	0.45	1.28	0.48	1.53	0.50	1.77	0.65	2.41	0.68	2.64	0.71
27		1.01	0.46	1.26	0.48	1.49	0.50	1.74	0.66	2.38	0.69	2.61	0.71

Symbols

- AFR : Air flow rate (m³/min.)
BF : Bypass factor
EWB : Entering wet bulb temp. (°C)
EDB : Entering dry bulb temp. (°C)
TC : Total capacity (kW)
SHC : Sensible heat capacity (kW)
PI : Power input (kW)

NOTES:

1. shows nominal (rated) capacities and power input.
2. TC, PI and SHC must be calculated by interpolation using the figures in the above tables.
3. Capacities are based on the following conditions.
Corresponding refrigerant piping length : 7.5m
Level difference : 0.0m

Cooling: 220 - 240V 50Hz

AFR	10.8
BF	0.17

Indoor Temperature		Outdoor Temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	2.62	2.40	0.59	2.50	2.33	0.65	2.38	2.25	0.71	2.34	2.22	0.73	2.26	2.17	0.77	2.14	2.10	0.82
16	22	2.74	2.36	0.60	2.62	2.29	0.65	2.50	2.22	0.71	2.46	2.19	0.74	2.38	2.15	0.77	2.26	2.08	0.83
18	25	2.86	2.47	0.60	2.74	2.40	0.66	2.62	2.33	0.72	2.57	2.31	0.74	2.50	2.27	0.78	2.38	2.20	0.83
19	27	2.92	2.59	0.60	2.80	2.53	0.66	2.68	2.47	0.72	2.63	2.44	0.74	2.56	2.40	0.78	2.44	2.34	0.84
22	30	3.09	2.50	0.61	2.98	2.44	0.67	2.86	2.39	0.72	2.81	2.37	0.75	2.74	2.33	0.78	2.62	2.27	0.84
24	32	3.21	2.43	0.61	3.09	2.38	0.67	2.98	2.33	0.73	2.93	2.31	0.75	2.86	2.27	0.78	2.74	2.22	0.84

Heating: 220 - 240V 50Hz

AFR	10.8
-----	------

Indoor Temperature		Outdoor Temperature [°C WB]																	
EDB		-15			-10			-5			0			6			10		
°C		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
15		1.35	0.48	1.63	0.51	1.90	0.54	2.18	0.70	2.94	0.74	3.20	0.76						
20		1.27	0.50	1.54	0.52	1.82	0.55	2.09	0.72	2.84	0.76	3.10	0.78						
22		1.23	0.51	1.51	0.53	1.78	0.55	2.06	0.72	2.80	0.76	3.06	0.79						
24		1.20	0.51	1.48	0.54	1.75	0.56	2.02	0.73	2.76	0.76	3.02	0.79						
25		1.18	0.51	1.46	0.54	1.73	0.56	2.01	0.74	2.74	0.77	3.00	0.80						
27		1.15	0.52	1.43	0.54	1.70	0.57	1.97	0.74	2.70	0.78	2.96	0.80						

Symbols

AFR : Air flow rate

BF : Bypass factor

EWB : Entering wet bulb temp.

EWD : Entering wet bulb temp.
EDB : Entering dry bulb temp.

TC : Total capacity

SHC : Sensible heat capacity

PI : Power input (kW)

NOTES:

(m³/min.)

1. shows nominal (rated) capacities and power input.

2. TC, PI and SHC must be calculated by interpolation using the figures in the above tables.

3. Capacities are based on the following conditions.

Corresponding refrigerant piping length : 7.5m

Level difference

[illegible]

Model : ATXC35C - ARXC35C

Cooling: 220 - 240V 50Hz

AFR	10.8
BF	0.14

Indoor Temperature		Outdoor Temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	3.59	2.80	0.81	3.42	2.71	0.89	3.26	2.62	0.97	3.19	2.59	1.00	3.10	2.53	1.05	2.93	2.44	1.13
16	22	3.75	2.75	0.82	3.58	2.66	0.89	3.42	2.58	0.98	3.36	2.55	1.01	3.26	2.49	1.05	3.10	2.42	1.13
18	25	3.91	2.87	0.82	3.75	2.80	0.90	3.58	2.71	0.98	3.52	2.68	1.01	3.42	2.63	1.06	3.25	2.56	1.14
19	27	3.99	3.01	0.82	3.83	2.94	0.90	3.66	2.87	0.98	3.60	2.83	1.01	3.50	2.79	1.06	3.34	2.72	1.14
22	30	4.23	2.90	0.83	4.07	2.84	0.91	3.90	2.77	0.99	3.84	2.75	1.02	3.74	2.71	1.07	3.58	2.64	1.15
24	32	4.39	2.83	0.84	4.23	2.77	0.91	4.07	2.71	1.00	4.00	2.68	1.03	3.90	2.64	1.07	3.74	2.58	1.15

Heating: 220 - 240V 50Hz

AFR	10.8
-----	------

Indoor Temperature		Outdoor Temperature [°C WB]																	
EDB		-15			-10			-5			0			6			10		
	°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
	15	1.90	0.69	2.29	0.72	2.67	0.76	3.06	1.00	4.14	1.05	4.50	1.09						
	20	1.79	0.71	2.17	0.74	2.56	0.78	2.95	1.02	4.00	1.08	4.36	1.11						
	22	1.74	0.72	2.13	0.75	2.51	0.79	2.90	1.03	3.94	1.08	4.31	1.12						
	24	1.69	0.72	2.08	0.76	2.46	0.80	2.84	1.04	3.89	1.09	4.25	1.13						
	25	1.67	0.73	2.05	0.76	2.44	0.80	2.83	1.05	3.86	1.10	4.22	1.13						
	27	1.62	0.73	2.01	0.78	2.39	0.81	2.78	1.05	3.81	1.11	4.17	1.14						

Symbols

AFR : Air flow rate

BF : Bypass factor

EWB : Entering wet bulb temp.

EDB : Entering dry bulb temp.

TC : Total capacity

SHC : Sensible heat capacity

PI : Power input

(m³/min.)

(°C)

(°C)

(kW)

(kW)

(kW)

NOTES:

1. shows nominal (rated) capacities and power input.
2. TC, PI and SHC must be calculated by interpolation using the figures in the above tables.
3. Capacities are based on the following conditions.
Corresponding refrigerant piping length : 7.5m
Level difference : 0.0m

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Cooling: 220 - 240V 50Hz

AFR	12.2
BF	0.16

Indoor Temperature		Outdoor Temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	5.23	3.65	1.20	4.98	3.53	1.32	4.75	3.42	1.43	4.65	3.37	1.48	4.51	3.30	1.56	4.27	3.18	1.67
16	22	5.47	3.59	1.21	5.22	3.47	1.32	4.98	3.37	1.45	4.89	3.33	1.49	4.75	3.25	1.56	4.51	3.16	1.68
18	25	5.70	3.74	1.22	5.47	3.65	1.34	5.22	3.54	1.45	5.13	3.50	1.50	4.98	3.44	1.57	4.74	3.34	1.68
19	27	5.81	3.93	1.22	5.58	3.83	1.34	5.33	3.74	1.45	5.24	3.70	1.50	5.10	3.64	1.57	4.87	3.55	1.69
22	30	6.16	3.79	1.23	5.93	3.70	1.35	5.69	3.62	1.46	5.60	3.59	1.51	5.45	3.53	1.58	5.22	3.45	1.70
24	32	6.40	3.69	1.24	6.16	3.61	1.36	5.93	3.53	1.48	5.83	3.50	1.52	5.69	3.45	1.59	5.45	3.37	1.71

Heating: 220 - 240V 50Hz

AFR	12.2
-----	------

Indoor Temperature		Outdoor Temperature [°C WB]																	
EDB		-15			-10			-5			0			6			10		
	°C	TC	PI		TC	PI		TC	PI		TC	PI		TC	PI		TC	PI	
	15	2.67	0.97		3.22	1.02		3.76	1.08		4.30	1.40		5.81	1.48		6.32	1.53	
	20	2.52	1.00		3.05	1.05		3.59	1.10		4.14	1.44		5.62	1.52		6.13	1.56	
	22	2.44	1.01		2.99	1.06		3.53	1.11		4.07	1.45		5.54	1.52		6.05	1.58	
	24	2.38	1.02		2.92	1.08		3.46	1.12		4.00	1.47		5.46	1.53		5.97	1.59	
	25	2.34	1.03		2.88	1.08		3.43	1.13		3.98	1.48		5.43	1.55		5.93	1.60	
	27	2.28	1.03		2.82	1.09		3.36	1.14		3.90	1.48		5.35	1.56		5.86	1.61	

Symbols

AFR : Air flow rate

BF : Bypass factor

EWB : Entering wet bulb temp.

EADB : Entering dry bulb temp.

TC	: Total capacity	(kW)
EBB	: Entering air base temp:	(°C)

Parameter	Unit
SHC	(kW)
Sensible heat capacity	(kW)
Total capacity	(kW)

PI : Power input (kW)

3
 3
2
 =
 5
 3
 0
 :
 -

NOTES:

(m³/min.)

—

(°C)

(°C)

(kW)

(kW) (kW)

(kW) (kW)

(1500)

1. ☐ shows nominal (rated) capacities and power input.

2. TC, PI and SHC must be calculated by interpolation using the figures in the above tables.

3. Capacities are based on the following conditions.

Corresponding refrigerant piping length : 7.5m

Level difference : 0.0m

Model : ATXC60C - ARXC60C

Cooling: 220 - 240V 50Hz

AFR	20.4
BF	0.13

Indoor Temperature		Outdoor Temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	6.38	4.94	1.46	6.09	4.78	1.61	5.80	4.63	1.75	5.68	4.57	1.80	5.51	4.47	1.90	5.22	4.31	2.04
16	22	6.68	4.86	1.48	6.38	4.70	1.62	6.08	4.56	1.76	5.98	4.51	1.82	5.80	4.41	1.90	5.51	4.28	2.05
18	25	6.96	5.07	1.48	6.68	4.94	1.63	6.38	4.79	1.77	6.27	4.74	1.82	6.08	4.65	1.92	5.79	4.53	2.05
19	27	7.10	5.33	1.48	6.81	5.19	1.63	6.52	5.07	1.77	6.40	5.01	1.82	6.23	4.93	1.92	5.94	4.81	2.07
22	30	7.53	5.13	1.50	7.24	5.01	1.65	6.95	4.90	1.78	6.83	4.86	1.84	6.66	4.78	1.93	6.38	4.67	2.07
24	32	7.82	4.99	1.51	7.53	4.89	1.65	7.24	4.78	1.80	7.12	4.74	1.86	6.95	4.67	1.94	6.66	4.56	2.08

Heating: 220 - 240V 50Hz

AFR	20.4
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Indoor Temperature		Outdoor Temperature [°C WB]																	
EDB		-15			-10			-5			0			6			10		
	°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
	15	3.04	1.10	3.66	1.16	4.28	1.23	4.90	1.60			6.62	1.69			7.20	1.74		
	20	2.87	1.14	3.47	1.19	4.09	1.25	4.71	1.64			6.40	1.73			6.98	1.78		
	22	2.78	1.16	3.40	1.21	4.02	1.27	4.63	1.65			6.31	1.74			6.89	1.80		
	24	2.71	1.16	3.33	1.23	3.94	1.28	4.55	1.67			6.22	1.75			6.80	1.81		
	25	2.67	1.17	3.28	1.23	3.91	1.29	4.53	1.68			6.18	1.76			6.75	1.82		
	27	2.60	1.18	3.21	1.24	3.82	1.30	4.44	1.69			6.09	1.78			6.67	1.83		

Symbols

- AFR : Air flow rate (m³/min.)
BF : Bypass factor
EWB : Entering wet bulb temp. (°C)
EDB : Entering dry bulb temp. (°C)
TC : Total capacity (kW)
SHC : Sensible heat capacity (kW)
PI : Power input (kW)

NOTES:

1. [] shows nominal (rated) capacities and power input.
2. TC, PI and SHC must be calculated by interpolation using the figures in the above tables.
3. Capacities are based on the following conditions:
Corresponding refrigerant piping length : 7.5m
Level difference : 0.0m

Model : ATXC71C - ARXC71C

Cooling: 220 - 240V 50Hz

AFR	20.4
BF	0.13

Indoor Temperature		Outdoor temperature [°C DB]																	
		20			25			30			32			35			40		
EWB	EDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	7.28	5.05	1.84	6.94	4.89	2.02	6.61	4.73	2.20	6.48	4.67	2.27	6.28	4.57	2.39	5.94	4.41	2.56
16	22	7.61	4.97	1.86	7.27	4.80	2.03	6.93	4.66	2.22	6.81	4.61	2.29	6.61	4.51	2.39	6.28	4.37	2.57
18	25	7.93	5.18	1.87	7.61	5.05	2.05	7.27	4.90	2.22	7.14	4.84	2.30	6.93	4.76	2.41	6.60	4.63	2.58
19	27	8.09	5.45	1.87	7.76	5.31	2.05	7.43	5.18	2.22	7.30	5.12	2.30	7.10	5.04	2.41	6.77	4.92	2.60
22	30	8.58	5.25	1.89	8.26	5.12	2.07	7.92	5.01	2.25	7.79	4.97	2.32	7.59	4.89	2.43	7.27	4.77	2.61
24	32	8.91	5.10	1.91	8.58	5.00	2.08	8.26	4.89	2.27	8.12	4.85	2.34	7.92	4.77	2.44	7.59	4.66	2.62

Heating: 220 - 240V 50Hz

AFR	20.4
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Indoor Temperature		Outdoor temperature [°C WB]															
		-15			-10			-5			0			6			10
EDB	°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	15	3.80	1.59	4.58	1.68	5.35	1.77	6.13	2.31	8.27	2.44	9.00	2.52	9.73	2.57	10.46	2.60
20	20	3.58	1.64	4.34	1.72	5.12	1.80	5.89	2.37	8.00	2.49	8.73	2.57	9.46	2.60	10.19	2.63
22	22	3.48	1.67	4.25	1.75	5.02	1.83	5.79	2.38	7.88	2.50	8.62	2.60	9.35	2.63	10.08	2.66
24	24	3.38	1.67	4.16	1.77	4.92	1.85	5.69	2.41	7.78	2.52	8.51	2.62	9.24	2.65	9.97	2.68
25	25	3.34	1.69	4.10	1.77	4.88	1.86	5.66	2.43	7.73	2.54	8.44	2.63	9.19	2.66	9.92	2.69
27	27	3.25	1.70	4.02	1.80	4.78	1.88	5.55	2.44	7.61	2.57	8.34	2.65	9.07	2.68	9.80	2.71

Symbols

AFR : Air flow rate

BF : Bypass factor

EWB : Entering wet bulb temp. (°C)

EDB : Entering dry bulb temp. (°C)

TC : Total capacity (kW)

SHC : Sensible heat capacity (kW)

PI : Power input (kW)

(m³/min.)

(°C)

(°C)

(kW)

(kW)

(kW)

NOTES:

1. shows nominal (rated) capacities and power input

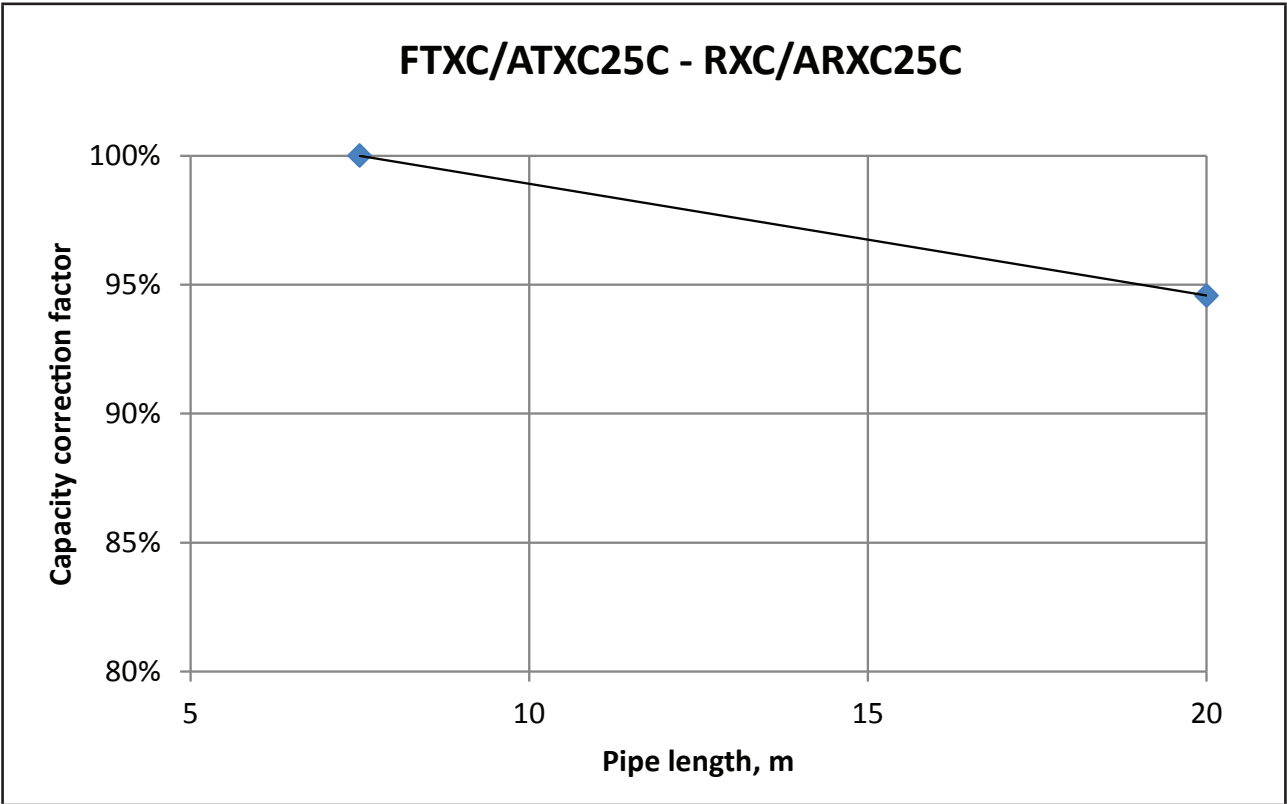
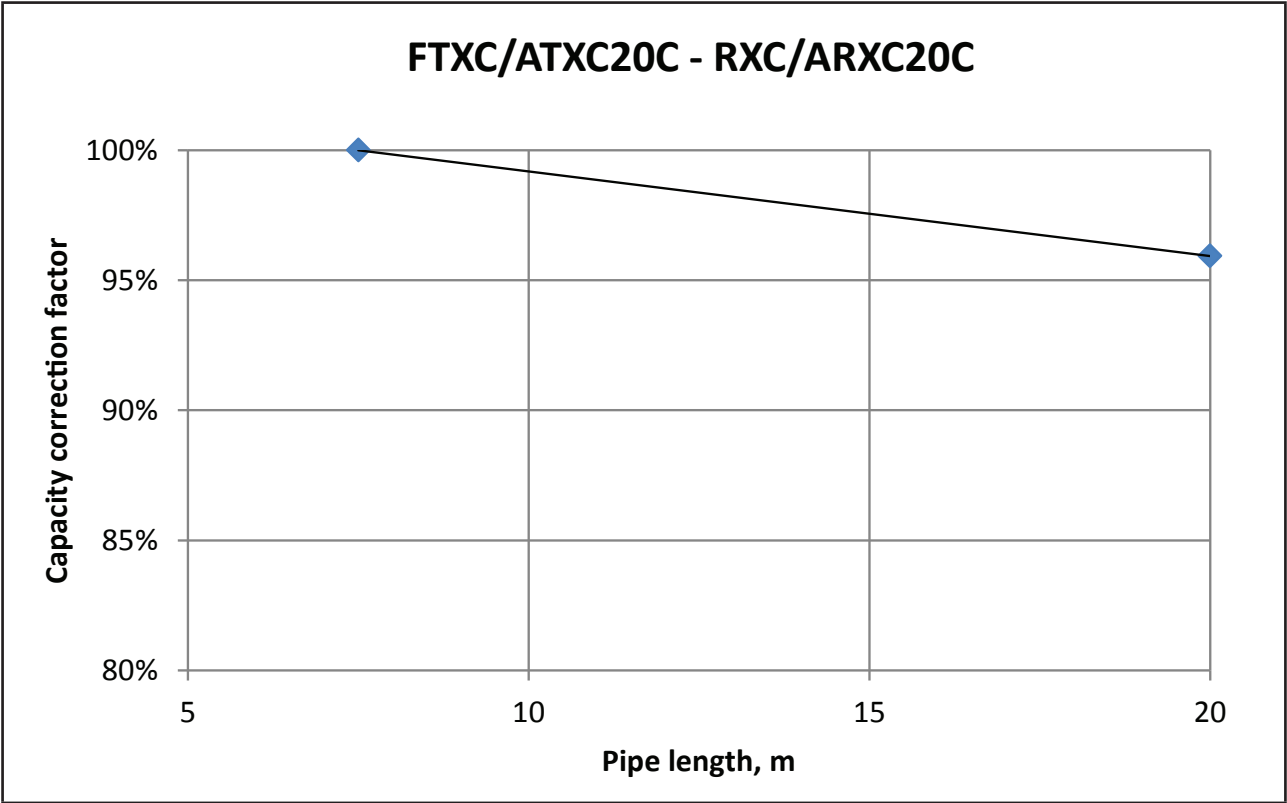
2. TC, PI and SHC must be calculated by interpolation using the figures in the above tables.

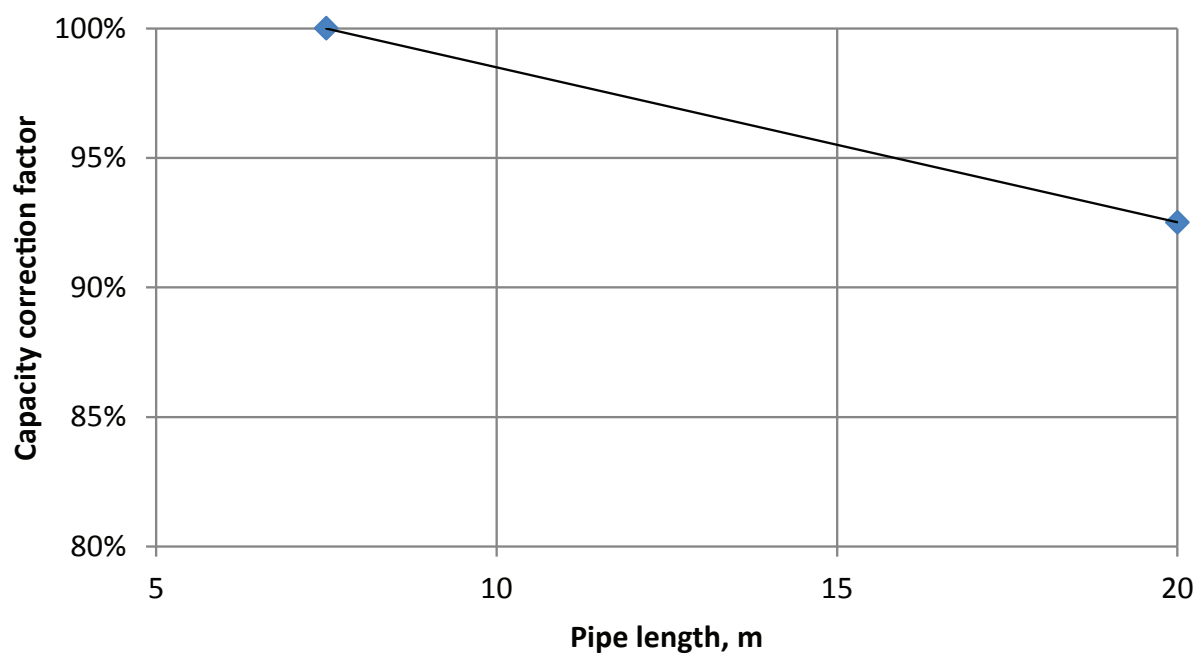
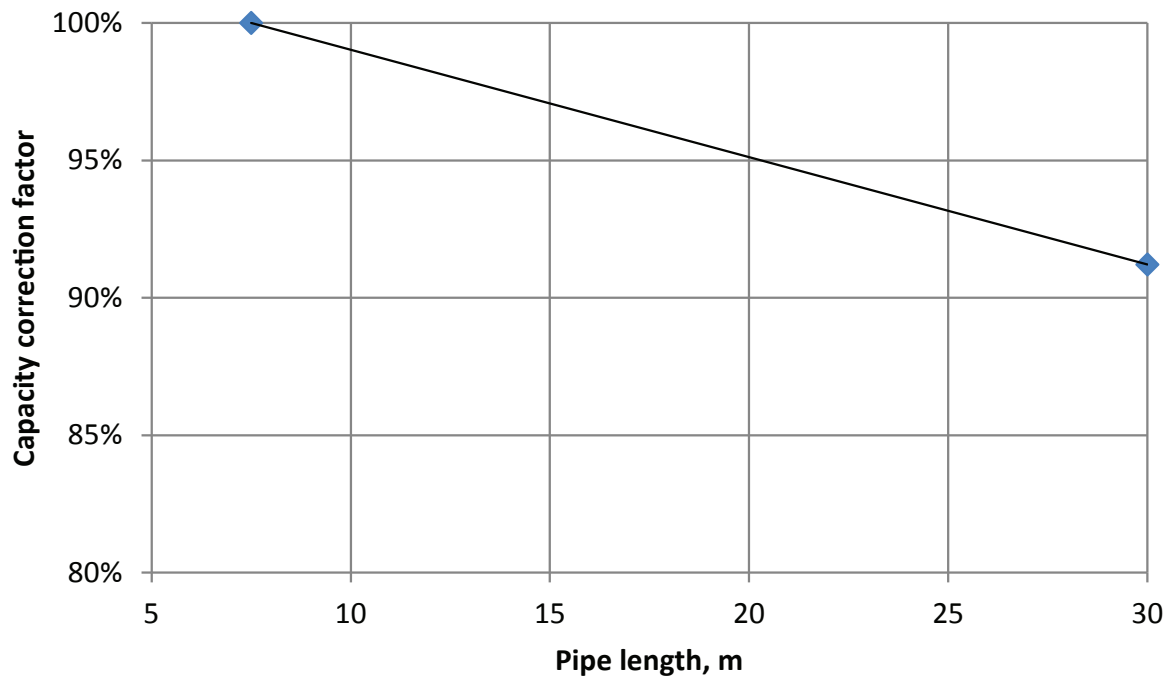
3. Capacities are based on the following conditions:

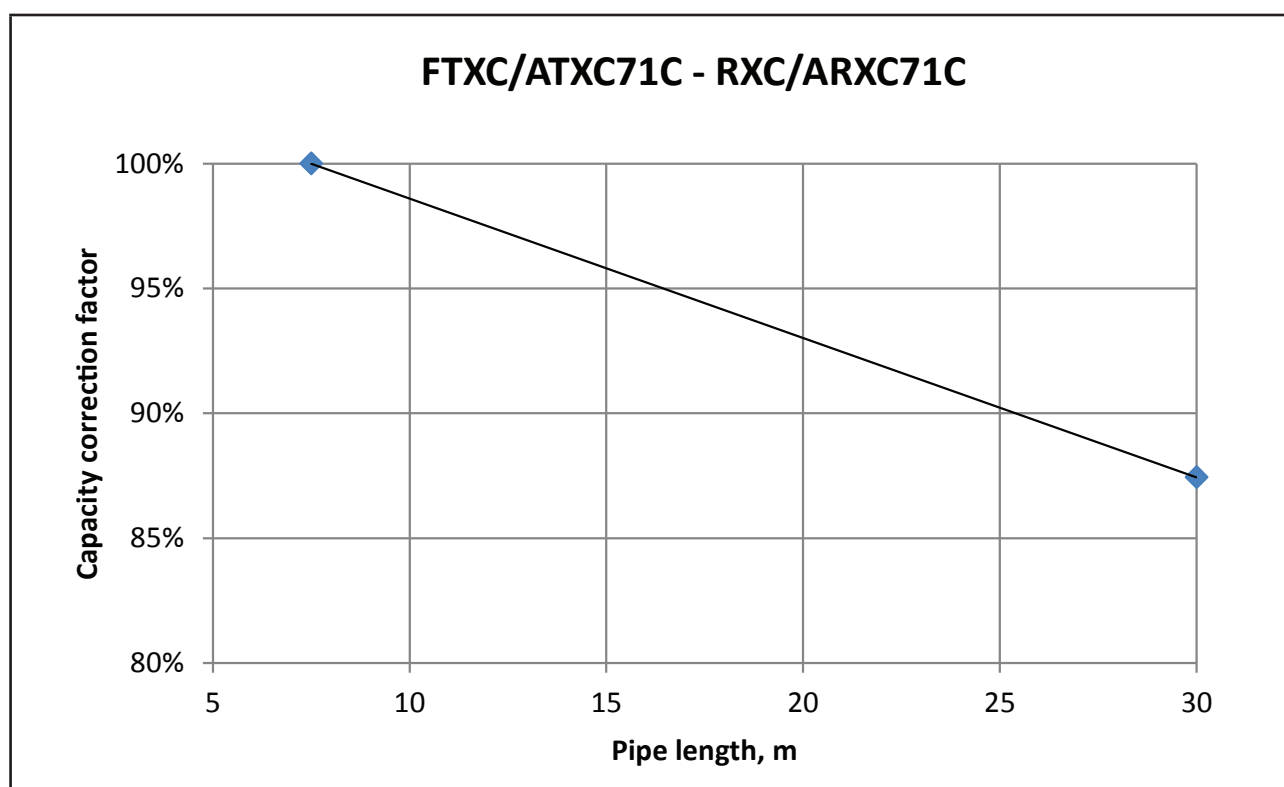
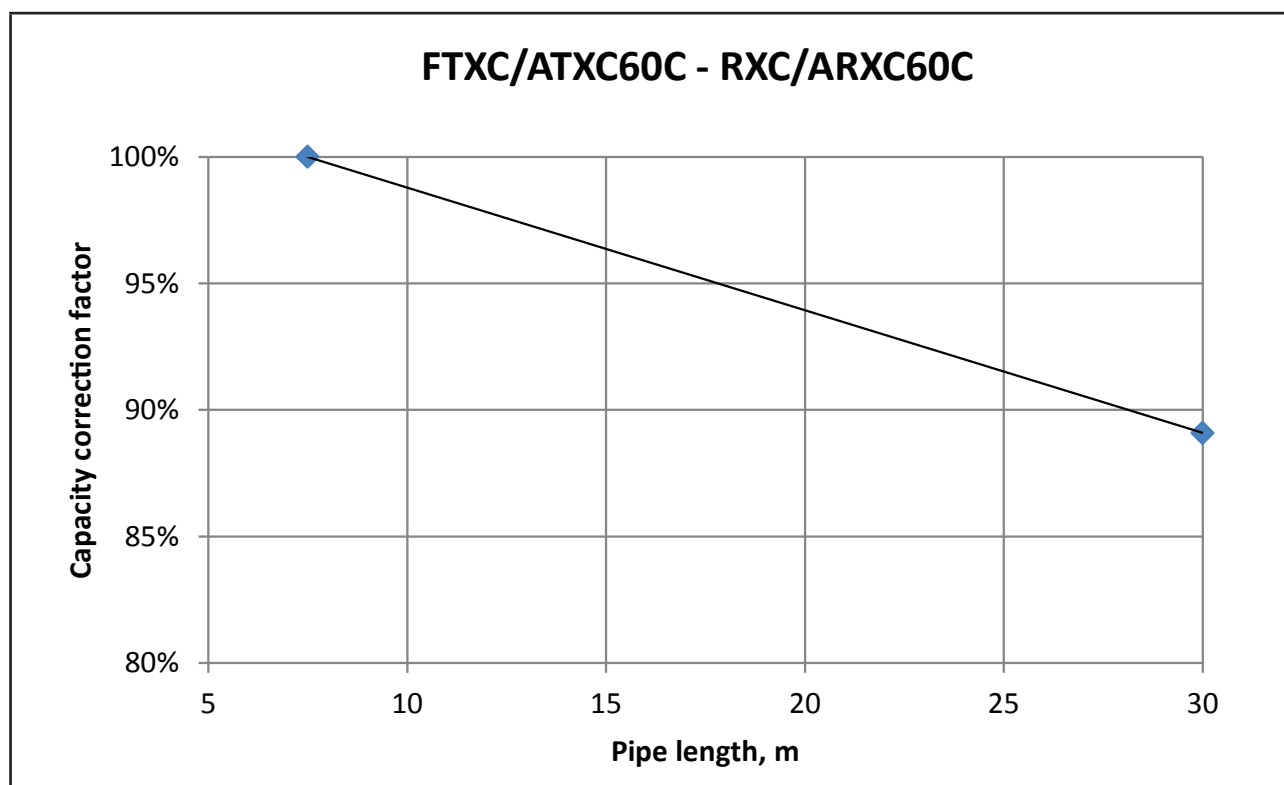
Corresponding refrigerant piping length : 7.5m

Level difference : 0.0m

Capacity correction factor by the length of refrigerant piping



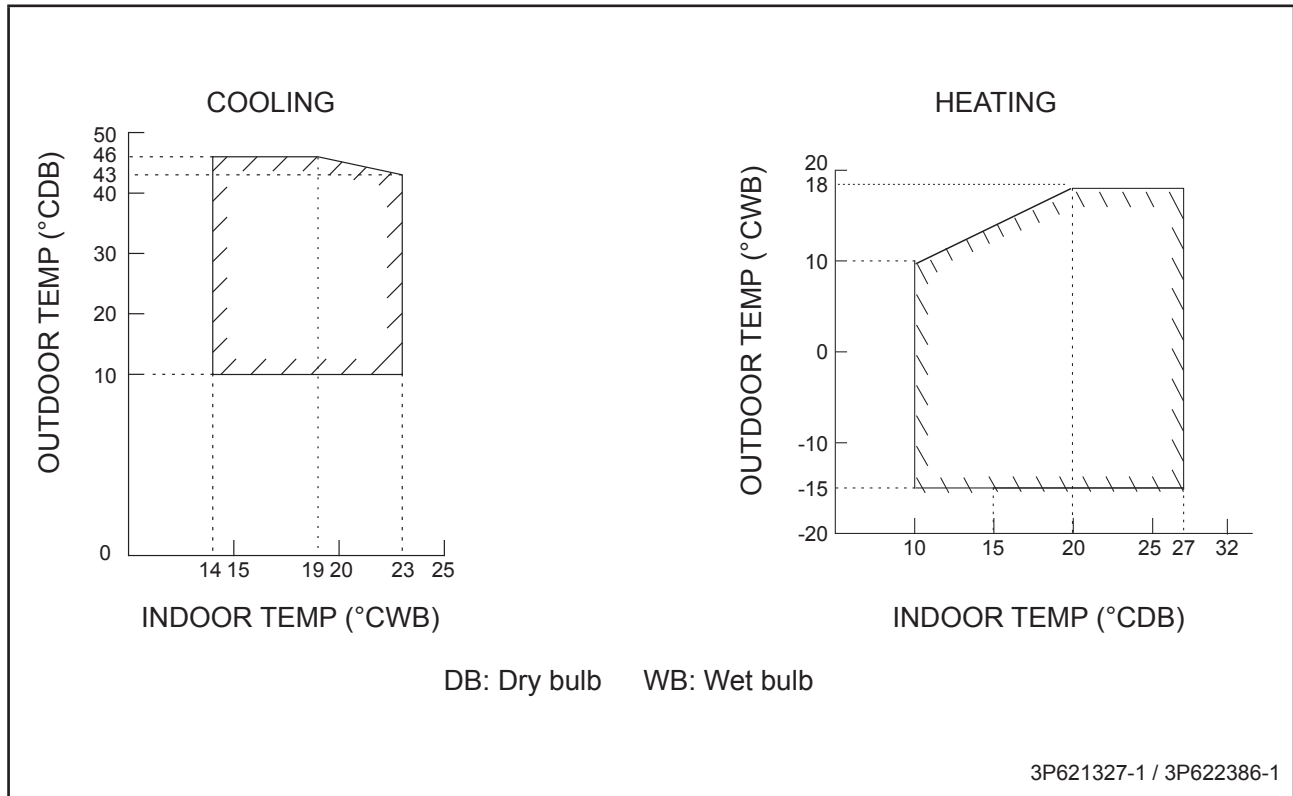
FTXC/ATXC35C - RXC/ARXC35C**FTXCATXC50C - RXC/ARXC50C**

**Notes:**

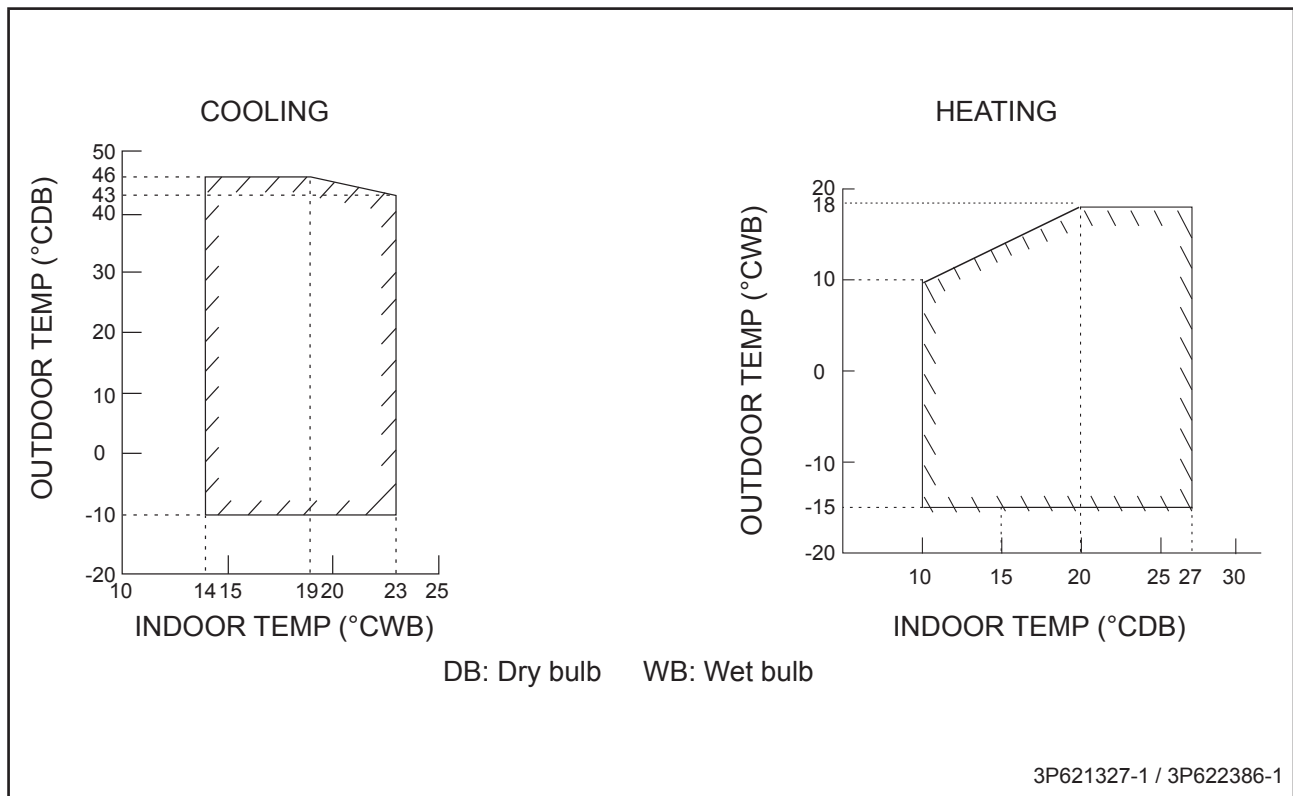
- 1.----- represents the capacity correction factor for the capacity when additional refrigerant of the proper quantity is charged.
- 2.The correction ratio remains the same whether the outdoor unit is to be installed above or below the unit.
- 3.Calculation method for capacity
Capacity = capacity obtained from engineering data x capacity correction factor
- 4.The actual unit piping length shall not exceed the maximum piping length shown on the table.

Operation Limit

Model : RXC/ARXC20/25/35C

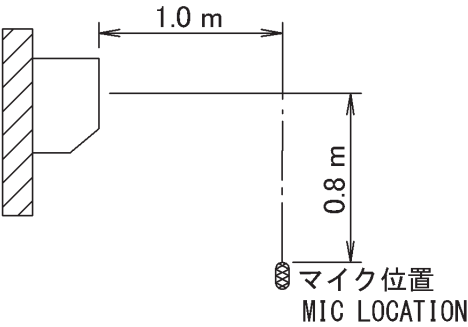


Model : RXC/ARXC50/60/71C



Sound Level

Location Of Microphone

Model	Measuring Location
FTXC/ATXC20C FTXC/ATXC25C FTXC/ATXC35C FTXC/ATXC50C FTXC/ATXC60C FTXC/ATXC71C	 マイク位置 MIC LOCATION

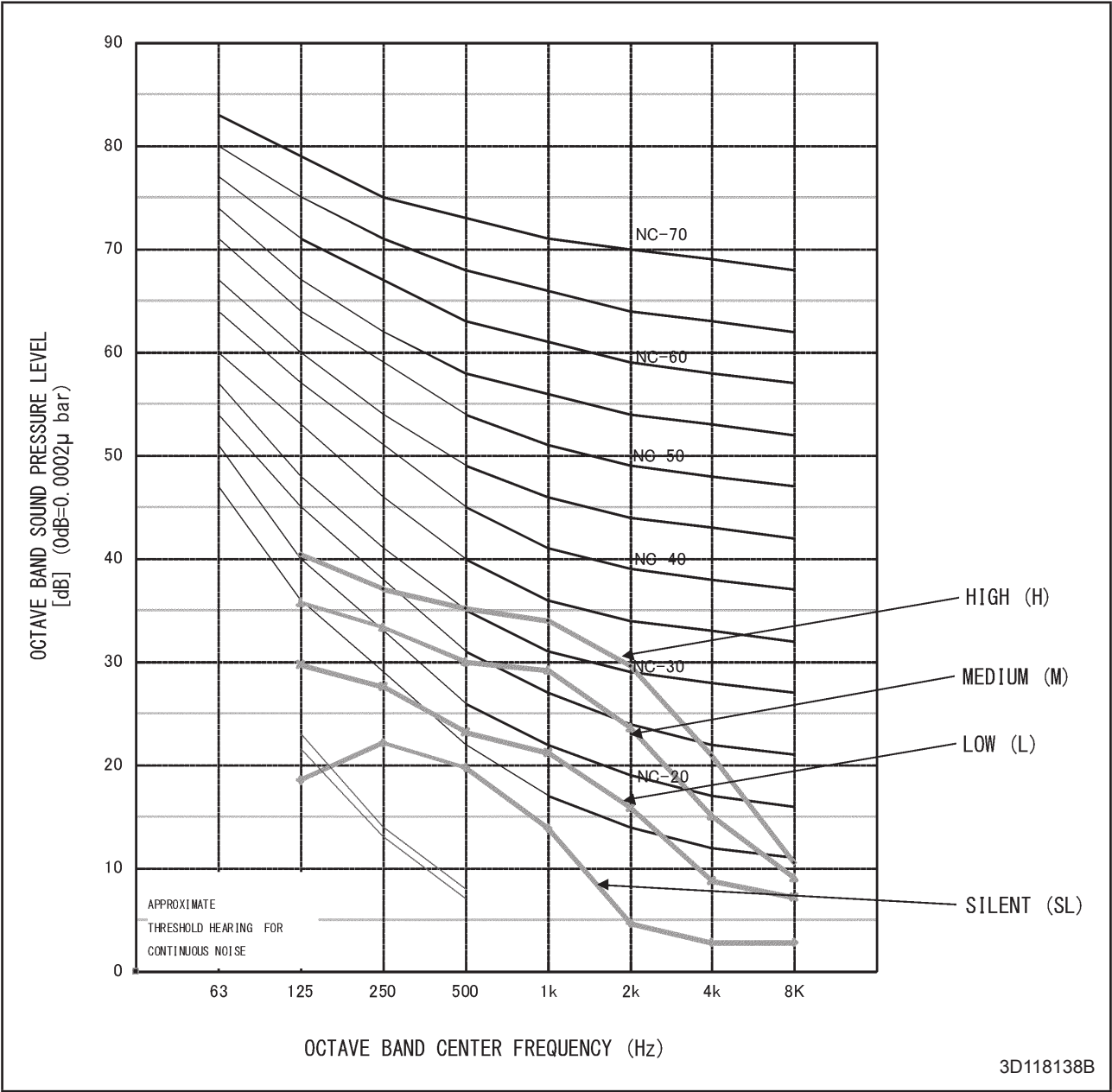
Notes:

- 1. Operation sound is measured in an anechoic chamber.
- 2. The operation noise measuring method is in accordance with **JISC9612**.

Sound Pressure Level

Model	Speed	1/1 Octave A-weighted Sound Pressure Level (dB, ref 20μPa)							Overall (dBA)	Noise Criteria
		125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz		
FTXC20C FTXC25C	High	40	37	35	34	30	21	10	38	33
	Med	36	33	30	29	24	15	9	33	28
ATXC20C ATXC25C	Low	30	28	23	21	16	9	7	26	19
	Silent	18	22	20	14	5	3	3	20	N/A

NC Curve

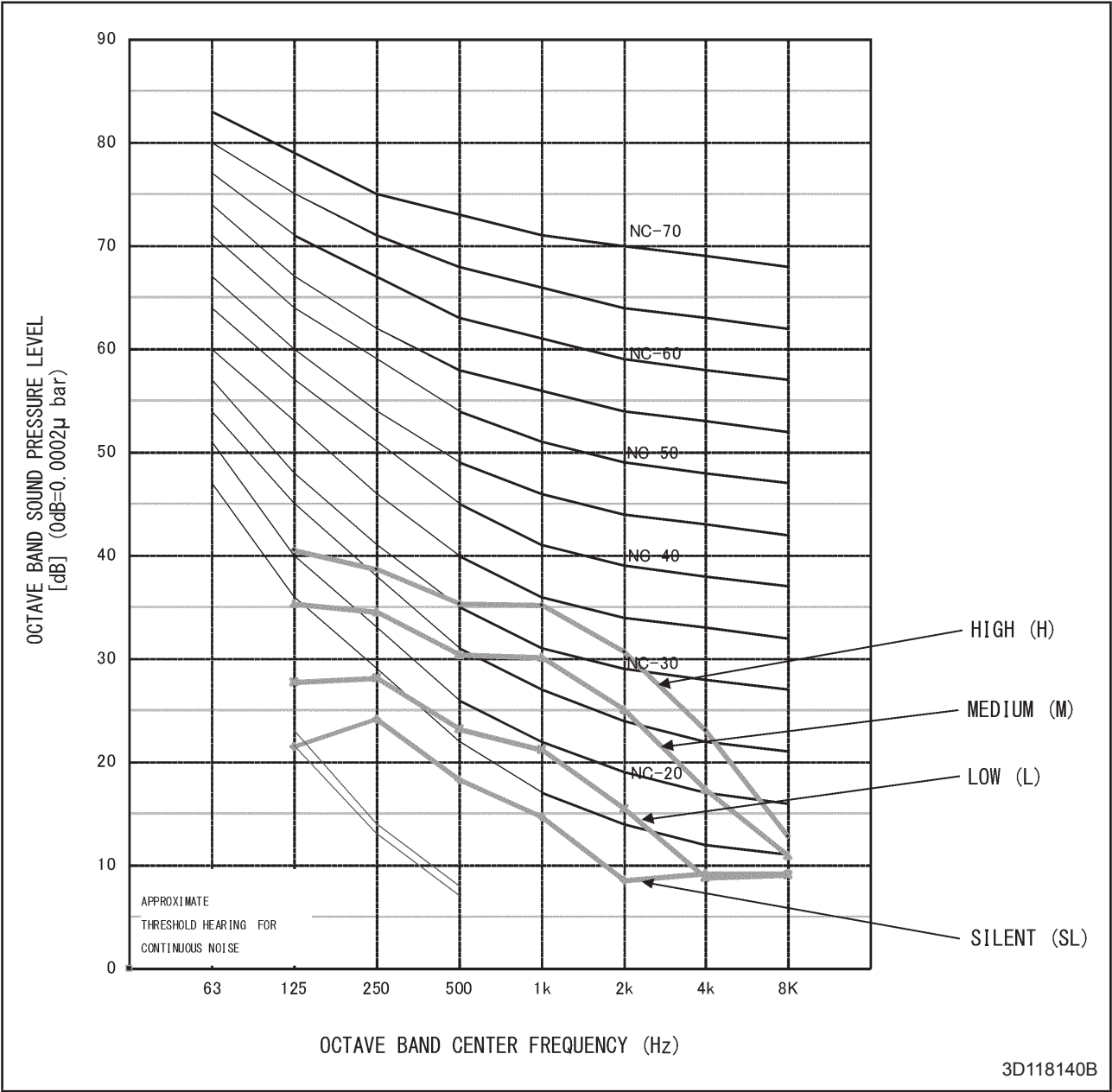


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Sound Pressure Level

Model	Speed	1/1 Octave A-weighted Sound Pressure Level (dB, ref 20μPa)							Overall (dBA)	Noise Criteria
		125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz		
FTXC35C ATXC35C	High	40	39	35	35	31	23	13	39	34
	Med	35	34	30	30	25	17	11	34	29
	Low	28	28	23	21	15	9	9	26	19
	Silent	21	24	18	15	9	9	9	21	N/A

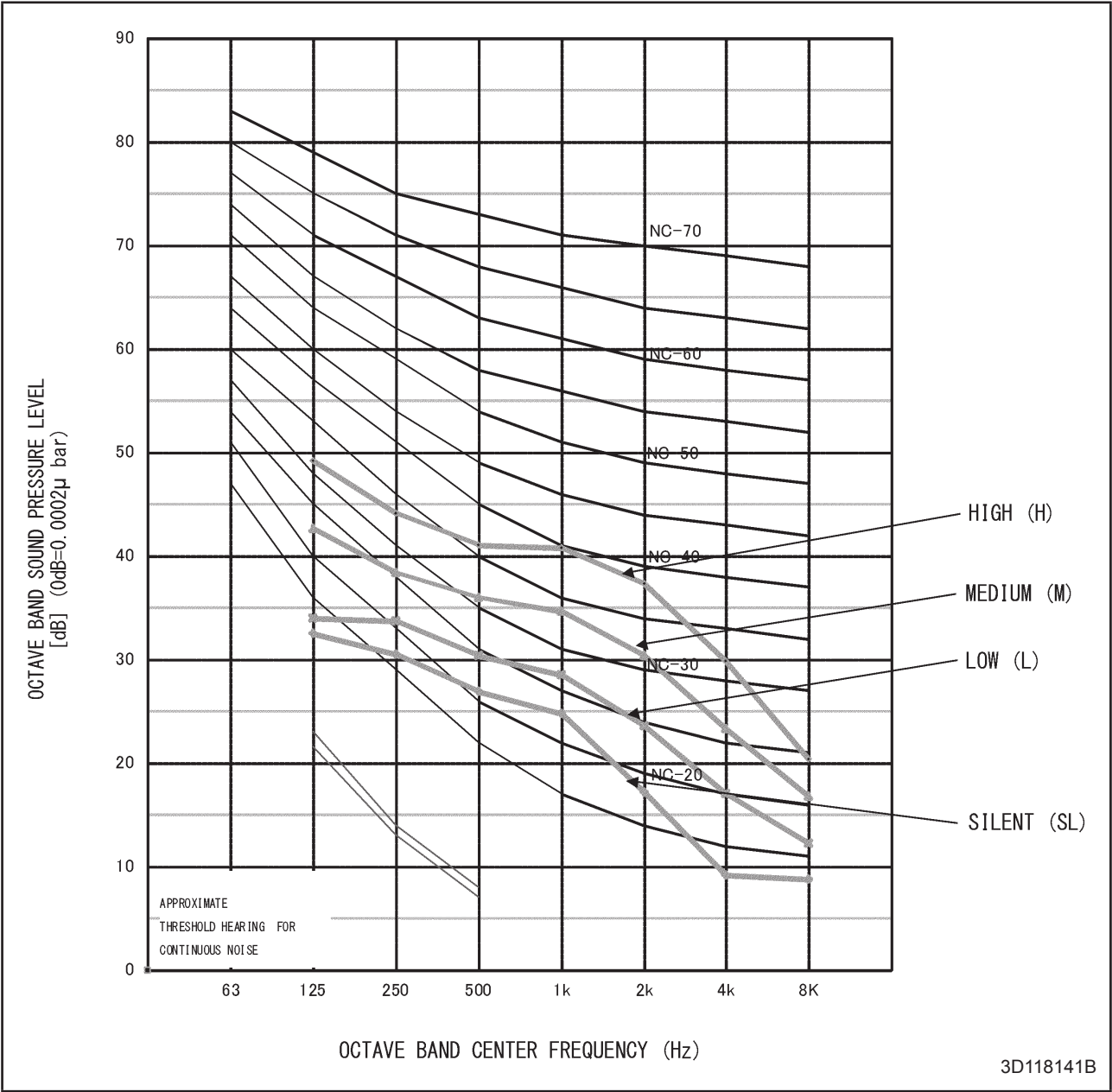
NC Curve



Sound Pressure Level

Model	Speed	1/1 Octave A-weighted Sound Pressure Level (dB, ref 20μPa)							Overall (dBA)	Noise Criteria
		125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz		
FTXC50C ATXC50C	High	49	44	41	41	37	30	20	45	40
	Med	43	38	36	35	30	23	17	39	34
	Low	34	34	30	28	23	17	12	33	28
	Silent	32	30	27	25	17	9	9	29	23

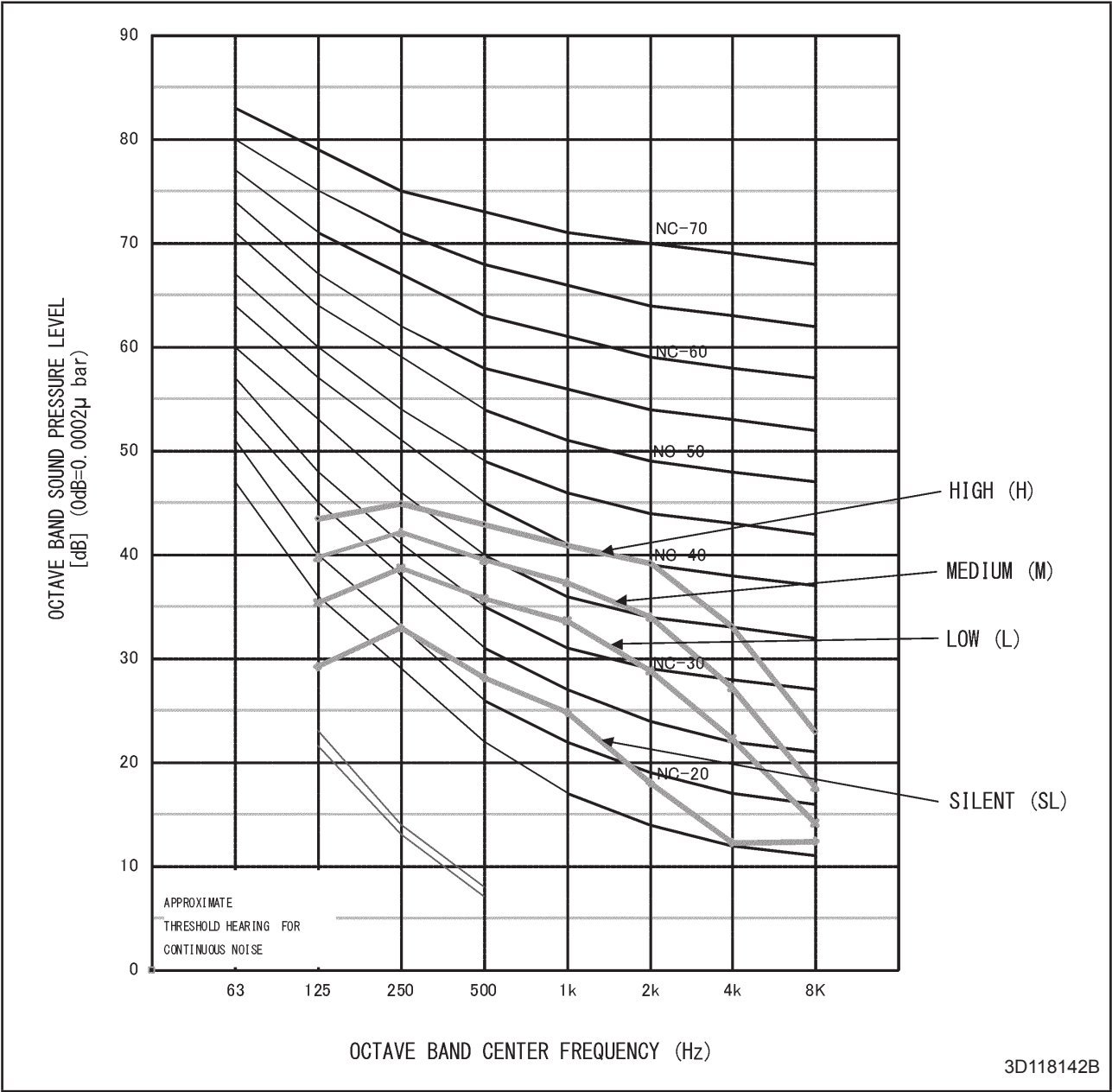
NC Curve



Sound Pressure Level

Model	Speed	1/1 Octave A-weighted Sound Pressure Level (dB, ref 20μPa)							Overall (dBA)	Noise Criteria
		125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz		
FTXC60C FTXC71C	High	43	45	43	41	39	33	23	46	40
	Med	40	42	39	37	34	27	18	42	36
ATXC60C ATXC71C	Low	35	39	36	33	29	22	14	38	33
	Silent	29	33	28	25	18	12	12	30	23

NC Curve



Electric Characteristic

Unit Combination		Power Supply							COMP	
Indoor Unit	Outdoor Unit	Hz	Volts	Voltage Range	MCA		MFA		Cooling	
					Cooling	Heating	Cooling	Heating	RHz	RLA
FTXC20C	RXC20C	50	220	Max. 50Hz 264V Min. 50Hz 198V	6.16	6.91	16	16	33	3.01
		50	230							
		50	240							
FTXC25C	RXC25C	50	220	Max. 50Hz 264V Min. 50Hz 198V	6.16	6.91	16	16	47	3.05
		50	230							
		50	240							
FTXC35C	RXC35C	50	220	Max. 50Hz 264V Min. 50Hz 198V	6.68	7.93	16	16	65	4.21
		50	230							
		50	240							
FTXC50C	RXC50C	50	220	Max. 50Hz 264V Min. 50Hz 198V	10.20	10.20	16	16	67	6.25
		50	230							
		50	240							
FTXC60C	RXC60C	50	220	Max. 50Hz 264V Min. 50Hz 198V	10.50	11.50	16	16	76	7.24
		50	230							
		50	240							
FTXC71C	RXC71C	50	220	Max. 50Hz 264V Min. 50Hz 198V	11.50	11.50	16	16	92	9.00
		50	230							
		50	240							

Unit Combination		COMP		OFM				IFM			
Indoor Unit	Outdoor Unit	Heating		Cooling		Heating		Cooling		Heating	
		RHz	RLA	kW	FLA	kW	FLA	kW	FLA	kW	FLA
FTXC20C	RXC20C	50	2.74	0.029	0.28	0.029	0.28	0.016	0.14	0.016	0.14
FTXC25C	RXC25C	55	3.03	0.029	0.28	0.029	0.28	0.016	0.14	0.016	0.14
FTXC35C	RXC35C	75	4.35	0.033	0.32	0.033	0.32	0.018	0.15	0.018	0.15
FTXC50C	RXC50C	65	5.98	0.046	0.38	0.063	0.49	0.024	0.19	0.024	0.19
FTXC60C	RXC60C	79	6.33	0.081	0.62	0.081	0.62	0.047	0.43	0.047	0.43
FTXC71C	RXC71C	95	9.40	0.084	0.97	0.084	0.97	0.047	0.43	0.047	0.43

Symbols:

MCA : Min. circuit amps (A)
 MFA : Max. fuse amps (A)
 RHz : Rated operating frequency (Hz)
 RLA : Rated loads amps (A)
 OFM : Outdoor fan motor
 IFM : Indoor fan motor
 kW : Fan motor rated output (kW)
 FLA : Full load amps (A)

Notes:

1. RLA is based on the following conditions.
Indoor temp. 27°C DB / 19°C WB.
Outdoor temp. 35°C DB.
2. Maximum allowable voltage variation between phases is 2%.
3. Select wire size based on the larger value of MCA.
4. Instead of fuse, use circuit breaker.
5. Be sure to install an earth leak detector.
(This unit uses an inverter, which means that an earth leak detector capable of handling high harmonics must be used in order to prevent malfunctioning of the earth leak detector.)

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Unit Combination		Power Supply							COMP	
Indoor Unit	Outdoor Unit	Hz	Volts	Voltage Range	MCA		MFA		Cooling	
					Cooling	Heating	Cooling	Heating	RHz	RLA
ATXC20C	ARXC20C	50	220	Max. 50Hz 264V Min. 50Hz 198V	6.16	6.91	16	16	33	3.04
		50	230							
		50	240							
ATXC25C	ARXC25C	50	220	Max. 50Hz 264V Min. 50Hz 198V	6.16	6.91	16	16	47	3.10
		50	230							
		50	240							
ATXC35C	ARXC35C	50	220	Max. 50Hz 264V Min. 50Hz 198V	6.68	7.93	16	16	65	4.28
		50	230							
		50	240							
ATXC50C	ARXC50C	50	220	Max. 50Hz 264V Min. 50Hz 198V	10.20	10.20	16	16	67	6.34
		50	230							
		50	240							
ATXC60C	ARXC60C	50	220	Max. 50Hz 264V Min. 50Hz 198V	10.50	11.50	16	16	76	7.35
		50	230							
		50	240							
ATXC71C	ARXC71C	50	220	Max. 50Hz 264V Min. 50Hz 198V	11.50	11.50	16	16	92	9.20
		50	230							
		50	240							

Unit Combination		COMP		OFM				IFM			
Indoor Unit	Outdoor Unit	Heating		Cooling		Heating		Cooling		Heating	
		RHz	RLA	kW	FLA	kW	FLA	kW	FLA	kW	FLA
ATXC20C	ARXC20C	50	2.74	0.029	0.28	0.029	0.28	0.016	0.14	0.016	0.14
ATXC25C	ARXC25C	55	3.05	0.029	0.28	0.029	0.28	0.016	0.14	0.016	0.14
ATXC35C	ARXC35C	75	4.38	0.033	0.32	0.033	0.32	0.018	0.15	0.018	0.15
ATXC50C	ARXC50C	65	5.98	0.046	0.38	0.063	0.49	0.024	0.19	0.024	0.19
ATXC60C	ARXC60C	79	6.53	0.081	0.62	0.081	0.62	0.047	0.43	0.047	0.43
ATXC71C	ARXC71C	95	9.50	0.084	0.97	0.084	0.97	0.047	0.43	0.047	0.43

Symbols:

MCA : Min. circuit amps (A)
 MFA : Max. fuse amps (A)
 RHz : Rated operating frequency (Hz)
 RLA : Rated loads amps (A)
 OFM : Outdoor fan motor
 IFM : Indoor fan motor
 kW : Fan motor rated output (kW)
 FLA : Full load amps (A)

Notes:

1. RLA is based on the following conditions.
Indoor temp. 27°CDB / 19°CWB.
Outdoor temp. 35°C DB.
2. Maximum allowable voltage variation between phases is 2%.
3. Select wire size based on the larger value of MCA.
4. Instead of fuse, use circuit breaker.
5. Be sure to install an earth leak detector.
(This unit uses an inverter, which means that an earth leak detector capable of handling high harmonics must be used in order to prevent malfunctioning of the earth leak detector.)

