

1. Heat Pump 60Hz <RHXYQ-AYL>

Model Name			RHXYQ8AYL	RHXYQ10AYL
Power Supply			3 phase, 380V, 60Hz	3 phase, 380V, 60Hz
★1 Cooling Capacity	kcal/h		19,300	24,100
	Btu/h		76,400	95,500
	kW		22.4	28.0
★2 Heating Capacity	kcal/h		21,500	27,100
	Btu/h		85,300	107,000
	kW		25.0	31.5
Casing Color			Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (H×W×D)		mm	1,657×930×765	1,657×930×765
Heat Exchanger			Cross Fin Coil	Cross Fin Coil
Comp.	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	16.90	24.37
	Number of Revolutions	r/min	7980	7650
	Motor Output× Number of Units	kW	4.5×1	5.7×1
	Starting Method		Soft Start	Soft Start
Fan	Type		Propeller Fan	Propeller Fan
	Motor Output	kW	0.75×1	0.75×1
	Airflow Rate	m³/min	162	175
	Drive		Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	mm	φ9.5 (Brazing Connection)	φ9.5 (Brazing Connection)
	Gas Pipe	mm	φ19.1 (Brazing Connection)	φ22.2 (Brazing Connection)
Mass		kg	184	191
★3 Sound pressure level		dB(A)	57	58
Safety Devices			High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method			Reverse cycle defrosting	Reverse cycle defrosting
Capacity Control		%	20~100	16~100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	5.0	6.0
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.			C: 4D083882A	C: 4D083883A

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
- ★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
- ★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- 4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae

kcal/h=kW×860
 Btu/h=kW×3412
 cfm=m³/min×35.3

Model Name			RHXYQ12AYL	RHXYQ14AYL
Power Supply			3 phase, 380V, 60Hz	3 phase, 380V, 60Hz
★1 Cooling Capacity	kcal/h		28,800	34,400
	Btu/h		114,000	136,000
	kW		33.5	40.0
★2 Heating Capacity	kcal/h		32,300	38,700
	Btu/h		128,000	154,000
	kW		37.5	45.0
Casing Color			Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (HxWxD)		mm	1,657×930×765	1,657×1,240×765
Heat Exchanger			Cross Fin Coil	Cross Fin Coil
Comp.	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	24.68	14.84+16.11
	Number of Revolutions	r/min	7746	(7008, 7608)
	Motor Output× Number of Units	kW	6.9×1	4.1×1+4.4×1
	Starting Method		Soft Start	Soft Start
Fan	Type		Propeller Fan	Propeller Fan
	Motor Output	kW	0.75×1	0.75×2
	Airflow Rate	m³/min	185	223
	Drive		Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	mm	φ12.7 (Brazing Connection)	φ12.7 (Brazing Connection)
	Gas Pipe	mm	φ25.4 (Brazing Connection)	φ25.4 (Brazing Connection)
Mass		kg	213	285
★3 Sound pressure level		dB(A)	60	60
Safety Devices			High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method			Reverse cycle defrosting	Reverse cycle defrosting
Capacity Control		%	15~100	10~100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	6.9	6.9
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.			C: 4D083884A	C: 4D083885A

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
- ★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
- ★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- 4. Refer to Capacity Tables for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae

$\text{kcal/h} = \text{kW} \times 860$
 $\text{Btu/h} = \text{kW} \times 3412$
 $\text{cfm} = \text{m}^3/\text{min} \times 35.3$

Model Name			RHXYQ16AYL	RHXYQ18AYL
Power Supply			3 phase, 380V, 60Hz	3 phase, 380V, 60Hz
★1 Cooling Capacity	kcal/h		38,700	43,000
	Btu/h		154,000	171,000
	kW		45.0	50.0
★2 Heating Capacity	kcal/h		43,000	48,200
	Btu/h		171,000	191,000
	kW		50.0	56.0
Casing Color			Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (H×W×D)		mm	1,657×1,240×765	1,657×1,240×765
Heat Exchanger			Cross Fin Coil	Cross Fin Coil
Comp.	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	16.27+17.54	17.47+22.46
	Number of Revolutions	r/min	(7680, 8280)	(8250, 7050)
	Motor Output× Number of Units	kW	4.6×1+5.0×1	4.9×1+5.8×1
	Starting Method		Soft Start	Soft Start
Fan	Type		Propeller Fan	Propeller Fan
	Motor Output	kW	0.75×2	0.75×2
	Airflow Rate	m³/min	260	251
	Drive		Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	mm	φ12.7 (Brazing Connection)	φ15.9 (Brazing Connection)
	Gas Pipe	mm	φ28.6 (Brazing Connection)	φ28.6 (Brazing Connection)
Mass		kg	285	317
★3 Sound pressure level		dB(A)	60	61
Safety Devices			High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method			Reverse cycle defrosting	Reverse cycle defrosting
Capacity Control		%	10~100	8~100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	6.9	8.6
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.			C: 4D083886A	C: 4D083887A

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
- ★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
- ★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- 4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae

$\text{kcal/h} = \text{kW} \times 860$
 $\text{Btu/h} = \text{kW} \times 3412$
 $\text{cfm} = \text{m}^3/\text{min} \times 35.3$

Model Name			RHXYQ20AYL	RHXYQ22AYL
Power Supply			3 phase, 380V, 60Hz	3 phase, 380V, 60Hz
★1 Cooling Capacity	kcal/h		48,200	52,900
	Btu/h		191,000	210,000
	kW		56.0	61.5
★2 Heating Capacity	kcal/h		54,200	59,300
	Btu/h		215,000	235,000
	kW		63.0	69.0
Casing Color			Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (H×W×D)		mm	1,657×1,240×765	1,657×1,240×765
Heat Exchanger			Cross Fin Coil	Cross Fin Coil
Comp.	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	17.47+25.42	17.47+25.42
	Number of Revolutions	r/min	(8250, 7980)	(8250, 7980)
	Motor Output× Number of Units	kW	5.0×1+7.4×1	5.0×1+7.4×1
	Starting Method		Soft Start	Soft Start
Fan	Type		Propeller Fan	Propeller Fan
	Motor Output	kW	0.75×2	0.75×2
	Airflow Rate	m³/min	261	271
	Drive		Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	mm	φ15.9 (Brazing Connection)	φ15.9 (Brazing Connection)
	Gas Pipe	mm	φ28.6 (Brazing Connection)	φ28.6 (Brazing Connection)
Mass		kg	317	317
★3 Sound pressure level		dB(A)	62	63
Safety Devices			High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method			Reverse cycle defrosting	Reverse cycle defrosting
Capacity Control		%	8~100	8~100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	8.6	8.6
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.			C: 4D083888A	C: 4D083889A

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
- ★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
- ★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- 4. Refer to Capacity Tables for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae

$\text{kcal/h} = \text{kW} \times 860$
 $\text{Btu/h} = \text{kW} \times 3412$
 $\text{cfm} = \text{m}^3/\text{min} \times 35.3$

Model		RHXYQ24AYL	RHXYQ26AYL
Combination Units		RHXYQ12AYL	RHXYQ10AYL
		RHXYQ12AYL	RHXYQ16AYL
Power Supply		3 phase, 380V, 60 Hz	3 phase, 380V, 60 Hz
★1 Cooling Capacity	kcal/h	57,600	62,800
	Btu/h	229,000	249,000
	kW	67.0	73.0
★2 Heating Capacity	kcal/h	64,500	70,100
	Btu/h	256,000	278,000
	kW	75.0	81.5
Casing Color		Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (H×W×D)	mm	(1,657×930×765)+(1,657×1,240×765)	(1,657×930×765)+(1,657×1,240×765)
Heat Exchanger		Cross Fin Coil	Cross Fin Coil
Comp.	Type	Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	(24.68)+(24.68)
	Number of Revolutions	r/min	(7746)+(7746)
	Motor Output× Number of Units	kW	(6.9×1)+(6.9×1)
	Starting Method	Soft Start	Soft Start
Fan	Type	Propeller Fan	Propeller Fan
	Motor Output	kW	(0.75×1)+(0.75×1)
	Airflow Rate	m³/min	185+185
	Drive	Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	mm	φ15.9 (Brazing Connection)
	Gas Pipe	mm	φ28.6 (Brazing Connection)
Mass	kg	213+213	191+285
★3 Sound pressure level	dB(A)	63	62
Safety Devices		High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method		Reverse cycle defrosting	Reverse cycle defrosting
Capacity Control	%	8~100	5~100
Refrigerant	Refrigerant Name	R410A	R410A
	Charge	kg	6.9+6.9
	Control	Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil		Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories		Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.			

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae

kcal/h=kW×860
Btu/h=kW×3412
cfm=m³/min×35.3

Model			RHXYQ28AYL	RHXYQ30AYL
Combination Units			RHXYQ12AYL	RHXYQ8AYL
			RHXYQ16AYL	RHXYQ22AYL
Power Supply			3 phase, 380V, 60 Hz	3 phase, 380V, 60 Hz
★1 Cooling Capacity	kcal/h		67,500	72,200
	Btu/h		268,000	286,000
	kW		78.5	83.9
★2 Heating Capacity	kcal/h		75,300	80,800
	Btu/h		299,000	321,000
	kW		87.5	94.0
Casing Color			Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×1,240×765)	(1,657×930×765)+(1,657×1,240×765)
Heat Exchanger			Cross Fin Coil	Cross Fin Coil
Comp.	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	(24.68)+(16.27+17.54)	(16.90)+(17.47+25.42)
	Number of Revolutions	r/min	(7746)+(7680, 8280)	(7980)+(8250, 7980)
	Motor Output× Number of Units	kW	(6.9×1)+(4.6+5.0)×1	(4.5×1)+(5.0+7.4)×1
	Starting Method		Soft Start	Soft Start
Fan	Type		Propeller Fan	Propeller Fan
	Motor Output	kW	(0.75×1)+(0.75×2)	(0.75×1)+(0.75×2)
	Airflow Rate	m³/min	185+260	162+271
	Drive		Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	mm	φ19.1 (Brazing Connection)	φ19.1 (Brazing Connection)
	Gas Pipe	mm	φ31.8 (Brazing Connection)	φ31.8 (Brazing Connection)
Mass		kg	213+285	184+317
★3 Sound pressure level		dB(A)	63	64
Safety Devices			High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method			Reverse cycle defrosting	Reverse cycle defrosting
Capacity Control		%	5~100	5~100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	6.9+6.9	5.0+8.6
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.				

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae

kcal/h=kW×860
Btu/h=kW×3412
cfm=m³/min×35.3

Model		RHXYQ32AYL	RHXYQ34AYL
Combination Units		RHXYQ10AYL	RHXYQ12AYL
		RHXYQ22AYL	RHXYQ22AYL
Power Supply		3 phase, 380V, 60 Hz	3 phase, 380V, 60 Hz
★1 Cooling Capacity	kcal/h	77,000	81,700
	Btu/h	305,000	324,000
	kW	89.5	95.0
★2 Heating Capacity	kcal/h	86,900	92,000
	Btu/h	345,000	365,000
	kW	101	107
Casing Color		Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (H×W×D)	mm	(1,657×930×765)+(1,657×1,240×765)	(1,657×930×765)+(1,657×1,240×765)
Heat Exchanger		Cross Fin Coil	Cross Fin Coil
Comp.	Type	Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	(24.68)+(17.47+25.42)
	Number of Revolutions	r/min	(7746)+(8250, 7980)
	Motor Output× Number of Units	kW	(6.9×1)+(5.0+7.4)×1
	Starting Method	Soft Start	Soft Start
Fan	Type	Propeller Fan	Propeller Fan
	Motor Output	kW	(0.75×1)+(0.75×2)
	Airflow Rate	m³/min	185+271
	Drive	Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	mm	φ19.1 (Brazing Connection)
	Gas Pipe	mm	φ31.8 (Brazing Connection)
Mass	kg	213+317	285+317
★3 Sound pressure level	dB(A)	64	65
Safety Devices		High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method		Reverse cycle defrosting	Reverse cycle defrosting
Capacity Control	%	5~100	5~100
Refrigerant	Refrigerant Name	R410A	R410A
	Charge	kg	6.9+8.6
	Control	Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil		Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories		Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.			

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae

kcal/h=kW×860
Btu/h=kW×3412
cfm=m³/min×35.3

Model		RHXYQ36AYL	RHXYQ38AYL
Combination Units		RHXYQ14AYL	RHXYQ16AYL
		RHXYQ22AYL	RHXYQ22AYL
Power Supply		3 phase, 380V, 60 Hz	3 phase, 380V, 60 Hz
★1 Cooling Capacity	kcal/h	86,900	91,200
	Btu/h	345,000	362,000
	kW	101	106
★2 Heating Capacity	kcal/h	98,000	102,000
	Btu/h	389,000	406,000
	kW	114	119
Casing Color		Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (H×W×D)	mm	(1,657×1,240×765)+(1,657×1,240×765)	(1,657×1,240×765)+(1,657×1,240×765)
Heat Exchanger		Cross Fin Coil	Cross Fin Coil
Comp.	Type	Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	(14.84+16.11)+(17.47+25.42)
	Number of Revolutions	r/min	(7008, 7608)+(8250, 7980)
	Motor Outputx Number of Units	kW	((4.1+4.4)×1)+((5.0+7.4)×1)
	Starting Method	Soft Start	Soft Start
Fan	Type	Propeller Fan	Propeller Fan
	Motor Output	kW	(0.75×2)+(0.75×2)
	Airflow Rate	m³/min	223+271
	Drive	Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	mm	φ19.1 (Brazing Connection)
	Gas Pipe	mm	φ38.1 (Brazing Connection)
Mass	kg	285+317	285+317
★3 Sound pressure level	dB(A)	65	65
Safety Devices		High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method		Reverse cycle defrosting	Reverse cycle defrosting
Capacity Control	%	4~100	4~100
Refrigerant	Refrigerant Name	R410A	R410A
	Charge	kg	6.9+8.6
	Control	Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil		Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories		Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.			

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae
kcal/h=kW×860
Btu/h=kW×3412
cfm=m³/min×35.3

Model		RHXYQ40AYL	RHXYQ42AYL
Combination Units		RHXYQ18AYL	RHXYQ20AYL
		RHXYQ22AYL	RHXYQ22AYL
Power Supply		3 phase, 380V, 60 Hz	3 phase, 380V, 60 Hz
★1 Cooling Capacity	kcal/h	95,500	101,000
	Btu/h	379,000	399,000
	kW	111	117
★2 Heating Capacity	kcal/h	108,000	114,000
	Btu/h	427,000	450,000
	kW	125	132
Casing Color		Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (H×W×D)	mm	(1,657×1,240×765)+(1,657×1,240×765)	(1,657×1,240×765)+(1,657×1,240×765)
Heat Exchanger		Cross Fin Coil	Cross Fin Coil
Comp.	Type	Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m ³ /h	(17.47+22.46)+(17.47+25.42)
	Number of Revolutions	r/min	(8250, 7050)+(8250, 7980)
	Motor Output× Number of Units	kW	((4.9+5.8)×1)+((5.0+7.4)×1)
	Starting Method	Soft Start	Soft Start
Fan	Type	Propeller Fan	Propeller Fan
	Motor Output	kW	(0.75×2)+(0.75×2)
	Airflow Rate	m ³ /min	251+271
	Drive	Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	mm	φ19.1 (Brazing Connection)
	Gas Pipe	mm	φ38.1 (Brazing Connection)
Mass	kg	317+317	317+317
★3 Sound pressure level	dB(A)	65	66
Safety Devices		High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method		Reverse cycle defrosting	Reverse cycle defrosting
Capacity Control	%	4~100	4~100
Refrigerant	Refrigerant Name	R410A	R410A
	Charge	kg	8.6+8.6
	Control	Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil		Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories		Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.			

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae

kcal/h=kW×860
Btu/h=kW×3412
cfm=m³/min×35.3

Model		RHXYQ44AYL		RHXYQ46AYL	
Combination Units		RHXYQ22AYL		RHXYQ8AYL	
		RHXYQ22AYL		RHXYQ16AYL	
		—		RHXYQ22AYL	
Power Supply		3 phase, 380V, 60 Hz		3 phase, 380V, 60 Hz	
★1 Cooling Capacity	kcal/h	106,000		111,000	
	Btu/h	420,000		440,000	
	kW	123		129	
★2 Heating Capacity	kcal/h	119,000		124,000	
	Btu/h	471,000		491,000	
	kW	138		144	
Casing Color		Ivory White (5Y7.5/1)		Ivory White (5Y7.5/1)	
Dimensions: (H×W×D)		mm (1,657×1,240×765)+(1,657×1,240×765)		(1,657×930×765)+(1,657×1,240×765)+(1,657×1,240×765)	
Heat Exchanger		Cross Fin Coil		Cross Fin Coil	
Comp.	Type	Hermetically Sealed Scroll Type		Hermetically Sealed Scroll Type	
	Displacement	m ³ /h	(17.47+25.42)+(17.47+25.42)	(16.90)+(16.27+17.54)+(17.47+25.42)	
	Number of Revolutions	r/min	(8250, 7980)+(8250, 7980)	(7980)+(7680, 8280)+(8250, 7980)	
	Motor Output× Number of Units	kW	((5.0+7.4)×1)+((5.0+7.4)×1)	(4.5×1)+((4.6+5.0)×1)+((5.0+7.4)×1)	
	Starting Method	Soft Start		Soft Start	
Fan	Type	Propeller Fan		Propeller Fan	
	Motor Output	kW	(0.75×2)+(0.75×2)	(0.75×1)+(0.75×2)+(0.75×2)	
	Airflow Rate	m ³ /min	271+271	162+260+271	
	Drive	Direct Drive		Direct Drive	
Connecting Pipes	Liquid Pipe	mm	φ19.1 (Brazeing Connection)	φ19.1 (Brazeing Connection)	
	Gas Pipe	mm	φ38.1 (Brazeing Connection)	φ38.1 (Brazeing Connection)	
Mass	kg	317+317		184+285+317	
★3 Sound pressure level	dB(A)	66		66	
Safety Devices		High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector		High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	
Defrost Method		Reverse cycle defrosting		Reverse cycle defrosting	
Capacity Control	%	4~100		3~100	
Refrigerant	Refrigerant Name	R410A		R410A	
	Charge	kg	8.6+8.6	5.0+6.9+8.6	
	Control	Electronic Expansion Valve		Electronic Expansion Valve	
Refrigerator Oil		Refer to the nameplate of compressor		Refer to the nameplate of compressor	
Standard Accessories		Installation Manual, Operation Manual, Connection Pipes, Clamps		Installation Manual, Operation Manual, Connection Pipes, Clamps	
Drawing No.					

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae	
kcal/h=kW×860	
Btu/h=kW×3412	
cfm=m ³ /min×35.3	

Model			RHXYQ48AYL	RHXYQ50AYL
Combination Units			RHXYQ10AYL	RHXYQ12AYL
			RHXYQ16AYL	RHXYQ16AYL
			RHXYQ22AYL	RHXYQ22AYL
Power Supply			3 phase, 380V, 60 Hz	3 phase, 380V, 60 Hz
★1 Cooling Capacity	kcal/h		115,000	120,000
	Btu/h		457,000	478,000
	kW		134	140
★2 Heating Capacity	kcal/h		130,000	135,000
	Btu/h		515,000	536,000
	kW		151	157
Casing Color			Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×1,240×765)+(1,657×1,240×765)	(1,657×930×765)+(1,657×1,240×765)+(1,657×1,240×765)
Heat Exchanger			Cross Fin Coil	Cross Fin Coil
Comp.	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	(24.37)+(16.27+17.54)+(17.47+25.42)	(24.68)+(16.27+17.54)+(17.47+25.42)
	Number of Revolutions	r/min	(7650)+(7680, 8280)+(8250, 7980)	(7746)+(7680, 8280)+(8250, 7980)
	Motor Output× Number of Units	kW	(5.7×1)+((4.6+5.0)×1)+((5.0+7.4)×1)	(6.9×1)+((4.6+5.0)×1)+((5.0+7.4)×1)
	Starting Method		Soft Start	Soft Start
Fan	Type		Propeller Fan	Propeller Fan
	Motor Output	kW	(0.75×1)+(0.75×2)+(0.75×2)	(0.75×1)+(0.75×2)+(0.75×2)
	Airflow Rate	m³/min	175+260+271	185+260+271
	Drive		Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	mm	φ19.1 (Brazing Connection)	φ19.1 (Brazing Connection)
	Gas Pipe	mm	φ38.1 (Brazing Connection)	φ38.1 (Brazing Connection)
Mass		kg	191+285+317	213+285+317
★3 Sound pressure level		dB(A)	66	66
Safety Devices			High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method			Reverse cycle defrosting	Reverse cycle defrosting
Capacity Control		%	3~100	3~100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	6.0+6.9+8.6	6.9+6.9+8.6
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.				

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae

kcal/h=kW×860
Btu/h=kW×3412
cfm=m³/min×35.3

Model			RHXYQ52AYL	RHXYQ54AYL
Combination Units			RHXYQ10AYL	RHXYQ10AYL
			RHXYQ20AYL	RHXYQ22AYL
			RHXYQ22AYL	RHXYQ22AYL
Power Supply			3 phase, 380V, 60 Hz	3 phase, 380V, 60 Hz
★1 Cooling Capacity	kcal/h		125,000	130,000
	Btu/h		495,000	515,000
	kW		145	151
★2 Heating Capacity	kcal/h		141,000	146,000
	Btu/h		560,000	580,000
	kW		164	170
Casing Color			Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (HxWxD)		mm	(1,657×930×765)+(1,657×1,240×765)+(1,657×1,240×765)	(1,657×930×765)+(1,657×1,240×765)+(1,657×1,240×765)
Heat Exchanger			Cross Fin Coil	Cross Fin Coil
Comp.	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	(24.37)+(17.47+25.42)+(17.47+25.42)	(24.37)+(17.47+25.42)+(17.47+25.42)
	Number of Revolutions	r/min	(7650)+(8250, 7980)+(8250, 7980)	(7650)+(8250, 7980)+(8250, 7980)
	Motor Outputx Number of Units	kW	(5.7×1)+((5.0+7.4)×1)+((5.0+7.4)×1)	(5.7×1)+((5.0+7.4)×1)+((5.0+7.4)×1)
	Starting Method		Soft Start	Soft Start
Fan	Type		Propeller Fan	Propeller Fan
	Motor Output	kW	(0.75×1)+(0.75×2)+(0.75×2)	(0.75×1)+(0.75×2)+(0.75×2)
	Airflow Rate	m³/min	175+261+271	175+271+271
	Drive		Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	mm	φ19.1 (Brazing Connection)	φ19.1 (Brazing Connection)
	Gas Pipe	mm	φ38.1 (Brazing Connection)	φ38.1 (Brazing Connection)
Mass		kg	191+317+317	191+317+317
★3 Sound pressure level		dB(A)	66	67
Safety Devices			High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method			Reverse cycle defrosting	Reverse cycle defrosting
Capacity Control		%	3~100	3~100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	6.0+8.6+8.6	6.0+8.6+8.6
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.				

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
- ★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
- ★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- 4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae

kcal/h=kW×860
Btu/h=kW×3412
cfm=m³/min×35.3

Model		RHXYQ56AYL		RHXYQ58AYL	
Combination Units		RHXYQ12AYL		RHXYQ14AYL	
		RHXYQ22AYL		RHXYQ22AYL	
		RHXYQ22AYL		RHXYQ22AYL	
Power Supply		3 phase, 380V, 60 Hz		3 phase, 380V, 60 Hz	
★1 Cooling Capacity	kcal/h	134,000		140,000	
	Btu/h	532,000		556,000	
	kW	156		163	
★2 Heating Capacity	kcal/h	151,000		157,000	
	Btu/h	601,000		625,000	
	kW	176		183	
Casing Color		Ivory White (5Y7.5/1)		Ivory White (5Y7.5/1)	
Dimensions: (H×W×D)		mm (1,657×930×765)+(1,657×1,240×765)+(1,657×1,240×765)		(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)	
Heat Exchanger		Cross Fin Coil		Cross Fin Coil	
Comp.	Type	Hermetically Sealed Scroll Type		Hermetically Sealed Scroll Type	
	Displacement	m³/h	(24.68)+(17.47+25.42)+(17.47+25.42)	(14.84+16.11)+(17.47+25.42)+(17.47+25.42)	
	Number of Revolutions	r/min	(7746)+(8250, 7980)+(8250, 7980)	(7008, 7608)+(8250, 7980)+(8250, 7980)	
	Motor Output× Number of Units	kW	(6.9×1)+(5.0+7.4)×1+(5.0+7.4)×1	((4.1+4.4)×1)+((5.0+7.4)×1)+((5.0+7.4)×1)	
	Starting Method	Soft Start		Soft Start	
Fan	Type	Propeller Fan		Propeller Fan	
	Motor Output	kW	(0.75×1)+(0.75×2)+(0.75×2)	(0.75×2)+(0.75×2)+(0.75×2)	
	Airflow Rate	m³/min	185+271+271	223+271+271	
	Drive	Direct Drive		Direct Drive	
Connecting Pipes	Liquid Pipe	mm	φ19.1 (Brazing Connection)	φ19.1 (Brazing Connection)	
	Gas Pipe	mm	φ41.3 (Brazing Connection)	φ41.3 (Brazing Connection)	
Mass	kg	213+317+317		285+317+317	
★3 Sound pressure level	dB(A)	67		67	
Safety Devices		High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector		High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	
Defrost Method		Reverse cycle defrosting		Reverse cycle defrosting	
Capacity Control	%	3~100		3~100	
Refrigerant	Refrigerant Name	R410A		R410A	
	Charge	kg	6.9+8.6+8.6	6.9+8.6+8.6	
	Control	Electronic Expansion Valve		Electronic Expansion Valve	
Refrigerator Oil		Refer to the nameplate of compressor		Refer to the nameplate of compressor	
Standard Accessories		Installation Manual, Operation Manual, Connection Pipes, Clamps		Installation Manual, Operation Manual, Connection Pipes, Clamps	
Drawing No.					

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
- ★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
- ★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- 4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae
kcal/h=kW×860
Btu/h=kW×3412
cfm=m³/min×35.3

Model		RHXYQ60AYL		RHXYQ62AYL	
Combination Units		RHXYQ16AYL		RHXYQ18AYL	
		RHXYQ22AYL		RHXYQ22AYL	
		RHXYQ22AYL		RHXYQ22AYL	
Power Supply		3 phase, 380V, 60 Hz		3 phase, 380V, 60 Hz	
★1 Cooling Capacity	kcal/h	144,000		149,000	
	Btu/h	573,000		590,000	
	kW	168		173	
★2 Heating Capacity	kcal/h	162,000		167,000	
	Btu/h	642,000		662,000	
	kW	188		194	
Casing Color		Ivory White (5Y7.5/1)		Ivory White (5Y7.5/1)	
Dimensions: (HxWxD)		mm	(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)	(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)	
Heat Exchanger		Cross Fin Coil		Cross Fin Coil	
Comp.	Type	Hermetically Sealed Scroll Type		Hermetically Sealed Scroll Type	
	Displacement	m³/h	(16.27+17.54)+(17.47+25.42)+(17.47+25.42)	(17.47+22.46)+(17.47+25.42)+(17.47+25.42)	
	Number of Revolutions	r/min	(7680, 8280)+(8250, 7980)+(8250, 7980)	(8250, 7050)+(8250, 7980)+(8250, 7980)	
	Motor Outputx Number of Units	kW	((4.6+5.0)×1)+((5.0+7.4)×1)+((5.0+7.4)×1)	((4.9+5.8)×1)+((5.0+7.4)×1)+((5.0+7.4)×1)	
	Starting Method	Soft Start		Soft Start	
Fan	Type	Propeller Fan		Propeller Fan	
	Motor Output	kW	(0.75×2)+(0.75×2)+(0.75×2)	(0.75×2)+(0.75×2)+(0.75×2)	
	Airflow Rate	m³/min	260+271+271	251+271+271	
	Drive	Direct Drive		Direct Drive	
Connecting Pipes	Liquid Pipe	mm	φ19.1 (Brazing Connection)	φ19.1 (Brazing Connection)	
	Gas Pipe	mm	φ41.3 (Brazing Connection)	φ41.3 (Brazing Connection)	
Mass		kg	285+317+317	317+317+317	
★3 Sound pressure level		dB(A)	67	67	
Safety Devices		High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector		High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	
Defrost Method		Reverse cycle defrosting		Reverse cycle defrosting	
Capacity Control		%	3~100	3~100	
Refrigerant	Refrigerant Name		R410A	R410A	
	Charge	kg	6.9+8.6+8.6	8.6+8.6+8.6	
	Control		Electronic Expansion Valve	Electronic Expansion Valve	
Refrigerator Oil		Refer to the nameplate of compressor		Refer to the nameplate of compressor	
Standard Accessories		Installation Manual, Operation Manual, Connection Pipes, Clamps		Installation Manual, Operation Manual, Connection Pipes, Clamps	
Drawing No.					

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae

kcal/h=kW×860
Btu/h=kW×3412
cfm=m³/min×35.3

Model		RHXYQ64AYL		RHXYQ66AYL	
Combination Units		RHXYQ20AYL		RHXYQ22AYL	
		RHXYQ22AYL		RHXYQ22AYL	
		RHXYQ22AYL		RHXYQ22AYL	
Power Supply		3 phase, 380V, 60 Hz		3 phase, 380V, 60 Hz	
★1 Cooling Capacity	kcal/h	154,000		158,000	
	Btu/h	611,000		628,000	
	kW	179		184	
★2 Heating Capacity	kcal/h	173,000		178,000	
	Btu/h	686,000		706,000	
	kW	201		207	
Casing Color		Ivory White (5Y7.5/1)		Ivory White (5Y7.5/1)	
Dimensions: (HxWxD)		mm	(1,657x1,240x765)+(1,657x1,240x765)+(1,657x1,240x765)	(1,657x1,240x765)+(1,657x1,240x765)+(1,657x1,240x765)	
Heat Exchanger		Cross Fin Coil		Cross Fin Coil	
Comp.	Type	Hermetically Sealed Scroll Type		Hermetically Sealed Scroll Type	
	Displacement	m³/h	(17.47+25.42)+(17.47+25.42)+(17.47+25.42)	(17.47+25.42)+(17.47+25.42)+(17.47+25.42)	
	Number of Revolutions	r/min	(8250, 7980)+(8250, 7980)+(8250, 7980)	(8250, 7980)+(8250, 7980)+(8250, 7980)	
	Motor Outputx Number of Units	kW	((5.0+7.4)x1)+((5.0+7.4)x1)+((5.0+7.4)x1)	((5.0+7.4)x1)+((5.0+7.4)x1)+((5.0+7.4)x1)	
	Starting Method	Soft Start		Soft Start	
Fan	Type	Propeller Fan		Propeller Fan	
	Motor Output	kW	(0.75x2)+(0.75x2)+(0.75x2)	(0.75x2)+(0.75x2)+(0.75x2)	
	Airflow Rate	m³/min	261+271+271	271+271+271	
	Drive	Direct Drive		Direct Drive	
Connecting Pipes	Liquid Pipe	mm	φ19.1 (Brazing Connection)	φ19.1 (Brazing Connection)	
	Gas Pipe	mm	φ41.3 (Brazing Connection)	φ41.3 (Brazing Connection)	
Mass		kg	317+317+317	317+317+317	
★3 Sound pressure level		dB(A)	68	68	
Safety Devices		High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector		High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	
Defrost Method		Reverse cycle defrosting		Reverse cycle defrosting	
Capacity Control		%	3~100	3~100	
Refrigerant	Refrigerant Name		R410A	R410A	
	Charge	kg	8.6+8.6+8.6	8.6+8.6+8.6	
	Control		Electronic Expansion Valve	Electronic Expansion Valve	
Refrigerator Oil		Refer to the nameplate of compressor		Refer to the nameplate of compressor	
Standard Accessories		Installation Manual, Operation Manual, Connection Pipes, Clamps		Installation Manual, Operation Manual, Connection Pipes, Clamps	
Drawing No.					

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
- ★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
- ★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- 4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae
kcal/h=kWx860
Btu/h=kWx3412
cfm=m³/minx35.3

2. Heat Pump 60Hz <RHXYQ-ATL>

Model Name			RHXYQ8ATL	RHXYQ10ATL
Power Supply			3 phase, 220V, 60Hz	3 phase, 220V, 60Hz
★1 Cooling Capacity		kcal/h	19,300	24,100
		Btu/h	76,400	95,500
		kW	22.4	28.0
★2 Heating Capacity		kcal/h	21,500	27,100
		Btu/h	85,300	107,000
		kW	25.0	31.5
Casing Color			Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (H×W×D)		mm	1,657×930×765	1,657×930×765
Heat Exchanger			Cross Fin Coil	Cross Fin Coil
Comp.	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	16.90	24.37
	Number of Revolutions	r/min	7980	7650
	Motor Output× Number of Units	kW	4.5×1	5.7×1
	Starting Method		Soft Start	Soft Start
Fan	Type		Propeller Fan	Propeller Fan
	Motor Output	kW	0.75×1	0.75×1
	Airflow Rate	m³/min	162	175
	Drive		Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	mm	φ9.5 (Brazing Connection)	φ9.5 (Brazing Connection)
	Gas Pipe	mm	φ19.1 (Brazing Connection)	φ22.2 (Brazing Connection)
Mass		kg	184	191
★3 Sound pressure level		dB(A)	57	58
Safety Devices			High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method			Reverse cycle defrosting	Reverse cycle defrosting
Capacity Control		%	20~100	16~100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	5.0	6.0
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.			C: 4D083882A	C: 4D083883A

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to Capacity Tables for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae

kcal/h=kWx860
Btu/h=kWx3412
cfm=m³/minx35.3

Model Name			RHXYQ12ATL	RHXYQ14ATL
Power Supply			3 phase, 220V, 60Hz	3 phase, 220V, 60Hz
★1 Cooling Capacity	kcal/h		28,800	34,400
	Btu/h		114,000	136,000
	kW		33.5	40.0
★2 Heating Capacity	kcal/h		32,300	38,700
	Btu/h		128,000	154,000
	kW		37.5	45.0
Casing Color			Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (H×W×D)		mm	1,657×930×765	1,657×1,240×765
Heat Exchanger			Cross Fin Coil	Cross Fin Coil
Comp.	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	24.68	14.84+16.11
	Number of Revolutions	r/min	7746	(7008, 7608)
	Motor Output× Number of Units	kW	6.9×1	4.1×1+4.4×1
	Starting Method		Soft Start	Soft Start
Fan	Type		Propeller Fan	Propeller Fan
	Motor Output	kW	0.75×1	0.75×2
	Airflow Rate	m³/min	185	223
	Drive		Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	mm	φ12.7 (Brazing Connection)	φ12.7 (Brazing Connection)
	Gas Pipe	mm	φ25.4 (Brazing Connection)	φ25.4 (Brazing Connection)
Mass		kg	213	285
★3 Sound pressure level		dB(A)	60	60
Safety Devices			High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method			Reverse cycle defrosting	Reverse cycle defrosting
Capacity Control		%	15~100	10~100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	6.9	6.9
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.			C: 4D083884A	C: 4D083885A

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
- ★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
- ★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- 4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae

$\text{kcal/h} = \text{kW} \times 860$
 $\text{Btu/h} = \text{kW} \times 3412$
 $\text{cfm} = \text{m}^3/\text{min} \times 35.3$

Model Name			RHXYQ16ATL	RHXYQ18ATL
Power Supply			3 phase, 220V, 60Hz	3 phase, 220V, 60Hz
★1 Cooling Capacity	kcal/h		38,700	43,000
	Btu/h		154,000	171,000
	kW		45.0	50.0
★2 Heating Capacity	kcal/h		43,000	48,200
	Btu/h		171,000	191,000
	kW		50.0	56.0
Casing Color			Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (HxWxD)		mm	1,657×1,240×765	1,657×1,240×765
Heat Exchanger			Cross Fin Coil	Cross Fin Coil
Comp.	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	16.27+17.54	17.47+22.46
	Number of Revolutions	r/min	(7680, 8280)	(8250, 7050)
	Motor Outputx Number of Units	kW	4.6×1+5.0×1	4.9×1+5.8×1
	Starting Method		Soft Start	Soft Start
Fan	Type		Propeller Fan	Propeller Fan
	Motor Output	kW	0.75×2	0.75×2
	Airflow Rate	m³/min	260	251
	Drive		Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	mm	φ12.7 (Brazing Connection)	φ15.9 (Brazing Connection)
	Gas Pipe	mm	φ28.6 (Brazing Connection)	φ28.6 (Brazing Connection)
Mass		kg	285	317
★3 Sound pressure level		dB(A)	60	61
Safety Devices			High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method			Reverse cycle defrosting	Reverse cycle defrosting
Capacity Control		%	10~100	8~100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	6.9	8.6
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.			C: 4D083886A	C: 4D083887A

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
- ★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
- ★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- 4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae

$\text{kcal/h} = \text{kW} \times 860$
 $\text{Btu/h} = \text{kW} \times 3412$
 $\text{cfm} = \text{m}^3/\text{min} \times 35.3$

Model Name			RHXYQ20ATL	RHXYQ22ATL
Power Supply			3 phase, 220V, 60Hz	3 phase, 220V, 60Hz
★1 Cooling Capacity	kcal/h		48,200	50,700
	Btu/h		191,000	201,000
	kW		56.0	59.0
★2 Heating Capacity	kcal/h		54,200	59,300
	Btu/h		215,000	235,000
	kW		63.0	69.0
Casing Color			Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (H×W×D)		mm	1,657×1,240×765	1,657×1,240×765
Heat Exchanger			Cross Fin Coil	Cross Fin Coil
Comp.	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	17.47+25.42	17.47+25.42
	Number of Revolutions	r/min	(8250, 7980)	(8250, 7980)
	Motor Output× Number of Units	kW	5.0×1+7.4×1	5.0×1+7.4×1
	Starting Method		Soft Start	Soft Start
Fan	Type		Propeller Fan	Propeller Fan
	Motor Output	kW	0.75×2	0.75×2
	Airflow Rate	m³/min	261	271
	Drive		Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	mm	φ15.9 (Brazing Connection)	φ15.9 (Brazing Connection)
	Gas Pipe	mm	φ28.6 (Brazing Connection)	φ28.6 (Brazing Connection)
Mass		kg	317	317
★3 Sound pressure level		dB(A)	62	63
Safety Devices			High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method			Reverse cycle defrosting	Reverse cycle defrosting
Capacity Control		%	8~100	8~100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	8.6	8.6
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.			C: 4D083888A	C: 4D083889A

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
- ★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
- ★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- 4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae

$\text{kcal/h} = \text{kW} \times 860$
 $\text{Btu/h} = \text{kW} \times 3412$
 $\text{cfm} = \text{m}^3/\text{min} \times 35.3$

Model			RHXYQ24ATL	RHXYQ26ATL
Combination Units			RHXYQ12ATL	RHXYQ10ATL
			RHXYQ12ATL	RHXYQ16ATL
Power Supply			3 phase, 220V, 60 Hz	3 phase, 220V, 60 Hz
★1 Cooling Capacity	kcal/h		57,600	62,800
	Btu/h		229,000	249,000
	kW		67.0	73.0
★2 Heating Capacity	kcal/h		64,500	70,100
	Btu/h		256,000	278,000
	kW		75.0	81.5
Casing Color			Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×1,240×765)	(1,657×930×765)+(1,657×1,240×765)
Heat Exchanger			Cross Fin Coil	Cross Fin Coil
Comp.	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	(24.68)+(24.68)	(24.37)+(16.27+17.54)
	Number of Revolutions	r/min	(7746)+(7746)	(7650)+(7680, 8280)
	Motor Output× Number of Units	kW	(6.9×1)+(6.9×1)	(5.7×1)+((4.6+5.0)×1)
	Starting Method		Soft Start	Soft Start
Fan	Type		Propeller Fan	Propeller Fan
	Motor Output	kW	(0.75×1)+(0.75×1)	(4.5×1)+(0.75×2)
	Airflow Rate	m³/min	185+185	175+260
	Drive		Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	mm	φ15.9 (Brazing Connection)	φ19.1 (Brazing Connection)
	Gas Pipe	mm	φ28.6 (Brazing Connection)	φ31.8 (Brazing Connection)
Mass		kg	213+213	191+285
★3 Sound pressure level		dB(A)	63	62
Safety Devices			High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method			Reverse cycle defrosting	Reverse cycle defrosting
Capacity Control		%	8~100	5~100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	6.9+6.9	6.0+6.9
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.				

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
- ★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
- ★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- 4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae

$\text{kcal/h} = \text{kW} \times 860$
 $\text{Btu/h} = \text{kW} \times 3412$
 $\text{cfm} = \text{m}^3/\text{min} \times 35.3$

Model			RHXYQ28ATL	RHXYQ30ATL
Combination Units			RHXYQ12ATL	RHXYQ8ATL
			RHXYQ16ATL	RHXYQ22ATL
Power Supply			3 phase, 220V, 60 Hz	3 phase, 220V, 60 Hz
★1 Cooling Capacity	kcal/h		67,500	70,000
	Btu/h		268,000	278,000
	kW		78.5	81.4
★2 Heating Capacity	kcal/h		75,300	80,800
	Btu/h		299,000	321,000
	kW		87.5	94.0
Casing Color			Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (H×W×D)			mm (1,657×930×765)+(1,657×1,240×765)	mm (1,657×930×765)+(1,657×1,240×765)
Heat Exchanger			Cross Fin Coil	Cross Fin Coil
Comp.	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	(24.68)+(16.27+17.54)	(16.90)+(17.47+25.42)
	Number of Revolutions	r/min	(7746)+(7680, 8280)	(7980)+(8250, 7980)
	Motor Output× Number of Units	kW	(6.9×1)+(4.6+5.0)×1	(4.5×1)+(5.0+7.4)×1
	Starting Method		Soft Start	Soft Start
Fan	Type		Propeller Fan	Propeller Fan
	Motor Output	kW	(0.75×1)+(0.75×2)	(0.75×1)+(0.75×2)
	Airflow Rate	m³/min	185+260	162+271
	Drive		Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	mm	φ19.1 (Brazing Connection)	φ19.1 (Brazing Connection)
	Gas Pipe	mm	φ31.8 (Brazing Connection)	φ31.8 (Brazing Connection)
Mass	kg		213+285	184+317
★3 Sound pressure level	dB(A)		63	64
Safety Devices			High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method			Reverse cycle defrosting	Reverse cycle defrosting
Capacity Control	%		5~100	5~100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	6.9+6.9	5.0+8.6
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.				

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
- ★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
- ★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- 4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae

$\text{kcal/h} = \text{kW} \times 860$
 $\text{Btu/h} = \text{kW} \times 3412$
 $\text{cfm} = \text{m}^3/\text{min} \times 35.3$

Model			RHXYQ32ATL	RHXYQ34ATL
Combination Units			RHXYQ10ATL	RHXYQ12ATL
			RHXYQ22ATL	RHXYQ22ATL
Power Supply			3 phase, 220V, 60 Hz	3 phase, 220V, 60 Hz
★1 Cooling Capacity	kcal/h		74,800	79,600
	Btu/h		297,000	316,000
	kW		87.0	92.5
★2 Heating Capacity	kcal/h		86,900	92,000
	Btu/h		345,000	365,000
	kW		101	107
Casing Color			Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×1,240×765)	(1,657×930×765)+(1,657×1,240×765)
Heat Exchanger			Cross Fin Coil	Cross Fin Coil
Comp.	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	(24.68)+(17.47+25.42)	(14.84+16.11)+(17.47+25.42)
	Number of Revolutions	r/min	(7746)+(8250, 7980)	(7008, 7608)+(8250, 7980)
	Motor Output× Number of Units	kW	(6.9×1)+((5.0+7.4)×1)	((4.1+4.4)×1)+((5.0+7.4)×1)
	Starting Method		Soft Start	Soft Start
Fan	Type		Propeller Fan	Propeller Fan
	Motor Output	kW	(0.75×1)+(0.75×2)	(0.75×2)+(0.75×2)
	Airflow Rate	m³/min	185+271	233+271
	Drive		Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	mm	φ19.1 (Brazing Connection)	φ19.1 (Brazing Connection)
	Gas Pipe	mm	φ31.8 (Brazing Connection)	φ31.8 (Brazing Connection)
Mass	kg		213+317	285+317
★3 Sound pressure level	dB(A)		64	65
Safety Devices			High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method			Reverse cycle defrosting	Reverse cycle defrosting
Capacity Control	%		5~100	5~100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	6.9+8.6	6.9+8.6
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.				

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
- ★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
- ★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- 4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae

$\text{kcal/h} = \text{kW} \times 860$
 $\text{Btu/h} = \text{kW} \times 3412$
 $\text{cfm} = \text{m}^3/\text{min} \times 35.3$

Model			RHXYQ36ATL	RHXYQ38ATL
Combination Units			RHXYQ14ATL	RHXYQ16ATL
			RHXYQ22ATL	RHXYQ22ATL
Power Supply			3 phase, 220V, 60 Hz	3 phase, 220V, 60 Hz
★1 Cooling Capacity	kcal/h		85,100	89,400
	Btu/h		338,000	355,000
	kW		99.0	104
★2 Heating Capacity	kcal/h		98,000	102,000
	Btu/h		389,000	406,000
	kW		114	119
Casing Color			Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×1,240×765)+(1,657×1,240×765)	(1,657×1,240×765)+(1,657×1,240×765)
Heat Exchanger			Cross Fin Coil	Cross Fin Coil
Comp.	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	(14.84+16.11)+(17.47+25.42)	(16.27+17.54)+(17.47+25.42)
	Number of Revolutions	r/min	(7008, 7608)+(8250, 7980)	(7680, 8280)+(8250, 7980)
	Motor Output× Number of Units	kW	((4.1+4.4)×1)+((5.0+7.4)×1)	((4.6+5.0)×1)+((5.0+7.4)×1)
	Starting Method		Soft Start	Soft Start
Fan	Type		Propeller Fan	Propeller Fan
	Motor Output	kW	(0.75×2)+(0.75×2)	(0.75×2)+(0.75×2)
	Airflow Rate	m³/min	223+271	260+271
	Drive		Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	mm	φ19.1 (Brazing Connection)	φ19.1 (Brazing Connection)
	Gas Pipe	mm	φ38.1 (Brazing Connection)	φ38.1 (Brazing Connection)
Mass		kg	285+317	285+317
★3 Sound pressure level		dB(A)	65	65
Safety Devices			High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method			Reverse cycle defrosting	Reverse cycle defrosting
Capacity Control		%	4~100	4~100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	6.9+8.6	6.9+8.6
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.				

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
- ★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
- ★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- 4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae

$\text{kcal/h} = \text{kW} \times 860$
 $\text{Btu/h} = \text{kW} \times 3412$
 $\text{cfm} = \text{m}^3/\text{min} \times 35.3$

Model			RHXYQ40ATL	RHXYQ42ATL
Combination Units			RHXYQ18ATL	RHXYQ20ATL
			RHXYQ22ATL	RHXYQ22ATL
Power Supply			3 phase, 220V, 60 Hz	3 phase, 220V, 60 Hz
★1 Cooling Capacity		kcal/h	93,700	98,900
		Btu/h	372,000	392,000
		kW	109	115
★2 Heating Capacity		kcal/h	108,000	114,000
		Btu/h	427,000	450,000
		kW	125	132
Casing Color			Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×1,240×765)+(1,657×1,240×765)	(1,657×1,240×765)+(1,657×1,240×765)
Heat Exchanger			Cross Fin Coil	Cross Fin Coil
Comp.	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	(17.47+22.46)+(17.47+25.42)	(17.47+25.42)+(17.47+25.42)
	Number of Revolutions	r/min	(8250, 7050)+(8250, 7980)	(8250, 7980)+(8250, 7980)
	Motor Output× Number of Units	kW	((4.9+5.8)×1)+((5.0+7.4)×1)	((5.0+7.4)×1)+((5.0+7.4)×1)
	Starting Method		Soft Start	Soft Start
Fan	Type		Propeller Fan	Propeller Fan
	Motor Output	kW	(0.75×2)+(0.75×2)	(0.75×2)+(0.75×2)
	Airflow Rate	m³/min	251+271	261+271
	Drive		Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	mm	φ19.1 (Brazing Connection)	φ19.1 (Brazing Connection)
	Gas Pipe	mm	φ38.1 (Brazing Connection)	φ38.1 (Brazing Connection)
Mass		kg	317+317	317+317
★3 Sound pressure level		dB(A)	65	66
Safety Devices			High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method			Reverse cycle defrosting	Reverse cycle defrosting
Capacity Control		%	4~100	4~100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	8.6+8.6	8.6+8.6
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.				

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
- ★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
- ★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- 4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae
kcal/h=kW×860
Btu/h=kW×3412
cfm=m³/min×35.3

Model		RHXYQ44ATL	RHXYQ46ATL
Combination Units		RHXYQ22ATL	RHXYQ8ATL
		RHXYQ22ATL	RHXYQ16ATL
		—	RHXYQ22ATL
Power Supply		3 phase, 220V, 60 Hz	3 phase, 220V, 60 Hz
★1 Cooling Capacity	kcal/h	101,000	108,000
	Btu/h	403,000	430,000
	kW	118	126
★2 Heating Capacity	kcal/h	119,000	124,000
	Btu/h	471,000	491,000
	kW	138	144
Casing Color		Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (H×W×D)	mm	(1,657×1,240×765)+(1,657×1,240×765)	(1,657×930×765)+(1,657×1,240×765)+(1,657×1,240×765)
Heat Exchanger		Cross Fin Coil	Cross Fin Coil
Comp.	Type	Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	(17.47+25.42)+(17.47+25.42)
	Number of Revolutions	r/min	(8250, 7980)+(8250, 7980)
	Motor Output× Number of Units	kW	((5.0+7.4)×1)+((5.0+7.4)×1)
	Starting Method	Soft Start	Soft Start
Fan	Type	Propeller Fan	Propeller Fan
	Motor Output	kW	(0.75×2)+(0.75×2)
	Airflow Rate	m³/min	271+271
	Drive	Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	mm	φ19.1 (Brazeing Connection)
	Gas Pipe	mm	φ38.1 (Brazeing Connection)
Mass	kg	317+317	184+285+317
★3 Sound pressure level	dB(A)	66	66
Safety Devices		High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method		Reverse cycle defrosting	Reverse cycle defrosting
Capacity Control	%	4~100	3~100
Refrigerant	Refrigerant Name	R410A	R410A
	Charge	kg	8.6+8.6
	Control	Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil		Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories		Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.			

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae
kcal/h=kW×860
Btu/h=kW×3412
cfm=m³/min×35.3

Model		RHHYQ48ATL	RHHYQ50ATL
Combination Units		RHHYQ10ATL	RHHYQ12ATL
		RHHYQ16ATL	RHHYQ16ATL
		RHHYQ22ATL	RHHYQ22ATL
Power Supply		3 phase, 220V, 60 Hz	3 phase, 220V, 60 Hz
★1 Cooling Capacity	kcal/h	114,000	118,000
	Btu/h	450,000	467,000
	kW	132	137
★2 Heating Capacity	kcal/h	130,000	135,000
	Btu/h	515,000	536,000
	kW	151	157
Casing Color		Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (HxWxD)	mm	(1,657×930×765)+(1,657×1,240×765)+(1,657×1,240×765)	(1,657×930×765)+(1,657×1,240×765)+(1,657×1,240×765)
Heat Exchanger		Cross Fin Coil	Cross Fin Coil
Comp.	Type	Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	(24.37)+(16.27+17.54)+(17.47+25.42)
	Number of Revolutions	r/min	(7650)+(7680, 8280)+(8250, 7980)
	Motor Output× Number of Units	kW	(5.7×1)+((4.6+5.0)×1)+((5.0+7.4)×1)
	Starting Method	Soft Start	Soft Start
Fan	Type	Propeller Fan	Propeller Fan
	Motor Output	kW	(0.75×1)+(0.75×2)+(0.75×2)
	Airflow Rate	m³/min	175+260+271
	Drive	Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	mm	φ19.1 (Brazing Connection)
	Gas Pipe	mm	φ38.1 (Brazing Connection)
Mass	kg	191+285+317	213+285+317
★3 Sound pressure level	dB(A)	66	66
Safety Devices		High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method		Reverse cycle defrosting	Reverse cycle defrosting
Capacity Control	%	3~100	3~100
Refrigerant	Refrigerant Name	R410A	R410A
	Charge	kg	6.0+6.9+8.6
	Control	Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil		Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories		Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.			

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae
kcal/h=kW×860
Btu/h=kW×3412
cfm=m³/min×35.3

Model		RHXYQ52ATL		RHXYQ54ATL	
Combination Units		RHXYQ10ATL		RHXYQ10ATL	
		RHXYQ20ATL		RHXYQ22ATL	
		RHXYQ22ATL		RHXYQ22ATL	
Power Supply		3 phase, 220V, 60 Hz		3 phase, 220V, 60 Hz	
★1 Cooling Capacity	kcal/h	123,000		126,000	
	Btu/h	488,000		498,000	
	kW	143		146	
★2 Heating Capacity	kcal/h	141,000		146,000	
	Btu/h	560,000		580,000	
	kW	164		170	
Casing Color		Ivory White (5Y7.5/1)		Ivory White (5Y7.5/1)	
Dimensions: (HxWxD)	mm	(1,657×930×765)+(1,657×1,240×765)+(1,657×1,240×765)		(1,657×930×765)+(1,657×1,240×765)+(1,657×1,240×765)	
Heat Exchanger		Cross Fin Coil		Cross Fin Coil	
Comp.	Type	Hermetically Sealed Scroll Type		Hermetically Sealed Scroll Type	
	Displacement	m³/h	(24.37)+(17.47+25.42)+(17.47+25.42)	(24.37)+(17.47+25.42)+(17.47+25.42)	
	Number of Revolutions	r/min	(7650)+(8250, 7980)+(8250, 7980)	(7650)+(8250, 7980)+(8250, 7980)	
	Motor Outputx Number of Units	kW	(5.7×1)+((5.0+7.4)×1)+((5.0+7.4)×1)	(5.7×1)+((5.0+7.4)×1)+((5.0+7.4)×1)	
	Starting Method	Soft Start		Soft Start	
Fan	Type	Propeller Fan		Propeller Fan	
	Motor Output	kW	(0.75×1)+(0.75×2)+(0.75×2)	(0.75×1)+(0.75×2)+(0.75×2)	
	Airflow Rate	m³/min	175+261+271	175+271+271	
	Drive	Direct Drive		Direct Drive	
Connecting Pipes	Liquid Pipe	mm	φ19.1 (Brazing Connection)	φ19.1 (Brazing Connection)	
	Gas Pipe	mm	φ38.1 (Brazing Connection)	φ38.1 (Brazing Connection)	
Mass	kg	191+317+317		191+317+317	
★3 Sound pressure level	dB(A)	66		67	
Safety Devices		High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector		High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	
Defrost Method		Reverse cycle defrosting		Reverse cycle defrosting	
Capacity Control	%	3~100		3~100	
Refrigerant	Refrigerant Name		R410A	R410A	
	Charge	kg	6.0+8.6+8.6	6.0+8.6+8.6	
	Control		Electronic Expansion Valve	Electronic Expansion Valve	
Refrigerator Oil		Refer to the nameplate of compressor		Refer to the nameplate of compressor	
Standard Accessories		Installation Manual, Operation Manual, Connection Pipes, Clamps		Installation Manual, Operation Manual, Connection Pipes, Clamps	
Drawing No.					

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
- ★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
- ★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- 4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae

kcal/h=kW×860
Btu/h=kW×3412
cfm=m³/min×35.3

Model			RHXYQ56ATL		RHXYQ58ATL	
Combination Units			RHXYQ12ATL		RHXYQ14ATL	
			RHXYQ22ATL		RHXYQ22ATL	
			RHXYQ22ATL		RHXYQ22ATL	
Power Supply			3 phase, 220V, 60 Hz		3 phase, 220V, 60 Hz	
★1 Cooling Capacity	kcal/h		130,000		136,000	
	Btu/h		515,000		539,000	
	kW		151		158	
★2 Heating Capacity	kcal/h		151,000		157,000	
	Btu/h		601,000		625,000	
	kW		176		183	
Casing Color			Ivory White (5Y7.5/1)		Ivory White (5Y7.5/1)	
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×1,240×765)+(1,657×1,240×765)		(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)	
Heat Exchanger			Cross Fin Coil		Cross Fin Coil	
Comp.	Type		Hermetically Sealed Scroll Type		Hermetically Sealed Scroll Type	
	Displacement	m³/h	(24.68)+(17.47+25.42)+(17.47+25.42)		(14.84+16.11)+(17.47+25.42)+(17.47+25.42)	
	Number of Revolutions	r/min	(7746)+(8250, 7980)+(8250, 7980)		(7008, 7608)+(8250, 7980)+(8250, 7980)	
	Motor Output× Number of Units	kW	(6.9×1)+((5.0+7.4)×1)+((5.0+7.4)×1)		((4.1+4.4)×1)+((5.0+7.4)×1)+((5.0+7.4)×1)	
	Starting Method		Soft Start		Soft Start	
Fan	Type		Propeller Fan		Propeller Fan	
	Motor Output	kW	(0.75×1)+(0.75×2)+(0.75×2)		(0.75×2)+(0.75×2)+(0.75×2)	
	Airflow Rate	m³/min	185+271+271		223+271+271	
	Drive		Direct Drive		Direct Drive	
Connecting Pipes	Liquid Pipe	mm	φ19.1 (Brazing Connection)		φ19.1 (Brazing Connection)	
	Gas Pipe	mm	φ41.3 (Brazing Connection)		φ41.3 (Brazing Connection)	
Mass		kg	213+317+317		285+317+317	
★3 Sound pressure level		dB(A)	67		67	
Safety Devices			High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector		High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	
Defrost Method			Reverse cycle defrosting		Reverse cycle defrosting	
Capacity Control		%	3~100		3~100	
Refrigerant	Refrigerant Name		R410A		R410A	
	Charge	kg	6.9+8.6+8.6		6.9+8.6+8.6	
	Control		Electronic Expansion Valve		Electronic Expansion Valve	
Refrigerator Oil			Refer to the nameplate of compressor		Refer to the nameplate of compressor	
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps		Installation Manual, Operation Manual, Connection Pipes, Clamps	
Drawing No.						

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
 ★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
 ★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
 During actual operation, these values are normally somewhat higher as a result of ambient conditions.
 4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae

kcal/h=kW×860
 Btu/h=kW×3412
 cfm=m³/min×35.3

Model			RHXYQ60ATL	RHXYQ62ATL
Combination Units			RHXYQ16ATL	RHXYQ18ATL
			RHXYQ22ATL	RHXYQ22ATL
			RHXYQ22ATL	RHXYQ22ATL
Power Supply			3 phase, 220V, 60 Hz	3 phase, 220V, 60 Hz
★1 Cooling Capacity	kcal/h		140,000	144,000
	Btu/h		556,000	573,000
	kW		163	168
★2 Heating Capacity	kcal/h		162,000	167,000
	Btu/h		642,000	662,000
	kW		188	194
Casing Color			Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (HxWxD)		mm	(1,657x1,240x765)+(1,657x1,240x765)+(1,657x1,240x765)	(1,657x1,240x765)+(1,657x1,240x765)+(1,657x1,240x765)
Heat Exchanger			Cross Fin Coil	Cross Fin Coil
Comp.	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	(16.27+17.54)+(17.47+25.42)+(17.47+25.42)	(17.47+22.46)+(17.47+25.42)+(17.47+25.42)
	Number of Revolutions	r/min	(7680, 8280)+(8250, 7980)+(8250, 7980)	(8250, 7050)+(8250, 7980)+(8250, 7980)
	Motor Outputx Number of Units	kW	((4.6+5.0)x1)+((5.0+7.4)x1)+((5.0+7.4)x1)	((4.9+5.8)x1)+((5.0+7.4)x1)+((5.0+7.4)x1)
	Starting Method		Soft Start	Soft Start
Fan	Type		Propeller Fan	Propeller Fan
	Motor Output	kW	(0.75x2)+(0.75x2)+(0.75x2)	(0.75x2)+(0.75x2)+(0.75x2)
	Airflow Rate	m³/min	260+271+271	251+271+271
	Drive		Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	mm	φ19.1 (Brazing Connection)	φ19.1 (Brazing Connection)
	Gas Pipe	mm	φ41.3 (Brazing Connection)	φ41.3 (Brazing Connection)
Mass		kg	285+317+317	317+317+317
★3 Sound pressure level		dB(A)	67	67
Safety Devices			High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method			Reverse cycle defrosting	Reverse cycle defrosting
Capacity Control		%	3~100	3~100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	6.9+8.6+8.6	8.6+8.6+8.6
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.				

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae	
kcal/h=kWx860	
Btu/h=kWx3412	
cfm=m³/minx35.3	

Model		RHXYQ64ATL	RHXYQ66ATL
Combination Units		RHXYQ20ATL	RHXYQ22ATL
		RHXYQ22ATL	RHXYQ22ATL
		RHXYQ22ATL	RHXYQ22ATL
Power Supply		3 phase, 220V, 60 Hz	3 phase, 220V, 60 Hz
★1 Cooling Capacity	kcal/h	150,000	152,000
	Btu/h	594,000	604,000
	kW	174	177
★2 Heating Capacity	kcal/h	173,000	178,000
	Btu/h	686,000	706,000
	kW	201	207
Casing Color		Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (HxWxD)	mm	(1,657x1,240x765)+(1,657x1,240x765)+(1,657x1,240x765)	(1,657x1,240x765)+(1,657x1,240x765)+(1,657x1,240x765)
Heat Exchanger		Cross Fin Coil	Cross Fin Coil
Comp.	Type	Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m³/h	(17.47+25.42)+(17.47+25.42)+(17.47+25.42)
	Number of Revolutions	r/min	(8250, 7980)+(8250, 7980)+(8250, 7980)
	Motor Outputx Number of Units	kW	((5.0+7.4)x1)+((5.0+7.4)x1)+((5.0+7.4)x1)
	Starting Method	Soft Start	Soft Start
Fan	Type	Propeller Fan	Propeller Fan
	Motor Output	kW	(0.75x2)+(0.75x2)+(0.75x2)
	Airflow Rate	m³/min	261+271+271
	Drive	Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	mm	φ19.1 (Brazing Connection)
	Gas Pipe	mm	φ41.3 (Brazing Connection)
Mass	kg	317+317+317	317+317+317
★3 Sound pressure level	dB(A)	68	68
Safety Devices		High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector
Defrost Method		Reverse cycle defrosting	Reverse cycle defrosting
Capacity Control	%	3~100	3~100
Refrigerant	Refrigerant Name	R410A	R410A
	Charge	kg	8.6+8.6+8.6
	Control	Electronic Expansion Valve	Electronic Expansion Valve
Refrigerator Oil		Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories		Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.			

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5m, level difference: 0m.
★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

Conversion Formulae
kcal/h=kWx860
Btu/h=kWx3412
cfm=m³/minx35.3