LG TOTAL HVAC SOLUTION PROVIDER

ENGINEERING PRODUCT DATA BOOK

Single Package

Heat Pump

R410A(50Hz/60Hz)

0CUK0-02A(Replaces 0CUK0-01D)

LG
Life's Good

P/No. : MFL67452919

Single Package

Heat Pump

General Information

Product Data

Single Package
Heat Pump

General Information

1. Model Line Up
2. Nomenclature
3. Feature & Lenefits

1. Model Line Up

Power Supply (V, Ø, Hz)	Model Name		
	7.5RT	**10RT**	**15RT**
380-415, 3, 50/60	AK-W090LH00	AK-W120LH00	AK-W180LH00

Power Supply (V, Ø, Hz)	Model Name	
	20RT	**25RT**
380-415, 3, 50/60	AK-W240LC00 AK-W240LH00	AK-W300LC00 AK-W300LH00

2. Nomenclature

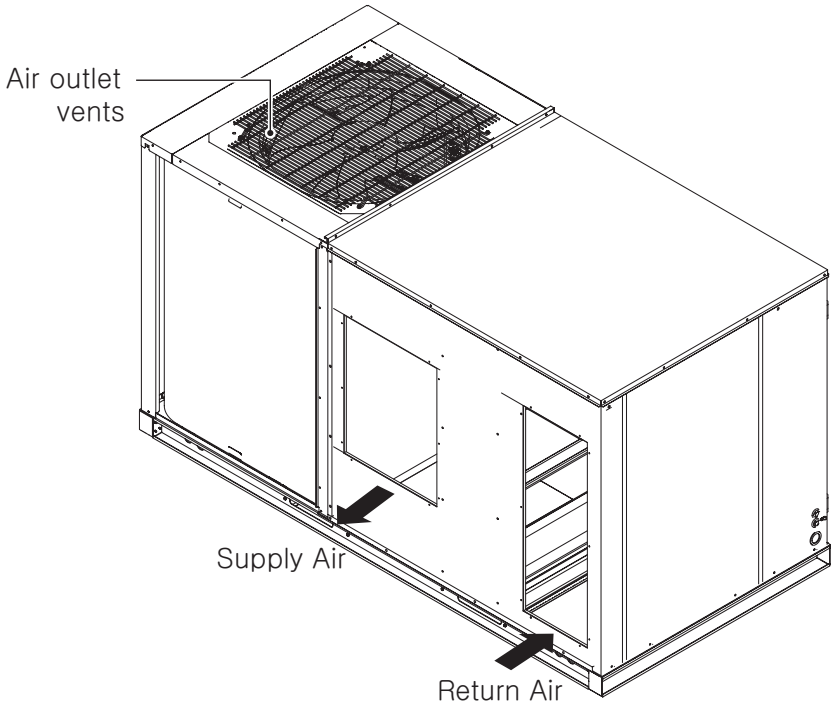
Model Name	AK	W	300	L	C	0	0
No.	1	2	3	4	5	6	7

No.	Signification
1	**Type of Air Conditioner** AK : LG Single Package Air Conditioner, R410A
2	**Model type** W : Inverter Heat Pump
3	**Cooling capacity grade** 090 : 7.5RT 120 : 10RT 150 : 12.5RT 180 : 15RT 240 : 20RT 300 : 25RT
4	**Electric standard (Volts, Phase, Freq.)** D:460V, 3Ø, 60Hz B:220-240V, 3Ø, 50/60Hz L:380-415V, 3Ø, 50/60Hz
5	**Type of Flow** H : Horizontal, C : Convertible
6	**SEER Grade** 7.5~25RT : There is no SEER regulation for these unit so “0” is allotted to these units.
7	**Development Sequence**

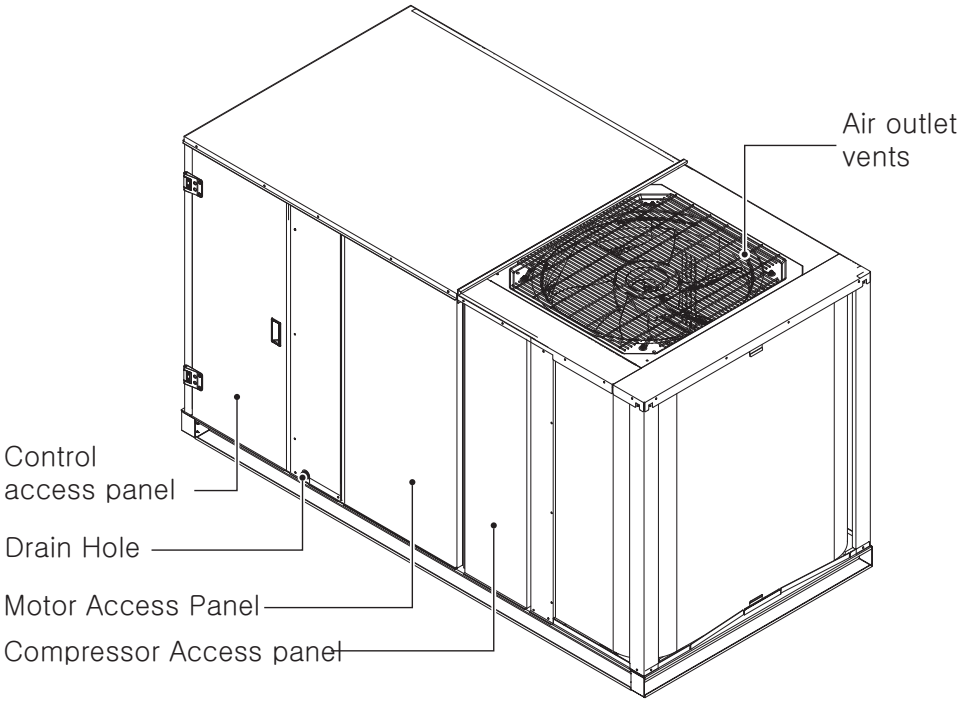
3. Feature & Benefits

■ 7.5 / 10 RT

◆ Front View



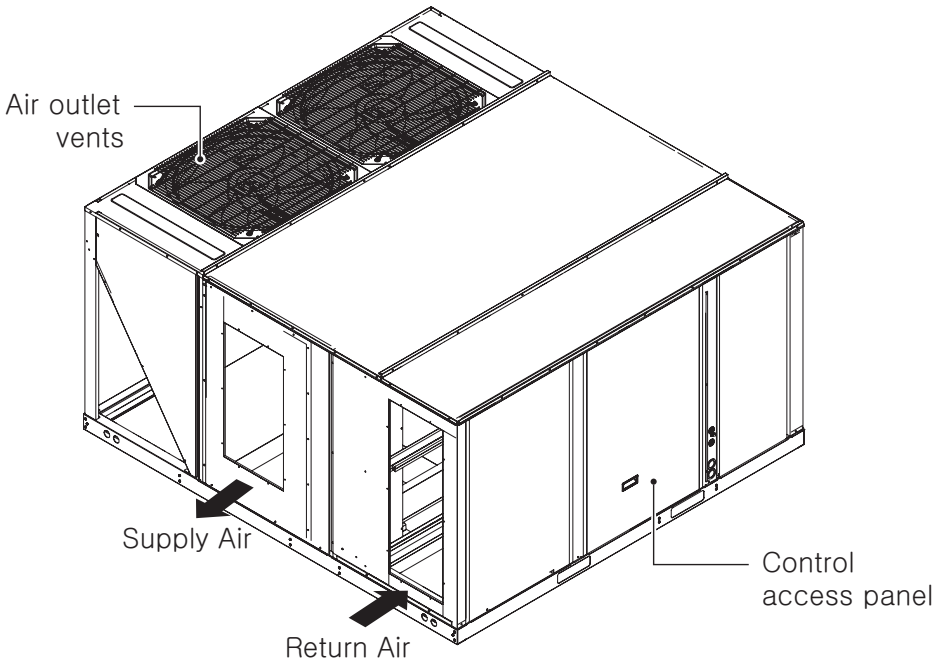
◆ Rear View



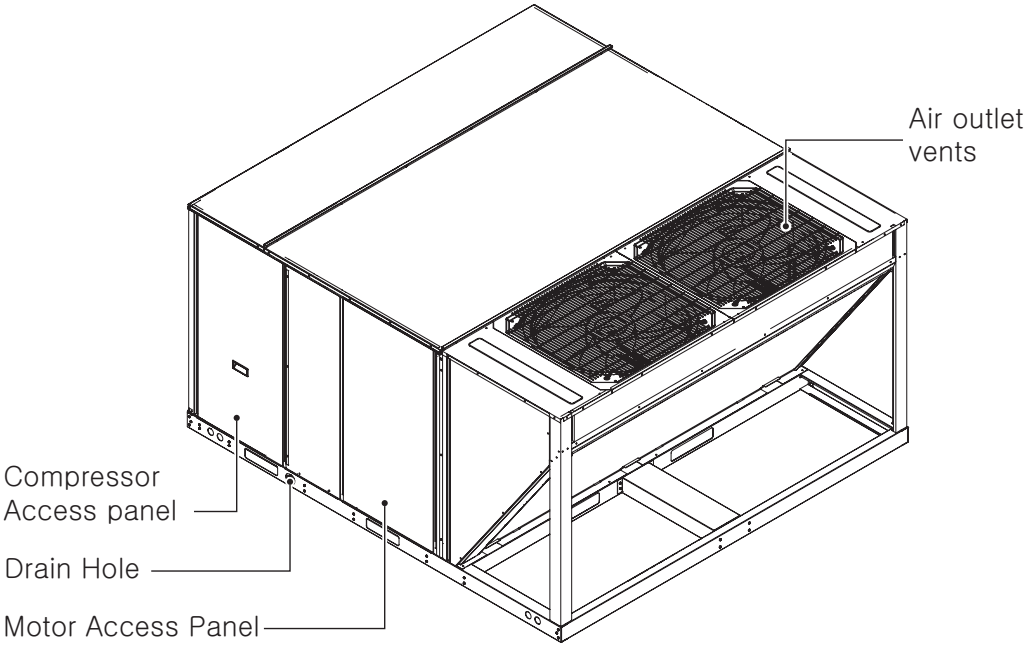
3. Feature & Benefits

■ 15 RT

◆ Front View



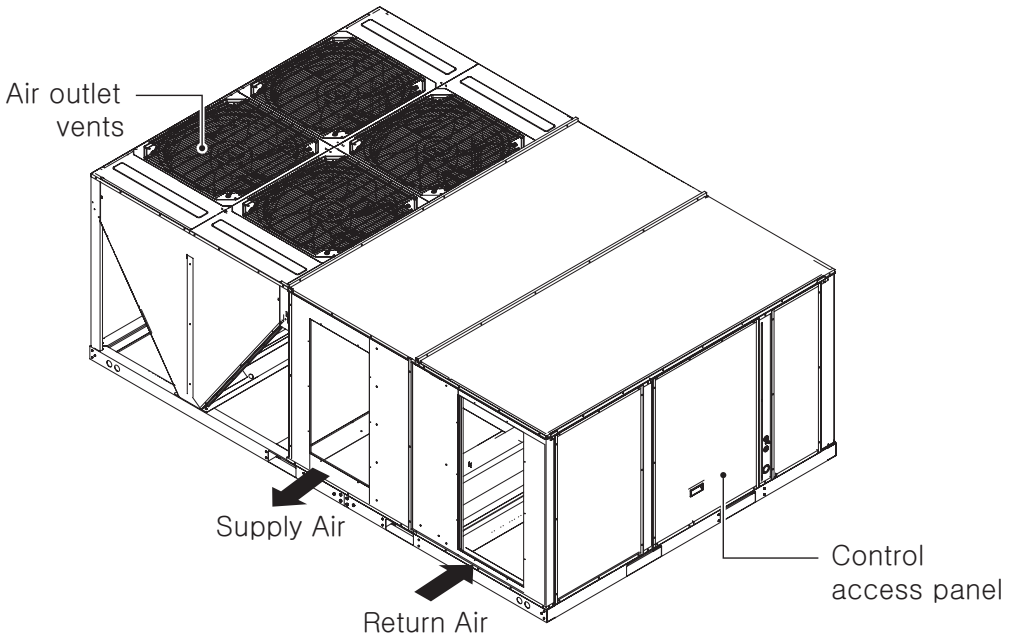
◆ Rear View



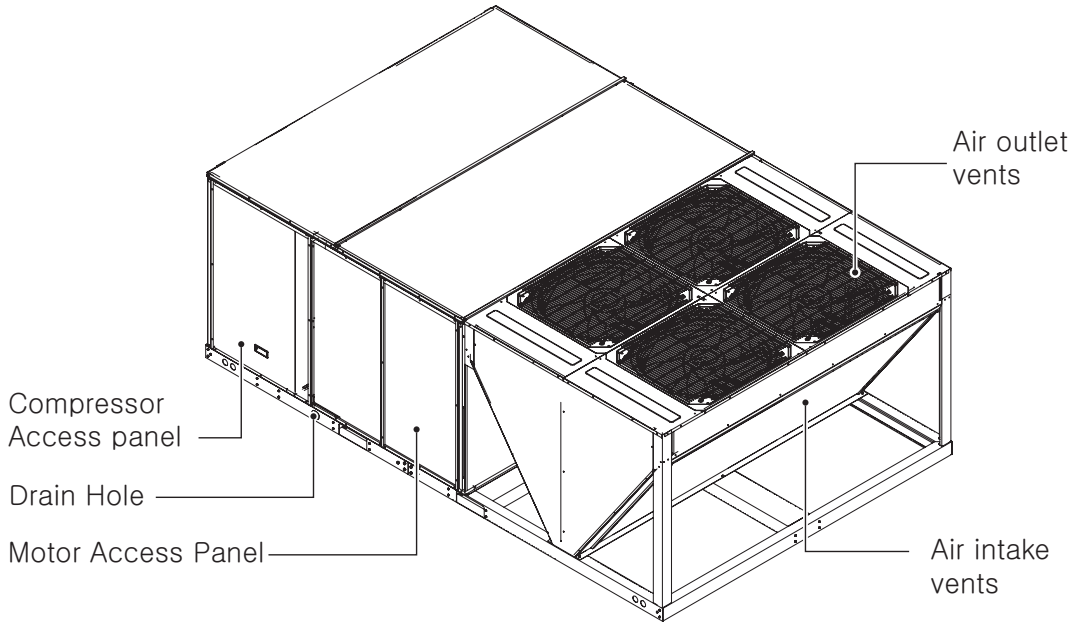
3. Feature & Benefits

■ 20 / 25RT

◆ Front View



◆ Rear View



3. Feature & Benefits

◆ Eco-friendly leadership

◆ Higher Energy Efficiency

- LG BLDC Inverter Compressor
- BLDC Inverter Fan Motor
- Newly designed propeller fan
- Wide Louver Fin in Heat Exchanger

◆ High Reliability & Comfort

- Enhanced Logic
- Soft Start Function
- Night silent operation
- Pressure & Temperature Control

◆ Easy Maintenance & Service

- Easy ESP Control
- Additional functions available with duct system

3. Feature & Benefits

■ Higher Energy Efficiency

◆ LG BLDC Inverter compressor

Improved the Improved the energy efficiency by 11%, compared to the AC inverter compressor, by using the high efficiency LG BLDC inverter compressor.

We have developed a new compressor with better performance, higher efficiency, and a more enhanced reliability than the conventional compressors.

For the motor, which is the core of the compressor, the product uses a BLDC motor.

The BLDC motor is a highly efficient motor, where strong Nd magnetism inside the rotor produces magnetic torque and the metal part of the rotor produces reluctance torque to generate strong rotational force.

Efficiency is improved because it has no slip loss, which always occurs in the normal induction motor, and noise is also reduced due to its low torque ripple design.

In addition, because the LG BLDC inverter compressor has the back pressure structure in which the interior of the compressor is maintained at a high pressure, the compression efficiency is improved.

The compressor is also a high pressure type that makes oil lubrication smoother. Compared to the conventional models, the LG BLDC inverter compressor has more improved performance and reliability.

◆ BLDC Inverter Fan Motor

The product is equipped with a high-efficiency BLDC motor.

BLDC inverter fan motor reduced motor power consumption by 35% and improved motor output by 75%. compared to the normal induction motor.

With strong torque and powerful Neodymium magnet inside the rotor, the BLDC motor provides large air volume and high static pressure.

◆ Newly designed propeller fan

The Super Aero fan is a large air volume and high static pressure fan, and at the same time it produces low levels of noise.

To provide our customers with high cooling and heating performance at a minimum size, and as well as apleasant environment ensured by quiet operation.

LG inverter single package uses various low noise technologies.

It has minimized operation noise by using a compressor with BLDC motors, low noise fan motors, new soundproof technology, outdoor fans, and a newly developed shroud shape.

◆ Wide Louver Fin in Heat Exchanger

Fin efficiency is improved by 14% compared to normal louver fin, by changing the shape of fin.

Improved efficiency by using wide louver fins with an increased thermal transfer area.

LG’s patented chloride-induced corrosion resistant Gold-fin has low corrosion and erosion rates and high hydrophilicity.

Its performance will not be affected even in a humid area.

The exchangers of our outdoor unit are treated against corrosion and pollution.

This treatment guarantees the durability of the systems and high-level performance.

3. Feature & Benefits

■ More Reliability

◆ Auto Restart Operation :

Whenever there is electricity failure the system shuts off and resumption of the power, unit will start in the same mode as prior to the power failure.

Memorized condition are on / off condition, operating mode (cooling), set temperature and fan speed.

◆ Soft Start Function :

All single package air conditioners has soft start function i.e.

Indoor fan, outdoor fan & compressor start in sequence to prevent overcurrent during starting.

◆ Night silent operation

It is possible to operate air-conditioner silently by V-scroll compressor, Fan control technology and real-timesensing the outdoor temperature. The night silent operation function can save the running cost 55%.

◆ Pressure & Temperature Control

Conventional temperature control sensed temperature and calculated target pressure based on in/ outdoor temperature, desired temperature, etc. It was hard to respond to target load quickly.

To control the cycle, pressure sensor is added to the conventional temperature control to enable elaborate control to Improve reliability with stabilized system and quick and proper response.

3. Feature & Benefits

■ More Convenience

◆ Fast Cooling & Heating Operation

With PI control logic, the set temperature is achieved more quickly and also the air conditioning efficiency is improved by 30% , It provides not only quick but powerful air conditioning operation.

◆ Cooling & Heating & Fan Operation :

LG air conditioners can provide cooling & heating & fan operation. In the cooling(heating) mode, the operation ranges are -5~48°C(-15~18°C). In the fan operation mode, only indoor fan at the selected speed will run, outdoor fan and compressor will be off.

◆ Real time smart operation

In situations where the cooling load difference is large, if performance of one side is high enough, performance of the other side can be overloaded.

To control these situations, the product uses the real-time power saving operation algorithm, which enables the product to automatically decide on the operation status for the indoor units and automatically control them to maintain an optimal operation level and reduce power consumption.

◆ Time Delay Relay

It delays restarting of the compressor by three minutes thereby preventing damage to the compressor

◆ Self Diagnosis Function :

This function provides diagnosis of the unit.

An error code will be displayed on the LCD wired remote controller & diagnosis can be done as per the code indication.

The same is also printed on key cover of the LCD wired remote controller.

■ Easy Installation, Maintenance & Service

The unit can be installed outside to save valuable indoor space or where no ceiling space is available. Install the unit on the ground or on the roof. This means that the installation is totally flexible depending on your requirements.

Since the unit has not been split into two, maintenance is easy, especially because all access panels are on the same side of the unit and all wiring inside has been color coded.

◆ Easy ESP Control

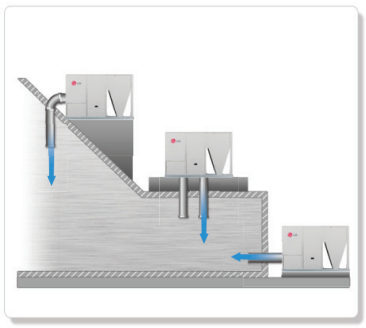
It has wide E.S.P coverage and easy to set the air volume, Set RPM by simple touch on remote control to change airflow

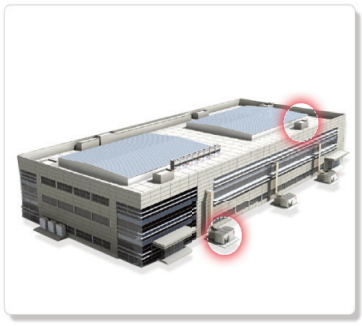
◆ Additional functions available with duct system

All units come standard in Reverse Cycle, however electric heating can be added (Electric Heating provided by Specialist Dealers). You have complete control over the fresh air input, amount of air purification and zonecontrols (extras provided by Specialist Dealers), all using the powerful LG control system.

Typical Installaion

1. Roof Jack Installation
2. Stab on Ground Installation



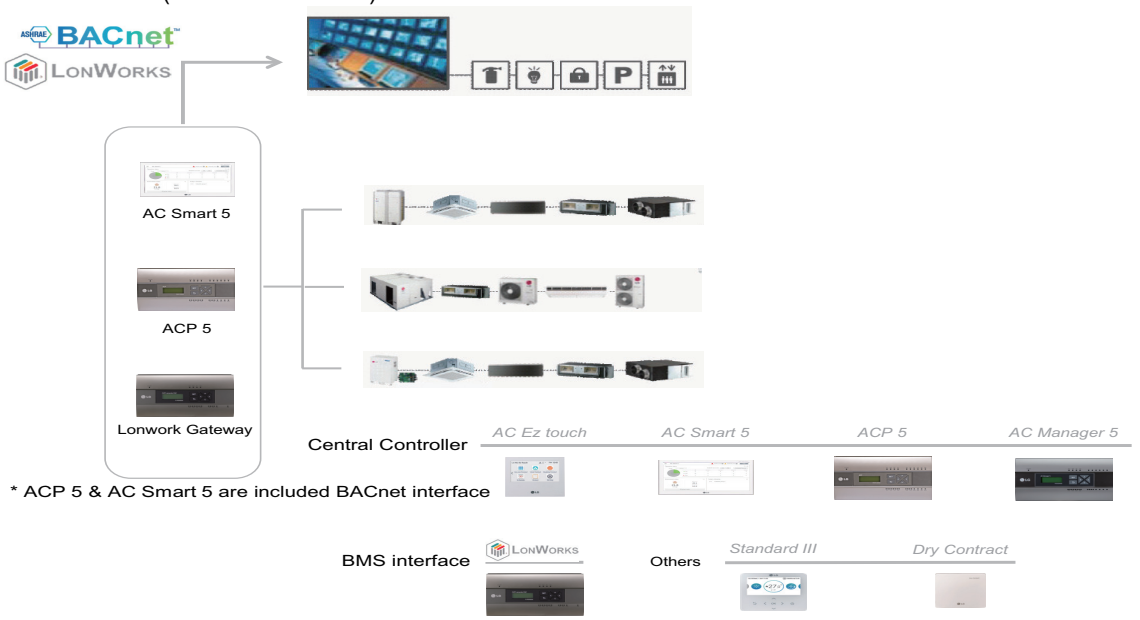


3. Feature & Benefits

■ Controller & Accessories

◆ LG Control System:(Accessory)

LG Control System supports to interlock with all LG commercial air conditioner.In addition, LG Control System can extend central control to BMS Interface (LonWork / BACnet) as well.



◆ LCD Wired Remote Control : (ACCESSORY)

It can control all the functions of the unit. You can check/set temperature, change operation mode, set timer & also diagnose the error of the unit. It also has the weekly program.

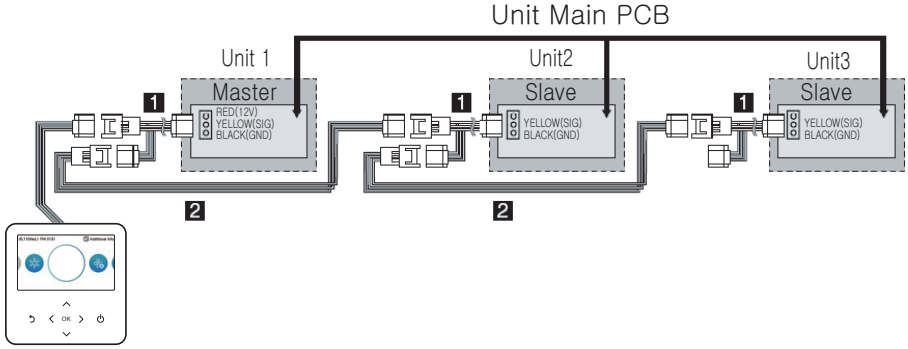
◆ Two Thermistor Control (Return Air Control) :(Accessory)

There may be a significant difference between the return air temperature in the duct and the room temperature. Return air sensing temperature is designed to control temperature more accurately by applying additional thermistor which senses the return air temperature inside the duct specially.

After selecting the duct thermistor, which is connected to the main PCB, the room temperature measurementby LCD wired remote control thermistor is neglected. It helps to control the room temperature more accurately. (Thermistor is a field-installed accessory)

◆ Group Control :(Accessory)

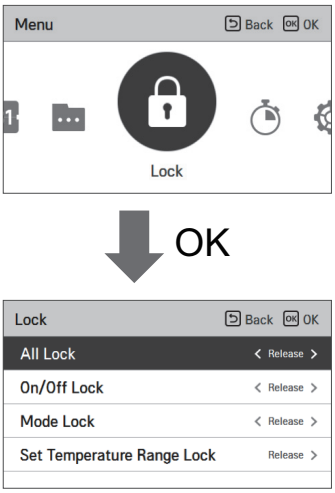
It connects and controls 2 or more air conditioner units(Maximum number of unit :16ea) to one wired remote controller. (Connect using the group control cable.)



3. Feature & Benefits

◆ Lock Setting :

It is the function to lock the button operation of the remote controller so that children or other persons cannot use it without permission.
It is the function to limit the desired temperature range that can be set in the wired remote controller.
In the menu screen, press [<,>(left, right)] button to select “lock setting” category, and press [OK] button to move to the lock setting list screen.
In the lock setting list, if you press [∧, ∨(up/down)] button, you can turn on/off the corresponding lock function.



Lock	Description
All lock	It locks all button operation of the remote controller.
On/Off lock	It locks the On/Off button operation of the remote controller.
Mode lock	It locks the operation mode button operation of the remote controller.
Temperature range lock	It is the function that can limit the range of the desired temperature that can be set in the wired remote controller. - Single : Lower limit :16 ~ 30 °C(60 ~ 86 °F) Upper limit :16/18 ~ 30 °C(60/64 ~ 86 °F)

◆ Wireless Remote Control :(Accessory)

It provides ease of control.

Single Package

Heat Pump

Product Data

1. List of Functions
2. Specifications
3. Dimensions
4. Roof Curbs
5. Wiring Diagrams
6. Piping Diagrams
7. Capacity Tables
8. Fan Performance data
9. Electric Characteristics
10. Operation Range

1. List of functions

Category	Functions	AK-W090LH00 / AK-W120LH00 / AK-W180LH00
Air Flow	Air Supply Outlet	1
	Airflow Steps (fan/cool/heat)	3 / 3 / 3
	Power Coo/Heat	X / X
	Dry Operation	O
Air Purification	Pre-Filter	O
Reliability	Hot Start	O
	Defrost / Deicing	O
	High Pressure Switch	O
	Low Pressure Switch	X
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
Convenience	Auto Mode	O
	Auto Restart	O
	Child Lock*	O
	Forced Operation	X
	Group Control*	Accessory
	Sleep Timer	X
	Turn On/Off Reservation	O
	Schedule*	O
	Two Thermistor Control*	Accessory
	Test Function	X
	Night Low Noise Operation	O
Installation	E.S.P Setting	O
	Electric Heater	X
Special Functions	Economizer	Accessory

Note

1. O : Applied, X : Not applied
   Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
   Accessory line-ups varies by region, so check your local catalogue or local sales material.
2. Some functions can be limited by remote controller.
3. In case of ducted type indoor units using the wireless remote controller, it needs to connect to the wired remote controller for received the signal of that.
4. 'Auto Mode' varies depending on the outdoor unit type.
   - Auto Change Over(Single Heat Pump Outdoor Unit)
   - Auto Mode Select(Multi Heat Pump Outdoor Unit)
   - Auto Intensity Control(Cooling Only Outdoor Unit)
5. * : These functions need to connect the wired remote controller.

1. List of functions

Category	Functions	AK-W240LC00 / AK-W300LC00 AK-W240LH00 / AK-W300LH00
Air Flow	Air Supply Outlet	1
	Airflow Steps (fan/cool/heat)	1 / 1 / 1
	Power Coo/Heat	X / X
	Dry Operation	O
Air Purification	Pre-Filter	O
Reliability	Hot Start	O
	Defrost / Deicing	O
	High Pressure Switch	O
	Low Pressure Switch	X
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
Convenience	Auto Mode	O
	Auto Restart	O
	Child Lock*	O
	Forced Operation	X
	Group Control*	Accessory
	Sleep Timer	X
	Turn On/Off Reservation	O
	Schedule*	O
	Two Thermistor Control*	Accessory
	Test Function	X
	Night Low Noise Operation	O
Installation	E.S.P Setting	O
	Electric Heater	X
Special Functions	Economizer	Accessory

Note

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5. * : These functions need to connect the wired remote controller.

1. List of functions

■ Accessory Compatibility List

Product		Model name	ETC	AK-W***LH00
Central Controller	AC EZ	PQCSZ250S0	Small type	O
	AC EZ touch	PACEZA000	Small / Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV[1)]	PACM4B000	Integrated	O
	AC Manager 5[1)]	PACM5A000	Integrated	O
Remote Controller	Wired - Premium	PREMTA000	-	O
		PREMTA000A	-	O
		PREMTA000B	-	O
	Wired - RS3 (Standard III)	PREMTB100	White	O
		PREMTBB10	Black	O
	Wired - RS2 (Standard II)	PREMTB001	White	O
		PREMTBB01	Black	O
	Wired - 86 (Standard)	PQRCUC2W	86 Remote Controller	Embedded
	Wireless - BETTER[2)]	PQWRCQ0FDB	For Cooling only	X
		PQWRHQ0FDB	For Heat pump	O
Dry Contact	Simple	PDRYCB000	1point, AC 220 - 240V	O
	Communication	PDRYCB400	2 point	O
		PDRYCB300	For 3rd party Themostat	O
		PDRYCB500	For Modbus 485	O
Gateway	ODU PI485[3)]	PMNFP14A1	For 16-room (3 series)	X
	ACP BACnet	PQB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
Integration Device	Remote Temperature sensor	PQRSTA0	-	O
	Group Control wire	PZCWRCG3	Cable Assembly for group control (Y-type cable : 0.25m, cable : 9.6m)	O
	PDI Stadnard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	CTI (Communication transfer interface)	PKFC0	-	O
	Extension wire	PZCWRC1	Extension wire for IDU-wired remote controller (9.6m)	O
	Y-Type cable	PZCWRC2	Y-Type cable for wired remote controller	X
	Economizer	PKEMD1CA0	-	O

Note

1. O: Possible, X: Impossible, - : Not applicable, Embedded : Included with product.
2. [1)] ACP or AC Smart is needed.
3. [2)] In case of ducted type, wired remote controller should be connected for using the wireless remote controller.
4. [3)] This model does not require PI 485 Kit, because it can communicate through RS485 method by itself.
5. If you need more detail, please refer to the ***BECON*** PDB or the manual of product.
   (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

1. List of functions

■ Accessory Compatibility List

Product		Model name	ETC	AK-W***LC00
Central Controller	AC EZ	PQCSZ250S0	Small type	O
	AC EZ touch	PACEZA000	Small / Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV[1)]	PACM4B000	Integrated	O
	AC Manager 5[1)]	PACM5A000	Integrated	O
Remote Controller	Wired - Premium	PREMTA000	-	O
		PREMTA000A	-	O
		PREMTA000B	-	O
	Wired - RS3 (Standard III)	PREMTB100	White	O
		PREMTBB10	Black	O
	Wired - RS2 (Standard II)	PREMTB001	White	O
		PREMTBB01	Black	O
	Wired - 86 (Standard)	PQRCUC2W	86 Remote Controller	X
	Wireless - BETTER[2)]	PQWRCQ0FDB	For Cooling only	X
		PQWRHQ0FDB	For Heat pump	O
Dry Contact	Simple	PDRYCB000	1point, AC 220 - 240V	O
	Communication	PDRYCB400	2 point	O
		PDRYCB300	For 3rd party Themostat	O
		PDRYCB500	For Modbus 485	O
Gateway	ODU PI485[3)]	PMNFP14A1	For 16-room (3 series)	X
	ACP BACnet	PQB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
Integration Device	Remote Temperature sensor	PQRSTA0	-	O
	Group Control wire	PZCWRCG3	Cable Assembly for group control (Y-type cable : 0.25m, cable : 9.6m)	O
	PDI Stadnard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	CTI (Communication transfer interface)	PKFC0	-	O
	Extension wire	PZCWRC1	Extension wire for IDU-wired remote controller (9.6m)	O
	Y-Type cable	PZCWRC2	Y-Type cable for wired remote controller	X
	Economizer	PKEMD1CA0	-	O

Note

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2. Specifications

Nominal Capacity			RT	7.5	10
Model Name			-	AK-W090LH00	AK-W120LH00
Cooling Capacity	Net Capacity (Min ~ Rated ~ Max)		kW	14.0 ~ 26.4 ~ 34.6	18.2 ~ 34.3 ~ 38.1
			kcal/h	12,020 ~ 22,680 ~ 29,740	15,630 ~ 29,490 ~ 32,770
			Btu/h	47,700 ~ 90,000 ~ 118,000	62,000 ~ 117,000 ~ 130,000
	Gross Capacity (Min ~ Rated ~ Max)		kW	14.5 ~ 27.0 ~ 35.2	19.1 ~ 35.2 ~ 39.0
			kcal/h	12,500 ~ 23,170 ~ 30,230	16,420 ~ 30,240 ~ 33,560
			Btu/h	49,600 ~ 91,960 ~ 119,960	65,000 ~ 120,000 ~ 133,000
Heating Capacity	Capacity (Min ~ Rated ~ Max)		kW	14.0 ~ 26.4 ~ 34.6	18.2 ~ 34.3 ~ 38.1
			kcal/h	12,020 ~ 22,680 ~ 29,740	15,630 ~ 29,490 ~ 32,770
			Btu/h	47,700 ~ 90,000 ~ 118,000	62,000 ~ 117,000 ~ 130,000
EER			Btu / Wh	12.2	11.6
IEER			Btu / Wh	20	19
COP			W / W	3.7	3.5
Power Input	Cooling (Min ~ Rated ~ Max)		kW	2.3 ~ 7.37 ~ 15.0	2.8 ~ 10.08 ~ 15.5
	Heating (Min ~ Rated ~ Max)		kW	2.3 ~ 7.13 ~ 15.0	2.8 ~ 9.80 ~ 15.5
Power Supply			V, Ø, Hz	380-415, 3, 50/60	380-415, 3, 50/60
Indoor Coil	Fin Type		-	LG Louver	LG Louver
	Tube Size	Outer Dia.	mm (inch)	9.52 (3/8)	9.52 (3/8)
	(Row x Column x Fins per inch) x No.			(4 × 22 × 16) × 2	(4 × 22 × 16) × 2
	Face Area		$m^2(ft^2)$	1.01 (10.8)	1.01 (10.8)
Indoor Fan	Type			Plug Fan	Plug Fan
	Diameter		mm (inch)	560 (22)	560 (22)
	Motor Output		HP	10	10
	Air Flow Rate	Nominal	m^3/min	85	113
		Nominal	ft^3/min	3,000	4,000
	Drive			BLDC Inverter	BLDC Inverter
Filter	Pre-Filter (Washable)	No.	EA	1	1
		Size (WxHxD)	inch	40 x 40 x 0.28	40 x 40 x 0.28
	2'' Filter (Field Acc.)	No.	EA	4	4
		Size (WxHxD)	inch	20 x 20 x 2	20 x 20 x 2
Compressor (#1, A Cycle)	Type			HSS DC SCROLL	HSS DC SCROLL
	Motor Output		W x No.	5,500 x 1	5,500 x 1
	Oil Type			FW68D(PVE)	FW68D(PVE)
	Oil Charge		cc x No.	1,500 x 1	1,500 x 1
Compressor (#2, B Cycle)	Type			-	-
	Motor Output		W x No.	-	-
	Oil Type			-	-
	Oil Charge		cc x No.	-	-
Outdoor Coil	Fin Type			Wide Louver Plus	Wide Louver Plus
	Tube Size	Outer Dia.	mm(inch)	7 (9/32)	7 (9/32)
	(Row x Column x Fins per inch) x No.			(3 x 52 x 14) x 1	(3 x 52 x 14) x 1
	Face Area		$m^2(ft^2)$	2.4 (25.9)	2.4 (25.9)
Outdoor Fan	Type			Propeller Fan	Propeller Fan
	Diameter		mm(inch)	680(26-25/32)	680(26-25/32)
	Motor Output		W x No.	1,500 x 1	1,500 x 1
	Air Flow Rate		m^3/min x No.	105 x 1	105 x 1
			ft^3/min x No.	3,700 x 1	3,700 x 1
	Drive			BLDC Inverter	BLDC Inverter
	Discharge Direction			Top	Top
Dehumidification rate			ℓ/h	9.1	12.1
Drain Connection Size				Male NPT 3/4"	Male NPT 3/4"

Note

1. Due to our policy of innovation some specifications may be changed without notification.
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   Its back ground noise is 55dB(A)
   Therefore, these values can be increased owing to ambient conditions during operation.
3. Performances are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27.0°C (80.6°F)DB / 19.0°C (66.2°F)WB
     Outdoor Ambient Temp. 35.0°C (95°F)DB / 24.0° (75.2°F)WB
   - Heating : Indoor Ambient Temp. 20.0°C (68.0°F)DB / 15.0°C (59.0°F)WB
     Outdoor Ambient Temp. 7.0°C (44.6°F)DB / 6.0° (42.8°F)WB
4. This product contains Fluorinated greenhouse gases.
5. EER : Energy Efficiency Ratio
   IEER : Integrated Energy Efficiency Ratio
   COP : Coefficient of Performance
   EER & COP represent the efficiency at rated capacity.
6. Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.

2. Specifications

Nominal Capacity			RT	7.5	10
Model Name			-	AK-W090LH00	AK-W120LH00
Refigerant	Refigerant name			R410A	R410A
	Precharged Amount	A-Circuit	kg	9	9
		B-Circuit	kg	-	-
	Control			EEV	EEV
Dimensions (W × H × D)			mm	1,130 x 1,242 x 2,250	1,130 x 1,242 x 2,250
			inch	44-1/2 x 48-29/32 x 88-19/32	44-1/2 x 48-29/32 x 88-19/32
Net Weight			kg(lbs)	440(970)	440(970)
Shipping Weight			kg(lbs)	460(1,014)	460(1,014)
Sound Pressure Levels	Cooling		dB(A)	80	80
Operation Range (OutdoorTemperature)	Cooling	Min. ~ Max.	℃ DB(°F DB)	-5 ~ 54 (23.0~129.2)	-5 ~ 54 (23.0~129.2)
	Heating	Min. ~ Max.	℃ WB(°F WB)	-15 ~ 18 (5.0 ~ 64.4)	-15 ~ 18 (5.0 ~ 64.4)

Note

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   Its back ground noise is 55dB(A)
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3. Performances are based on the following conditions :
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     Outdoor Ambient Temp. 35.0°C (95°F)DB / 24.0° (75.2°F)WB
   - Heating : Indoor Ambient Temp. 20.0°C (68.0°F)DB / 15.0°C (59.0°F)WB
     Outdoor Ambient Temp. 7.0°C (44.6°F)DB / 6.0° (42.8°F)WB
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2. Specifications

Nominal Capacity			RT	15
Model Name			-	AK-W180LH00
Cooling Capacity	Net Capacity (Min ~ Rated ~ Max)		kW	32.2 ~ 51.0 ~ 64.5
			kcal/h	27,720 ~ 43,850 ~ 55,440
			Btu/h	110,000 ~ 174,000 ~ 220,000
	Gross Capacity (Min ~ Rated ~ Max)		kW	33.8 ~ 52.6 ~ 66.1
			kcal/h	29,060, ~ 45,230 ~ 56,830
			Btu/h	115,300 ~ 179,500 ~ 225,500
Heating Capacity	Capacity (Min ~ Rated ~ Max)		kW	32.2 ~ 51.0 ~ 58.6
			kcal/h	27,720 ~ 43,850 ~ 50,410
			Btu/h	110,000 ~ 174,000 ~ 200,000
EER			Btu / Wh	11.4
IEER			Btu / Wh	18.5
COP			W / W	3.43
Power Input	Cooling (Min ~ Rated ~ Max)		kW	4.27 ~ 15.26 ~ 30.00
	Heating (Min ~ Rated ~ Max)		kW	4.27 ~ 14.86 ~ 30.00
Power Supply			V, Ø, Hz	380-415, 3, 50/60
Indoor Coil	Fin Type		-	LG Louver
	Tube Size	Outer Dia.	mm (inch)	9.52 (3/8)
	(Row x Column x Fins per inch) x No.			(4 × 22 × 16) × 2
	Face Area		$m^2(ft^2)$	1.45 (15.6)
Indoor Fan	Type			Plug Fan
	Diameter		mm (inch)	630(25)
	Motor Output		HP	10
	Air Flow Rate	Nominal	m^3/min	170
		Nominal	ft^3/min	6,000
	Drive			BLDC Inverter
Filter	Pre-Filter (Washable)	No.	EA	2
		Size (WxHxD)	inch	75 x 20 x 0.28
	2'' Filter (Field Acc.)	No.	EA	6
		Size (WxHxD)	inch	25 x 20 x 2
Compressor (#1, A Cycle)	Type			HSS DC SCROLL
	Motor Output		W x No.	5,300 x 1
	Oil Type			FW68D(PVE)
	Oil Charge		cc x No.	1,200 x 1
Compressor (#2, B Cycle)	Type			HSS DC SCROLL
	Motor Output		W x No.	5,300 x 1
	Oil Type			FW68D(PVE)
	Oil Charge		cc x No.	1,200 x 1
Outdoor Coil	Fin Type			Wide Louver Plus
	Tube Size	Outer Dia.	mm(inch)	7(9/32)
	(Row x Column x Fins per inch) x No.			(3 x 52 x 14) x 1
	Face Area		$m^2(ft^2)$	2.2 (24.2)
Outdoor Fan	Type			Propeller Fan
	Diameter		mm(inch)	680(26-25/32)
	Motor Output		W x No.	1,500 x 2
	Air Flow Rate		m^3/min x No.	105 x 2
			ft^3/min x No.	3,700 x 2
	Drive			BLDC Inverter
	Discharge Direction			Top
Dehumidification rate			ℓ/h	18.1
Drain Connection Size				Male NPT 1"

Note

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   Its back ground noise is 55dB(A)
   Therefore, these values can be increased owing to ambient conditions during operation.
3. Performances are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27.0°C (80.6°F)DB / 19.0°C (66.2°F)WB
     Outdoor Ambient Temp. 35.0°C (95°F)DB / 24.0° (75.2°F)WB
   - Heating : Indoor Ambient Temp. 20.0°C (68.0°F)DB / 15.0°C (59.0°F)WB
     Outdoor Ambient Temp. 7.0°C (44.6°F)DB / 6.0° (42.8°F)WB
4. This product contains Fluorinated greenhouse gases.
5. EER : Energy Efficiency Ratio
   IEER : Integrated Energy Efficiency Ratio
   COP : Coefficient of Performance
   EER & COP represent the efficiency at rated capacity.
6. Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.

2. Specifications

Nominal Capacity			**RT**	**15**
Model Name			**-**	**AK-W180LH00**
Refigerant	Refigerant name			R410A
	Precharged Amount	A-Circuit	kg	5.2
		B-Circuit	kg	5.2
	Control			EEV
Dimensions (W × H × D)			mm	2,230 x 1,242 x 2,400
			inch	87-25/32 × 48-29/32 × 94-1/2
Net Weight			kg(lbs)	705 (1,554)
Shipping Weight			kg(lbs)	725 (1,598)
Sound Pressure Levels	Cooling		dB(A)	80
Operation Range (OutdoorTemperature)	Cooling	Min. ~ Max.	℃ DB(˚F DB)	-5 ~ 54 (23.0~129.2)
	Heating	Min. ~ Max.	℃ WB(˚F WB)	-15 ~ 18 (5.0 ~ 64.4)

Note

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2. Sound pressure level is measured on the rated condition at Noise Measuring chamber accordance with standard.
   Its back ground noise is 55dB(A)
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   - Cooling : Indoor Ambient Temp. 27.0°C (80.6°F)DB / 19.0°C (66.2°F)WB
     Outdoor Ambient Temp. 35.0°C (95°F)DB / 24.0° (75.2°F)WB
   - Heating : Indoor Ambient Temp. 20.0°C (68.0°F)DB / 15.0°C (59.0°F)WB
     Outdoor Ambient Temp. 7.0°C (44.6°F)DB / 6.0° (42.8°F)WB
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   COP : Coefficient of Performance
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2. Specifications

Nominal Capacity			RT	20	25
Model Name			-	AK-W240LC00 AK-W240LH00	AK-W300LC00 AK-W300LH00
Cooling Capacity	Net Capacity (Min ~ Rated ~ Max)		kW	30.5 ~ 70.0 ~ 90.3	35.2 ~ 81.0 ~ 101.1
			kcal/h	26,210 ~ 60,480 ~ 77,610	30,240 ~ 69,600 ~ 86,940
			Btu/h	104,000 ~ 240,000 ~ 308,000	120,000 ~ 276,000 ~ 345,000
	Gross Capacity (Min ~ Rated ~ Max)		kW	32.5 ~ 72.3 ~ 92.3	37.9 ~ 83.6 ~ 103.8
			kcal/h	27,950 ~ 62,220 ~ 79,350	32,560 ~ 71,870 ~ 89,260
			Btu/h	110,900 ~ 246,900 ~ 314,900	129,200 ~ 285,200 ~ 354,200
Heating Capacity	Capacity (Min ~ Rated ~ Max)		kW	30.5 ~ 70.3 ~ 90.3	35.2 ~ 80.9 ~ 101.1
			kcal/h	26,210 ~ 60,480 ~ 77,610	30,240 ~ 69,600 ~ 86,940
			Btu/h	104,000 ~ 240,000 ~ 308,000	120,000 ~ 276,000 ~ 345,000
EER			Btu / Wh	11.3	10.6
IEER			Btu / Wh	19.0	18.3
COP			W / W	3.38	3.24
Power Input	Cooling (Min ~ Rated ~ Max)		kW	11.9 ~ 21.3 ~ 32.1	11.9 ~ 26.0 ~ 39.2
	Heating (Min ~ Rated ~ Max)		kW	11.6 ~ 20.8 ~ 31.4	11.6 ~ 25.0 ~ 37.7
Power Supply			V, Ø, Hz	380-415, 3, 50/60	380-415, 3, 50/60
Indoor Coil	Fin Type		-	LG Louver	LG Louver
	Tube Size	Outer Dia.	mm (inch)	9.52 (3/8)	9.52 (3/8)
	(Row x Column x Fins per inch) x No.			(4 × 44 × 16) × 2	(4 × 44 × 16) × 2
	Face Area		$m^2(ft^2)$	2.01 (21.6)	2.01 (21.6)
Indoor Fan	Type			Plug Fan	Plug Fan
	Diameter		mm (inch)	630 (25)	630 (25)
	Motor Output		HP	10	10
	Air Flow Rate	Nominal	m^3/min	227	261
		Nominal	ft^3/min	8,000	9,200
	Drive			BLDC Inverter	BLDC Inverter
Filter	Pre-Filter (Washable)	No.	EA	2	2
		Size (WxHxD)	inch	75 x 20 x 0.28	75 x 20 x 0.28
	2'' Filter (Field Acc.)	No.	EA	6	6
		Size (WxHxD)	inch	25 x 20 x 2	25 x 20 x 2
Compressor (#1, A Cycle)	Type			HSS DC SCROLL	HSS DC SCROLL
	Motor Output		W x No.	5,500 × 1	5,500 × 1
	Oil Type			FW68D(PVE)	FW68D(PVE)
	Oil Charge		cc x No.	1,500 × 1	1,500 × 1
Compressor (#2, B Cycle)	Type			HSS DC SCROLL	HSS DC SCROLL
	Motor Output		W x No.	5,500 × 1	5,500 × 1
	Oil Type			FW68D(PVE)	FW68D(PVE)
	Oil Charge		cc x No.	1,500 × 1	1,500 × 1
Outdoor Coil	Fin Type			Wide Louver Plus	Wide Louver Plus
	Tube Size	Outer Dia.	mm(inch)	7 (9/32)	7 (9/32)
	(Row x Column x Fins per inch) x No.			(3 × 52 × 14) × 2	(3 × 52 × 14) × 2
	Face Area		$m^2(ft^2)$	4.5 (48.4)	4.5 (48.4)
Outdoor Fan	Type			Propeller Fan	Propeller Fan
	Diameter		mm(inch)	680 (26-25/32)	680 (26-25/32)
	Motor Output		W x No.	900 × 4	900 × 4
	Air Flow Rate		m^3/min x No.	105 × 4	105 × 4
			ft^3/min x No.	3,700 × 4	3,700 × 4
	Drive			BLDC Inverter	BLDC Inverter
	Discharge Direction			Top	Top
Dehumidification rate			ℓ/h	24.1	30.1
Drain Connection Size				Male NPT 1"	Male NPT 1"

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   - Heating : Indoor Ambient Temp. 20.0°C (68.0°F)DB / 15.0°C (59.0°F)WB
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2. Specifications

Nominal Capacity			RT	20	25
Model Name			-	AK-W240LC00 AK-W240LH00	AK-W300LC00 AK-W300LH00
Refigerant	Refigerant name			R410A	R410A
	Precharged Amount	A-Circuit	kg	9.0	9.0
		B-Circuit	kg	9.0	9.0
	Control			EEV	EEV
Dimensions (W × H × D)			mm	2,230 × 1,242 × 3,520	2,230 × 1,242 × 3,520
			inch	87-25/32 × 48-29/32 × 138-19/32	87-25/32 × 48-29/32 × 138-19/32
Net Weight			kg(lbs)	915 (2,017)	915 (2,017)
Shipping Weight			kg(lbs)	945 (2,083)	945 (2,083)
Sound Pressure Levels	Cooling		dB(A)	77	77
Operation Range (OutdoorTemperature)	Cooling	Min. ~ Max.	℃ DB(℉DB)	-5 ~ 54 (23.0 ~ 129.2)	-5 ~ 54 (23.0 ~ 129.2)
	Heating	Min. ~ Max.	℃ WB(℉WB)	-15 ~ 18 (5.0 ~ 64.4)	-15 ~ 18 (5.0 ~ 64.4)

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   - Heating : Indoor Ambient Temp. 20.0°C (68.0°F)DB / 15.0°C (59.0°F)WB
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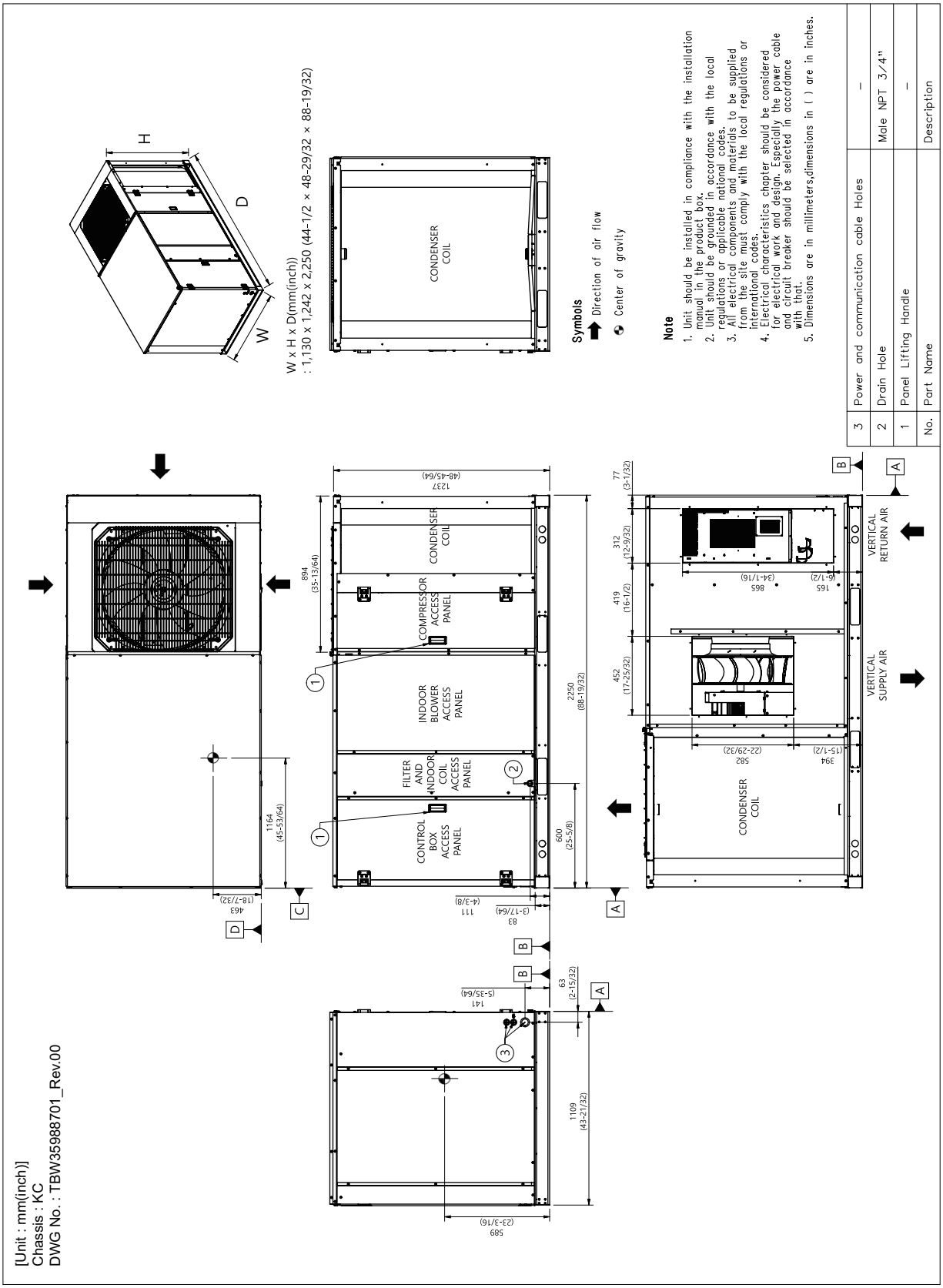
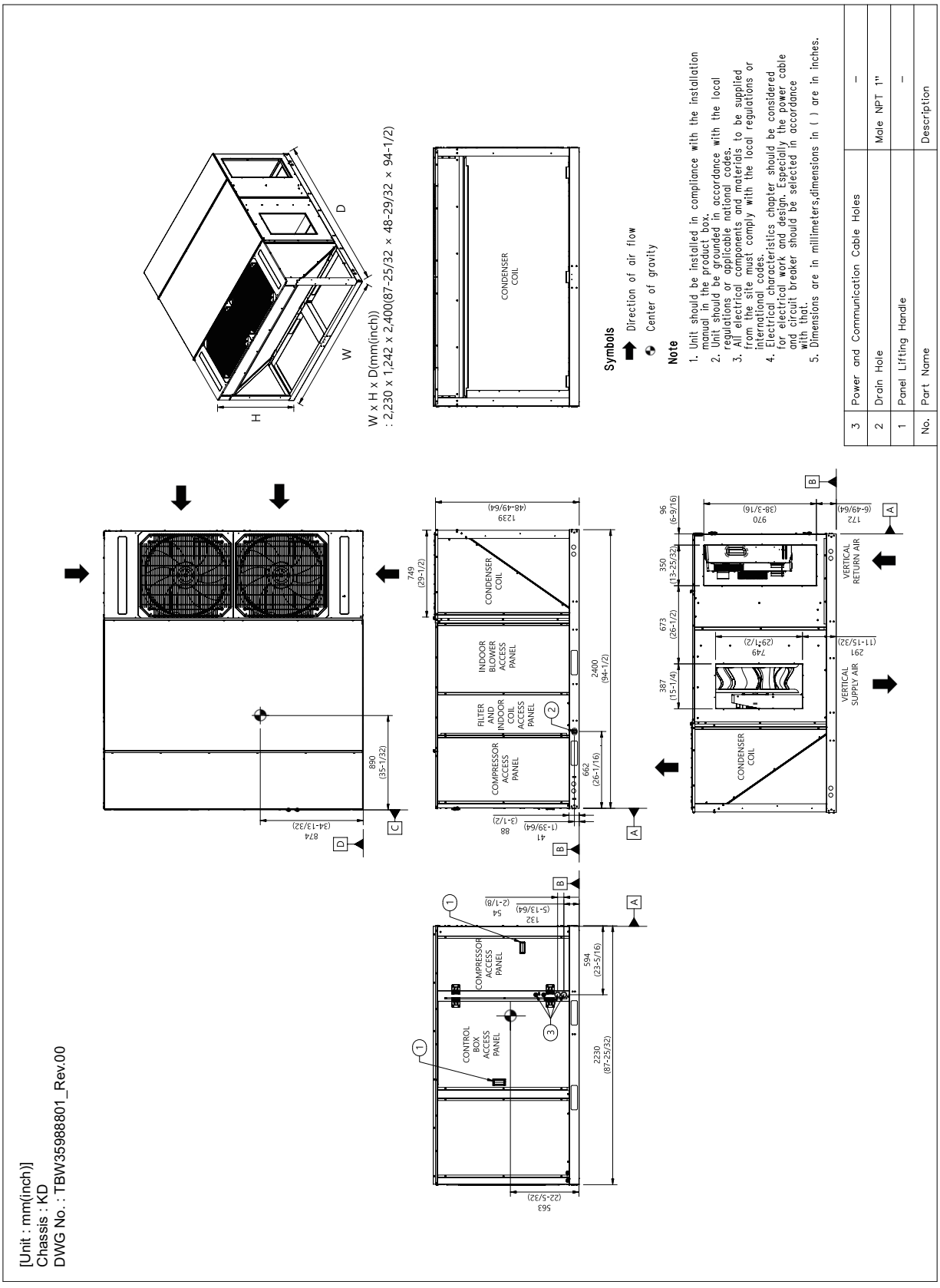
3. Dimensions

3.1 7.5 RT / 10 RT



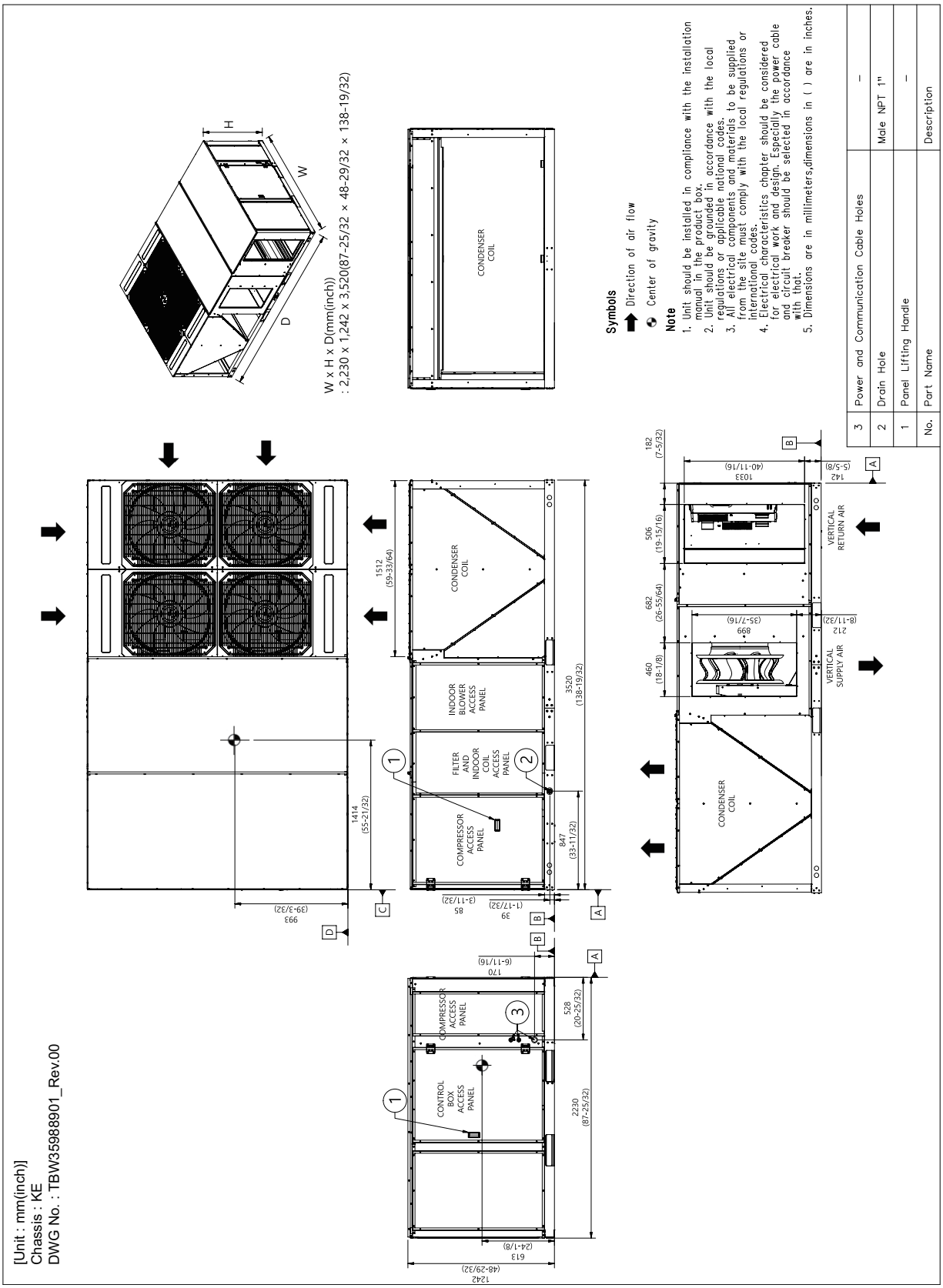
3. Dimensions

3.2 15 RT



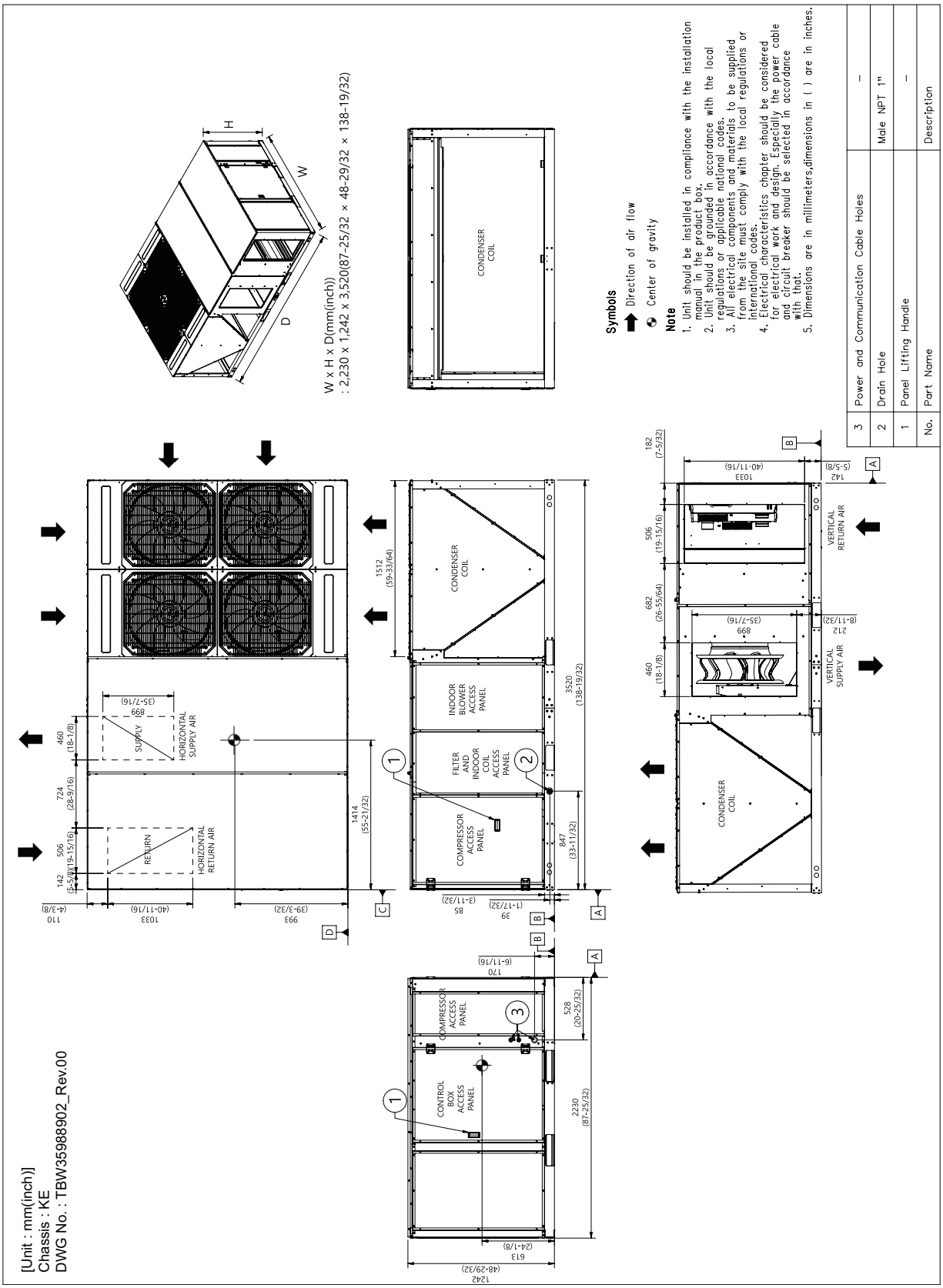
3. Dimensions

3.3 20 RT / 25 RT (AK-W240LH00 / AK-W300LH00)



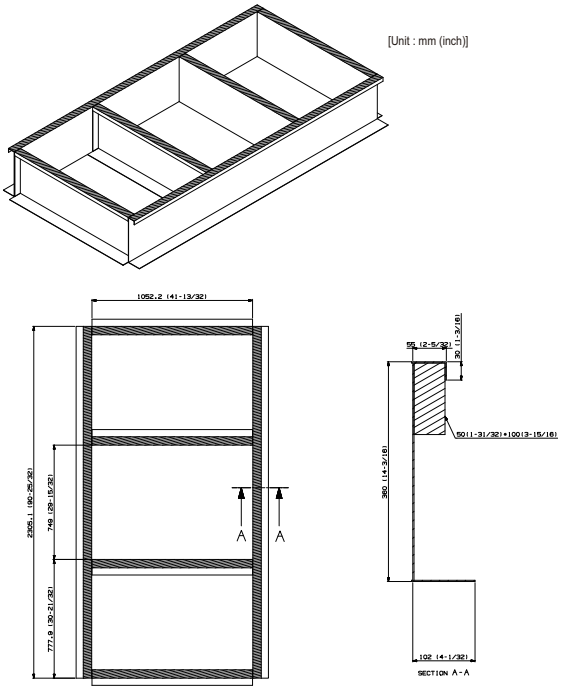
3. Dimensions

3.4 20 RT / 25 RT(AK-W240LC00 / AK-W300LC00)



4. Roof Curbs

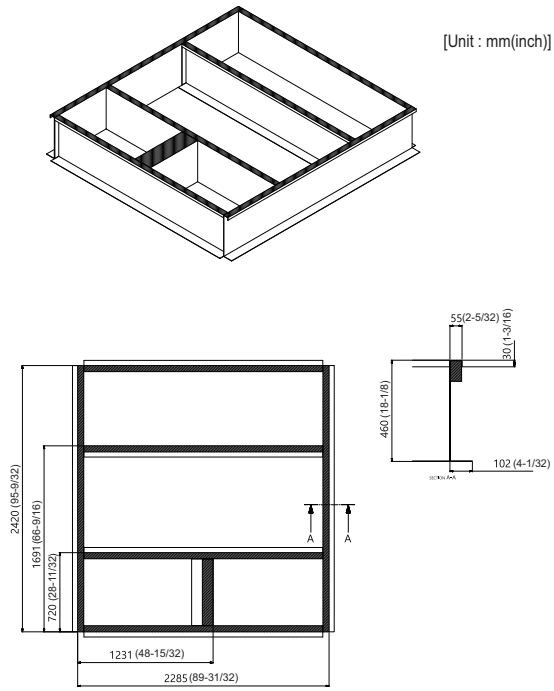
◆ 7.5 RT / 10 RT



Note

1. Roof Curb - Galvanized steel

◆ 15 RT



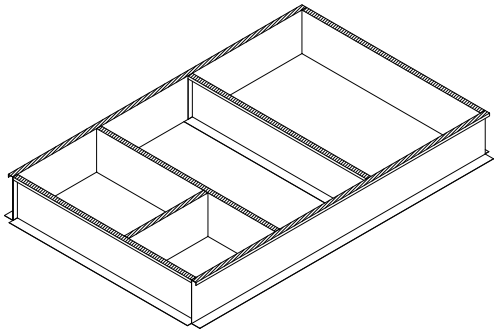
Note

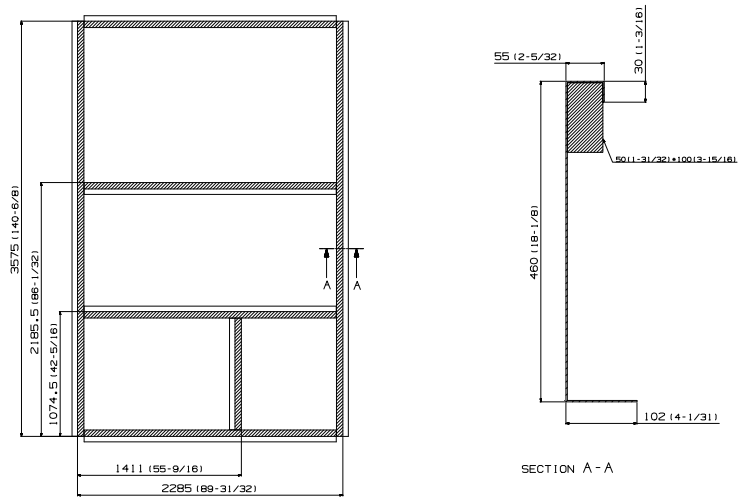
1. Roof Curb - Galvanized steel

4. Roof Curbs

◆ 20 RT / 25 RT

[Unit : mm (inch)]



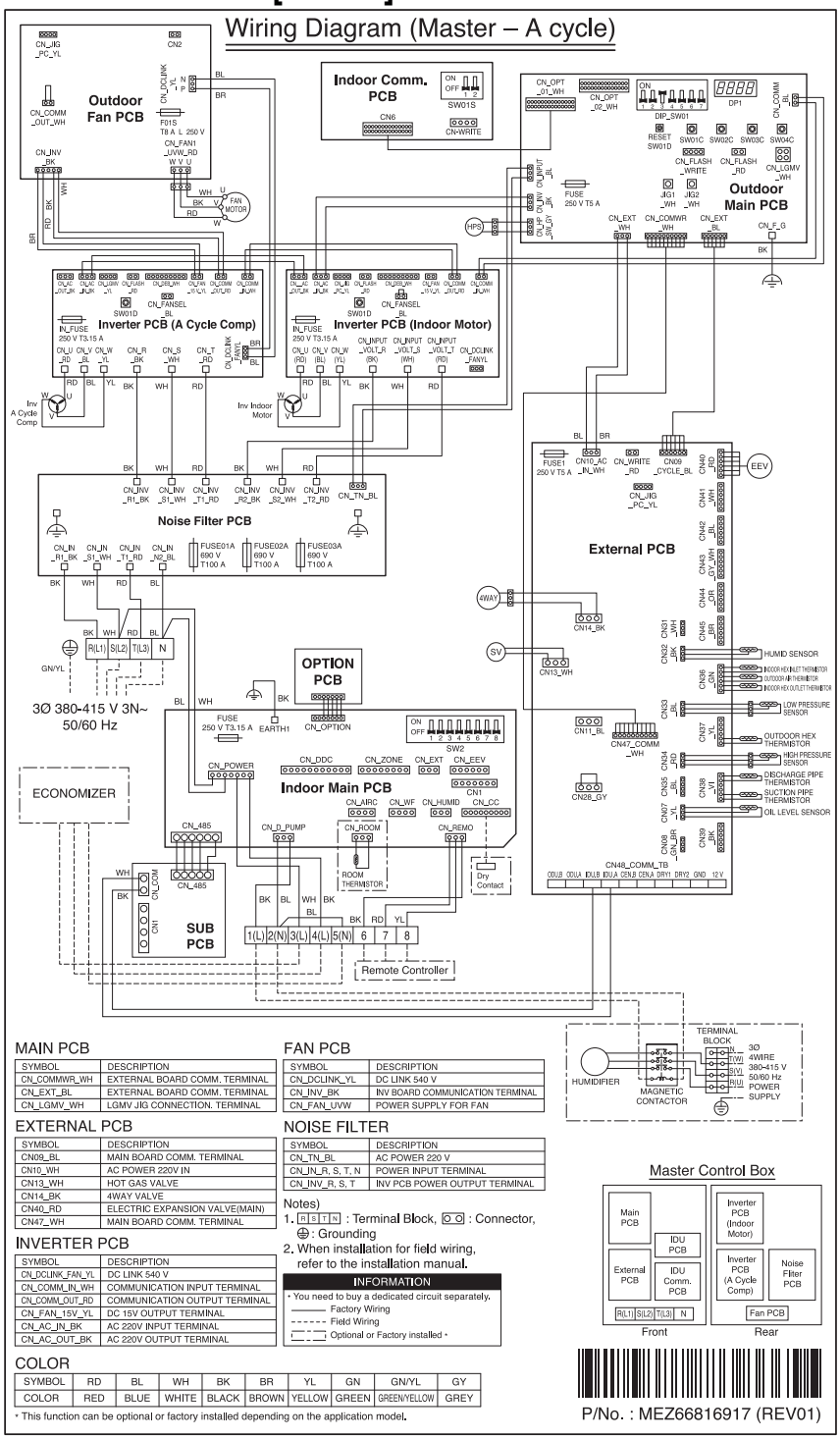


Note

1. Roof Curb - Galvanized steel

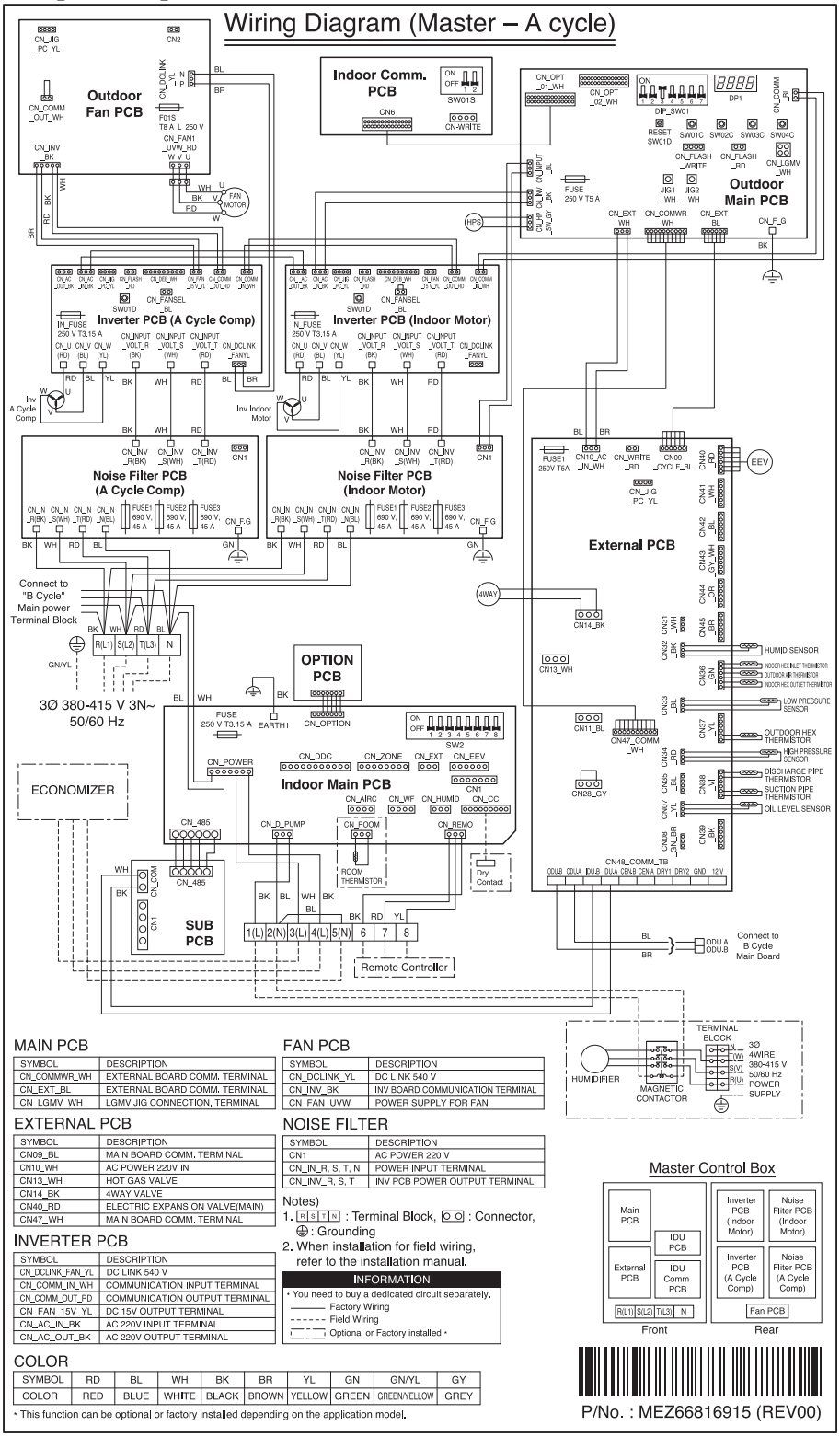
5. Wiring diagrams

■ AK-W090LH00 / AK-W120LH00 [Master]



5. Wiring diagrams

■ AK-W180LH00 [Master]



MAIN PCB

SYMBOL	DESCRIPTION
CN_COMMWR_WH	EXTERNAL BOARD COMM. TERMINAL
CN_EXT_BL	EXTERNAL BOARD COMM. TERMINAL
CN_LGMV_WH	LGMV JIG CONNECTION, TERMINAL

FAN PCB

SYMBOL	DESCRIPTION
CN_DCLINK_YL	DC LINK 540 V
CN_INV_BK	INV BOARD COMMUNICATION TERMINAL
CN_FAN_UVW	POWER SUPPLY FOR FAN

EXTERNAL PCB

SYMBOL	DESCRIPTION
CN09_BL	MAIN BOARD COMM. TERMINAL
CN10_WH	AC POWER 220V IN
CN13_WH	HOT GAS VALVE
CN14_BK	4WAY VALVE
CN40_RD	ELECTRIC EXPANSION VALVE(MAIN)
CN47_WH	MAIN BOARD COMM. TERMINAL

NOISE FILTER

SYMBOL	DESCRIPTION
CN1	AC POWER 220 V
CN_IN_R, S, T, N	POWER INPUT TERMINAL
CN_INV_R, S, T	INV PCB POWER OUTPUT TERMINAL

INVERTER PCB

SYMBOL	DESCRIPTION
CN_DCLINK_FAN_YL	DC LINK 540 V
CN_COMM_IN_WH	COMMUNICATION INPUT TERMINAL
CN_COMM_OUT_RD	COMMUNICATION OUTPUT TERMINAL
CN_FAN_15V_YL	DC 15V OUTPUT TERMINAL
CN_AC_IN_BK	AC 220V INPUT TERMINAL
CN_AC_OUT_BK	AC 220V OUTPUT TERMINAL

Notes)

1. R S T N : Terminal Block, : Connector, : Grounding
2. When installation for field wiring, refer to the installation manual.

INFORMATION

- You need to buy a dedicated circuit separately.
- Factory Wiring
- Field Wiring
- Optional or Factory installed *

COLOR

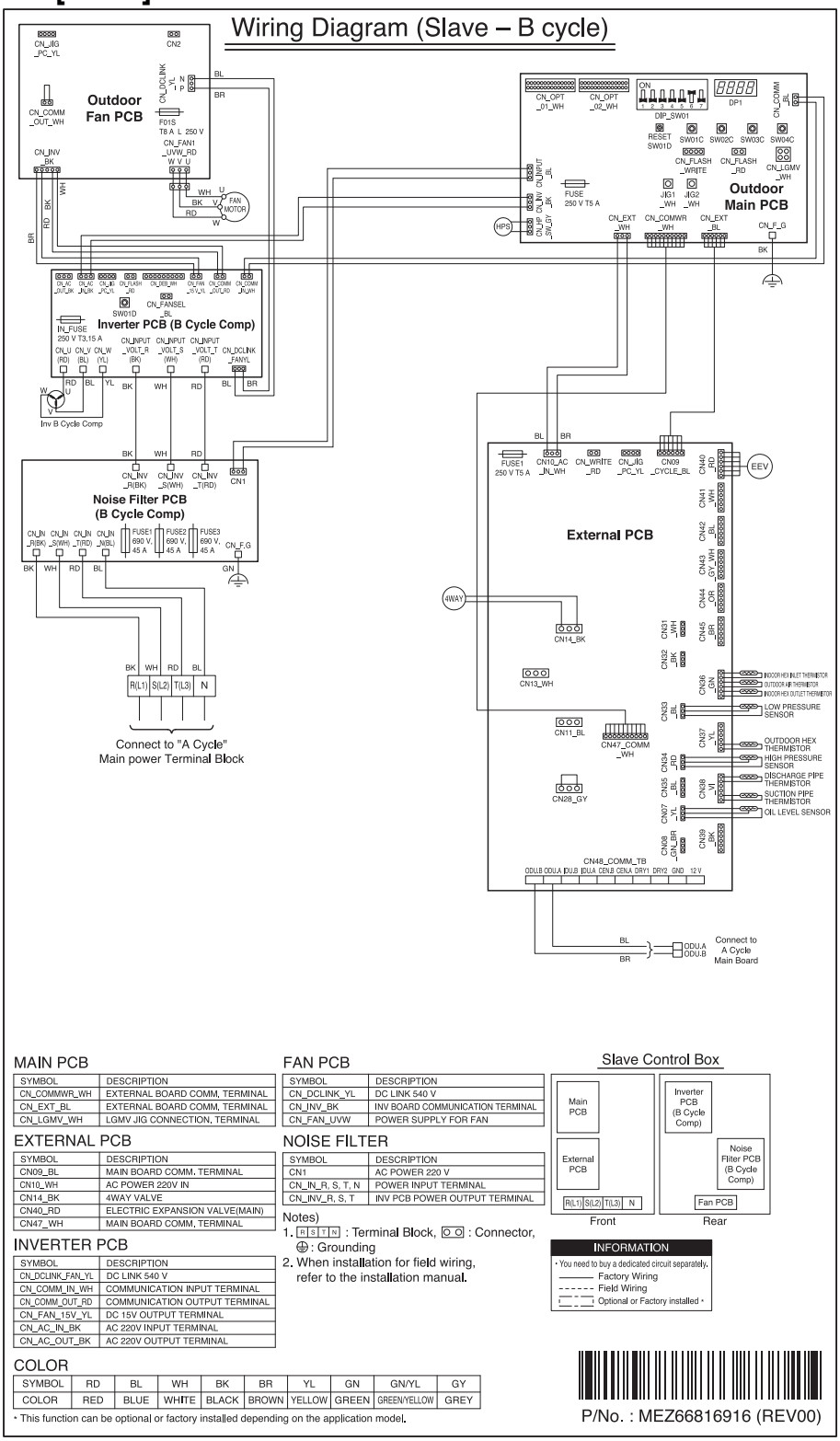
SYMBOL	RD	BL	WH	BK	BR	YL	GN	GN/YL	GY
COLOR	RED	BLUE	WHITE	BLACK	BROWN	YELLOW	GREEN	GREEN/YELLOW	GREY

* This function can be optional or factory installed depending on the application model.

P/No. : MEZ66816915 (REV00)

5. Wiring diagrams

■ AK-W180LH00 [Slave]



MAIN PCB

SYMBOL	DESCRIPTION
CN_COMMWR_WH	EXTERNAL BOARD COMM, TERMINAL
CN_EXT_BL	EXTERNAL BOARD COMM, TERMINAL
CN_LGMV_WH	LGMV JIG CONNECTION, TERMINAL

FAN PCB

SYMBOL	DESCRIPTION
CN_DCLINK_YL	DC LINK 540 V
CN_INV_BK	INV BOARD COMMUNICATION TERMINAL
CN_FAN_UVW	POWER SUPPLY FOR FAN

EXTERNAL PCB

SYMBOL	DESCRIPTION
CN09_BL	MAIN BOARD COMM. TERMINAL
CN10_WH	AC POWER 220V IN
CN14_BK	4WAY VALVE
CN40_RD	ELECTRIC EXPANSION VALVE(MAIN)
CN47_WH	MAIN BOARD COMM, TERMINAL

NOISE FILTER

SYMBOL	DESCRIPTION
CN1	AC POWER 220 V
CN_IN_R, S, T, N	POWER INPUT TERMINAL
CN_INV_R, S, T	INV PCB POWER OUTPUT TERMINAL

INVERTER PCB

SYMBOL	DESCRIPTION
CN_DCLINK_FAN_YL	DC LINK 540 V
CN_COMM_IN_WH	COMMUNICATION INPUT TERMINAL
CN_COMM_OUT_RD	COMMUNICATION OUTPUT TERMINAL
CN_FAN_15V_YL	DC 15V OUTPUT TERMINAL
CN_AC_IN_BK	AC 220V INPUT TERMINAL
CN_AC_OUT_BK	AC 220V OUTPUT TERMINAL

Notes)
1. R S T N : Terminal Block, ○○ : Connector, ⏚ : Grounding
2. When installation for field wiring, refer to the installation manual.

Slave Control Box

INFORMATION
- You need to buy a dedicated circuit separately.
- Factory Wiring
- Field Wiring
- Optional or Factory installed *

COLOR

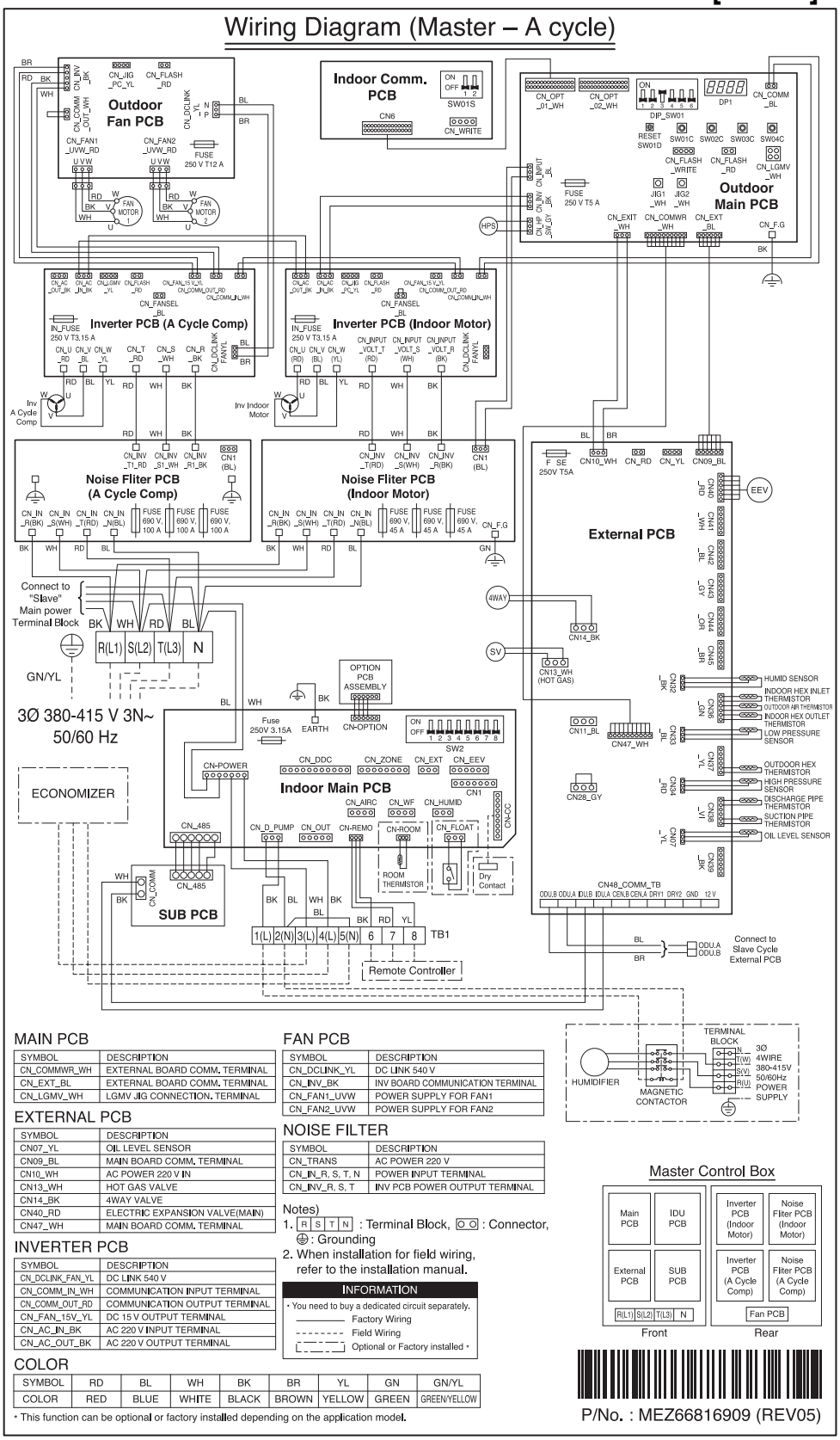
SYMBOL	RD	BL	WH	BK	BR	YL	GN	GN/YL	GY
COLOR	RED	BLUE	WHITE	BLACK	BROWN	YELLOW	GREEN	GREEN/YELLOW	GREY

* This function can be optional or factory installed depending on the application model.

P/No. : MEZ66816916 (REV00)

5. Wiring diagrams

■ AK-W240LC00 / AK-W300LC00 / AK-W240LH00 / AK-W300LH00 [Master]



MAIN PCB

SYMBOL	DESCRIPTION
CN_COMMWR_WH	EXTERNAL BOARD COMM. TERMINAL
CN_EXT_BL	EXTERNAL BOARD COMM. TERMINAL
CN_LGMV_WH	LGMV JIG CONNECTION. TERMINAL

EXTERNAL PCB

SYMBOL	DESCRIPTION
CN07_YL	OIL LEVEL SENSOR
CN09_BL	MAIN BOARD COMM. TERMINAL
CN10_WH	AC POWER 220 V IN
CN13_WH	HOT GAS VALVE
CN14_BK	4WAY VALVE
CN40_RD	ELECTRIC EXPANSION VALVE(MAIN)
CN47_WH	MAIN BOARD COMM. TERMINAL

INVERTER PCB

SYMBOL	DESCRIPTION
CN_DCLINK_FAN_YL	DC LINK 540 V
CN_COMM_IN_WH	COMMUNICATION INPUT TERMINAL
CN_COMM_OUT_RD	COMMUNICATION OUTPUT TERMINAL
CN_FAN_15V_YL	DC 15 V OUTPUT TERMINAL
CN_AC_IN_BK	AC 220 V INPUT TERMINAL
CN_AC_OUT_BK	AC 220 V OUTPUT TERMINAL

FAN PCB

SYMBOL	DESCRIPTION
CN_DCLINK_YL	DC LINK 540 V
CN_INV_BK	INV BOARD COMMUNICATION TERMINAL
CN_FAN1_UVW	POWER SUPPLY FOR FAN1
CN_FAN2_UVW	POWER SUPPLY FOR FAN2

NOISE FILTER

SYMBOL	DESCRIPTION
CN_TRANS	AC POWER 220 V
CN_IN_R, S, T, N	POWER INPUT TERMINAL
CN_INV_R, S, T	INV PCB POWER OUTPUT TERMINAL

Notes)

1. R S T N : Terminal Block, ○○ : Connector, ⏚ : Grounding
2. When installation for field wiring, refer to the installation manual.

INFORMATION

- You need to buy a dedicated circuit separately.
- ——— Factory Wiring
- - - - - - - - - Field Wiring
- [- - - -] Optional or Factory installed *

COLOR

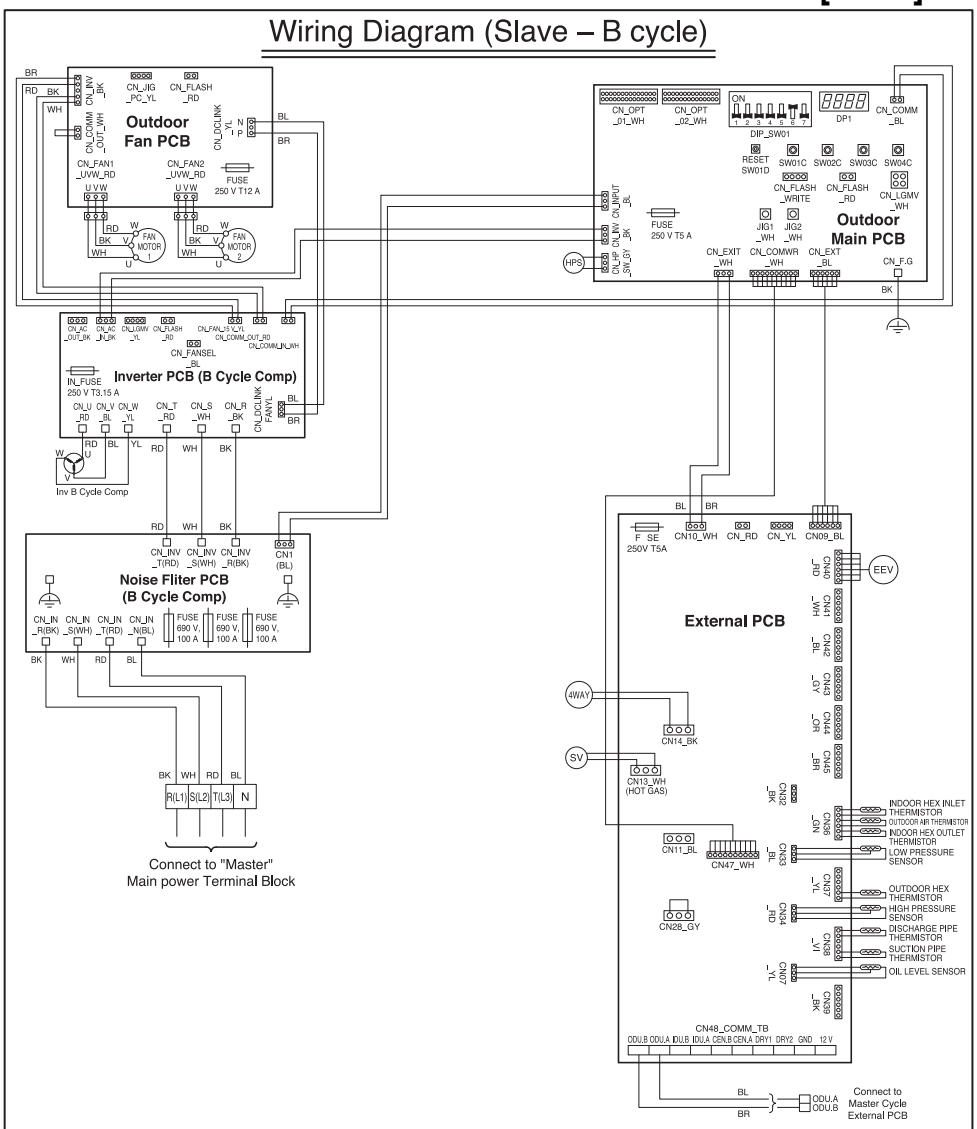
SYMBOL	RD	BL	WH	BK	BR	YL	GN	GN/YL
COLOR	RED	BLUE	WHITE	BLACK	BROWN	YELLOW	GREEN	GREEN/YELLOW

* This function can be optional or factory installed depending on the application model.

P/No. : MEZ66816909 (REV05)

5. Wiring diagrams

■ AK-W240LC00 / AK-W300LC00 / AK-W240LH00 / AK-W300LH00[Slave]



MAIN PCB

SYMBOL	DESCRIPTION
CN_OPT_03_WH	IDU COMM BOARD COMM. TERMINAL
CN_COMMWR_WH	EXTERNAL BOARD COMM. TERMINAL
CN_EXT_BL	EXTERNAL BOARD COMM. TERMINAL
CN_LGMV_WH	LGMV JIG CONNECTION. TERMINAL

FAN PCB

SYMBOL	DESCRIPTION
CN_DCLINK_YL	DC LINK 540 V
CN_INV_BK	INV BOARD COMMUNICATION TERMINAL
CN_FAN1_UVW	POWER SUPPLY FOR FAN1
CN_FAN2_UVW	POWER SUPPLY FOR FAN2

EXTERNAL PCB

SYMBOL	DESCRIPTION
CN09_BL	MAIN BOARD COMM. TERMINAL
CN10_WH	AC POWER 220 V IN
CN13_WH	HOT GAS VALVE
CN14_BK	4WAY VALVE
CN32_BK	HUMID SENSOR
CN40_RD	ELECTRIC EXPANSION VALVE(MAIN)
CN47_WH	MAIN BOARD COMM. TERMINAL

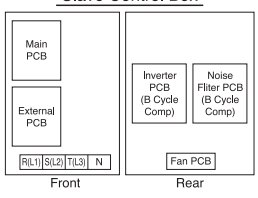
NOISE FILTER

SYMBOL	DESCRIPTION
CN_TRANS	AC POWER 220 V
CN_IN_R, S, T, N	POWER INPUT TERMINAL
CN_INV_R, S, T	INV PCB POWER OUTPUT TERMINAL

INVERTER PCB

SYMBOL	DESCRIPTION
CN_DCLINK_FAN_YL	DC LINK 540 V
CN_COMM_IN_WH	COMMUNICATION INPUT TERMINAL
CN_COMM_OUT_RD	COMMUNICATION OUTPUT TERMINAL
CN_FAN_15V_YL	DC 15 V OUTPUT TERMINAL
CN_AC_IN_BK	AC 220 V INPUT TERMINAL
CN_AC_OUT_BK	AC 220 V OUTPUT TERMINAL

Slave Control Box



Notes)

1. R S T N : Terminal Block, ⊙⊙ : Connector, ⏚ : Grounding
2. When installation for field wiring, refer to the installation manual.

INFORMATION

- You need to buy a dedicated circuit separately.
- ———— Factory Wiring
- - - - - - - - Field Wiring
- [- - -] Optional or Factory installed *

COLOR

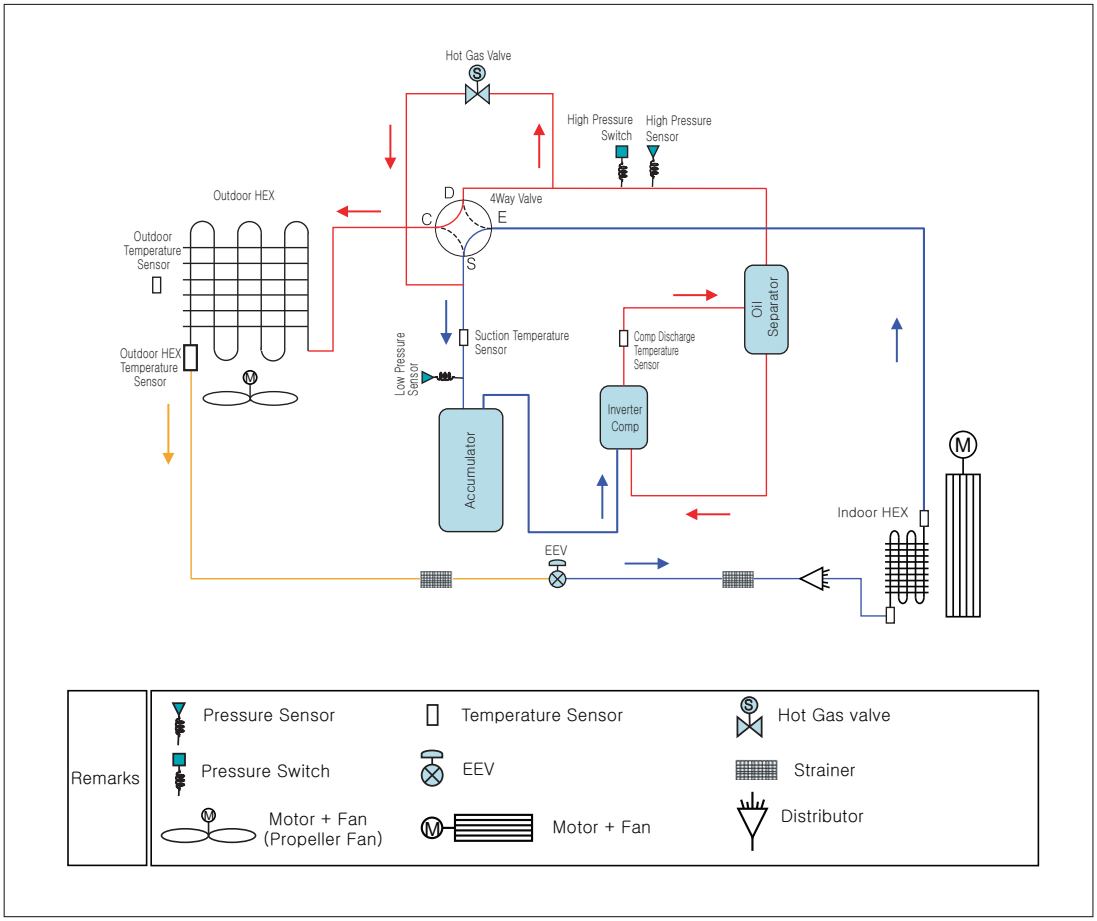
SYMBOL	RD	BL	WH	BK	BR	YL	GN	GN/YL
COLOR	RED	BLUE	WHITE	BLACK	BROWN	YELLOW	GREEN	GREEN/YELLOW

* This function can be optional or factory installed depending on the application model.

P/No. : MEZ66816910 (REV04)

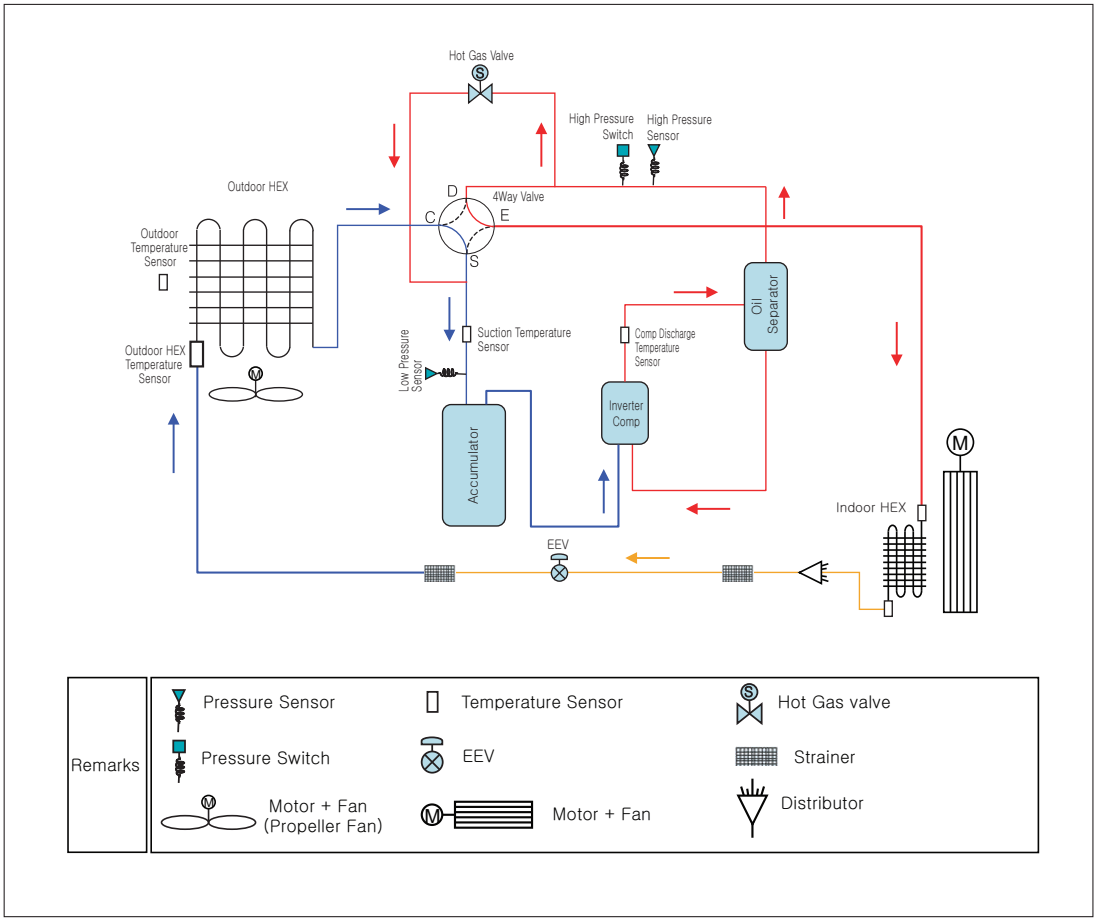
6. Piping diagrams

■ 7.5 / 10 RT[Cooling]



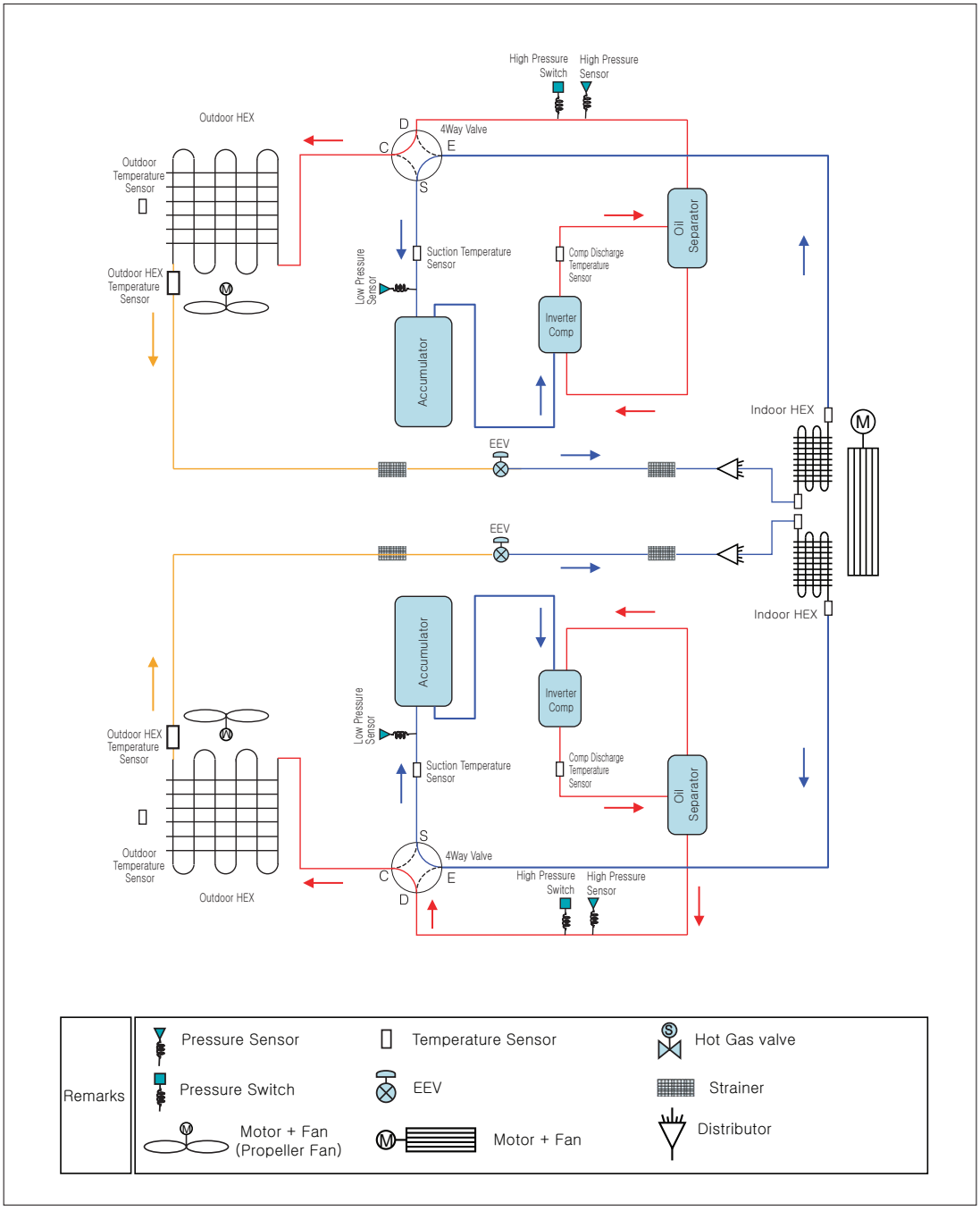
6. Piping diagrams

■ 7.5 / 10 RT[Heating]



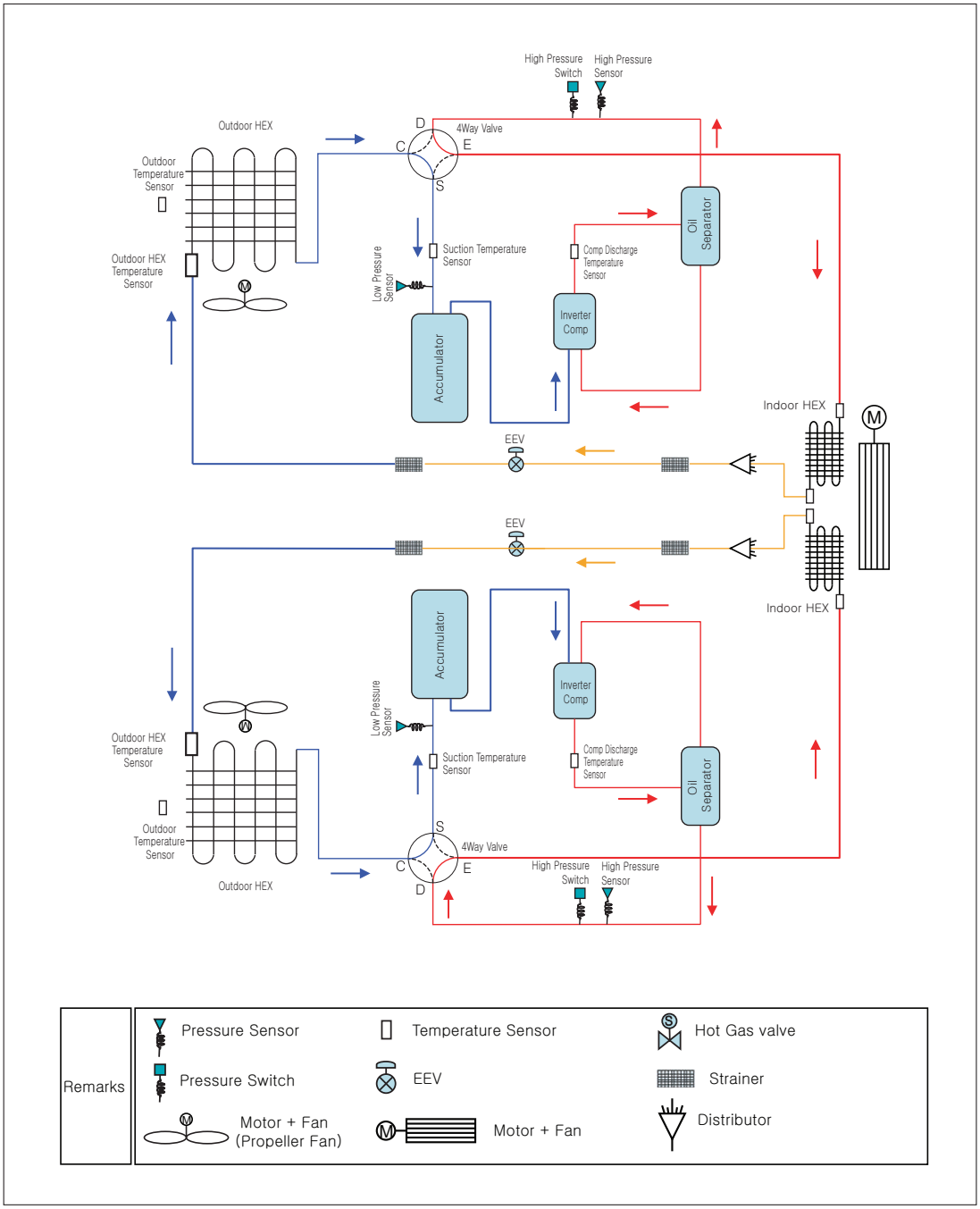
6. Piping diagrams

■ 15 RT[Cooling]



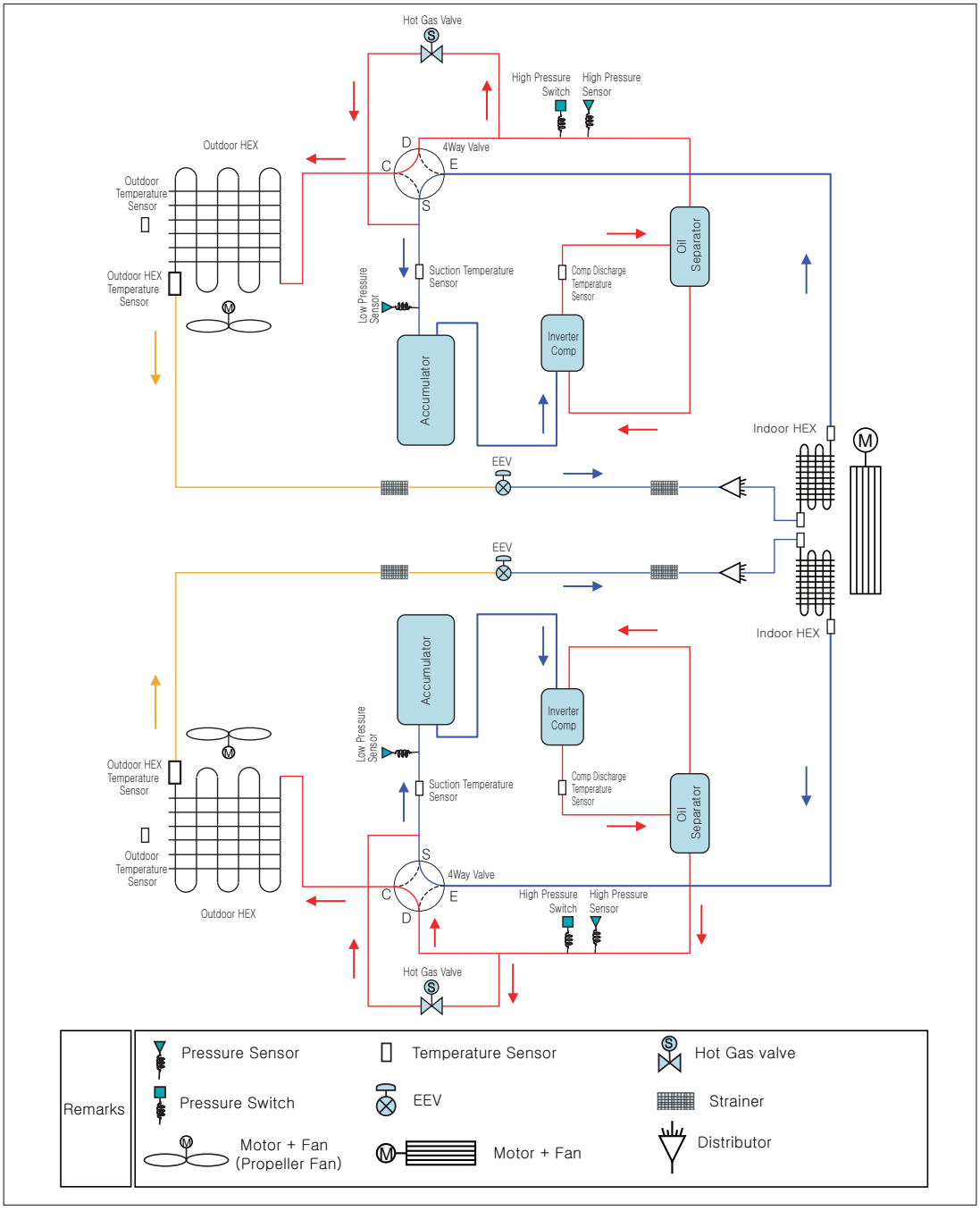
6. Piping diagrams

■ 15 RT[Heating]



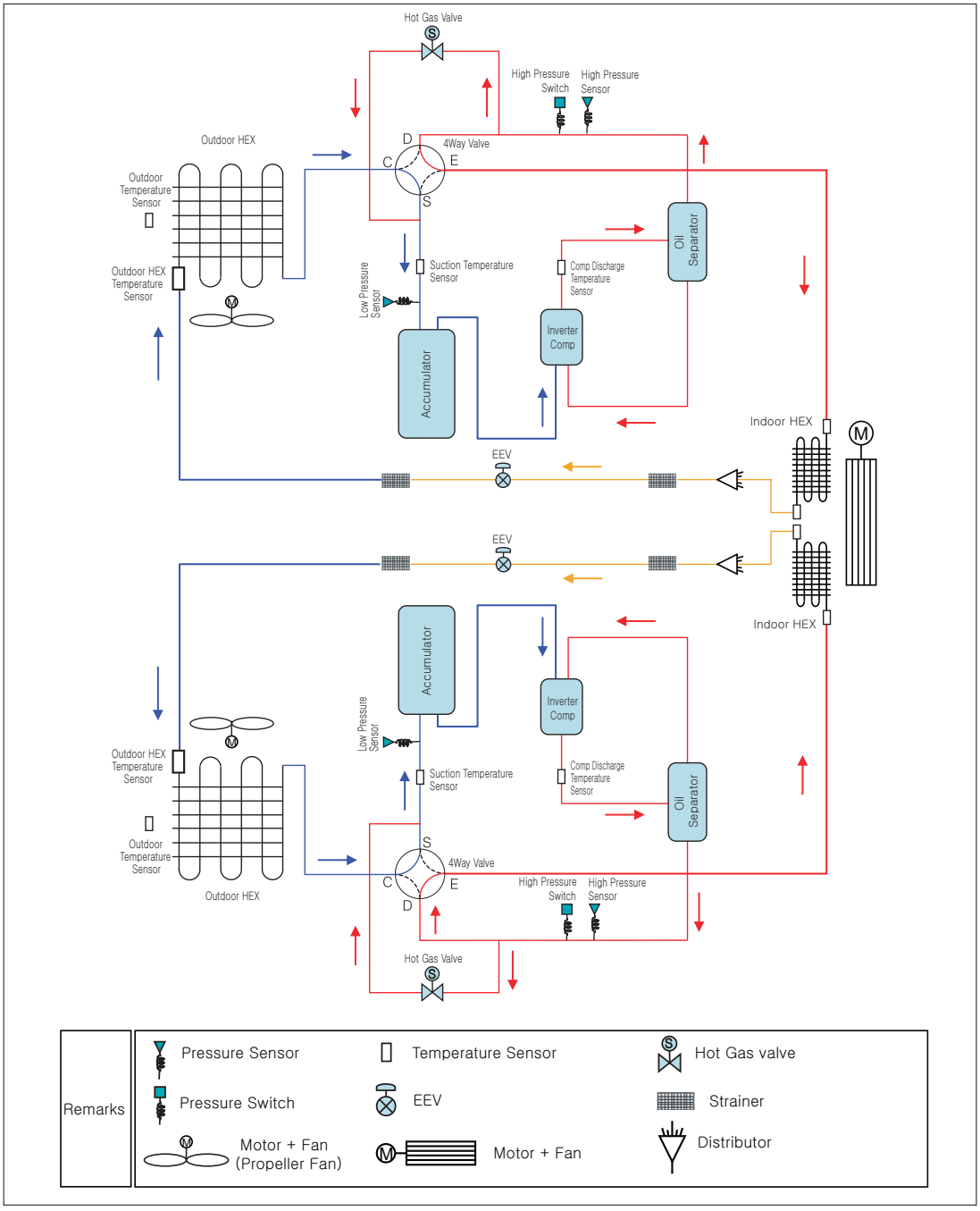
6. Piping diagrams

■ 20 / 25 RT[Cooling]



6. Piping diagrams

■ 20 / 25 RT[Heating]



7. Capacity Tables

7.1 Cooling Capacity

◆ 7.5RT AK-W090LH00 (SI)

Outdoor Ambient Temp. (°CDB)			27.5			35.0			40.0			46.0			54.0		
Air Flow Rate	Indoor Ambient Temp.		TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
(ℓ/s)	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1,133	23.9	16.1	22.36	16.91	3.48	22.36	19.50	6.39	22.36	19.09	7.82	18.71	16.18	7.01	14.74	13.87	6.72
		19.4	24.72	12.71	3.59	24.72	14.66	6.59	24.72	14.36	8.07	20.69	12.17	7.23	16.29	10.43	6.93
		22.8	26.57	5.66	3.65	26.57	6.53	6.71	26.57	6.39	8.21	22.24	5.42	7.37	17.52	4.64	7.06
	26.7	16.1	23.32	19.37	3.49	23.32	22.34	6.41	23.32	21.87	7.84	19.52	18.54	7.03	15.38	15.34	6.74
		19.4	25.16	16.03	3.60	25.16	18.48	6.61	25.16	18.10	8.09	21.06	15.34	7.26	16.59	13.15	6.95
		22.8	26.58	10.45	3.67	26.58	12.05	6.73	26.58	11.80	8.24	22.25	10.00	7.39	17.53	8.58	7.08
	29.4	16.1	24.20	21.24	3.50	24.20	24.15	6.43	24.20	23.99	7.87	20.26	20.22	7.06	15.96	15.92	6.76
		19.4	25.52	19.18	3.61	25.52	22.11	6.63	25.52	21.66	8.11	21.36	18.35	7.28	16.82	15.73	6.97
		22.8	26.51	14.49	3.68	26.51	16.71	6.75	26.51	16.36	8.26	22.19	13.87	7.41	17.48	11.89	7.10
	32.2	16.1	25.00	22.44	3.51	25.00	24.95	6.45	25.00	24.95	7.89	20.93	20.88	7.08	16.48	16.45	6.78
		19.4	25.80	21.40	3.62	25.80	24.67	6.65	25.80	24.16	8.14	21.59	20.48	7.30	17.01	16.97	6.99
		22.8	26.35	17.73	3.69	26.35	20.44	6.77	26.35	20.02	8.29	22.05	16.97	7.43	17.37	14.54	7.12
1,275	23.9	16.1	23.29	18.64	3.51	23.29	21.49	6.44	23.29	21.05	7.89	19.49	17.84	7.08	15.35	15.29	6.78
		19.4	25.75	14.02	3.62	25.75	16.16	6.65	25.75	15.83	8.14	21.55	13.41	7.30	16.97	11.50	6.99
		22.8	27.68	6.24	3.69	27.68	7.19	6.77	27.68	7.04	8.29	23.17	5.97	7.43	18.25	5.12	7.12
	26.7	16.1	24.30	21.35	3.52	24.30	24.25	6.46	24.30	24.11	7.91	20.34	20.30	7.10	16.02	15.99	6.80
		19.4	26.21	17.66	3.63	26.21	20.37	6.67	26.21	19.95	8.16	21.94	16.90	7.32	17.28	14.49	7.01
		22.8	27.69	11.52	3.70	27.69	13.29	6.79	27.69	13.01	8.31	23.18	11.03	7.46	18.26	9.45	7.14
	29.4	16.1	25.22	23.41	3.53	25.22	25.16	6.48	25.22	25.16	7.94	21.11	21.06	7.12	16.62	16.59	6.82
		19.4	26.59	21.14	3.64	26.59	24.37	6.69	26.59	23.87	8.19	22.25	20.23	7.34	17.53	17.34	7.04
		22.8	27.62	15.97	3.71	27.62	18.42	6.81	27.62	18.04	8.34	23.12	15.28	7.48	18.21	13.10	7.17
	32.2	16.1	26.04	24.74	3.54	26.04	25.99	6.50	26.04	25.99	7.96	21.80	21.76	7.14	17.17	17.14	6.84
		19.4	26.87	23.58	3.65	26.87	26.82	6.71	26.87	26.63	8.21	22.49	22.45	7.36	17.72	17.68	7.06
		22.8	27.45	19.54	3.72	27.45	22.53	6.83	27.45	22.07	8.36	22.98	18.70	7.50	18.10	16.03	7.19
1,416	23.9	16.1	23.99	20.29	3.55	23.99	23.39	6.51	23.99	22.91	7.97	20.08	19.41	7.15	15.82	15.78	6.85
		19.4	26.52	15.26	3.66	26.52	17.59	6.72	26.52	17.23	8.22	22.20	14.60	7.38	17.48	12.52	7.07
		22.8	28.51	6.79	3.73	28.51	7.83	6.84	28.51	7.67	8.38	23.87	6.50	7.51	18.80	5.57	7.20
	26.7	16.1	25.03	23.24	3.56	25.03	24.98	6.53	25.03	24.98	8.00	20.95	20.91	7.17	16.50	16.47	6.87
		19.4	27.00	19.22	3.67	27.00	22.17	6.74	27.00	21.71	8.25	22.60	18.40	7.40	17.80	15.77	7.09
		22.8	28.53	12.54	3.74	28.53	14.46	6.86	28.53	14.16	8.40	23.88	12.00	7.54	18.81	10.29	7.22
	29.4	16.1	25.97	25.48	3.57	25.97	25.92	6.55	25.97	25.92	8.02	21.74	21.70	7.19	17.12	17.09	6.89
		19.4	27.39	23.01	3.68	27.39	26.53	6.76	27.39	25.98	8.27	22.93	22.02	7.42	18.06	18.02	7.11
		22.8	28.45	17.38	3.75	28.45	20.04	6.88	28.45	19.63	8.43	23.81	16.63	7.56	18.75	14.26	7.24
	32.2	16.1	26.83	26.77	3.58	26.83	26.77	6.57	26.83	26.77	8.04	22.46	22.41	7.22	17.69	17.65	6.91
		19.4	27.68	25.67	3.69	27.68	27.63	6.78	27.68	27.63	8.30	23.17	23.13	7.44	18.25	18.21	7.13
		22.8	28.27	21.27	3.76	28.27	24.53	6.91	28.27	24.02	8.45	23.67	20.35	7.58	18.64	17.45	7.26
1,558	23.9	16.1	24.45	21.71	3.57	24.45	24.40	6.55	24.45	24.40	8.02	20.46	20.42	7.19	16.12	16.08	6.89
		19.4	27.02	16.33	3.68	27.02	18.83	6.76	27.02	18.44	8.27	22.62	15.63	7.42	17.82	13.40	7.11
		22.8	29.05	7.27	3.75	29.05	8.38	6.88	29.05	8.21	8.42	24.32	6.95	7.55	19.15	5.96	7.24
	26.7	16.1	25.50	24.87	3.58	25.50	25.45	6.57	25.50	25.45	8.04	21.35	21.31	7.21	16.81	16.78	6.91
		19.4	27.51	20.57	3.69	27.51	23.72	6.78	27.51	23.23	8.30	23.03	19.69	7.44	18.14	16.88	7.13
		22.8	29.07	13.42	3.76	29.07	15.48	6.90	29.07	15.16	8.45	24.33	12.84	7.58	19.16	11.01	7.26
	29.4	16.1	26.47	26.42	3.59	26.47	26.42	6.59	26.47	26.42	8.07	22.15	22.11	7.23	17.45	17.41	6.93
		19.4	27.91	24.63	3.70	27.91	27.85	6.80	27.91	27.81	8.32	23.36	23.31	7.46	18.40	18.36	7.15
		22.8	28.99	18.60	3.77	28.99	21.45	6.92	28.99	21.01	8.47	24.26	17.80	7.60	19.11	15.26	7.28
	32.2	16.1	27.33	27.28	3.60	27.33	27.28	6.61	27.33	27.28	8.09	22.88	22.83	7.26	18.02	17.98	6.95
		19.4	28.21	27.47	3.71	28.21	28.15	6.82	28.21	28.15	8.34	23.61	23.56	7.48	18.60	18.56	7.17
		22.8	28.81	22.77	3.78	28.81	26.25	6.94	28.81	25.71	8.50	24.12	21.79	7.62	18.99	18.68	7.30
1,699	23.9	16.1	24.67	22.99	3.59	24.67	24.62	6.59	24.67	24.62	8.06	20.65	20.61	7.23	16.26	16.23	6.93
		19.4	27.27	17.29	3.70	27.27	19.94	6.79	27.27	19.52	8.32	22.83	16.55	7.46	17.98	14.18	7.15
		22.8	29.32	7.69	3.77	29.32	8.87	6.92	29.32	8.69	8.47	24.54	7.36	7.60	19.33	6.31	7.28
	26.7	16.1	25.74	25.68	3.60	25.74	25.68	6.61	25.74	25.68	8.09	21.54	21.50	7.25	16.97	16.93	6.95
		19.4	27.76	21.79	3.71	27.76	25.12	6.81	27.76	24.60	8.34	23.24	20.85	7.48	18.30	17.87	7.17
		22.8	29.33	14.21	3.78	29.33	16.39	6.94	29.33	16.05	8.50	24.55	13.60	7.62	19.34	11.66	7.30
	29.4	16.1	26.71	26.65	3.61	26.71	26.65	6.63	26.71	26.65	8.11	22.36	22.31	7.27	17.61	17.57	6.97
		19.4	28.16	26.08	3.72	28.16	28.10	6.83	28.16	28.10	8.37	23.57	23.52	7.50	18.57	18.53	7.19
		22.8	29.25	19.70	3.79	29.25	22.72	6.96	29.25	22.25	8.52	24.48	18.85	7.64	19.28	16.16	7.32
	32.2	16.1	27.58	27.53	3.62	27.58	27.53	6.65	27.58	27.53	8.13	23.09	23.04	7.30	18.18	18.15	6.99
		19.4	28.46	28.41	3.73	28.46	28.41	6.85	28.46	28.41	8.39	23.82	23.78	7.53	18.76	18.73	7.21
		22.8	29.07	24.11	3.80	29.07	27.80	6.98	29.07	27.22	8.55	24.34	23.07	7.67	19.17	19.13	7.34

Note

1. DB : Dry bulb temperature(℃), WB : Wet bulb temperature(℃), l/s : Liters per second
2. TGC : Total Gross Cooling Capacity(kW), SHC : Sensible Heating Capacity(kW)
   PI : Power Input (kW, Compressor + outdoor fan power input)
3. All capacities and power input values are gross values. A deduction (cooling mode) of Capacity due to operating heat of indoor unit motor is not reflected.
   - Net Cooling Capacity = TGC - Fan motor heat (Refer to the Fan performance data)
4. Direct interpolation is permissible. Do not extrapolate.
5. Rated capacities and power inputs are based on standard conditions(ambient temperature, etc). Except for rated value, the performance is not guaranteed. In accordance with the test standard(or nations), the rating could be varied slightly.
6. The rated capacity at the outdoor temperature of 27.5 ℃DB is the same as that at IEER B test condition.
   The rated capacity at the outdoor temeprature of 35.0 ℃DB is the same as that at IEER A test condition.

7. Capacity Tables

◆ 7.5RT AK-W090LH00 (English)

Outdoor Ambient Temp. (°FDB)			81.5			95.0			104.0			114.8			129.2		
Air Flow Rate (CFM)	Indoor Ambient Temp. °FDB	°FWB	TGC MBH	SHC MBH	PI kW	TGC MBH	SHC MBH	PI kW	TGC MBH	SHC MBH	PI kW	TGC MBH	SHC MBH	PI kW	TGC MBH	SHC MBH	PI kW
2,400	75	61	76.14	57.59	3.48	76.14	66.41	6.39	76.14	65.03	7.82	63.73	55.11	7.01	50.20	47.25	6.72
		67	84.18	43.31	3.59	84.18	49.94	6.59	84.18	48.90	8.07	70.46	41.44	7.23	55.50	35.53	6.93
		73	90.50	19.28	3.65	90.50	22.23	6.71	90.50	21.77	8.21	75.75	18.45	7.37	59.66	15.81	7.06
	80	61	79.44	65.97	3.49	79.44	76.07	6.41	79.44	74.50	7.84	66.49	63.13	7.03	52.37	52.26	6.74
		67	85.69	54.58	3.60	85.69	62.94	6.61	85.69	61.63	8.09	71.72	52.23	7.26	56.49	44.78	6.95
		73	90.54	35.61	3.67	90.54	41.06	6.73	90.54	40.21	8.24	75.79	34.07	7.39	59.69	29.21	7.08
	85	61	82.43	72.35	3.50	82.43	82.27	6.43	82.43	81.70	7.87	69.00	68.86	7.06	54.34	54.24	6.76
		67	86.92	65.32	3.61	86.92	75.32	6.63	86.92	73.76	8.11	72.76	62.51	7.28	57.30	53.59	6.97
		73	90.29	49.36	3.68	90.29	56.91	6.75	90.29	55.73	8.26	75.57	47.23	7.41	59.52	40.49	7.10
	90	61	85.15	76.44	3.51	85.15	84.98	6.45	85.15	84.98	7.89	71.27	71.13	7.08	56.13	56.02	6.78
		67	87.86	72.87	3.62	87.86	84.03	6.65	87.86	82.29	8.14	73.54	69.74	7.30	57.92	57.81	6.99
		73	89.73	60.38	3.69	89.73	69.63	6.77	89.73	68.18	8.29	75.11	57.78	7.43	59.16	49.54	7.12
2,700	75	61	79.32	63.49	3.51	79.32	73.20	6.44	79.32	71.69	7.89	66.40	60.75	7.08	52.30	52.08	6.78
		67	87.69	47.74	3.62	87.69	55.05	6.65	87.69	53.91	8.14	73.40	45.69	7.30	57.81	39.17	6.99
		73	94.28	21.24	3.69	94.28	24.49	6.77	94.28	23.98	8.29	78.91	20.33	7.43	62.15	17.42	7.12
	80	61	82.75	72.72	3.52	82.75	82.59	6.46	82.75	82.11	7.91	69.27	69.13	7.10	54.56	54.45	6.80
		67	89.27	60.16	3.63	89.27	69.37	6.67	89.27	67.93	8.16	74.73	57.57	7.32	58.86	49.35	7.01
		73	94.32	39.25	3.70	94.32	45.25	6.79	94.32	44.32	8.31	78.95	37.56	7.46	62.18	32.20	7.14
	85	61	85.88	79.75	3.53	85.88	85.71	6.48	85.88	85.71	7.94	71.89	71.74	7.12	56.62	56.50	6.82
		67	90.55	72.00	3.64	90.55	83.02	6.69	90.55	81.30	8.19	75.80	68.90	7.34	59.70	59.06	7.04
		73	94.06	54.40	3.71	94.06	62.72	6.81	94.06	61.43	8.34	78.73	52.06	7.48	62.01	44.63	7.17
	90	61	88.70	84.25	3.54	88.70	88.53	6.50	88.70	88.53	7.96	74.25	74.10	7.14	58.48	58.36	6.84
		67	91.53	80.33	3.65	91.53	91.34	6.71	91.53	90.70	8.21	76.61	76.46	7.36	60.34	60.22	7.06
		73	93.49	66.56	3.72	93.49	76.75	6.83	93.49	75.16	8.36	78.25	63.70	7.50	61.63	54.61	7.19
3,000	75	61	81.71	69.09	3.55	81.71	79.67	6.51	81.71	78.02	7.97	68.39	66.12	7.15	53.87	53.76	6.85
		67	90.33	51.96	3.66	90.33	59.92	6.72	90.33	58.68	8.22	75.61	49.72	7.38	59.55	42.63	7.07
		73	97.12	23.13	3.73	97.12	26.67	6.84	97.12	26.11	8.38	81.29	22.13	7.51	64.03	18.97	7.20
	80	61	85.25	79.15	3.56	85.25	85.08	6.53	85.25	85.08	8.00	71.35	71.21	7.17	56.20	56.09	6.87
		67	91.96	65.48	3.67	91.96	75.50	6.74	91.96	73.94	8.25	76.97	62.66	7.40	60.63	53.71	7.09
		73	97.16	42.72	3.74	97.16	49.26	6.86	97.16	48.24	8.40	81.33	40.88	7.54	64.06	35.04	7.22
	85	61	88.47	86.79	3.57	88.47	88.29	6.55	88.47	88.29	8.02	74.05	73.90	7.19	58.32	58.21	6.89
		67	93.28	78.36	3.68	93.28	90.36	6.76	93.28	88.49	8.27	78.08	74.99	7.42	61.50	61.38	7.11
		73	96.89	59.20	3.75	96.89	68.27	6.88	96.89	66.85	8.43	81.10	56.65	7.56	63.88	48.57	7.24
	90	61	91.37	91.19	3.58	91.37	91.19	6.57	91.37	91.19	8.04	76.48	76.33	7.22	60.24	60.12	6.91
		67	94.29	87.42	3.69	94.29	94.10	6.78	94.29	94.10	8.30	78.92	78.76	7.44	62.16	62.03	7.13
		73	96.30	72.44	3.76	96.30	83.53	6.91	96.30	81.80	8.45	80.61	69.32	7.58	63.49	59.43	7.26
3,300	75	61	83.26	73.95	3.57	83.26	83.09	6.55	83.26	83.09	8.02	69.69	69.55	7.19	54.89	54.78	6.89
		67	92.04	55.61	3.68	92.04	64.13	6.76	92.04	62.80	8.27	77.04	53.22	7.42	60.68	45.62	7.11
		73	98.96	24.75	3.75	98.96	28.54	6.88	98.96	27.95	8.42	82.83	23.68	7.55	65.24	20.30	7.24
	80	61	86.87	84.70	3.58	86.87	86.69	6.57	86.87	86.69	8.04	72.71	72.56	7.21	57.27	57.15	6.91
		67	93.71	70.07	3.69	93.71	80.80	6.78	93.71	79.13	8.30	78.44	67.06	7.44	61.78	57.48	7.13
		73	99.00	45.72	3.76	99.00	52.71	6.90	99.00	51.62	8.45	82.87	43.75	7.58	65.27	37.50	7.26
	85	61	90.15	89.97	3.59	90.15	89.97	6.59	90.15	89.97	8.07	75.46	75.31	7.23	59.43	59.31	6.93
		67	95.05	83.87	3.70	95.05	94.86	6.80	95.05	94.71	8.32	79.56	79.40	7.46	62.66	62.54	7.15
		73	98.73	63.37	3.77	98.73	73.07	6.92	98.73	71.56	8.47	82.64	60.64	7.60	65.09	51.98	7.28
	90	61	93.10	92.91	3.60	93.10	92.91	6.61	93.10	92.91	8.09	77.93	77.77	7.26	61.38	61.25	6.95
		67	96.07	93.56	3.71	96.07	95.88	6.82	96.07	95.88	8.34	80.41	80.25	7.48	63.34	63.21	7.17
		73	98.13	77.54	3.78	98.13	89.41	6.94	98.13	87.55	8.50	82.14	74.20	7.62	64.69	63.61	7.30
3,600	75	61	84.01	78.31	3.59	84.01	83.85	6.59	84.01	83.85	8.06	70.32	70.18	7.23	55.39	55.28	6.93
		67	92.88	58.89	3.70	92.88	67.90	6.79	92.88	66.50	8.32	77.74	56.35	7.46	61.23	48.31	7.15
		73	99.86	26.20	3.77	99.86	30.21	6.92	99.86	29.59	8.47	83.59	25.08	7.60	65.83	21.50	7.28
	80	61	87.66	87.48	3.60	87.66	87.48	6.61	87.66	87.48	8.09	73.37	73.22	7.25	57.79	57.67	6.95
		67	94.55	74.21	3.71	94.55	85.57	6.81	94.55	83.80	8.34	79.14	71.02	7.48	62.34	60.88	7.17
		73	99.91	48.41	3.78	99.91	55.82	6.94	99.91	54.67	8.50	83.62	46.33	7.62	65.86	39.72	7.30
	85	61	90.97	90.78	3.61	90.97	90.78	6.63	90.97	90.78	8.11	76.14	75.99	7.27	59.97	59.85	6.97
		67	95.91	88.81	3.72	95.91	95.72	6.83	95.91	95.72	8.37	80.28	80.12	7.50	63.23	63.11	7.19
		73	99.63	67.10	3.79	99.63	77.37	6.96	99.63	75.77	8.52	83.39	64.21	7.64	65.68	55.05	7.32
	90	61	93.95	93.76	3.62	93.95	93.76	6.65	93.95	93.76	8.13	78.64	78.48	7.30	61.93	61.81	6.99
		67	96.94	96.75	3.73	96.94	96.75	6.85	96.94	96.75	8.39	81.15	80.98	7.53	63.91	63.78	7.21
		73	99.02	82.11	3.80	99.02	94.68	6.98	99.02	92.72	8.55	82.89	78.57	7.67	65.28	65.15	7.34

Note

1. DB : Dry bulb temperature(°F), WB : Wet bulb temperature(°F), CFM : Cubic ft per minute
2. TGC : Total Gross Cooling Capacity(MBH = kBtu/h), SHC : Sensible Heating Capacity(MBH = kBtu/h)
   PI : Power Input (kW, Compressor + outdoor fan power input)
3. All capacities and power input values are gross values. A deduction (cooling mode) of Capacity due to operating heat of indoor unit motor is not reflected.
   - Net Cooling Capacity = TGC - Fan motor heat (Refer to the Fan performance data)
4. Direct interpolation is permissible. Do not extrapolate.
5. Rated capacities and power inputs are based on standard conditions(ambient temperature, etc). Except for rated value, the performance is not guaranteed. In accordance with the test standard(or nations), the rating could be varied slightly.
6. The rated capacity at the outdoor temperature of 81.5 °FDB is the same as that at IEER B test condition.
   The rated capacity at the outdoor temeprature of 95.0 °FDB is the same as that at IEER A test condition.

7. Capacity Tables

◆ 10RT AK-W120LH00 (SI)

Outdoor Ambient Temp. (°CDB)			27.5			35.0			40.0			46.0			54.0		
Air Flow Rate	Indoor Ambient Temp.		TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
(ℓ/s)	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1,511	23.9	16.1	29.15	22.57	4.72	29.15	26.04	8.68	29.15	25.51	10.63	24.43	21.64	9.53	19.21	18.53	9.14
		19.4	32.22	16.97	4.87	32.22	19.58	8.95	32.22	19.18	10.97	27.00	16.27	9.83	21.24	13.93	9.42
		22.8	34.64	7.55	4.96	34.64	8.72	9.12	34.64	8.54	11.17	29.03	7.24	10.02	22.83	6.20	9.60
	26.7	16.1	30.41	25.86	4.73	30.41	29.83	8.71	30.41	29.23	10.67	25.48	24.79	9.56	20.04	20.00	9.16
		19.4	32.80	21.39	4.88	32.80	24.68	8.98	32.80	24.18	11.00	27.49	20.51	9.87	21.62	17.56	9.45
		22.8	34.66	13.95	4.97	34.66	16.10	9.15	34.66	15.77	11.21	29.05	13.38	10.05	22.84	11.46	9.63
	29.4	16.1	31.55	28.36	4.75	31.55	31.49	8.73	31.55	31.49	10.70	26.44	26.39	9.59	20.80	20.75	9.19
		19.4	33.27	25.60	4.90	33.27	29.53	9.01	33.27	28.94	11.03	27.88	24.54	9.89	21.93	21.02	9.48
		22.8	34.56	19.34	4.99	34.56	22.31	9.18	34.56	21.86	11.24	28.96	18.55	10.08	22.78	15.88	9.66
	32.2	16.1	32.59	29.96	4.76	32.59	32.53	8.76	32.59	32.53	10.73	27.31	27.26	9.62	21.48	21.44	9.22
		19.4	33.63	28.56	4.91	33.63	32.95	9.04	33.63	32.28	11.07	28.18	27.38	9.92	22.17	22.12	9.51
		22.8	34.35	23.66	5.00	34.35	27.30	9.20	34.35	26.75	11.27	28.79	22.69	10.11	22.64	19.43	9.69
1,699	23.9	16.1	30.36	24.88	4.76	30.36	28.70	8.76	30.36	28.12	10.73	25.45	23.86	9.62	20.01	19.97	9.22
		19.4	33.57	18.71	4.91	33.57	21.59	9.03	33.57	21.15	11.07	28.13	17.94	9.92	22.12	15.36	9.51
		22.8	36.09	8.32	5.00	36.09	9.60	9.20	36.09	9.41	11.27	30.24	7.98	10.11	23.78	6.83	9.68
	26.7	16.1	31.68	28.50	4.78	31.68	31.61	8.79	31.68	31.61	10.76	26.55	26.49	9.65	20.88	20.84	9.25
		19.4	34.17	23.58	4.93	34.17	27.20	9.06	34.17	26.65	11.10	28.64	22.61	9.95	22.52	19.36	9.54
		22.8	36.10	15.38	5.02	36.10	17.74	9.23	36.10	17.39	11.31	30.26	14.75	10.14	23.80	12.63	9.71
	29.4	16.1	32.87	31.25	4.79	32.87	32.81	8.81	32.87	32.81	10.79	27.55	27.49	9.68	21.67	21.62	9.27
		19.4	34.66	28.22	4.94	34.66	32.55	9.09	34.66	31.89	11.13	29.05	27.05	9.98	22.85	22.80	9.57
		22.8	36.00	21.32	5.03	36.00	24.59	9.26	36.00	24.10	11.34	30.17	20.44	10.17	23.73	17.50	9.74
	32.2	16.1	33.95	33.02	4.80	33.95	33.89	8.84	33.95	33.89	10.83	28.46	28.40	9.71	22.38	22.33	9.30
		19.4	35.03	31.48	4.96	35.03	34.96	9.12	35.03	34.96	11.17	29.36	29.30	10.01	23.09	23.04	9.59
		22.8	35.78	26.09	5.05	35.78	30.09	9.29	35.78	29.49	11.37	29.99	25.01	10.20	23.59	21.42	9.77
1,888	23.9	16.1	31.28	27.08	4.81	31.28	31.21	8.85	31.28	30.61	10.84	26.21	25.96	9.72	20.61	20.57	9.32
		19.4	34.58	20.36	4.96	34.58	23.49	9.13	34.58	23.02	11.19	28.98	19.52	10.03	22.79	16.72	9.61
		22.8	37.17	9.06	5.06	37.17	10.46	9.30	37.17	10.24	11.39	31.15	8.69	10.21	24.50	7.44	9.79
	26.7	16.1	32.63	31.02	4.83	32.63	32.57	8.88	32.63	32.57	10.88	27.35	27.29	9.75	21.51	21.46	9.34
		19.4	35.20	25.66	4.98	35.20	29.60	9.16	35.20	29.00	11.22	29.50	24.60	10.06	23.20	21.07	9.64
		22.8	37.19	16.74	5.07	37.19	19.31	9.33	37.19	18.92	11.43	31.17	16.05	10.25	24.51	13.74	9.82
	29.4	16.1	33.86	33.79	4.84	33.86	33.79	8.91	33.86	33.79	10.91	28.38	28.32	9.78	22.32	22.27	9.37
		19.4	35.71	30.71	4.99	35.71	35.43	9.19	35.71	34.71	11.25	29.92	29.44	10.09	23.53	23.49	9.67
		22.8	37.09	23.20	5.09	37.09	26.77	9.36	37.09	26.23	11.46	31.08	22.25	10.28	24.44	19.05	9.85
	32.2	16.1	34.97	34.90	4.86	34.97	34.90	8.93	34.97	34.90	10.94	29.31	29.25	9.81	23.05	23.01	9.40
		19.4	36.09	34.26	5.01	36.09	36.02	9.21	36.09	36.02	11.29	30.25	30.19	10.12	23.79	23.74	9.70
		22.8	36.86	28.39	5.10	36.86	32.75	9.38	36.86	32.09	11.49	30.89	27.22	10.31	24.30	23.31	9.88
2,077	23.9	16.1	31.87	28.98	4.84	31.87	31.81	8.90	31.87	31.81	10.90	26.71	26.66	9.78	21.01	20.96	9.37
		19.4	35.23	21.80	4.99	35.23	25.14	9.18	35.23	24.64	11.25	29.53	20.90	10.08	23.22	17.89	9.66
		22.8	37.88	9.70	5.08	37.88	11.19	9.35	37.88	10.96	11.45	31.74	9.30	10.27	24.97	7.96	9.84
	26.7	16.1	33.25	33.18	4.85	33.25	33.18	8.93	33.25	33.18	10.94	27.87	27.81	9.81	21.91	21.87	9.40
		19.4	35.87	27.46	5.01	35.87	31.68	9.21	35.87	31.04	11.28	30.06	26.33	10.12	23.64	22.54	9.69
		22.8	37.90	17.92	5.10	37.90	20.67	9.38	37.90	20.25	11.49	31.76	17.18	10.30	24.98	14.71	9.87
	29.4	16.1	34.51	34.44	4.87	34.51	34.44	8.95	34.51	34.44	10.97	28.92	28.86	9.83	22.74	22.70	9.42
		19.4	36.38	32.87	5.02	36.38	36.31	9.24	36.38	36.31	11.31	30.49	30.43	10.14	23.98	23.93	9.72
		22.8	37.79	24.83	5.11	37.79	28.65	9.41	37.79	28.07	11.52	31.67	23.81	10.33	24.91	20.39	9.90
	32.2	16.1	35.64	35.57	4.88	35.64	35.57	8.98	35.64	35.57	11.00	29.87	29.81	9.86	23.49	23.44	9.45
		19.4	36.77	36.67	5.04	36.77	36.70	9.26	36.77	36.70	11.35	30.82	30.76	10.17	24.24	24.19	9.75
		22.8	37.56	30.39	5.13	37.56	35.06	9.44	37.56	34.35	11.56	31.48	29.13	10.36	24.76	24.71	9.93
2,266	23.9	16.1	32.16	30.69	4.87	32.16	32.09	8.95	32.16	32.09	10.96	26.95	26.90	9.83	21.20	21.15	9.42
		19.4	35.55	23.08	5.02	35.55	26.63	9.23	35.55	26.09	11.31	29.80	22.13	10.14	23.43	18.95	9.72
		22.8	38.22	10.27	5.11	38.22	11.85	9.40	38.22	11.61	11.52	32.03	9.85	10.33	25.19	8.43	9.90
	26.7	16.1	33.55	33.49	4.88	33.55	33.49	8.98	33.55	33.49	11.00	28.12	28.06	9.86	22.11	22.07	9.45
		19.4	36.19	29.08	5.04	36.19	33.55	9.26	36.19	32.87	11.34	30.33	27.89	10.17	23.85	23.81	9.75
		22.8	38.24	18.97	5.13	38.24	21.89	9.43	38.24	21.45	11.55	32.05	18.19	10.36	25.20	15.58	9.93
	29.4	16.1	34.82	34.75	4.90	34.82	34.75	9.00	34.82	34.75	11.03	29.18	29.12	9.89	22.95	22.90	9.48
		19.4	36.71	34.81	5.05	36.71	36.64	9.29	36.71	36.64	11.38	30.77	30.71	10.20	24.20	24.15	9.77
		22.8	38.14	26.30	5.14	38.14	30.34	9.46	38.14	29.72	11.59	31.96	25.21	10.39	25.13	21.59	9.96
	32.2	16.1	35.96	35.89	4.91	35.96	35.89	9.03	35.96	35.89	11.06	30.14	30.08	9.92	23.70	23.65	9.51
		19.4	37.11	37.03	5.06	37.11	37.03	9.32	37.11	37.03	11.41	31.10	31.04	10.23	24.46	24.41	9.80
		22.8	37.90	32.18	5.16	37.90	37.12	9.49	37.90	36.37	11.62	31.77	30.85	10.42	24.98	24.93	9.99

Note

1. DB : Dry bulb temperature(℃), WB : Wet bulb temperature(℃), l/s : Liters per second
2. TGC : Total Gross Cooling Capacity(kW), SHC : Sensible Heating Capacity(kW)
   PI : Power Input (kW, Compressor + outdoor fan power input)
3. All capacities and power input values are gross values. A deduction (cooling mode) of Capacity due to operating heat of indoor unit motor is not reflected.
   - Net Cooling Capacity = TGC - Fan motor heat (Refer to the Fan performance data)
4. Direct interpolation is permissible. Do not extrapolate.
5. Rated capacities and power inputs are based on standard conditions(ambient temperature, etc). Except for rated value, the performance is not guaranteed. In accordance with the test standard(or nations), the rating could be varied slightly.
6. The rated capacity at the outdoor temperature of 27.5 ℃DB is the same as that at IEER B test condition.
   The rated capacity at the outdoor temeprature of 35.0 ℃DB is the same as that at IEER A test condition.

7. Capacity Tables

◆ 10RT AK-W120LH00 (English)

Outdoor Ambient Temp. (°FDB)			81.5			95.0			104.0			114.8			129.2		
Air Flow Rate (CFM)	Indoor Ambient Temp. °FDB	°FWB	TGC MBH	SHC MBH	PI kW	TGC MBH	SHC MBH	PI kW	TGC MBH	SHC MBH	PI kW	TGC MBH	SHC MBH	PI kW	TGC MBH	SHC MBH	PI kW
3,200	75	61	99.36	76.95	4.72	99.36	88.77	8.68	99.36	86.97	10.63	83.27	73.78	9.53	65.49	63.17	9.14
		67	109.85	57.86	4.87	109.85	66.75	8.95	109.85	65.40	10.97	92.06	55.47	9.83	72.40	47.50	9.42
		73	118.09	25.75	4.96	118.09	29.71	9.12	118.09	29.11	11.17	98.97	24.69	10.02	77.83	21.14	9.60
	80	61	103.66	88.14	4.73	103.66	101.69	8.71	103.66	99.63	10.67	86.87	84.51	9.56	68.32	68.18	9.16
		67	111.82	72.92	4.88	111.82	84.13	8.98	111.82	82.43	11.00	93.71	69.92	9.87	73.70	59.86	9.45
		73	118.15	47.57	4.97	118.15	54.88	9.15	118.15	53.77	11.21	99.02	45.61	10.05	77.87	39.05	9.63
	85	61	107.57	96.67	4.75	107.57	107.35	8.73	107.57	107.35	10.70	90.15	89.97	9.59	70.90	70.76	9.19
		67	113.42	87.27	4.90	113.42	100.68	9.01	113.42	98.64	11.03	95.06	83.67	9.89	74.76	71.64	9.48
		73	117.82	65.94	4.99	117.82	76.07	9.18	117.82	74.54	11.24	98.74	63.22	10.08	77.65	54.13	9.66
	90	61	111.11	102.12	4.76	111.11	110.89	8.76	111.11	110.89	10.73	93.12	92.93	9.62	73.23	73.08	9.22
		67	114.65	97.37	4.91	114.65	112.32	9.04	114.65	110.05	11.07	96.08	93.35	9.92	75.56	75.41	9.51
		73	117.10	80.67	5.00	117.10	93.07	9.20	117.10	91.19	11.27	98.13	77.35	10.11	77.18	66.23	9.69
3,600	75	61	103.51	84.82	4.76	103.51	97.85	8.76	103.51	95.87	10.73	86.75	81.32	9.62	68.22	68.09	9.22
		67	114.43	63.79	4.91	114.43	73.59	9.03	114.43	72.10	11.07	95.90	61.16	9.92	75.42	52.37	9.51
		73	123.02	28.38	5.00	123.02	32.74	9.20	123.02	32.08	11.27	103.10	27.21	10.11	81.08	23.30	9.68
	80	61	107.99	97.16	4.78	107.99	107.77	8.79	107.99	107.77	10.76	90.50	90.32	9.65	71.17	71.03	9.25
		67	116.50	80.38	4.93	116.50	92.73	9.06	116.50	90.85	11.10	97.63	77.06	9.95	76.78	65.98	9.54
		73	123.08	52.44	5.02	123.08	60.49	9.23	123.08	59.27	11.31	103.15	50.27	10.14	81.12	43.05	9.71
	85	61	112.07	106.55	4.79	112.07	111.84	8.81	112.07	111.84	10.79	93.92	93.73	9.68	73.86	73.72	9.27
		67	118.16	96.19	4.94	118.16	110.97	9.09	118.16	108.73	11.13	99.03	92.23	9.98	77.88	77.73	9.57
		73	122.74	72.68	5.03	122.74	83.84	9.26	122.74	82.15	11.34	102.86	69.68	10.17	80.89	59.66	9.74
	90	61	115.75	112.57	4.80	115.75	115.52	8.84	115.75	115.52	10.83	97.01	96.81	9.71	76.29	76.14	9.30
		67	119.44	107.32	4.96	119.44	119.20	9.12	119.44	119.20	11.17	100.10	99.90	10.01	78.72	78.56	9.59
		73	121.99	88.93	5.05	121.99	102.60	9.29	121.99	100.52	11.37	102.24	85.27	10.20	80.40	73.01	9.77
4,000	75	61	106.62	92.31	4.81	106.62	106.41	8.85	106.62	104.34	10.84	89.35	88.50	9.72	70.27	70.13	9.32
		67	117.88	69.42	4.96	117.88	80.09	9.13	117.88	78.47	11.19	98.79	66.56	10.03	77.69	56.99	9.61
		73	126.73	30.90	5.06	126.73	35.64	9.30	126.73	34.92	11.39	106.21	29.62	10.21	83.53	25.36	9.79
	80	61	111.24	105.75	4.83	111.24	111.02	8.88	111.24	111.02	10.88	93.23	93.04	9.75	73.32	73.17	9.34
		67	120.00	87.48	4.98	120.00	100.92	9.16	120.00	98.88	11.22	100.57	83.87	10.06	79.09	71.81	9.64
		73	126.79	57.07	5.07	126.79	65.84	9.33	126.79	64.51	11.43	106.26	54.72	10.25	83.57	46.85	9.82
	85	61	115.44	115.21	4.84	115.44	115.21	8.91	115.44	115.21	10.91	96.75	96.55	9.78	76.09	75.93	9.37
		67	121.73	104.70	4.99	121.73	120.78	9.19	121.73	118.34	11.25	102.02	100.38	10.09	80.23	80.07	9.67
		73	126.43	79.10	5.09	126.43	91.25	9.36	126.43	89.41	11.46	105.96	75.84	10.28	83.33	64.93	9.85
	90	61	119.23	118.99	4.86	119.23	118.99	8.93	119.23	118.99	10.94	99.92	99.72	9.81	78.58	78.43	9.40
		67	123.04	116.80	5.01	123.04	122.79	9.21	123.04	122.79	11.29	103.11	102.91	10.12	81.09	80.93	9.70
		73	125.66	96.79	5.10	125.66	111.66	9.38	125.66	109.40	11.49	105.32	92.80	10.31	82.82	79.46	9.88
4,400	75	61	108.65	98.80	4.84	108.65	108.43	8.90	108.65	108.43	10.90	91.05	90.87	9.78	71.61	71.47	9.37
		67	120.11	74.31	4.99	120.11	85.72	9.18	120.11	83.99	11.25	100.66	71.24	10.08	79.16	61.00	9.66
		73	129.13	33.07	5.08	129.13	38.15	9.35	129.13	37.38	11.45	108.22	31.70	10.27	85.11	27.15	9.84
	80	61	113.35	113.13	4.85	113.35	113.13	8.93	113.35	113.13	10.94	95.00	94.81	9.81	74.71	74.56	9.40
		67	122.28	93.62	5.01	122.28	108.00	9.21	122.28	105.82	11.28	102.48	89.76	10.12	80.59	76.86	9.69
		73	129.19	61.08	5.10	129.19	70.46	9.38	129.19	69.04	11.49	108.27	58.56	10.30	85.15	50.14	9.87
	85	61	117.64	117.40	4.87	117.64	117.40	8.95	117.64	117.40	10.97	98.59	98.39	9.83	77.53	77.38	9.42
		67	124.03	112.06	5.02	124.03	123.78	9.24	124.03	123.78	11.31	103.95	103.74	10.14	81.75	81.58	9.72
		73	128.83	84.66	5.11	128.83	97.67	9.41	128.83	95.70	11.52	107.97	81.17	10.33	84.91	69.50	9.90
	90	61	121.49	121.25	4.88	121.49	121.25	8.98	121.49	121.25	11.00	101.82	101.61	9.86	80.07	79.91	9.45
		67	125.36	125.01	5.04	125.36	125.11	9.26	125.36	125.11	11.35	105.06	104.85	10.17	82.63	82.46	9.75
		73	128.05	103.59	5.13	128.05	119.51	9.44	128.05	117.09	11.56	107.32	99.32	10.36	84.40	84.23	9.93
4,800	75	61	109.63	104.63	4.87	109.63	109.41	8.95	109.63	109.41	10.96	91.88	91.70	9.83	72.26	72.11	9.42
		67	121.20	78.68	5.02	121.20	90.77	9.23	121.20	88.93	11.31	101.57	75.44	10.14	79.88	64.59	9.72
		73	130.31	35.01	5.11	130.31	40.39	9.40	130.31	39.57	11.52	109.21	33.57	10.33	85.88	28.74	9.90
	80	61	114.38	114.16	4.88	114.38	114.16	8.98	114.38	114.16	11.00	95.86	95.67	9.86	75.39	75.24	9.45
		67	123.38	99.15	5.04	123.38	114.38	9.26	123.38	112.07	11.34	103.40	95.06	10.17	81.32	81.16	9.75
		73	130.37	64.68	5.13	130.37	74.62	9.43	130.37	73.11	11.55	109.26	62.02	10.36	85.92	53.10	9.93
	85	61	118.70	118.47	4.90	118.70	118.47	9.00	118.70	118.47	11.03	99.48	99.28	9.89	78.24	78.08	9.48
		67	125.16	118.66	5.05	125.16	124.91	9.29	125.16	124.91	11.38	104.89	104.68	10.20	82.49	82.33	9.77
		73	130.01	89.65	5.14	130.01	103.42	9.46	130.01	101.33	11.59	108.96	85.95	10.39	85.69	73.60	9.96
	90	61	122.59	122.35	4.91	122.59	122.35	9.03	122.59	122.35	11.06	102.74	102.53	9.92	80.80	80.64	9.51
		67	126.50	126.25	5.06	126.50	126.25	9.32	126.50	126.25	11.41	106.02	105.81	10.23	83.38	83.21	9.80
		73	129.22	109.70	5.16	129.22	126.55	9.49	129.22	124.00	11.62	108.29	105.18	10.42	85.17	84.99	9.99

Note

1. DB : Dry bulb temperature(°F), WB : Wet bulb temperature(°F), CFM : Cubic ft per minute
2. TGC : Total Gross Cooling Capacity(MBH = kBtu/h), SHC : Sensible Heating Capacity(MBH = kBtu/h)
   PI : Power Input (kW, Compressor + outdoor fan power input)
3. All capacities and power input values are gross values. A deduction (cooling mode) of Capacity due to operating heat of indoor unit motor is not reflected.
   - Net Cooling Capacity = TGC - Fan motor heat (Refer to the Fan performance data)
4. Direct interpolation is permissible. Do not extrapolate.
5. Rated capacities and power inputs are based on standard conditions(ambient temperature, etc). Except for rated value, the performance is not guaranteed. In accordance with the test standard(or nations), the rating could be varied slightly.
6. The rated capacity at the outdoor temperature of 81.5 °FDB is the same as that at IEER B test condition.
   The rated capacity at the outdoor temeprature of 95.0 °FDB is the same as that at IEER A test condition.

7. Capacity Tables

◆ 15RT AK-W180LH00 (SI)

Outdoor Ambient Temp. (°CDB)			27.5			35.0			40.0			46.0			54.0		
Air Flow Rate	Indoor Ambient Temp.		TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
(ℓ/s)	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2,266	23.9	16.1	43.55	33.87	6.99	43.55	39.05	12.87	43.55	38.26	15.76	36.51	32.43	14.14	28.73	27.81	13.54
		19.4	48.15	25.47	7.21	48.15	29.36	13.28	48.15	28.77	16.26	40.37	24.38	14.59	31.76	20.91	13.97
		22.8	51.76	11.34	7.35	51.76	13.07	13.52	51.76	12.81	16.56	43.40	10.85	14.86	34.15	9.31	14.23
	26.7	16.1	45.44	38.80	7.02	45.44	44.73	12.91	45.44	43.83	15.81	38.09	37.15	14.18	29.97	29.91	13.58
		19.4	49.01	32.10	7.24	49.01	37.01	13.32	49.01	36.26	16.31	41.09	30.73	14.63	32.33	26.35	14.01
		22.8	51.79	20.94	7.37	51.79	24.14	13.56	51.79	23.66	16.61	43.42	20.05	14.90	34.17	17.19	14.27
	29.4	16.1	47.15	42.55	7.04	47.15	47.06	12.95	47.15	47.06	15.86	39.53	39.45	14.23	31.11	31.04	13.63
		19.4	49.72	38.41	7.26	49.72	44.29	13.36	49.72	43.40	16.36	41.68	36.78	14.67	32.80	31.54	14.05
		22.8	51.64	29.02	7.39	51.64	33.46	13.60	51.64	32.79	16.66	43.30	27.79	14.95	34.07	23.83	14.31
	32.2	16.1	48.70	44.95	7.06	48.70	48.60	12.99	48.70	48.60	15.90	40.83	40.75	14.27	32.13	32.06	13.67
		19.4	50.25	42.85	7.28	50.25	49.41	13.40	50.25	48.42	16.41	42.13	41.03	14.72	33.15	33.09	14.10
		22.8	51.33	35.51	7.41	51.33	40.94	13.64	51.33	40.12	16.71	43.03	34.00	14.99	33.86	29.15	14.36
2,549	23.9	16.1	45.37	37.33	7.06	45.37	43.04	12.99	45.37	42.18	15.90	38.04	35.75	14.27	29.93	29.87	13.66
		19.4	50.16	28.08	7.28	50.16	32.37	13.39	50.16	31.72	16.40	42.05	26.88	14.72	33.09	23.05	14.09
		22.8	53.93	12.49	7.41	53.93	14.40	13.64	53.93	14.11	16.71	45.21	11.96	14.99	35.57	10.25	14.36
	26.7	16.1	47.33	42.76	7.08	47.33	47.24	13.02	47.33	47.24	15.95	39.69	39.61	14.31	31.23	31.16	13.71
		19.4	51.06	35.38	7.30	51.06	40.79	13.44	51.06	39.97	16.45	42.81	33.87	14.76	33.69	29.04	14.14
		22.8	53.95	23.08	7.44	53.95	26.61	13.68	53.95	26.07	16.76	45.23	22.10	15.03	35.59	18.95	14.40
	29.4	16.1	49.12	46.90	7.10	49.12	49.02	13.06	49.12	49.02	16.00	41.18	41.10	14.35	32.41	32.34	13.75
		19.4	51.80	42.34	7.32	51.80	48.82	13.48	51.80	47.83	16.50	43.43	40.54	14.81	34.17	34.10	14.18
		22.8	53.80	31.99	7.46	53.80	36.88	13.72	53.80	36.14	16.81	45.11	30.63	15.08	35.49	26.26	14.44
	32.2	16.1	50.74	49.55	7.12	50.74	50.64	13.10	50.74	50.64	16.04	42.54	42.45	14.39	33.47	33.40	13.79
		19.4	52.35	47.24	7.34	52.35	52.25	13.51	52.35	52.25	16.55	43.89	43.80	14.85	34.54	34.47	14.22
		22.8	53.47	39.14	7.48	53.47	45.13	13.77	53.47	44.22	16.86	44.83	37.48	15.12	35.28	32.14	14.49
2,832	23.9	16.1	46.74	40.63	7.13	46.74	46.64	13.12	46.74	45.90	16.07	39.18	38.90	14.42	30.83	30.77	13.81
		19.4	51.67	30.56	7.36	51.67	35.23	13.54	51.67	34.52	16.58	43.32	29.26	14.87	34.09	25.09	14.25
		22.8	55.55	13.60	7.49	55.55	15.68	13.79	55.55	15.36	16.88	46.57	13.02	15.15	36.65	11.17	14.51
	26.7	16.1	48.76	46.54	7.15	48.76	48.66	13.16	48.76	48.66	16.12	40.88	40.80	14.46	32.17	32.10	13.85
		19.4	52.60	38.50	7.38	52.60	44.39	13.58	52.60	43.50	16.63	44.10	36.87	14.92	34.70	31.61	14.29
		22.8	55.58	25.12	7.52	55.58	28.96	13.83	55.58	28.38	16.94	46.60	24.05	15.19	36.66	20.62	14.55
	29.4	16.1	50.60	50.50	7.17	50.60	50.50	13.20	50.60	50.50	16.17	42.42	42.34	14.51	33.38	33.31	13.89
		19.4	53.36	46.08	7.40	53.36	53.13	13.62	53.36	52.06	16.68	44.74	44.12	14.96	35.20	35.13	14.33
		22.8	55.42	34.81	7.54	55.42	40.14	13.87	55.42	39.33	16.99	46.46	33.34	15.24	36.56	28.58	14.60
	32.2	16.1	52.26	52.16	7.20	52.26	52.16	13.24	52.26	52.16	16.22	43.82	43.73	14.55	34.48	34.41	13.93
		19.4	53.93	51.41	7.42	53.93	53.82	13.66	53.93	53.82	16.73	45.22	45.13	15.01	35.58	35.51	14.37
		22.8	55.08	42.60	7.56	55.08	49.12	13.91	55.08	48.13	17.04	46.18	40.79	15.29	36.34	34.98	14.64
3,115	23.9	16.1	47.62	43.49	7.17	47.62	47.53	13.20	47.62	47.53	16.16	39.93	39.85	14.50	31.42	31.35	13.89
		19.4	52.65	32.70	7.40	52.65	37.71	13.61	52.65	36.95	16.67	44.14	31.32	14.96	34.73	26.85	14.32
		22.8	56.60	14.55	7.53	56.60	16.78	13.86	56.60	16.44	16.98	47.46	13.94	15.23	37.34	11.95	14.59
	26.7	16.1	49.69	49.59	7.19	49.69	49.59	13.24	49.69	49.59	16.21	41.66	41.57	14.54	32.78	32.71	13.93
		19.4	53.60	41.21	7.42	53.60	47.51	13.65	53.60	46.55	16.72	44.94	39.46	15.00	35.36	33.83	14.37
		22.8	56.63	26.88	7.56	56.63	31.00	13.91	56.63	30.37	17.03	47.48	25.74	15.28	37.36	22.07	14.63
	29.4	16.1	51.56	51.46	7.21	51.56	51.46	13.28	51.56	51.46	16.26	43.23	43.14	14.59	34.02	33.95	13.97
		19.4	54.37	49.32	7.44	54.37	54.26	13.69	54.37	54.26	16.77	45.58	45.49	15.05	35.87	35.79	14.41
		22.8	56.47	37.26	7.58	56.47	42.96	13.95	56.47	42.10	17.08	47.35	35.68	15.32	37.25	30.59	14.68
	32.2	16.1	53.25	53.15	7.24	53.25	53.15	13.32	53.25	53.15	16.31	44.65	44.56	14.63	35.13	35.06	14.01
		19.4	54.95	54.84	7.46	54.95	54.84	13.73	54.95	54.84	16.82	46.07	45.98	15.09	36.25	36.18	14.45
		22.8	56.13	45.60	7.60	56.13	52.57	13.99	56.13	51.51	17.13	47.06	43.66	15.37	37.03	36.95	14.72
3,398	23.9	16.1	48.06	46.05	7.21	48.06	47.96	13.27	48.06	47.96	16.25	40.29	40.21	14.58	31.70	31.64	13.96
		19.4	53.13	34.63	7.44	53.13	39.93	13.69	53.13	39.12	16.76	44.54	33.16	15.04	35.05	28.43	14.40
		22.8	57.12	15.41	7.58	57.12	17.77	13.94	57.12	17.41	17.07	47.89	14.75	15.32	37.68	12.65	14.67
	26.7	16.1	50.14	50.04	7.23	50.14	50.04	13.31	50.14	50.04	16.30	42.04	41.95	14.62	33.08	33.01	14.01
		19.4	54.08	43.64	7.46	54.08	50.32	13.73	54.08	49.30	16.81	45.34	41.79	15.09	35.68	35.61	14.45
		22.8	57.14	28.47	7.60	57.14	32.83	13.98	57.14	32.16	17.12	47.91	27.26	15.36	37.70	23.37	14.71
	29.4	16.1	52.03	51.93	7.25	52.03	51.93	13.35	52.03	51.93	16.35	43.62	43.54	14.67	34.33	34.26	14.05
		19.4	54.86	52.23	7.48	54.86	54.75	13.77	54.86	54.75	16.86	46.00	45.90	15.13	36.19	36.12	14.49
		22.8	56.99	39.46	7.62	56.99	45.50	14.03	56.99	44.58	17.18	47.78	37.78	15.41	37.59	32.40	14.76
	32.2	16.1	53.74	53.63	7.28	53.74	53.63	13.39	53.74	53.63	16.40	45.05	44.96	14.71	35.45	35.38	14.09
		19.4	55.45	55.34	7.51	55.45	55.34	13.81	55.45	55.34	16.91	46.49	46.40	15.17	36.58	36.51	14.53
		22.8	56.64	48.28	7.64	56.64	55.67	14.07	56.64	54.55	17.23	47.49	46.23	15.46	37.36	37.29	14.80

Note

1. DB : Dry bulb temperature(℃), WB : Wet bulb temperature(℃), l/s : Liters per second
2. TGC : Total Gross Cooling Capacity(kW), SHC : Sensible Heating Capacity(kW)
   PI : Power Input (kW, Compressor + outdoor fan power input)
3. All capacities and power input values are gross values. A deduction (cooling mode) of Capacity due to operating heat of indoor unit motor is not reflected.
   - Net Cooling Capacity = TGC - Fan motor heat (Refer to the Fan performance data)
4. Direct interpolation is permissible. Do not extrapolate.
5. Rated capacities and power inputs are based on standard conditions(ambient temperature, etc). Except for rated value, the performance is not guaranteed. In accordance with the test standard(or nations), the rating could be varied slightly.
6. The rated capacity at the outdoor temperature of 27.5 ℃DB is the same as that at IEER B test condition.
   The rated capacity at the outdoor temeprature of 35.0 ℃DB is the same as that at IEER A test condition.

7. Capacity Tables

◆ 15RT AK-W180LH00 (English)

Outdoor Ambient Temp. (°FDB)			81.5			95.0			104.0			114.8			129.2		
Air Flow Rate (CFM)	Indoor Ambient Temp. °FDB	°FWB	TGC MBH	SHC MBH	PI kW	TGC MBH	SHC MBH	PI kW	TGC MBH	SHC MBH	PI kW	TGC MBH	SHC MBH	PI kW	TGC MBH	SHC MBH	PI kW
4,800	75	61	148.63	115.57	6.99	148.63	133.26	12.87	148.63	130.57	15.76	124.61	110.66	14.14	98.05	94.89	13.54
		67	164.31	86.90	7.21	164.31	100.20	13.28	164.31	98.18	16.26	137.76	83.21	14.59	108.40	71.35	13.97
		73	176.65	38.68	7.35	176.65	44.60	13.52	176.65	43.70	16.56	148.10	37.04	14.86	116.53	31.76	14.23
	80	61	155.05	132.39	7.02	155.05	152.65	12.91	155.05	149.57	15.81	130.00	126.77	14.18	102.29	102.08	13.58
		67	167.26	109.53	7.24	167.26	126.29	13.32	167.26	123.75	16.31	140.23	104.88	14.63	110.34	89.93	14.01
		73	176.74	71.45	7.37	176.74	82.38	13.56	176.74	80.73	16.61	148.18	68.42	14.90	116.59	58.66	14.27
	85	61	160.90	145.19	7.04	160.90	160.58	12.95	160.90	160.58	15.86	134.90	134.63	14.23	106.15	105.94	13.63
		67	169.66	131.08	7.26	169.66	151.13	13.36	169.66	148.09	16.36	142.25	125.51	14.67	111.93	107.62	14.05
		73	176.23	99.04	7.39	176.23	114.20	13.60	176.23	111.90	16.66	147.75	94.84	14.95	116.26	81.32	14.31
	90	61	166.20	153.39	7.06	166.20	165.87	12.99	166.20	165.87	15.90	139.34	139.06	14.27	109.64	109.42	13.67
		67	171.49	146.24	7.28	171.49	168.62	13.40	171.49	165.22	16.41	143.78	140.03	14.72	113.13	112.91	14.10
		73	175.16	121.17	7.41	175.16	139.71	13.64	175.16	136.90	16.71	146.85	116.02	14.99	115.55	99.48	14.36
5,400	75	61	154.84	127.40	7.06	154.84	146.89	12.99	154.84	143.93	15.90	129.82	121.99	14.27	102.15	101.94	13.66
		67	171.17	95.81	7.28	171.17	110.47	13.39	171.17	108.25	16.40	143.51	91.74	14.72	112.92	78.66	14.09
		73	184.02	42.62	7.41	184.02	49.15	13.64	184.02	48.16	16.71	154.29	40.81	14.99	121.40	35.00	14.36
	80	61	161.53	145.93	7.08	161.53	161.21	13.02	161.53	161.21	15.95	135.43	135.16	14.31	106.56	106.35	13.71
		67	174.26	120.72	7.30	174.26	139.20	13.44	174.26	136.39	16.45	146.10	115.60	14.76	114.96	99.12	14.14
		73	184.11	78.76	7.44	184.11	90.81	13.68	184.11	88.98	16.76	154.36	75.41	15.03	121.46	64.66	14.40
	85	61	167.64	160.04	7.10	167.64	167.30	13.06	167.64	167.30	16.00	140.55	140.26	14.35	110.59	110.37	13.75
		67	176.75	144.48	7.32	176.75	166.59	13.48	176.75	163.23	16.50	148.19	138.34	14.81	116.60	116.37	14.18
		73	183.59	109.16	7.46	183.59	125.86	13.72	183.59	123.33	16.81	153.92	104.52	15.08	121.12	89.62	14.44
	90	61	173.15	169.08	7.12	173.15	172.80	13.10	173.15	172.80	16.04	145.17	144.88	14.39	114.22	114.00	13.79
		67	178.66	161.19	7.34	178.66	178.30	13.51	178.66	178.30	16.55	149.79	149.49	14.85	117.86	117.62	14.22
		73	182.48	133.58	7.48	182.48	154.01	13.77	182.48	150.91	16.86	152.99	127.90	15.12	120.38	109.67	14.49
6,000	75	61	159.49	138.65	7.13	159.49	159.17	13.12	159.49	156.64	16.07	133.71	132.76	14.42	105.21	105.00	13.81
		67	176.32	104.27	7.36	176.32	120.23	13.54	176.32	117.81	16.58	147.83	99.84	14.87	116.32	85.61	14.25
		73	189.57	46.41	7.49	189.57	53.51	13.79	189.57	52.43	16.88	158.94	44.44	15.15	125.06	38.10	14.51
	80	61	166.40	158.83	7.15	166.40	166.06	13.16	166.40	166.06	16.12	139.51	139.23	14.46	109.77	109.55	13.85
		67	179.50	131.39	7.38	179.50	151.50	13.58	179.50	148.45	16.63	150.49	125.81	14.92	118.42	107.88	14.29
		73	189.66	85.72	7.52	189.66	98.84	13.83	189.66	96.85	16.94	159.01	82.08	15.19	125.12	70.38	14.55
	85	61	172.68	172.33	7.17	172.68	172.33	13.20	172.68	172.33	16.17	144.77	144.49	14.51	113.92	113.69	13.89
		67	182.08	157.25	7.40	182.08	181.31	13.62	182.08	177.66	16.68	152.66	150.57	14.96	120.12	119.88	14.33
		73	189.12	118.81	7.54	189.12	136.98	13.87	189.12	134.23	16.99	158.56	113.76	15.24	124.76	97.54	14.60
	90	61	178.35	177.99	7.20	178.35	177.99	13.24	178.35	177.99	16.22	149.53	149.23	14.55	117.66	117.42	13.93
		67	184.04	175.44	7.42	184.04	183.67	13.66	184.04	183.67	16.73	154.30	153.99	15.01	121.41	121.17	14.37
		73	187.97	145.37	7.56	187.97	167.62	13.91	187.97	164.24	17.04	157.60	139.20	15.29	124.00	119.35	14.64
6,600	75	61	162.52	148.40	7.17	162.52	162.19	13.20	162.52	162.19	16.16	136.26	135.98	14.50	107.21	107.00	13.89
		67	179.66	111.61	7.40	179.66	128.68	13.61	179.66	126.09	16.67	150.63	106.87	14.96	118.52	91.63	14.32
		73	193.16	49.67	7.53	193.16	57.27	13.86	193.16	56.11	16.98	161.95	47.56	15.23	127.43	40.78	14.59
	80	61	169.56	169.22	7.19	169.56	169.22	13.24	169.56	169.22	16.21	142.16	141.87	14.54	111.86	111.63	13.93
		67	182.91	140.62	7.42	182.91	162.13	13.65	182.91	158.87	16.72	153.35	134.64	15.00	120.67	115.45	14.37
		73	193.25	91.74	7.56	193.25	105.78	13.91	193.25	103.65	17.03	162.02	87.84	15.28	127.49	75.32	14.63
	85	61	175.96	175.61	7.21	175.96	175.61	13.28	175.96	175.61	16.26	147.53	147.23	14.59	116.08	115.85	13.97
		67	185.53	168.32	7.44	185.53	185.16	13.69	185.53	185.16	16.77	155.55	155.24	15.05	122.39	122.15	14.41
		73	192.71	127.16	7.58	192.71	146.62	13.95	192.71	143.67	17.08	161.57	121.76	15.32	127.13	104.40	14.68
	90	61	181.73	181.36	7.24	181.73	181.36	13.32	181.73	181.36	16.31	152.36	152.05	14.63	119.88	119.64	14.01
		67	187.52	187.15	7.46	187.52	187.15	13.73	187.52	187.15	16.82	157.22	156.91	15.09	123.71	123.46	14.45
		73	191.54	155.60	7.60	191.54	179.40	13.99	191.54	175.79	17.13	160.59	148.99	15.37	126.36	126.11	14.72
7,200	75	61	163.99	157.15	7.21	163.99	163.66	13.27	163.99	163.66	16.25	137.49	137.22	14.58	108.18	107.97	13.96
		67	181.30	118.18	7.44	181.30	136.26	13.69	181.30	133.51	16.76	152.00	113.16	15.04	119.60	97.02	14.40
		73	194.92	52.58	7.58	194.92	60.63	13.94	194.92	59.41	17.07	163.42	50.35	15.32	128.59	43.17	14.67
	80	61	171.10	170.76	7.23	171.10	170.76	13.31	171.10	170.76	16.30	143.45	143.16	14.62	112.87	112.65	14.01
		67	184.56	148.92	7.46	184.56	171.71	13.73	184.56	168.25	16.81	154.74	142.60	15.09	121.75	121.51	14.45
		73	195.01	97.15	7.60	195.01	112.02	13.98	195.01	109.76	17.12	163.50	93.03	15.36	128.65	79.76	14.71
	85	61	177.56	177.21	7.25	177.56	177.21	13.35	177.56	177.21	16.35	148.87	148.57	14.67	117.14	116.90	14.05
		67	187.22	178.22	7.48	187.22	186.84	13.77	187.22	186.84	16.86	156.96	156.65	15.13	123.51	123.26	14.49
		73	194.47	134.65	7.62	194.47	155.26	14.03	194.47	152.13	17.18	163.04	128.93	15.41	128.29	110.55	14.76
	90	61	183.38	183.01	7.28	183.38	183.01	13.39	183.38	183.01	16.40	153.74	153.44	14.71	120.97	120.73	14.09
		67	189.23	188.85	7.51	189.23	188.85	13.81	189.23	188.85	16.91	158.65	158.33	15.17	124.83	124.58	14.53
		73	193.29	164.77	7.64	193.29	189.98	14.07	193.29	186.15	17.23	162.05	157.77	15.46	127.51	127.25	14.80

Note

1. DB : Dry bulb temperature(°F), WB : Wet bulb temperature(°F), CFM : Cubic ft per minute
2. TGC : Total Gross Cooling Capacity(MBH = kBtu/h), SHC : Sensible Heating Capacity(MBH = kBtu/h)
   PI : Power Input (kW, Compressor + outdoor fan power input)
3. All capacities and power input values are gross values. A deduction (cooling mode) of Capacity due to operating heat of indoor unit motor is not reflected.
   - Net Cooling Capacity = TGC - Fan motor heat (Refer to the Fan performance data)
4. Direct interpolation is permissible. Do not extrapolate.
5. Rated capacities and power inputs are based on standard conditions(ambient temperature, etc). Except for rated value, the performance is not guaranteed. In accordance with the test standard(or nations), the rating could be varied slightly.
6. The rated capacity at the outdoor temperature of 81.5 °FDB is the same as that at IEER B test condition.
   The rated capacity at the outdoor temeprature of 95.0 °FDB is the same as that at IEER A test condition.

7. Capacity Tables

◆ 20RT AK-W240LC00 / AK-W240LH00(SI)

Outdoor Ambient Temp. (°CDB)			27.5			35.0			40.0			46.0			54.0		
Air Flow Rate	Indoor Ambient Temp.		TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
(ℓ/s)	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3,021	23.9	16.1	59.86	42.13	9.94	59.86	48.58	18.28	59.86	47.57	22.39	50.09	40.28	20.08	39.41	34.50	19.23
		19.4	66.18	31.68	10.26	66.18	36.53	18.86	66.18	35.77	23.09	55.38	30.29	20.72	43.57	25.94	19.84
		22.8	71.15	14.10	10.44	71.15	16.26	19.21	71.15	15.92	23.52	59.54	13.48	21.10	46.84	11.55	20.20
	26.7	16.1	62.45	48.26	9.97	62.45	55.65	18.34	62.45	54.49	22.45	52.26	46.15	20.14	41.12	39.52	19.29
		19.4	67.37	39.93	10.29	67.37	46.04	18.92	67.37	45.08	23.16	56.37	38.18	20.78	44.35	32.70	19.90
		22.8	71.19	26.05	10.48	71.19	30.04	19.26	71.19	29.41	23.59	59.57	24.90	21.16	46.87	21.33	20.26
	29.4	16.1	64.81	52.93	10.00	64.81	61.03	18.39	64.81	59.75	22.52	54.23	50.61	20.20	42.67	42.58	19.35
		19.4	68.34	47.78	10.32	68.34	55.10	18.97	68.34	53.95	23.23	57.18	45.69	20.84	44.99	39.13	19.96
		22.8	70.98	36.10	10.51	70.98	41.64	19.32	70.98	40.76	23.66	59.40	34.52	21.23	46.73	29.57	20.32
	32.2	16.1	66.94	55.91	10.03	66.94	64.48	18.45	66.94	63.13	22.59	56.02	53.46	20.26	44.07	43.98	19.40
		19.4	69.08	53.31	10.35	69.08	61.47	19.03	69.08	60.19	23.30	57.80	50.97	20.90	45.48	43.66	20.02
		22.8	70.55	44.17	10.54	70.55	50.94	19.38	70.55	49.87	23.73	59.04	42.23	21.29	46.45	36.17	20.39
3,398	23.9	16.1	62.37	46.44	10.03	62.37	53.55	18.45	62.37	52.43	22.59	52.19	44.40	20.26	41.06	38.03	19.40
		19.4	68.95	34.93	10.35	68.95	40.28	19.03	68.95	39.43	23.30	57.69	33.40	20.90	45.39	28.60	20.01
		22.8	74.12	15.54	10.54	74.12	17.92	19.38	74.12	17.54	23.73	62.02	14.86	21.29	48.80	12.72	20.38
	26.7	16.1	65.06	53.19	10.06	65.06	61.34	18.50	65.06	60.06	22.65	54.44	50.86	20.32	42.84	42.75	19.46
		19.4	70.19	44.01	10.38	70.19	50.75	19.09	70.19	49.69	23.37	58.73	42.08	20.97	46.21	36.04	20.07
		22.8	74.16	28.71	10.57	74.16	33.11	19.44	74.16	32.41	23.80	62.05	27.45	21.35	48.82	23.51	20.44
	29.4	16.1	67.52	58.34	10.09	67.52	67.27	18.56	67.52	65.87	22.72	56.50	55.78	20.38	44.45	44.36	19.52
		19.4	71.19	52.67	10.41	71.19	60.73	19.14	71.19	59.46	23.44	59.57	50.36	21.03	46.87	43.13	20.13
		22.8	73.95	39.79	10.60	73.95	45.89	19.49	73.95	44.93	23.87	61.88	38.05	21.41	48.69	32.59	20.51
	32.2	16.1	69.74	61.63	10.12	69.74	69.60	18.61	69.74	69.59	22.79	58.36	58.24	20.44	45.91	45.82	19.58
		19.4	71.96	58.76	10.44	71.96	67.76	19.20	71.96	66.34	23.51	60.22	56.18	21.09	47.38	47.28	20.19
		22.8	73.50	48.69	10.63	73.50	56.15	19.55	73.50	54.97	23.94	61.50	46.56	21.48	48.39	39.88	20.57
3,776	23.9	16.1	64.24	50.54	10.14	64.24	58.28	18.64	64.24	57.06	22.83	53.75	48.33	20.48	42.29	41.39	19.61
		19.4	71.02	38.01	10.46	71.02	43.83	19.23	71.02	42.92	23.55	59.43	36.34	21.12	46.76	31.13	20.23
		22.8	76.36	16.92	10.65	76.36	19.51	19.59	76.36	19.10	23.98	63.89	16.18	21.51	50.27	13.85	20.60
	26.7	16.1	67.02	57.90	10.17	67.02	66.77	18.70	67.02	65.37	22.89	56.08	55.36	20.54	44.13	44.04	19.67
		19.4	72.30	47.90	10.49	72.30	55.23	19.29	72.30	54.08	23.62	60.50	45.80	21.19	47.60	39.23	20.29
		22.8	76.39	31.25	10.68	76.39	36.03	19.64	76.39	35.28	24.05	63.92	29.88	21.58	50.29	25.59	20.66
	29.4	16.1	69.55	63.49	10.20	69.55	69.41	18.75	69.55	69.41	22.96	58.20	58.08	20.60	45.79	45.70	19.73
		19.4	73.34	57.32	10.52	73.34	66.10	19.35	73.34	64.72	23.69	61.37	54.81	21.25	48.29	46.95	20.35
		22.8	76.18	43.31	10.72	76.18	49.94	19.70	76.18	48.90	24.13	63.74	41.41	21.65	50.15	35.47	20.73
	32.2	16.1	71.84	67.07	10.23	71.84	71.69	18.81	71.84	71.69	23.03	60.11	59.99	20.66	47.30	47.20	19.78
		19.4	74.13	63.95	10.55	74.13	73.75	19.40	74.13	72.20	23.76	62.03	61.15	21.32	48.80	48.71	20.41
		22.8	75.71	52.99	10.75	75.71	61.11	19.76	75.71	59.83	24.20	63.36	50.67	21.71	49.85	43.40	20.79
4,153	23.9	16.1	65.46	54.09	10.19	65.46	62.38	18.74	65.46	61.07	22.95	54.78	51.72	20.59	43.10	43.01	19.72
		19.4	72.37	40.68	10.52	72.37	46.92	19.34	72.37	45.93	23.68	60.55	38.90	21.24	47.64	33.32	20.34
		22.8	77.80	18.10	10.71	77.80	20.88	19.69	77.80	20.44	24.11	65.10	17.31	21.63	51.22	14.83	20.71
	26.7	16.1	68.29	61.96	10.22	68.29	68.16	18.80	68.29	68.16	23.02	57.15	57.03	20.65	44.96	44.87	19.78
		19.4	73.67	51.26	10.55	73.67	59.11	19.40	73.67	57.87	23.75	61.65	49.01	21.31	48.50	41.98	20.40
		22.8	77.84	33.44	10.74	77.84	38.56	19.75	77.84	37.76	24.19	65.13	31.98	21.70	51.25	27.39	20.78
	29.4	16.1	70.88	67.95	10.26	70.88	70.73	18.86	70.88	70.73	23.09	59.31	59.19	20.72	46.66	46.57	19.84
		19.4	74.73	61.36	10.58	74.73	70.75	19.45	74.73	69.27	23.82	62.53	58.67	21.37	49.20	49.10	20.46
		22.8	77.62	46.35	10.77	77.62	53.46	19.81	77.62	52.34	24.26	64.95	44.32	21.76	51.10	37.96	20.84
	32.2	16.1	73.20	71.79	10.29	73.20	73.05	18.91	73.20	73.05	23.16	61.25	61.13	20.78	48.19	48.09	19.89
		19.4	75.53	68.44	10.61	75.53	75.38	19.51	75.53	75.38	23.89	63.20	63.08	21.43	49.73	49.63	20.52
		22.8	77.15	56.72	10.81	77.15	65.41	19.87	77.15	64.04	24.33	64.56	54.23	21.83	50.79	46.45	20.90
4,531	23.9	16.1	66.05	57.28	10.25	66.05	65.92	18.85	66.05	64.68	23.08	55.27	54.77	20.70	43.49	43.40	19.83
		19.4	73.02	43.08	10.57	73.02	49.68	19.44	73.02	48.64	23.81	61.11	41.19	21.36	48.08	35.28	20.45
		22.8	78.51	19.17	10.77	78.51	22.10	19.80	78.51	21.64	24.25	65.70	18.33	21.75	51.69	15.70	20.83
	26.7	16.1	68.92	65.62	10.28	68.92	68.78	18.91	68.92	68.78	23.15	57.67	57.55	20.77	45.37	45.28	19.89
		19.4	74.34	54.29	10.61	74.34	62.60	19.50	74.34	61.29	23.88	62.21	51.91	21.43	48.94	44.46	20.52
		22.8	78.55	35.41	10.80	78.55	40.84	19.86	78.55	39.98	24.32	65.73	33.86	21.82	51.71	29.00	20.89
	29.4	16.1	71.52	71.38	10.31	71.52	71.38	18.96	71.52	71.38	23.22	59.85	59.73	20.83	47.09	46.99	19.95
		19.4	75.41	64.97	10.64	75.41	74.92	19.56	75.41	73.35	23.95	63.10	62.12	21.49	49.65	49.55	20.57
		22.8	78.33	49.08	10.83	78.33	56.60	19.92	78.33	55.42	24.39	65.55	46.93	21.89	51.57	40.20	20.96
	32.2	16.1	73.86	73.71	10.34	73.86	73.71	19.02	73.86	73.71	23.29	61.81	61.68	20.89	48.63	48.53	20.01
		19.4	76.22	72.49	10.67	76.22	76.07	19.62	76.22	76.07	24.02	63.78	63.65	21.55	50.18	50.08	20.63
		22.8	77.85	60.06	10.87	77.85	69.26	19.98	77.85	67.81	24.47	65.15	57.43	21.95	51.26	49.19	21.02

Note

1. DB : Dry bulb temperature(℃), WB : Wet bulb temperature(℃), l/s : Liters per second
2. TGC : Total Gross Cooling Capacity(kW), SHC : Sensible Heating Capacity(kW)
   PI : Power Input (kW, Compressor + outdoor fan power input)
3. All capacities and power input values are gross values. A deduction (cooling mode) of Capacity due to operating heat of indoor unit motor is not reflected.
   - Net Cooling Capacity = TGC - Fan motor heat (Refer to the Fan performance data)
4. Direct interpolation is permissible. Do not extrapolate.
5. Rated capacities and power inputs are based on standard conditions(ambient temperature, etc). Except for rated value, the performance is not guaranteed. In accordance with the test standard(or nations), the rating could be varied slightly.
6. The rated capacity at the outdoor temperature of 27.5 ℃DB is the same as that at IEER B test condition.
   The rated capacity at the outdoor temeprature of 35.0 ℃DB is the same as that at IEER A test condition.

7. Capacity Tables

◆ 20RT AK-W240LC00 / AK-W240LH00(English)

Outdoor Ambient Temp. (°FDB)			81.5			95.0			104.0			114.8			129.2		
Air Flow Rate (CFM)	Indoor Ambient Temp. °FDB	°FWB	TGC MBH	SHC MBH	PI kW	TGC MBH	SHC MBH	PI kW	TGC MBH	SHC MBH	PI kW	TGC MBH	SHC MBH	PI kW	TGC MBH	SHC MBH	PI kW
6,400	75	61	204.43	143.87	9.94	204.43	165.91	18.28	204.43	162.43	22.39	171.07	137.56	20.08	134.59	117.83	19.23
		67	226.01	108.18	10.26	226.01	124.75	18.86	226.01	122.14	23.09	189.13	103.44	20.72	148.80	88.60	19.84
		73	242.97	48.15	10.44	242.97	55.53	19.21	242.97	54.37	23.52	203.32	46.04	21.10	159.97	39.44	20.20
	80	61	213.27	164.81	9.97	213.27	190.05	18.34	213.27	186.07	22.45	178.46	157.58	20.14	140.41	134.97	19.29
		67	230.06	136.35	10.29	230.06	157.23	18.92	230.06	153.94	23.16	192.51	130.37	20.78	151.47	111.66	19.90
		73	243.10	88.95	10.48	243.10	102.57	19.26	243.10	100.42	23.59	203.42	85.05	21.16	160.05	72.84	20.26
	85	61	221.32	180.74	10.00	221.32	208.42	18.39	221.32	204.06	22.52	185.20	172.82	20.20	145.71	145.42	19.35
		67	233.37	163.17	10.32	233.37	188.17	18.97	233.37	184.23	23.23	195.28	156.02	20.84	153.64	133.63	19.96
		73	242.41	123.29	10.51	242.41	142.18	19.32	242.41	139.20	23.66	202.84	117.89	21.23	159.59	100.97	20.32
	90	61	228.60	190.94	10.03	228.60	220.19	18.45	228.60	215.58	22.59	191.29	182.58	20.26	150.51	150.20	19.40
		67	235.89	182.05	10.35	235.89	209.93	19.03	235.89	205.54	23.30	197.39	174.07	20.90	155.30	149.09	20.02
		73	240.93	150.84	10.54	240.93	173.94	19.38	240.93	170.30	23.73	201.60	144.23	21.29	158.62	123.53	20.39
7,200	75	61	212.98	158.59	10.03	212.98	182.89	18.45	212.98	179.06	22.59	178.22	151.64	20.26	140.22	129.88	19.40
		67	235.44	119.27	10.35	235.44	137.54	19.03	235.44	134.66	23.30	197.02	114.04	20.90	155.01	97.68	20.01
		73	253.12	53.06	10.54	253.12	61.19	19.38	253.12	59.91	23.73	211.81	50.73	21.29	166.65	43.45	20.38
	80	61	222.19	181.65	10.06	222.19	209.48	18.50	222.19	205.09	22.65	185.92	173.69	20.32	146.28	145.99	19.46
		67	239.69	150.28	10.38	239.69	173.30	19.09	239.69	169.67	23.37	200.57	143.70	20.97	157.80	123.08	20.07
		73	253.25	98.04	10.57	253.25	113.06	19.44	253.25	110.69	23.80	211.91	93.74	21.35	166.73	80.29	20.44
	85	61	230.58	199.22	10.09	230.58	229.74	18.56	230.58	224.93	22.72	192.95	190.49	20.38	151.81	151.50	19.52
		67	243.12	179.85	10.41	243.12	207.41	19.14	243.12	203.06	23.44	203.44	171.97	21.03	160.06	147.30	20.13
		73	252.53	135.89	10.60	252.53	156.70	19.49	252.53	153.42	23.87	211.31	129.93	21.41	166.26	111.29	20.51
	90	61	238.16	210.47	10.12	238.16	237.68	18.61	238.16	237.63	22.79	199.29	198.89	20.44	156.80	156.48	19.58
		67	245.74	200.66	10.44	245.74	231.40	19.20	245.74	226.55	23.51	205.63	191.87	21.09	161.79	161.46	20.19
		73	251.00	166.28	10.63	251.00	191.75	19.55	251.00	187.73	23.94	210.03	158.99	21.48	165.25	136.18	20.57
8,000	75	61	219.37	172.59	10.14	219.37	199.03	18.64	219.37	194.86	22.83	183.57	165.03	20.48	144.43	141.35	19.61
		67	242.53	129.80	10.46	242.53	149.69	19.23	242.53	146.55	23.55	202.95	124.11	21.12	159.67	106.31	20.23
		73	260.75	57.77	10.65	260.75	66.62	19.59	260.75	65.23	23.98	218.19	55.24	21.51	171.67	47.31	20.60
	80	61	228.88	197.71	10.17	228.88	228.00	18.70	228.88	223.23	22.89	191.52	189.05	20.54	150.68	150.38	19.67
		67	246.90	163.56	10.49	246.90	188.62	19.29	246.90	184.67	23.62	206.60	156.39	21.19	162.55	133.95	20.29
		73	260.87	106.71	10.68	260.87	123.06	19.64	260.87	120.48	24.05	218.30	102.03	21.58	171.75	87.39	20.66
	85	61	237.52	216.82	10.20	237.52	237.04	18.75	237.52	237.04	22.96	198.75	198.36	20.60	156.37	156.06	19.73
		67	250.46	195.75	10.52	250.46	225.74	19.35	250.46	221.01	23.69	209.58	187.17	21.25	164.89	160.32	20.35
		73	260.13	147.89	10.72	260.13	170.55	19.70	260.13	166.98	24.13	217.68	141.41	21.65	171.26	121.12	20.73
	90	61	245.32	229.05	10.23	245.32	244.83	18.81	245.32	244.83	23.03	205.28	204.87	20.66	161.51	161.19	19.78
		67	253.15	218.39	10.55	253.15	251.84	19.40	253.15	246.57	23.76	211.83	208.82	21.32	166.66	166.33	20.41
		73	258.55	180.97	10.75	258.55	208.69	19.76	258.55	204.32	24.20	216.36	173.04	21.71	170.22	148.21	20.79
8,800	75	61	223.54	184.73	10.19	223.54	213.03	18.74	223.54	208.57	22.95	187.06	176.63	20.59	147.17	146.88	19.72
		67	247.12	138.93	10.52	247.12	160.21	19.34	247.12	156.86	23.68	206.79	132.84	21.24	162.70	113.78	20.34
		73	265.69	61.83	10.71	265.69	71.30	19.69	265.69	69.80	24.11	222.33	59.12	21.63	174.92	50.63	20.71
	80	61	233.22	211.58	10.22	233.22	232.76	18.80	233.22	232.76	23.02	195.16	194.77	20.65	153.55	153.24	19.78
		67	251.59	175.04	10.55	251.59	201.86	19.40	251.59	197.63	23.75	210.53	167.37	21.31	165.64	143.36	20.40
		73	265.81	114.20	10.74	265.81	131.69	19.75	265.81	128.94	24.19	222.43	109.19	21.70	175.00	93.53	20.78
	85	61	242.04	232.03	10.26	242.04	241.55	18.86	242.04	241.55	23.09	202.53	202.13	20.72	159.35	159.03	19.84
		67	255.20	209.52	10.58	255.20	241.62	19.45	255.20	236.56	23.82	213.55	200.34	21.37	168.01	167.68	20.46
		73	265.07	158.30	10.77	265.07	182.55	19.81	265.07	178.72	24.26	221.81	151.36	21.76	174.51	129.64	20.84
	90	61	249.96	245.15	10.29	249.96	249.46	18.91	249.96	249.46	23.16	209.17	208.75	20.78	164.57	164.24	19.89
		67	257.94	233.73	10.61	257.94	257.42	19.51	257.94	257.42	23.89	215.84	215.41	21.43	169.82	169.48	20.52
		73	263.47	193.69	10.81	263.47	223.36	19.87	263.47	218.69	24.33	220.47	185.20	21.83	173.46	158.63	20.90
9,600	75	61	225.57	195.62	10.25	225.57	225.12	18.85	225.57	220.86	23.08	188.75	187.05	20.70	148.51	148.21	19.83
		67	249.37	147.11	10.57	249.37	169.64	19.44	249.37	166.09	23.81	208.67	140.66	21.36	164.18	120.48	20.45
		73	268.11	65.46	10.77	268.11	75.49	19.80	268.11	73.90	24.25	224.35	62.59	21.75	176.51	53.61	20.83
	80	61	235.35	224.08	10.28	235.35	234.87	18.91	235.35	234.87	23.15	196.93	196.54	20.77	154.94	154.63	19.89
		67	253.86	185.38	10.61	253.86	213.78	19.50	253.86	209.30	23.88	212.43	177.26	21.43	167.13	151.82	20.52
		73	268.23	120.94	10.80	268.23	139.47	19.86	268.23	136.54	24.32	224.45	115.64	21.82	176.60	99.05	20.89
	85	61	244.23	243.75	10.31	244.23	243.75	18.96	244.23	243.75	23.22	204.37	203.96	20.83	160.80	160.47	19.95
		67	257.52	221.86	10.64	257.52	255.84	19.56	257.52	250.49	23.95	215.49	212.13	21.49	169.54	169.20	20.57
		73	267.49	167.62	10.83	267.49	193.30	19.92	267.49	189.25	24.39	223.83	160.27	21.89	176.11	137.28	20.96
	90	61	252.23	251.73	10.34	252.23	251.73	19.02	252.23	251.73	23.29	211.07	210.64	20.89	166.06	165.73	20.01
		67	260.28	247.54	10.67	260.28	259.76	19.62	260.28	259.76	24.02	217.80	217.37	21.55	171.36	171.02	20.63
		73	265.86	205.11	10.87	265.86	236.53	19.98	265.86	231.57	24.47	222.47	196.12	21.95	175.03	167.98	21.02

Note

1. DB : Dry bulb temperature(°F), WB : Wet bulb temperature(°F), CFM : Cubic ft per minute
2. TGC : Total Gross Cooling Capacity(MBH = kBtu/h), SHC : Sensible Heating Capacity(MBH = kBtu/h)
   PI : Power Input (kW, Compressor + outdoor fan power input)
3. All capacities and power input values are gross values. A deduction (cooling mode) of Capacity due to operating heat of indoor unit motor is not reflected.
   - Net Cooling Capacity = TGC - Fan motor heat (Refer to the Fan performance data)
4. Direct interpolation is permissible. Do not extrapolate.
5. Rated capacities and power inputs are based on standard conditions(ambient temperature, etc). Except for rated value, the performance is not guaranteed. In accordance with the test standard(or nations), the rating could be varied slightly.
6. The rated capacity at the outdoor temperature of 81.5 °FDB is the same as that at IEER B test condition.
   The rated capacity at the outdoor temeprature of 95.0 °FDB is the same as that at IEER A test condition.

7. Capacity Tables

◆ 25RT AK-W300LC00 / AK-W300LH00(SI)

Outdoor Ambient Temp. (°CDB)			27.5			35.0			40.0			46.0			54.0		
Air Flow Rate	Indoor Ambient Temp.		TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
(ℓ/s)	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3,474	23.9	16.1	69.22	57.88	11.61	69.22	55.89	22.04	69.22	51.33	24.13	56.06	45.14	22.70	44.30	38.58	20.05
		19.4	76.53	43.53	11.98	76.53	42.02	22.73	76.53	38.59	24.89	61.97	33.94	23.41	48.97	29.01	20.68
		22.8	82.27	19.37	12.20	82.27	18.70	23.15	82.27	17.18	25.35	66.62	15.11	23.85	52.65	12.91	21.06
	26.7	16.1	72.21	66.31	11.64	72.21	64.02	22.10	72.21	58.80	24.20	58.48	51.71	22.77	46.21	44.20	20.11
		19.4	77.90	54.86	12.01	77.90	52.96	22.80	77.90	48.64	24.97	63.08	42.78	23.49	49.85	36.57	20.74
		22.8	82.31	35.79	12.23	82.31	34.55	23.22	82.31	31.73	25.43	66.66	27.91	23.92	52.68	23.85	21.12
	29.4	16.1	74.94	72.72	11.68	74.94	70.21	22.17	74.94	64.48	24.28	60.69	56.71	22.84	47.96	47.86	20.17
		19.4	79.02	65.65	12.05	79.02	63.38	22.87	79.02	58.21	25.04	63.99	51.20	23.55	50.57	43.76	20.80
		22.8	82.08	49.61	12.27	82.08	47.89	23.29	82.08	43.99	25.50	66.47	38.69	23.99	52.53	33.07	21.19
	32.2	16.1	77.41	76.82	11.71	77.41	74.17	22.23	77.41	68.12	24.35	62.68	59.91	22.90	49.54	49.44	20.23
		19.4	79.87	73.24	12.08	79.87	70.72	22.94	79.87	64.95	25.12	64.68	57.12	23.63	51.11	48.82	20.86
		22.8	81.58	60.69	12.31	81.58	58.59	23.36	81.58	53.81	25.58	66.06	47.33	24.06	52.21	40.45	21.25
3,908	23.9	16.1	72.11	63.81	11.71	72.11	61.60	22.23	72.11	56.58	24.34	58.40	49.76	22.90	46.15	42.53	20.22
		19.4	79.72	47.99	12.08	79.72	46.33	22.93	79.72	42.55	25.11	64.56	37.42	23.62	51.02	31.99	20.86
		22.8	85.71	21.35	12.31	85.71	20.61	23.36	85.71	18.93	25.58	69.41	16.65	24.06	54.85	14.23	21.25
	26.7	16.1	75.23	73.09	11.75	75.23	70.56	22.30	75.23	64.81	24.42	60.92	57.00	22.97	48.14	48.05	20.28
		19.4	81.16	60.46	12.12	81.16	58.38	23.00	81.16	53.61	25.19	65.72	47.15	23.70	51.94	40.30	20.93
		22.8	85.75	39.45	12.34	85.75	38.08	23.43	85.75	34.98	25.65	69.44	30.76	24.13	54.87	26.29	21.31
	29.4	16.1	78.07	77.92	11.78	78.07	77.39	22.36	78.07	71.07	24.49	63.23	62.51	23.04	49.96	49.86	20.34
		19.4	82.32	72.36	12.16	82.32	69.86	23.07	82.32	64.16	25.26	66.66	56.43	23.77	52.68	48.23	20.99
		22.8	85.51	54.67	12.38	85.51	52.79	23.50	85.51	48.48	25.73	69.24	42.64	24.20	54.72	36.44	21.37
	32.2	16.1	80.64	80.48	11.82	80.64	80.48	22.43	80.64	75.09	24.56	65.30	65.17	23.11	51.61	51.50	20.41
		19.4	83.21	80.73	12.19	83.21	77.95	23.14	83.21	71.59	25.34	67.38	62.96	23.84	53.25	53.14	21.05
		22.8	84.99	66.90	12.42	84.99	64.59	23.57	84.99	59.32	25.81	68.82	52.17	24.28	54.39	44.59	21.44
4,342	23.9	16.1	74.28	69.44	11.84	74.28	67.04	22.47	74.28	61.57	24.60	60.15	54.15	23.15	47.53	46.29	20.44
		19.4	82.12	52.23	12.21	82.12	50.42	23.18	82.12	46.31	25.38	66.50	40.73	23.88	52.55	34.81	21.08
		22.8	88.29	23.24	12.44	88.29	22.44	23.61	88.29	20.61	25.85	71.50	18.13	24.32	56.50	15.49	21.47
	26.7	16.1	77.50	77.34	11.87	77.50	76.80	22.54	77.50	70.54	24.68	62.76	62.04	23.21	49.59	49.50	20.50
		19.4	83.60	65.81	12.25	83.60	63.54	23.25	83.60	58.35	25.46	67.70	51.32	23.95	53.50	43.87	21.15
		22.8	88.33	42.93	12.48	88.33	41.45	23.68	88.33	38.07	25.93	71.53	33.48	24.39	56.53	28.62	21.54
	29.4	16.1	80.42	80.26	11.91	80.42	80.26	22.60	80.42	77.35	24.75	65.13	65.00	23.28	51.47	51.36	20.56
		19.4	84.80	78.76	12.29	84.80	76.04	23.32	84.80	69.84	25.53	68.67	61.42	24.02	54.27	52.50	21.21
		22.8	88.08	59.50	12.51	88.08	57.45	23.75	88.08	52.76	26.01	71.33	46.40	24.46	56.37	39.66	21.60
	32.2	16.1	83.06	82.90	11.94	83.06	82.90	22.67	83.06	81.72	24.83	67.27	67.13	23.35	53.16	53.05	20.62
		19.4	85.72	85.54	12.32	85.72	84.83	23.39	85.72	77.91	25.61	69.41	68.52	24.09	54.85	54.74	21.27
		22.8	87.55	72.81	12.55	87.55	70.30	23.82	87.55	64.56	26.08	70.90	56.78	24.54	56.03	48.53	21.67
4,776	23.9	16.1	75.69	74.32	11.90	75.69	71.76	22.59	75.69	65.90	24.74	61.30	57.96	23.27	48.44	48.34	20.55
		19.4	83.68	55.90	12.28	83.68	53.97	23.31	83.68	49.56	25.52	67.76	43.59	24.01	53.55	37.26	21.20
		22.8	89.96	24.88	12.51	89.96	24.02	23.74	89.96	22.06	25.99	72.85	19.40	24.45	57.57	16.58	21.59
	26.7	16.1	78.97	78.81	11.94	78.97	78.81	22.66	78.97	75.48	24.82	63.95	63.82	23.34	50.54	50.44	20.61
		19.4	85.19	70.43	12.32	85.19	68.00	23.38	85.19	62.45	25.60	68.99	54.92	24.08	54.52	46.94	21.27
		22.8	90.00	45.95	12.54	90.00	44.36	23.81	90.00	40.74	26.07	72.89	35.83	24.52	57.60	30.63	21.66
	29.4	16.1	81.95	81.79	11.98	81.95	81.79	22.73	81.95	81.79	24.89	66.37	66.23	23.41	52.45	52.34	20.68
		19.4	86.41	84.30	12.35	86.41	81.39	23.45	86.41	74.75	25.67	69.97	65.74	24.15	55.30	55.19	21.33
		22.8	89.75	63.69	12.58	89.75	61.49	23.88	89.75	56.47	26.15	72.68	49.67	24.60	57.44	42.45	21.72
	32.2	16.1	84.64	84.47	12.01	84.64	84.47	22.80	84.64	84.47	24.96	68.54	68.40	23.48	54.16	54.06	20.74
		19.4	87.34	87.16	12.39	87.34	87.16	23.52	87.34	83.39	25.75	70.73	70.58	24.22	55.89	55.78	21.39
		22.8	89.21	77.93	12.62	89.21	75.24	23.95	89.21	69.10	26.23	72.24	60.77	24.67	57.09	51.95	21.79
5,211	23.9	16.1	76.38	76.22	11.97	76.38	75.99	22.72	76.38	69.79	24.88	61.85	61.38	23.40	48.88	48.78	20.67
		19.4	84.44	59.19	12.35	84.44	57.14	23.43	84.44	52.48	25.66	68.38	46.16	24.14	54.04	39.45	21.32
		22.8	90.78	26.34	12.58	90.78	25.43	23.87	90.78	23.35	26.14	73.52	20.54	24.59	58.10	17.55	21.71
	26.7	16.1	79.69	79.53	12.01	79.69	79.53	22.79	79.69	79.53	24.95	64.53	64.40	23.47	51.00	50.89	20.73
		19.4	85.96	74.59	12.39	85.96	72.01	23.51	85.96	66.14	25.74	69.61	58.17	24.22	55.01	49.72	21.38
		22.8	90.82	48.66	12.61	90.82	46.98	23.94	90.82	43.15	26.22	73.55	37.95	24.66	58.12	32.43	21.78
	29.4	16.1	82.70	82.53	12.04	82.70	82.53	22.85	82.70	82.53	25.03	66.97	66.83	23.54	52.92	52.82	20.79
		19.4	87.19	87.02	12.42	87.19	86.18	23.58	87.19	79.15	25.82	70.61	69.61	24.29	55.80	55.69	21.45
		22.8	90.57	67.44	12.65	90.57	65.11	24.01	90.57	59.80	26.30	73.35	52.59	24.74	57.96	44.95	21.84
	32.2	16.1	85.41	85.23	12.08	85.41	85.23	22.92	85.41	85.23	25.10	69.16	69.02	23.61	54.66	54.55	20.85
		19.4	88.13	87.95	12.46	88.13	87.95	23.65	88.13	87.95	25.89	71.37	71.23	24.36	56.40	56.29	21.51
		22.8	90.02	82.52	12.69	90.02	79.67	24.08	90.02	73.17	26.37	72.90	64.36	24.81	57.61	55.01	21.91

Note

1. DB : Dry bulb temperature(℃), WB : Wet bulb temperature(℃), l/s : Liters per second
2. TGC : Total Gross Cooling Capacity(kW), SHC : Sensible Heating Capacity(kW)
   PI : Power Input (kW, Compressor + outdoor fan power input)
3. All capacities and power input values are gross values. A deduction (cooling mode) of Capacity due to operating heat of indoor unit motor is not reflected.
   - Net Cooling Capacity = TGC - Fan motor heat (Refer to the Fan performance data)
4. Direct interpolation is permissible. Do not extrapolate.
5. Rated capacities and power inputs are based on standard conditions(ambient temperature, etc). Except for rated value, the performance is not guaranteed. In accordance with the test standard(or nations), the rating could be varied slightly.
6. The rated capacity at the outdoor temperature of 27.5 ℃DB is the same as that at IEER B test condition.
   The rated capacity at the outdoor temeprature of 35.0 ℃DB is the same as that at IEER A test condition.

7. Capacity Tables

◆ 25RT AK-W300LC00 / AK-W300LH00(English)

Outdoor Ambient Temp. (°FDB)			81.5			95.0			104.0			114.8			129.2		
Air Flow Rate (CFM)	Indoor Ambient Temp. °FDB	°FWB	TGC MBH	SHC MBH	PI kW	TGC MBH	SHC MBH	PI kW	TGC MBH	SHC MBH	PI kW	TGC MBH	SHC MBH	PI kW	TGC MBH	SHC MBH	PI kW
7,360	75	61	236.15	197.47	11.61	236.15	190.66	22.04	236.15	175.10	24.13	191.23	154.00	22.70	151.12	131.63	20.05
		67	261.07	148.49	11.98	261.07	143.36	22.73	261.07	131.66	24.89	211.42	115.80	23.41	167.07	98.98	20.68
		73	280.67	66.09	12.20	280.67	63.81	23.15	280.67	58.61	25.35	227.29	51.54	23.85	179.61	44.06	21.06
	80	61	246.36	226.21	11.64	246.36	218.40	22.10	246.36	200.58	24.20	199.50	176.41	22.77	157.66	150.78	20.11
		67	265.75	187.15	12.01	265.75	180.68	22.80	265.75	165.94	24.97	215.21	145.94	23.49	170.07	124.74	20.74
		73	280.81	122.09	12.23	280.81	117.87	23.22	280.81	108.25	25.43	227.40	95.21	23.92	179.70	81.38	21.12
	85	61	255.65	248.08	11.68	255.65	239.51	22.17	255.65	219.97	24.28	207.03	193.46	22.84	163.61	163.28	20.17
		67	269.57	223.96	12.05	269.57	216.23	22.87	269.57	198.59	25.04	218.30	174.66	23.55	172.51	149.29	20.80
		73	280.01	169.23	12.27	280.01	163.39	23.29	280.01	150.06	25.50	226.75	131.97	23.99	179.19	112.80	21.19
	90	61	264.07	262.09	11.71	264.07	253.04	22.23	264.07	232.39	24.35	213.84	204.39	22.90	168.99	168.65	20.23
		67	272.48	249.87	12.08	272.48	241.24	22.94	272.48	221.56	25.12	220.66	194.86	23.63	174.37	166.56	20.86
		73	278.30	207.04	12.31	278.30	199.89	23.36	278.30	183.58	25.58	225.37	161.46	24.06	178.10	138.00	21.25
8,280	75	61	246.01	217.68	11.71	246.01	210.16	22.23	246.01	193.02	24.34	199.22	169.76	22.90	157.44	145.10	20.22
		67	271.97	163.71	12.08	271.97	158.06	22.93	271.97	145.16	25.11	220.24	127.67	23.62	174.05	109.12	20.86
		73	292.39	72.83	12.31	292.39	70.31	23.36	292.39	64.58	25.58	236.78	56.80	24.06	187.11	48.54	21.25
	80	61	256.65	249.33	11.75	256.65	240.72	22.30	256.65	221.09	24.42	207.84	194.44	22.97	164.24	163.92	20.28
		67	276.87	206.27	12.12	276.87	199.15	23.00	276.87	182.90	25.19	224.21	160.86	23.70	177.18	137.49	20.93
		73	292.53	134.57	12.34	292.53	129.92	23.43	292.53	119.32	25.65	236.89	104.94	24.13	187.20	89.70	21.31
	85	61	266.35	265.82	11.78	266.35	264.00	22.36	266.35	242.47	24.49	215.69	213.24	23.04	170.45	170.11	20.34
		67	280.84	246.86	12.16	280.84	238.34	23.07	280.84	218.90	25.26	227.42	192.52	23.77	179.72	164.55	20.99
		73	291.70	186.52	12.38	291.70	180.08	23.50	291.70	165.39	25.73	236.22	145.45	24.20	186.68	124.33	21.37
	90	61	275.10	274.55	11.82	275.10	274.55	22.43	275.10	256.16	24.56	222.78	222.34	23.11	176.05	175.70	20.41
		67	283.86	275.42	12.19	283.86	265.91	23.14	283.86	244.22	25.34	229.87	214.79	23.84	181.66	181.29	21.05
		73	289.93	228.23	12.42	289.93	220.35	23.57	289.93	202.37	25.81	234.79	177.98	24.28	185.54	152.13	21.44
9,200	75	61	253.40	236.90	11.84	253.40	228.72	22.47	253.40	210.06	24.60	205.21	184.74	23.15	162.16	157.91	20.44
		67	280.15	178.17	12.21	280.15	172.01	23.18	280.15	157.98	25.38	226.87	138.94	23.88	179.28	118.76	21.08
		73	301.20	79.29	12.44	301.20	76.56	23.61	301.20	70.31	25.85	243.91	61.84	24.32	192.75	52.85	21.47
	80	61	264.38	263.85	11.87	264.38	262.01	22.54	264.38	240.63	24.68	214.10	211.63	23.21	169.19	168.85	20.50
		67	285.20	224.50	12.25	285.20	216.75	23.25	285.20	199.07	25.46	230.96	175.08	23.95	182.51	149.65	21.15
		73	301.34	146.47	12.48	301.34	141.41	23.68	301.34	129.87	25.93	244.03	114.22	24.39	192.84	97.63	21.54
	85	61	274.36	273.81	11.91	274.36	273.81	22.60	274.36	263.89	24.75	222.18	221.74	23.28	175.58	175.23	20.56
		67	289.31	268.69	12.29	289.31	259.41	23.32	289.31	238.25	25.53	234.28	209.53	24.02	185.14	179.10	21.21
		73	300.49	203.00	12.51	300.49	195.99	23.75	300.49	180.00	26.01	243.34	158.31	24.46	192.30	135.31	21.60
	90	61	283.37	282.81	11.94	283.37	282.81	22.67	283.37	278.78	24.83	229.48	229.02	23.35	181.35	180.98	20.62
		67	292.42	291.83	12.32	292.42	289.41	23.39	292.42	265.80	25.61	236.80	233.76	24.09	187.13	186.76	21.27
		73	298.66	248.39	12.55	298.66	239.81	23.82	298.66	220.25	26.08	241.86	193.71	24.54	191.13	165.57	21.67
10,120	75	61	258.22	253.55	11.90	258.22	244.80	22.59	258.22	224.83	24.74	209.11	197.73	23.27	165.25	164.92	20.55
		67	285.46	190.69	12.28	285.46	184.11	23.31	285.46	169.09	25.52	231.17	148.71	24.01	182.68	127.11	21.20
		73	306.90	84.86	12.51	306.90	81.93	23.74	306.90	75.25	25.99	248.53	66.18	24.45	196.40	56.57	21.59
	80	61	269.40	268.86	11.94	269.40	268.86	22.66	269.40	257.52	24.82	218.16	217.73	23.34	172.40	172.06	20.61
		67	290.62	240.26	12.32	290.62	231.97	23.38	290.62	213.04	25.60	235.35	187.37	24.08	185.98	160.15	21.27
		73	307.05	156.75	12.54	307.05	151.34	23.81	307.05	138.99	26.07	248.65	122.24	24.52	196.49	104.48	21.66
	85	61	279.58	279.02	11.98	279.58	279.02	22.73	279.58	279.02	24.89	226.41	225.95	23.41	178.92	178.56	20.68
		67	294.78	287.59	12.35	294.78	277.66	23.45	294.78	255.01	25.67	238.72	224.27	24.15	188.65	188.27	21.33
		73	306.19	217.27	12.58	306.19	209.77	23.88	306.19	192.66	26.15	247.96	169.44	24.60	195.95	144.83	21.72
	90	61	288.74	288.16	12.01	288.74	288.16	22.80	288.74	288.16	24.96	233.82	233.35	23.48	184.78	184.41	20.74
		67	297.95	297.35	12.39	297.95	297.35	23.52	297.95	284.47	25.75	241.28	240.80	24.22	190.67	190.29	21.39
		73	304.34	265.86	12.62	304.34	256.68	23.95	304.34	235.74	26.23	246.45	207.33	24.67	194.76	177.21	21.79
11,040	75	61	260.56	260.04	11.97	260.56	259.24	22.72	260.56	238.09	24.88	211.00	209.39	23.40	166.75	166.41	20.67
		67	288.05	201.92	12.35	288.05	194.95	23.43	288.05	179.04	25.66	233.27	157.46	24.14	184.34	134.59	21.32
		73	309.70	89.85	12.58	309.70	86.74	23.87	309.70	79.67	26.14	250.80	70.07	24.59	198.19	59.89	21.71
	80	61	271.85	271.31	12.01	271.85	271.31	22.79	271.85	271.31	24.95	220.15	219.71	23.47	173.97	173.62	20.73
		67	293.24	254.45	12.39	293.24	245.67	23.51	293.24	225.62	25.74	237.47	198.43	24.22	187.66	169.61	21.38
		73	309.84	166.00	12.61	309.84	160.27	23.94	309.84	147.19	26.22	250.91	129.45	24.66	198.28	110.65	21.78
	85	61	282.12	281.56	12.04	282.12	281.56	22.85	282.12	281.56	25.03	228.46	228.01	23.54	180.54	180.18	20.79
		67	297.46	296.87	12.42	297.46	294.00	23.58	297.46	270.02	25.82	240.89	237.48	24.29	190.36	189.98	21.45
		73	308.99	230.07	12.65	308.99	222.13	24.01	308.99	204.01	26.30	250.22	179.42	24.74	197.74	153.36	21.84
	90	61	291.36	290.78	12.08	291.36	290.78	22.92	291.36	290.78	25.10	235.95	235.47	23.61	186.46	186.08	20.85
		67	300.66	300.06	12.46	300.66	300.06	23.65	300.66	300.06	25.89	243.48	242.99	24.36	192.41	192.02	21.51
		73	307.10	281.53	12.69	307.10	271.81	24.08	307.10	249.63	26.37	248.69	219.55	24.81	196.53	187.66	21.91

Note

1. DB : Dry bulb temperature(°F), WB : Wet bulb temperature(°F), CFM : Cubic ft per minute
2. TGC : Total Gross Cooling Capacity(MBH = kBtu/h), SHC : Sensible Heating Capacity(MBH = kBtu/h)
   PI : Power Input (kW, Compressor + outdoor fan power input)
3. All capacities and power input values are gross values. A deduction (cooling mode) of Capacity due to operating heat of indoor unit motor is not reflected.
   - Net Cooling Capacity = TGC - Fan motor heat (Refer to the Fan performance data)
4. Direct interpolation is permissible. Do not extrapolate.
5. Rated capacities and power inputs are based on standard conditions(ambient temperature, etc). Except for rated value, the performance is not guaranteed. In accordance with the test standard(or nations), the rating could be varied slightly.
6. The rated capacity at the outdoor temperature of 81.5 °FDB is the same as that at IEER B test condition.
   The rated capacity at the outdoor temeprature of 95.0 °FDB is the same as that at IEER A test condition.

7. Capacity Tables

7.2 Heating Capacity

◆ 7.5RT AK-W090LH00 (SI)

Air Flow Rate	Outdoor Air Temperature	Indoor Air Temperature (℃ DB)									
		16.0		18.0		20.0		22.0		24.0	
l/s	℃ WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
1,133	-15	19.1	6.9	18.1	7.4	18.8	8.0	18.7	8.5	18.6	9.1
	-10	22.7	8.0	22.6	8.5	22.4	9.0	22.2	9.5	22.2	10.0
	-5	26.2	9.0	26.1	9.5	26.0	10.0	24.9	9.5	23.9	9.1
	0	28.7	10.0	27.4	9.5	26.0	9.0	24.9	8.6	23.9	8.1
	6	28.7	8.6	27.4	8.2	26.0	7.8	24.9	7.3	23.9	6.9
	10	28.7	8.0	27.4	7.4	26.0	6.9	24.9	6.6	23.9	6.2
	15	28.7	6.9	27.4	6.4	26.0	5.9	24.9	5.6	23.9	5.3
	18	28.7	6.3	27.4	5.8	26.0	5.3	24.9	5.0	23.9	4.8
1,416	-15	19.4	6.3	18.4	6.8	19.1	7.3	19.0	7.7	18.9	8.3
	-10	23.0	7.3	22.9	7.7	22.8	8.2	22.6	8.7	22.5	9.1
	-5	26.7	8.2	26.6	8.7	26.4	9.1	25.3	8.7	24.3	8.3
	0	29.2	9.1	27.8	8.7	26.4	8.2	25.3	7.8	24.3	7.4
	6	29.2	7.8	27.8	7.4	26.4	7.1	25.3	6.7	24.3	6.3
	10	29.2	7.3	27.8	6.8	26.4	6.3	25.3	6.0	24.3	5.7
	15	29.2	6.3	27.8	5.8	26.4	5.4	25.3	5.1	24.3	4.8
	18	29.2	5.7	27.8	5.3	26.4	4.8	25.3	4.5	24.3	4.3
1,700	-15	19.8	5.4	18.8	5.8	19.5	6.3	19.4	6.7	19.3	7.1
	-10	23.5	6.3	23.4	6.7	23.2	7.1	23.1	7.5	23.0	7.9
	-5	27.2	7.1	27.1	7.5	26.9	7.9	25.8	7.5	24.7	7.1
	0	29.8	7.9	28.4	7.5	26.9	7.1	25.8	6.7	24.7	6.3
	6	29.8	6.7	28.4	6.4	26.9	6.1	25.8	5.8	24.7	5.4
	10	29.8	6.3	28.4	5.8	26.9	5.4	25.8	5.2	24.7	4.9
	15	29.8	5.4	28.4	5.0	26.9	4.6	25.8	4.4	24.7	4.1
	18	29.8	5.0	28.4	4.5	26.9	4.1	25.8	3.9	24.7	3.7

Note

1. DB : Dry bulb temperature(℃), WB : Wet bulb temperature(℃), l/s : Liters per second
2. TC : Total Capacity(kW)
   PI : Power Input (kW, Compressor + outdoor fan power input)

◆ 7.5RT AK-W090LH00 (English)

Air Flow Rate	Outdoor Air Temperature	Indoor Air Temperature (°F DB)									
		61.0		64.0		68.0		72.0		75.0	
CFM	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
2,400	5	65.1	6.9	61.8	7.4	64.3	8.0	63.7	8.5	63.4	9.1
	14	77.3	8.0	77.0	8.5	76.5	9.0	75.9	9.5	75.6	10.0
	23	89.5	9.0	89.2	9.5	88.7	10.0	85.1	9.5	81.5	9.1
	32	98.1	10.0	93.4	9.5	88.7	9.0	85.1	8.6	81.5	8.1
	43	98.1	8.6	93.4	8.2	88.7	7.8	85.1	7.3	81.5	6.9
	50	98.1	8.0	93.4	7.4	88.7	6.9	85.1	6.6	81.5	6.2
	59	98.1	6.9	93.4	6.4	88.7	5.9	85.1	5.6	81.5	5.3
	64	98.1	6.3	93.4	5.8	88.7	5.3	85.1	5.0	81.5	4.8
3,000	5	66.2	6.3	62.8	6.8	65.3	7.3	64.8	7.7	64.5	8.3
	14	78.5	7.3	78.3	7.7	77.7	8.2	77.1	8.7	76.9	9.1
	23	90.9	8.2	90.7	8.7	90.1	9.1	86.4	8.7	82.8	8.3
	32	99.7	9.1	94.9	8.7	90.1	8.2	86.4	7.8	82.8	7.4
	43	99.7	7.8	94.9	7.4	90.1	7.1	86.4	6.7	82.8	6.3
	50	99.7	7.3	94.9	6.8	90.1	6.3	86.4	6.0	82.8	5.7
	59	99.7	6.3	94.9	5.8	90.1	5.4	86.4	5.1	82.8	4.8
	64	99.7	5.7	94.9	5.3	90.1	4.8	86.4	4.5	82.8	4.3
3,600	5	67.5	5.4	64.0	5.8	66.6	6.3	66.0	6.7	65.8	7.1
	14	80.1	6.3	79.8	6.7	79.3	7.1	78.7	7.5	78.4	7.9
	23	92.8	7.1	92.5	7.5	91.9	7.9	88.2	7.5	84.4	7.1
	32	101.7	7.9	96.8	7.5	91.9	7.1	88.2	6.7	84.4	6.3
	43	101.7	6.7	96.8	6.4	91.9	6.1	88.2	5.8	84.4	5.4
	50	101.7	6.3	96.8	5.8	91.9	5.4	88.2	5.2	84.4	4.9
	59	101.7	5.4	96.8	5.0	91.9	4.6	88.2	4.4	84.4	4.1
	64	101.7	5.0	96.8	4.5	91.9	4.1	88.2	3.9	84.4	3.7

Note

1. DB : Dry bulb temperature(°F), WB : Wet bulb temperature(°F), CFM : Cubic ft per minute
2. TC : Total Capacity(MBH = kBtu/h)
   PI : Power Input (kW, Compressor + outdoor fan power input)

7. Capacity Tables

◆ 10RT AK-W120LH00 (SI)

Air Flow Rate	Outdoor Air Temperature	Indoor Air Temperature (℃ DB)									
		16.0		18.0		20.0		22.0		24.0	
l/s	℃ WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
1,510	-15	24.8	9.0	23.5	9.7	24.5	10.3	24.3	11.0	24.1	11.8
	-10	29.4	10.3	29.3	11.0	29.1	11.7	28.9	12.4	28.8	13.0
	-5	34.1	11.7	34.0	12.4	33.7	13.0	32.4	12.4	31.0	11.8
	0	37.3	13.0	35.5	12.4	33.7	11.7	32.4	11.1	31.0	10.5
	6	37.3	11.1	35.5	10.6	33.7	10.1	32.4	9.5	31.0	9.0
	10	37.3	10.3	35.5	9.7	33.7	9.0	32.4	8.6	31.0	8.1
	15	37.3	9.0	35.5	8.3	33.7	7.7	32.4	7.3	31.0	6.9
	18	37.3	8.2	35.5	7.5	33.7	6.9	32.4	6.4	31.0	6.2
1,888	-15	25.2	8.2	23.9	8.8	24.9	9.4	24.6	10.0	24.5	10.8
	-10	29.9	9.4	29.8	10.0	29.6	10.6	29.4	11.3	29.3	11.9
	-5	34.6	10.6	34.5	11.3	34.3	11.9	32.9	11.3	31.5	10.8
	0	37.9	11.9	36.1	11.3	34.3	10.6	32.9	10.2	31.5	9.5
	6	37.9	10.2	36.1	9.7	34.3	9.2	32.9	8.7	31.5	8.2
	10	37.9	9.4	36.1	8.8	34.3	8.2	32.9	7.8	31.5	7.3
	15	37.9	8.2	36.1	7.6	34.3	7.0	32.9	6.6	31.5	6.2
	18	37.9	7.5	36.1	6.9	34.3	6.2	32.9	5.9	31.5	5.6
2,265	-15	25.7	7.1	24.4	7.6	25.4	8.1	25.1	8.6	25.0	9.3
	-10	30.5	8.1	30.4	8.6	30.2	9.2	29.9	9.7	29.8	10.2
	-5	35.3	9.2	35.2	9.7	35.0	10.2	33.6	9.7	32.1	9.3
	0	38.7	10.2	36.8	9.7	35.0	9.2	33.6	8.8	32.1	8.2
	6	38.7	8.8	36.8	8.3	35.0	7.9	33.6	7.5	32.1	7.1
	10	38.7	8.1	36.8	7.6	35.0	7.1	33.6	6.7	32.1	6.3
	15	38.7	7.1	36.8	6.5	35.0	6.0	33.6	5.7	32.1	5.4
	18	38.7	6.4	36.8	5.9	35.0	5.4	33.6	5.1	32.1	4.9

Note

1. DB : Dry bulb temperature(℃), WB : Wet bulb temperature(℃), l/s : Liters per second
2. TC : Total Capacity(kW)
   PI : Power Input (kW, Compressor + outdoor fan power input)

◆ 10RT AK-W120LH00 (English)

Air Flow Rate	Outdoor Air Temperature	Indoor Air Temperature (°F DB)									
		61.0		64.0		68.0		72.0		75.0	
CFM	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
3,200	5	84.6	9.0	80.2	9.7	83.5	10.3	82.8	11.0	82.4	11.8
	14	100.4	10.3	100.0	11.0	99.3	11.7	98.6	12.4	98.2	13.0
	23	116.2	11.7	115.9	12.4	115.1	13.0	110.5	12.4	105.8	11.8
	32	127.4	13.0	121.3	12.4	115.1	11.7	110.5	11.1	105.8	10.5
	43	127.4	11.1	121.3	10.6	115.1	10.1	110.5	9.5	105.8	9.0
	50	127.4	10.3	121.3	9.7	115.1	9.0	110.5	8.6	105.8	8.1
	59	127.4	9.0	121.3	8.3	115.1	7.7	110.5	7.3	105.8	6.9
	64	127.4	8.2	121.3	7.5	115.1	6.9	110.5	6.4	105.8	6.2
4,000	5	85.9	8.2	81.5	8.8	84.8	9.4	84.1	10.0	83.7	10.8
	14	102.0	9.4	101.6	10.0	100.9	10.6	100.2	11.3	99.8	11.9
	23	118.1	10.6	117.7	11.3	117.0	11.9	112.2	11.3	107.5	10.8
	32	129.4	11.9	123.2	11.3	117.0	10.6	112.2	10.2	107.5	9.5
	43	129.4	10.2	123.2	9.7	117.0	9.2	112.2	8.7	107.5	8.2
	50	129.4	9.4	123.2	8.8	117.0	8.2	112.2	7.8	107.5	7.3
	59	129.4	8.2	123.2	7.6	117.0	7.0	112.2	6.6	107.5	6.2
	64	129.4	7.5	123.2	6.9	117.0	6.2	112.2	5.9	107.5	5.6
4,800	5	87.6	7.1	83.2	7.6	86.5	8.1	85.8	8.6	85.4	9.3
	14	104.0	8.1	103.7	8.6	102.9	9.2	102.2	9.7	101.8	10.2
	23	120.5	9.2	120.1	9.7	119.3	10.2	114.5	9.7	109.6	9.3
	32	132.0	10.2	125.7	9.7	119.3	9.2	114.5	8.8	109.6	8.2
	43	132.0	8.8	125.7	8.3	119.3	7.9	114.5	7.5	109.6	7.1
	50	132.0	8.1	125.7	7.6	119.3	7.1	114.5	6.7	109.6	6.3
	59	132.0	7.1	125.7	6.5	119.3	6.0	114.5	5.7	109.6	5.4
	64	132.0	6.4	125.7	5.9	119.3	5.4	114.5	5.1	109.6	4.9

Note

1. DB : Dry bulb temperature(°F), WB : Wet bulb temperature(°F), CFM : Cubic ft per minute
2. TC : Total Capacity(MBH = kBtu/h)
   PI : Power Input (kW, Compressor + outdoor fan power input)

7. Capacity Tables

◆ 15RT AK-W180LH00 (SI)

Air Flow Rate	Outdoor Air Temperature	Indoor Air Temperature (℃ DB)									
		16.0		18.0		20.0		22.0		24.0	
l/s	℃ WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
2,265	-15	36.9	13.0	35.0	14.0	36.4	15.0	36.1	16.0	35.9	17.1
	-10	43.8	15.0	43.6	16.0	43.3	16.9	43.0	17.9	42.8	18.9
	-5	50.7	16.9	50.5	17.9	50.2	18.9	48.1	17.9	46.1	17.1
	0	55.5	18.9	52.9	17.9	50.2	16.9	48.1	16.2	46.1	15.2
	6	55.5	16.2	52.9	15.4	50.2	14.6	48.1	13.8	46.1	13.0
	10	55.5	15.0	52.9	14.0	50.2	13.0	48.1	12.5	46.1	11.7
	15	55.5	13.0	52.9	12.1	50.2	11.1	48.1	10.5	46.1	9.9
	18	55.5	11.9	52.9	10.9	50.2	9.9	48.1	9.3	46.1	9.0
2,832	-15	37.4	11.9	35.5	12.8	37.0	13.7	36.7	14.5	36.5	15.6
	-10	44.5	13.7	44.3	14.5	44.0	15.4	43.7	16.3	43.5	17.2
	-5	51.5	15.4	51.3	16.3	51.0	17.2	48.9	16.3	46.9	15.6
	0	56.4	17.2	53.7	16.3	51.0	15.4	48.9	14.7	46.9	13.8
	6	56.4	14.7	53.7	14.0	51.0	13.3	48.9	12.6	46.9	11.9
	10	56.4	13.7	53.7	12.8	51.0	11.9	48.9	11.3	46.9	10.6
	15	56.4	11.9	53.7	11.0	51.0	10.1	48.9	9.6	46.9	9.0
	18	56.4	10.8	53.7	9.9	51.0	9.0	48.9	8.5	46.9	8.2
3,398	-15	38.2	10.2	36.2	11.0	37.7	11.8	37.4	12.5	37.2	13.4
	-10	45.3	11.8	45.2	12.5	44.9	13.3	44.5	14.1	44.4	14.8
	-5	52.5	13.3	52.3	14.1	52.0	14.8	49.9	14.1	47.8	13.4
	0	57.5	14.8	54.8	14.1	52.0	13.3	49.9	12.7	47.8	11.9
	6	57.5	12.7	54.8	12.1	52.0	11.5	49.9	10.8	47.8	10.2
	10	57.5	11.8	54.8	11.0	52.0	10.2	49.9	9.8	47.8	9.2
	15	57.5	10.2	54.8	9.5	52.0	8.7	49.9	8.3	47.8	7.8
	18	57.5	9.3	54.8	8.6	52.0	7.8	49.9	7.3	47.8	7.0

Note

1. DB : Dry bulb temperature(℃), WB : Wet bulb temperature(℃), l/s : Liters per second
2. TC : Total Capacity(kW)
   PI : Power Input (kW, Compressor + outdoor fan power input)

◆ 15RT AK-W180LH00 (English)

Air Flow Rate	Outdoor Air Temperature	Indoor Air Temperature (°F DB)									
		61.0		64.0		68.0		72.0		75.0	
CFM	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
4,800	5	125.8	13.0	119.3	14.0	124.2	15.0	123.1	16.0	122.5	17.1
	14	149.3	15.0	148.8	16.0	147.7	16.9	146.6	17.9	146.1	18.9
	23	172.9	16.9	172.3	17.9	171.2	18.9	164.3	17.9	157.3	17.1
	32	189.4	18.9	180.3	17.9	171.2	16.9	164.3	16.2	157.3	15.2
	43	189.4	16.2	180.3	15.4	171.2	14.6	164.3	13.8	157.3	13.0
	50	189.4	15.0	180.3	14.0	171.2	13.0	164.3	12.5	157.3	11.7
	59	189.4	13.0	180.3	12.1	171.2	11.1	164.3	10.5	157.3	9.9
	64	189.4	11.9	180.3	10.9	171.2	9.9	164.3	9.3	157.3	9.0
6,000	5	127.8	11.9	121.3	12.8	126.2	13.7	125.1	14.5	124.5	15.6
	14	151.7	13.7	151.2	14.5	150.1	15.4	149.0	16.3	148.4	17.2
	23	175.6	15.4	175.1	16.3	174.0	17.2	166.9	16.3	159.9	15.6
	32	192.5	17.2	183.2	16.3	174.0	15.4	166.9	14.7	159.9	13.8
	43	192.5	14.7	183.2	14.0	174.0	13.3	166.9	12.6	159.9	11.9
	50	192.5	13.7	183.2	12.8	174.0	11.9	166.9	11.3	159.9	10.6
	59	192.5	11.9	183.2	11.0	174.0	10.1	166.9	9.6	159.9	9.0
	64	192.5	10.8	183.2	9.9	174.0	9.0	166.9	8.5	159.9	8.2
7,200	5	130.3	10.2	123.7	11.0	128.7	11.8	127.6	12.5	127.0	13.4
	14	154.7	11.8	154.2	12.5	153.1	13.3	152.0	14.1	151.4	14.8
	23	179.1	13.3	178.6	14.1	177.5	14.8	170.3	14.1	163.1	13.4
	32	196.3	14.8	186.9	14.1	177.5	13.3	170.3	12.7	163.1	11.9
	43	196.3	12.7	186.9	12.1	177.5	11.5	170.3	10.8	163.1	10.2
	50	196.3	11.8	186.9	11.0	177.5	10.2	170.3	9.8	163.1	9.2
	59	196.3	10.2	186.9	9.5	177.5	8.7	170.3	8.3	163.1	7.8
	64	196.3	9.3	186.9	8.6	177.5	7.8	170.3	7.3	163.1	7.0

Note

1. DB : Dry bulb temperature(°F), WB : Wet bulb temperature(°F), CFM : Cubic ft per minute
2. TC : Total Capacity(MBH = kBtu/h)
   PI : Power Input (kW, Compressor + outdoor fan power input)

7. Capacity Tables

◆ 20RT AK-W240LC00 / AK-W240LH00 (SI)

Air Flow Rate	Outdoor Air Temperature	Indoor Air Temperature (℃ DB)									
		16.0		18.0		20.0		22.0		24.0	
l/s	℃ WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
3,021	-15	47.2	18.2	44.9	17.4	42.6	16.5	39.2	15.7	39.2	14.9
	-10	57.0	21.1	54.3	20.2	51.5	19.2	47.4	18.3	47.4	17.3
	-5	66.8	24.1	63.6	23.0	60.3	21.9	55.5	20.8	55.5	19.7
	0	76.6	27.0	72.9	25.8	69.2	24.6	63.7	23.3	63.7	22.1
	6	76.6	23.5	72.9	22.5	69.2	21.4	63.7	20.3	63.7	19.2
	10	76.6	21.1	72.9	20.2	69.2	19.2	63.7	18.3	63.7	17.3
	15	76.6	18.2	72.9	17.4	69.2	16.5	63.7	15.7	63.7	14.9
	18	76.6	16.4	72.9	15.7	69.2	14.9	63.7	14.2	63.7	13.4
3,776	-15	48.0	16.6	45.6	15.9	43.3	15.1	39.9	14.4	39.9	13.6
	-10	58.0	19.3	55.1	18.5	52.4	17.6	48.2	16.7	48.2	15.8
	-5	67.9	22.0	64.6	21.0	61.3	20.0	56.4	19.0	56.4	18.0
	0	77.9	24.7	74.1	23.6	70.3	22.4	64.7	21.3	64.7	20.2
	6	77.9	21.5	74.1	20.5	70.3	19.5	64.7	18.6	64.7	17.6
	10	77.9	19.3	74.1	18.5	70.3	17.6	64.7	16.7	64.7	15.8
	15	77.9	16.6	74.1	15.9	70.3	15.1	64.7	14.4	64.7	13.6
	18	77.9	15.0	74.1	14.3	70.3	13.6	64.7	13.0	64.7	12.3
4,531	-15	48.9	15.9	46.6	15.2	44.2	14.4	40.7	13.7	40.7	13.0
	-10	59.1	18.4	56.2	17.6	53.4	16.8	49.1	15.9	49.1	15.1
	-5	69.3	21.0	65.9	20.1	62.6	19.1	57.5	18.2	57.5	17.2
	0	79.4	23.6	75.6	22.5	71.7	21.4	66.0	20.4	66.0	19.3
	6	79.4	20.5	75.6	19.6	71.7	18.6	66.0	17.7	66.0	16.8
	10	79.4	18.4	75.6	17.6	71.7	16.8	66.0	15.9	66.0	15.1
	15	79.4	15.9	75.6	15.2	71.7	14.4	66.0	13.7	66.0	13.0
	18	79.4	14.3	75.6	13.7	71.7	13.0	66.0	12.4	66.0	11.7

Note

1. DB : Dry bulb temperature(℃), WB : Wet bulb temperature(℃), l/s : Liters per second
2. TC : Total Capacity(kW)
   PI : Power Input (kW, Compressor + outdoor fan power input)

◆ 20RT AK-W240LC00 / AK-W240LH00 (English)

Air Flow Rate	Outdoor Air Temperature	Indoor Air Temperature (°F DB)									
		61.0		64.0		68.0		72.0		75.0	
CFM	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
6,400	5	161.1	18.2	153.3	17.4	145.5	16.5	133.8	15.7	133.8	14.9
	14	194.6	21.1	185.1	20.2	175.8	19.2	161.7	18.3	161.7	17.3
	23	228.0	24.1	216.9	23.0	205.9	21.9	189.4	20.8	189.4	19.7
	32	261.5	27.0	248.8	25.8	236.2	24.6	217.3	23.3	217.3	22.1
	43	261.5	23.5	248.8	22.5	236.2	21.4	217.3	20.3	217.3	19.2
	50	261.5	21.1	248.8	20.2	236.2	19.2	217.3	18.3	217.3	17.3
	59	261.5	18.2	248.8	17.4	236.2	16.5	217.3	15.7	217.3	14.9
	64	261.5	16.4	248.8	15.7	236.2	14.9	217.3	14.2	217.3	13.4
8,000	5	163.7	16.6	155.8	15.9	147.9	15.1	136.0	14.4	136.0	13.6
	14	197.8	19.3	188.2	18.5	178.6	17.6	164.3	16.7	164.3	15.8
	23	231.7	22.0	220.4	21.0	209.3	20.0	192.5	19.0	192.5	18.0
	32	265.8	24.7	252.8	23.6	240.0	22.4	220.8	21.3	220.8	20.2
	43	265.8	21.5	252.8	20.5	240.0	19.5	220.8	18.6	220.8	17.6
	50	265.8	19.3	252.8	18.5	240.0	17.6	220.8	16.7	220.8	15.8
	59	265.8	16.6	252.8	15.9	240.0	15.1	220.8	14.4	220.8	13.6
	64	265.8	15.0	252.8	14.3	240.0	13.6	220.8	13.0	220.8	12.3
9,600	5	167.0	15.9	158.9	15.2	150.8	14.4	138.7	13.7	138.7	13.0
	14	201.7	18.4	191.9	17.6	182.2	16.8	167.6	15.9	167.6	15.1
	23	236.3	21.0	224.8	20.1	213.4	19.1	196.3	18.2	196.3	17.2
	32	271.1	23.6	257.9	22.5	244.8	21.4	225.2	20.4	225.2	19.3
	43	271.1	20.5	257.9	19.6	244.8	18.6	225.2	17.7	225.2	16.8
	50	271.1	18.4	257.9	17.6	244.8	16.8	225.2	15.9	225.2	15.1
	59	271.1	15.9	257.9	15.2	244.8	14.4	225.2	13.7	225.2	13.0
	64	271.1	14.3	257.9	13.7	244.8	13.0	225.2	12.4	225.2	11.7

Note

1. DB : Dry bulb temperature(°F), WB : Wet bulb temperature(°F), CFM : Cubic ft per minute
2. TC : Total Capacity(MBH = kBtu/h)
   PI : Power Input (kW, Compressor + outdoor fan power input)

7. Capacity Tables

◆ 25RT AK-W300LC00 / AK-W300LH00 (SI)

Air Flow Rate	Outdoor Air Temperature	Indoor Air Temperature (℃ DB)									
		16.0		18.0		20.0		22.0		24.0	
l/s	℃ WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
3,474	-15	54.3	20.9	51.7	20.0	49.0	19.0	45.1	18.1	45.1	17.1
	-10	65.6	24.3	62.4	23.2	59.2	22.1	54.5	21.0	54.5	19.9
	-5	76.8	27.7	73.1	26.5	69.4	25.2	63.8	24.0	63.8	22.7
	0	88.1	31.1	83.9	29.7	79.6	28.2	73.2	26.8	73.2	25.4
	6	88.1	27.0	83.9	25.8	79.6	24.6	73.2	23.4	73.2	22.1
	10	88.1	24.3	83.9	23.2	79.6	22.1	73.2	21.0	73.2	19.9
	15	88.1	20.9	83.9	20.0	79.6	19.0	73.2	18.1	73.2	17.1
	18	88.1	18.9	83.9	18.1	79.6	17.2	73.2	16.3	73.2	15.5
4,342	-15	55.2	19.1	52.5	18.3	49.8	17.4	45.8	16.5	45.8	15.6
	-10	66.7	22.2	63.4	21.2	60.2	20.2	55.4	19.2	55.4	18.2
	-5	78.1	25.3	74.3	24.2	70.5	23.0	64.9	21.9	64.9	20.7
	0	89.6	28.4	85.2	27.1	80.9	25.8	74.4	24.5	74.4	23.2
	6	89.6	24.7	85.2	23.6	80.9	22.4	74.4	21.3	74.4	20.2
	10	89.6	22.2	85.2	21.2	80.9	20.2	74.4	19.2	74.4	18.2
	15	89.6	19.1	85.2	18.3	80.9	17.4	74.4	16.5	74.4	15.6
	18	89.6	17.3	85.2	16.5	80.9	15.7	74.4	14.9	74.4	14.1
5,211	-15	56.3	18.2	53.5	17.4	50.8	16.6	46.8	15.8	46.8	14.9
	-10	68.0	21.2	64.7	20.3	61.4	19.3	56.5	18.3	56.5	17.3
	-5	79.7	24.2	75.8	23.1	71.9	22.0	66.2	20.9	66.2	19.8
	0	91.4	27.1	86.9	25.9	82.5	24.6	75.9	23.4	75.9	22.2
	6	91.4	23.6	86.9	22.5	82.5	21.4	75.9	20.4	75.9	19.3
	10	91.4	21.2	86.9	20.3	82.5	19.3	75.9	18.3	75.9	17.3
	15	91.4	18.2	86.9	17.4	82.5	16.6	75.9	15.8	75.9	14.9
	18	91.4	16.5	86.9	15.7	82.5	15.0	75.9	14.2	75.9	13.5

Note

1. DB : Dry bulb temperature(℃), WB : Wet bulb temperature(℃), l/s : Liters per second
2. TC : Total Capacity(kW)
   PI : Power Input (kW, Compressor + outdoor fan power input)

◆ 25RT AK-W300LC00 / AK-W300LH00 (English)

Air Flow Rate	Outdoor Air Temperature	Indoor Air Temperature (°F DB)									
		61.0		64.0		68.0		72.0		75.0	
CFM	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
7,360	5	185.3	20.9	176.3	20.0	167.3	19.0	153.9	18.1	153.9	17.1
	14	223.8	24.3	212.9	23.2	202.1	22.1	185.9	21.0	185.9	19.9
	23	262.2	27.7	249.4	26.5	236.8	25.2	217.8	24.0	217.8	22.7
	32	300.7	31.1	286.1	29.7	271.6	28.2	249.9	26.8	249.9	25.4
	43	300.7	27.0	286.1	25.8	271.6	24.6	249.9	23.4	249.9	22.1
	50	300.7	24.3	286.1	23.2	271.6	22.1	249.9	21.0	249.9	19.9
	59	300.7	20.9	286.1	20.0	271.6	19.0	249.9	18.1	249.9	17.1
	64	300.7	18.9	286.1	18.1	271.6	17.2	249.9	16.3	249.9	15.5
9,200	5	188.3	19.1	179.1	18.3	170.0	17.4	156.4	16.5	156.4	15.6
	14	227.5	22.2	216.4	21.2	205.4	20.2	189.0	19.2	189.0	18.2
	23	266.5	25.3	253.5	24.2	240.7	23.0	221.4	21.9	221.4	20.7
	32	305.6	28.4	290.8	27.1	276.0	25.8	253.9	24.5	253.9	23.2
	43	305.6	24.7	290.8	23.6	276.0	22.4	253.9	21.3	253.9	20.2
	50	305.6	22.2	290.8	21.2	276.0	20.2	253.9	19.2	253.9	18.2
	59	305.6	19.1	290.8	18.3	276.0	17.4	253.9	16.5	253.9	15.6
	64	305.6	17.3	290.8	16.5	276.0	15.7	253.9	14.9	253.9	14.1
11,040	5	192.0	18.2	182.7	17.4	173.4	16.6	159.5	15.8	159.5	14.9
	14	232.0	21.2	220.7	20.3	209.5	19.3	192.7	18.3	192.7	17.3
	23	271.8	24.2	258.6	23.1	245.4	22.0	225.8	20.9	225.8	19.8
	32	311.7	27.1	296.6	25.9	281.5	24.6	259.0	23.4	259.0	22.2
	43	311.7	23.6	296.6	22.5	281.5	21.4	259.0	20.4	259.0	19.3
	50	311.7	21.2	296.6	20.3	281.5	19.3	259.0	18.3	259.0	17.3
	59	311.7	18.2	296.6	17.4	281.5	16.6	259.0	15.8	259.0	14.9
	64	311.7	16.5	296.6	15.7	281.5	15.0	259.0	14.2	259.0	13.5

Note

1. DB : Dry bulb temperature(°F), WB : Wet bulb temperature(°F), CFM : Cubic ft per minute
2. TC : Total Capacity(MBH = kBtu/h)
   PI : Power Input (kW, Compressor + outdoor fan power input)

8. Fan Performance data

■ Evaporator Fan Performance Data AK-W090LH00 (SI)

l/s	ESP (mm.Aq)																			
	2.54		5.08		7.62*		10.16		12.7		15.2		17.8		20.3		22.9		25.4	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
1,133	730	0.25	770	0.30	800	0.33	870	0.43	910	0.48	970	0.57	1,010	0.64	1,050	0.70	1,090	0.76	1,130	0.84
1,274	800	0.31	840	0.38	860	0.41	930	0.51	970	0.57	1,020	0.67	1,050	0.72	1,100	0.81	1,130	0.85	1,180	0.90
1,416	870	0.40	910	0.46	930	0.51	990	0.61	1,030	0.68	1,070	0.76	1,110	0.85	1,150	0.88	1,170	0.92	1,200	0.96
1,557	940	0.48	970	0.53	1,000	0.59	1,040	0.69	1,080	0.78	1,130	0.89	1,160	0.90	1,180	0.94	1,210	1.00	1,230	1.05
1,699	1,020	0.57	1,050	0.63	1,080	0.69	1,100	0.72	1,130	0.80	1,160	0.87	1,190	0.94	1,210	1.00	1,240	1.07	1,260	1.12

l/s	ESP (mm.Aq)																			
	28.0		30.5		33.0		35.6		38.1		40.6		43.2		45.7		48.3		50.8	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
1,133	1,170	0.92	1,210	0.99	1,230	1.08	1,250	1.15	1,270	1.24	1,290	1.32	1,310	1.41	1,330	1.51	1,350	1.55	1,370	1.63
1,274	1,200	0.98	1,230	1.05	1,250	1.12	1,270	1.23	1,290	1.29	1,310	1.38	1,330	1.44	1,350	1.55	1,370	1.62	1,390	1.71
1,416	1,220	1.03	1,250	1.09	1,270	1.19	1,300	1.28	1,320	1.35	1,340	1.44	1,360	1.52	1,380	1.63	1,400	1.68	1,420	1.76
1,557	1,250	1.09	1,270	1.15	1,290	1.24	1,320	1.32	1,340	1.42	1,360	1.50	1,380	1.60	1,400	1.69	1,420	1.72	1,440	1.79
1,699	1,280	1.18	1,300	1.24	1,330	1.32	1,350	1.38	1,380	1.49	1,400	1.57	1,420	1.66	1,440	1.75	1,450	1.77	1,470	1.84

Note
- RPM can be changed by using wired remote control without change of motor in full static pressure and air volume area
- Fan motor heat (kW) = Fan BkW / Motor efficiency (Motor efficiency = 0.952)
- * : It is factory set value for each model.

■ Evaporator Fan Performance Data AK-W090LH00 (English)

CFM	ESP (in.Aq)																			
	0.1		0.2		0.3*		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2,400	730	0.33	770	0.41	800	0.45	870	0.57	910	0.64	970	0.77	1,010	0.86	1,050	0.94	1,090	1.02	1,130	1.12
2,700	800	0.42	840	0.51	860	0.55	930	0.69	970	0.77	1,020	0.89	1,050	0.97	1,100	1.09	1,130	1.14	1,180	1.21
3,000	870	0.54	910	0.61	930	0.69	990	0.82	1,030	0.91	1,070	1.02	1,110	1.14	1,150	1.17	1,170	1.24	1,200	1.29
3,300	940	0.64	970	0.71	1,000	0.79	1,040	0.92	1,080	1.05	1,130	1.19	1,160	1.21	1,180	1.26	1,210	1.34	1,230	1.40
3,600	1,020	0.77	1,050	0.84	1,080	0.93	1,100	0.97	1,130	1.07	1,160	1.16	1,190	1.26	1,210	1.34	1,240	1.43	1,260	1.51

CFM	ESP (in.Aq)																			
	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2,400	1,170	1.24	1,210	1.33	1,230	1.44	1,250	1.54	1,270	1.66	1,290	1.77	1,310	1.89	1,330	2.03	1,350	2.08	1,370	2.18
2,700	1,200	1.31	1,230	1.40	1,250	1.51	1,270	1.65	1,290	1.72	1,310	1.85	1,330	1.93	1,350	2.08	1,370	2.17	1,390	2.30
3,000	1,220	1.38	1,250	1.47	1,270	1.60	1,300	1.71	1,320	1.81	1,340	1.93	1,360	2.04	1,380	2.18	1,400	2.25	1,420	2.36
3,300	1,250	1.47	1,270	1.54	1,290	1.66	1,320	1.77	1,340	1.90	1,360	2.02	1,380	2.14	1,400	2.27	1,420	2.31	1,440	2.40
3,600	1,280	1.58	1,300	1.66	1,330	1.77	1,350	1.85	1,380	1.99	1,400	2.11	1,420	2.22	1,440	2.35	1,450	2.37	1,470	2.46

Note
- RPM can be changed by using wired remote control without change of motor in full static pressure and air volume area
- Fan motor heat (MBH) = 2.544 x Fan BHP / Motor efficiency (Motor efficiency = 0.952)
- * : It is factory set value for each model.

8. Fan Performance data

■ Evaporator Fan Performance Data AK-W120LH00 (SI)

l/s	ESP (mm.Aq)																			
	2.54		5.08		7.62*		10.16		12.7		15.2		17.8		20.3		22.9		25.4	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
1,510	920	0.46	950	0.51	980	0.56	1,010	0.62	1,040	0.67	1,070	0.74	1,100	0.80	1,130	0.87	1,150	0.91	1,170	0.98
1,699	1,020	0.60	1,050	0.66	1,080	0.73	1,100	0.76	1,130	0.84	1,160	0.91	1,190	0.99	1,210	1.05	1,240	1.12	1,260	1.18
1,888	1,120	0.76	1,140	0.83	1,160	0.88	1,190	0.95	1,220	1.03	1,250	1.13	1,270	1.17	1,290	1.25	1,320	1.34	1,340	1.40
2,077	1,220	0.97	1,240	1.05	1,270	1.12	1,290	1.20	1,320	1.29	1,340	1.38	1,360	1.41	1,380	1.52	1,410	1.66	1,430	1.69
2,265	1,320	1.21	1,340	1.30	1,370	1.39	1,390	1.50	1,420	1.63	1,440	1.71	1,460	1.79	1,480	1.87	1,500	1.96	1,520	2.03

l/s	ESP (mm.Aq)																			
	28.0		30.5		33.0		35.6		38.1		40.6		43.2		45.7		48.3		50.8	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
1,510	1,200	1.04	1,220	1.10	1,250	1.17	1,270	1.23	1,300	1.30	1,320	1.41	1,340	1.54	1,360	1.56	1,380	1.58	1,400	1.60
1,699	1,280	1.24	1,300	1.30	1,330	1.39	1,350	1.45	1,380	1.56	1,400	1.65	1,420	1.74	1,440	1.84	1,450	1.86	1,470	1.93
1,888	1,370	1.50	1,380	1.54	1,400	1.61	1,420	1.68	1,450	1.84	1,470	1.88	1,500	2.04	1,520	2.14	1,540	2.23	1,560	2.33
2,077	1,450	1.74	1,470	1.85	1,490	1.97	1,510	2.01	1,540	2.16	1,560	2.22	1,580	2.34	1,600	2.46	1,620	2.58	1,640	2.71
2,265	1,540	2.11	1,560	2.20	1,580	2.30	1,600	2.39	1,630	2.52	1,650	2.62	-	-	-	-	-	-	-	-

Note

- RPM can be changed by using wired remote control without change of motor in full static pressure and air volume area
- Fan motor heat (kW) = Fan BkW / Motor efficiency (Motor efficiency = 0.952)
- * : It is factory set value for each model.

■ Evaporator Fan Performance Data AK-W120LH00 (English)

CFM	ESP (in.Aq)																			
	0.1		0.2		0.3*		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3,200	920	0.61	950	0.68	980	0.75	1,010	0.83	1,040	0.90	1,070	0.99	1,100	1.07	1,130	1.16	1,150	1.22	1,170	1.31
3,600	1,020	0.80	1,050	0.89	1,080	0.97	1,100	1.02	1,130	1.13	1,160	1.23	1,190	1.33	1,210	1.40	1,240	1.50	1,260	1.58
4,000	1,120	1.02	1,140	1.12	1,160	1.18	1,190	1.27	1,220	1.39	1,250	1.51	1,270	1.57	1,290	1.68	1,320	1.80	1,340	1.88
4,400	1,220	1.30	1,240	1.41	1,270	1.50	1,290	1.61	1,320	1.73	1,340	1.85	1,360	1.90	1,380	2.04	1,410	2.23	1,430	2.27
4,800	1,320	1.63	1,340	1.74	1,370	1.87	1,390	2.01	1,420	2.18	1,440	2.29	1,460	2.39	1,480	2.51	1,500	2.62	1,520	2.72

CFM	ESP (in.Aq)																			
	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3,200	1,200	1.40	1,220	1.47	1,250	1.56	1,270	1.64	1,300	1.74	1,320	1.90	1,340	2.06	1,360	2.09	1,380	2.11	1,400	2.14
3,600	1,280	1.66	1,300	1.74	1,330	1.86	1,350	1.94	1,380	2.09	1,400	2.20	1,420	2.33	1,440	2.46	1,450	2.49	1,470	2.59
4,000	1,370	2.01	1,380	2.07	1,400	2.15	1,420	2.25	1,450	2.46	1,470	2.52	1,500	2.73	1,520	2.86	1,540	2.99	1,560	3.12
4,400	1,450	2.34	1,470	2.48	1,490	2.64	1,510	2.70	1,540	2.89	1,560	2.98	1,580	3.14	1,600	3.30	1,620	3.46	1,640	3.63
4,800	1,540	2.83	1,560	2.95	1,580	3.08	1,600	3.21	1,630	3.37	1,650	3.51	-	-	-	-	-	-	-	-

Note

- RPM can be changed by using wired remote control without change of motor in full static pressure and air volume area
- Fan motor heat (MBH) = 2.544 x Fan BHP / Motor efficiency (Motor efficiency = 0.952)
- * : It is factory set value for each model.

8. Fan Performance data

■ Evaporator Fan Performance Data AK-W180LH00 (SI)

l/s	ESP (mm.Aq)																			
	2.54		5.08		7.62		8.89*		12.7		15.2		17.8		20.3		22.9		25.4	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
2,265	700	0.88	720	0.74	740	1.01	750	1.05	780	0.94	800	0.99	820	1.26	840	1.34	860	1.39	890	1.53
2,548	770	1.09	790	0.95	810	1.25	820	1.27	850	1.18	870	1.28	890	1.56	920	1.69	940	1.57	960	1.88
2,832	840	1.09	860	1.22	880	1.50	890	1.56	920	1.49	940	1.78	960	1.90	980	1.79	1,000	1.89	1,020	2.22
3,115	910	1.12	930	1.54	950	1.83	960	1.89	990	1.85	1,010	2.16	1,030	2.27	1,050	2.20	1,070	2.32	1,090	2.63
3,398	980	1.98	1,000	1.88	1,020	2.21	1,030	2.25	1,060	2.23	1,080	2.59	1,100	2.71	1,120	2.63	1,140	2.80	1,150	3.03

l/s	ESP (mm.Aq)																			
	28.0		30.5		33.0		35.6		38.1		40.6		43.2		45.7		48.3		50.8	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
2,265	910	1.37	940	1.50	960	1.79	980	1.87	1,000	1.74	1,020	1.85	1,040	2.14	1,060	2.28	1,080	2.33	1,100	2.41
2,548	980	1.95	1,010	1.89	1,030	2.18	1,050	2.31	1,070	2.20	1,090	2.29	1,110	2.63	1,130	2.73	1,150	2.82	1,160	2.88
2,832	1,040	2.30	1,060	2.19	1,080	2.53	1,100	2.63	1,120	2.53	1,140	2.69	1,160	3.00	1,180	3.11	1,200	3.27	1,220	3.39
3,115	1,100	2.69	1,120	2.60	1,140	2.96	1,160	3.07	1,180	3.09	1,200	3.36	1,220	3.48	1,240	3.52	1,250	3.69	1,270	3.82
3,398	1,160	3.11	1,180	3.23	1,200	3.42	1,220	3.55	1,240	3.70	1,250	3.78	1,270	3.93	1,290	3.79	1,300	4.14	1,320	4.37

Note

- RPM can be changed by using wired remote control without change of motor in full static pressure and air volume area
- Fan motor heat (kW) = Fan BkW / Motor efficiency (Motor efficiency = 0.952)
- * : It is factory set value for each model.

■ Evaporator Fan Performance Data AK-W180LH00 (English)

CFM	ESP (in.Aq)																			
	0.1		0.2		0.3		0.35*		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4,800	700	1.18	720	1.00	740	1.36	750	1.40	780	1.25	800	1.33	820	1.69	840	1.80	860	1.86	890	2.05
5,400	770	1.47	790	1.27	810	1.67	820	1.70	850	1.58	870	1.72	890	2.09	920	2.26	940	2.10	960	2.52
6,000	840	1.46	860	1.64	880	2.01	890	2.09	920	1.99	940	2.38	960	2.55	980	2.40	1,000	2.53	1,020	2.98
6,600	910	1.50	930	2.07	950	2.45	960	2.54	990	2.49	1,010	2.89	1,030	3.04	1,050	2.95	1,070	3.11	1,090	3.53
7,200	980	2.66	1,000	2.53	1,020	2.97	1,030	3.02	1,060	3.00	1,080	3.47	1,100	3.64	1,120	3.53	1,140	3.76	1,150	4.07

CFM	ESP (in.Aq)																			
	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4,800	910	1.84	940	2.02	960	2.41	980	2.51	1,000	2.33	1,020	2.48	1,040	2.86	1,060	3.06	1,080	3.12	1,100	3.24
5,400	980	2.61	1,010	2.54	1,030	2.92	1,050	3.10	1,070	2.95	1,090	3.08	1,110	3.53	1,130	3.66	1,150	3.78	1,160	3.86
6,000	1,040	3.08	1,060	2.94	1,080	3.39	1,100	3.53	1,120	3.39	1,140	3.61	1,160	4.02	1,180	4.17	1,200	4.38	1,220	4.54
6,600	1,100	3.61	1,120	3.49	1,140	3.96	1,160	4.11	1,180	4.14	1,200	4.51	1,220	4.67	1,240	4.72	1,250	4.94	1,270	5.13
7,200	1,160	4.17	1,180	4.33	1,200	4.59	1,220	4.76	1,240	4.96	1,250	5.06	1,270	5.26	1,290	5.08	1,300	5.56	1,320	5.86

Note

- RPM can be changed by using wired remote control without change of motor in full static pressure and air volume area
- Fan motor heat (MBH) = 2.544 x Fan BHP / Motor efficiency (Motor efficiency = 0.952)
- * : It is factory set value for each model.

8. Fan Performance data

■ Evaporator Fan Performance Data AK-W240LC00 / AK-W240LH00 (SI)

l/s	ESP (mm.Aq)																			
	2.54		5.08		7.62		10.16*		12.7		15.2		17.8		20.3		22.9		25.4	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
3,020	790	1.05	810	1.14	830	1.19	850	1.24	870	1.37	890	1.44	920	1.63	940	1.70	970	1.81	990	1.90
3,398	880	1.29	890	1.41	910	1.47	930	1.53	950	1.69	970	1.77	990	1.97	1,010	2.06	1,030	2.17	1,050	2.28
3,775	960	1.63	980	1.77	990	1.84	1,010	1.91	1,030	2.09	1,050	2.19	1,070	2.40	1,080	2.48	1,100	2.60	1,120	2.71
4,153	1,040	2.07	1,060	2.23	1,070	2.30	1,090	2.38	1,110	2.59	1,130	2.68	1,140	2.91	1,150	3.00	1,170	3.12	1,190	3.24
4,531	1,130	2.60	1,140	2.78	1,160	2.86	1,170	2.94	1,190	3.16	1,200	3.27	1,220	3.51	1,230	3.60	1,250	3.73	1,260	3.86

l/s	ESP (mm.Aq)																			
	28.0		30.5		33.0		35.6		38.1		40.6		43.2		45.7		48.3		50.8	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
3,020	1,010	2.02	1,030	2.14	1,050	2.28	1,070	2.42	1,090	2.55	1,110	2.71	1,120	2.87	1,140	2.93	1,160	3.13	1,180	3.34
3,398	1,070	2.40	1,090	2.53	1,110	2.68	1,130	2.84	1,150	2.99	1,170	3.17	1,180	3.33	1,200	3.40	1,220	3.61	1,240	3.85
3,775	1,140	2.86	1,150	3.00	1,170	3.17	1,190	3.34	1,210	3.50	1,230	3.69	1,240	3.87	1,260	3.93	1,280	4.16	1,300	4.42
4,153	1,210	3.40	1,220	3.54	1,240	3.74	1,260	3.92	1,270	4.09	1,290	4.30	1,310	4.48	1,320	4.55	1,340	4.80	1,360	5.07
4,531	1,280	4.03	1,290	4.18	1,310	4.40	1,330	4.60	1,340	4.78	1,360	5.01	1,370	5.19	1,390	5.25	1,410	5.51	1,420	5.80

Note

- RPM can Le changed Ly using wired remote control without change of motor in full static pressure and air volume area
- Fan motor heat (kW) = Fan LkW / Motor efficiency (Motor efficiency = 0.952)
- * : It is factory set value for each model.

■ Evaporator Fan Performance Data AK-W240LC00 / AK-W240LH00 (English)

CFM	ESP (in.Aq)																			
	0.1		0.2		0.3		0.4*		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6,400	790	1.41	810	1.53	830	1.60	850	1.66	870	1.84	890	1.93	920	2.19	940	2.29	970	2.43	990	2.56
7,200	880	1.74	890	1.89	910	1.97	930	2.06	950	2.27	970	2.38	990	2.65	1,010	2.76	1,030	2.91	1,050	3.05
8,000	960	2.19	980	2.38	990	2.47	1,010	2.57	1,030	2.81	1,050	2.94	1,070	3.22	1,080	3.34	1,100	3.49	1,120	3.64
8,800	1,040	2.77	1,060	2.99	1,070	3.09	1,090	3.19	1,110	3.48	1,130	3.60	1,140	3.91	1,150	4.03	1,170	4.19	1,190	4.34
9,600	1,130	3.49	1,140	3.73	1,160	3.83	1,170	3.95	1,190	4.24	1,200	4.38	1,220	4.72	1,230	4.83	1,250	5.01	1,260	5.18

CFM	ESP (in.Aq)																			
	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6,400	1,010	2.71	1,030	2.88	1,050	3.05	1,070	3.25	1,090	3.42	1,110	3.64	1,120	3.85	1,140	3.94	1,160	4.20	1,180	4.49
7,200	1,070	3.22	1,090	3.40	1,110	3.60	1,130	3.81	1,150	4.01	1,170	4.26	1,180	4.47	1,200	4.56	1,220	4.84	1,240	5.16
8,000	1,140	3.83	1,150	4.03	1,170	4.26	1,190	4.49	1,210	4.70	1,230	4.96	1,240	5.19	1,260	5.28	1,280	5.58	1,300	5.93
8,800	1,210	4.56	1,220	4.75	1,240	5.02	1,260	5.26	1,270	5.49	1,290	5.78	1,310	6.02	1,320	6.11	1,340	6.44	1,360	6.81
9,600	1,280	5.41	1,290	5.61	1,310	5.90	1,330	6.17	1,340	6.41	1,360	6.72	1,370	6.96	1,390	7.04	1,410	7.40	1,420	7.78

Note

- RPM can be changed by using wired remote control without change of motor in full static pressure and air volume area
- Fan motor heat (MBH) = 2.544 x Fan BHP / Motor efficiency (Motor efficiency = 0.952)
- * : It is factory set value for each model.

8. Fan Performance data

■ Evaporator Fan Performance Data AK-W300LC00 / AK-W300LH00 (SI)

l/s	ESP (mm.Aq)																			
	2.54		5.08		7.62		10.16*		12.7		15.2		17.8		20.3		22.9		25.4	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
3,473	890	1.33	910	1.45	930	1.51	940	1.57	960	1.74	980	1.82	1,010	2.02	1,020	2.11	1,040	2.22	1,060	2.33
3,908	990	1.75	1,000	1.90	1,020	1.97	1,040	2.04	1,060	2.23	1,070	2.33	1,090	2.54	1,110	2.63	1,120	2.75	1,140	2.86
4,342	1,090	2.29	1,100	2.47	1,110	2.54	1,130	2.62	1,150	2.84	1,160	2.94	1,180	3.17	1,190	3.26	1,210	3.39	1,220	3.51
4,776	1,180	2.97	1,200	3.17	1,210	3.24	1,220	3.32	1,240	3.56	1,250	3.65	1,270	3.93	1,280	4.02	1,300	4.16	1,310	4.27
5,210	1,280	3.78	1,290	3.99	1,300	4.06	1,320	4.13	1,330	4.39	1,340	4.47	1,360	4.83	1,370	4.90	1,390	5.07	1,400	5.19

l/s	ESP (mm.Aq)																			
	28.0		30.5		33.0		35.6		38.1		40.6		43.2		45.7		48.3		50.8	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
3,473	1,080	2.46	1,100	2.59	1,120	2.75	1,140	2.91	1,160	3.06	1,180	3.24	1,190	3.41	1,210	3.47	1,230	3.69	1,250	3.93
3,908	1,160	3.01	1,180	3.15	1,200	3.33	1,210	3.50	1,230	3.67	1,250	3.87	1,260	4.04	1,280	4.11	1,300	4.35	1,320	4.62
4,342	1,240	3.67	1,260	3.83	1,280	4.03	1,290	4.22	1,310	4.40	1,330	4.62	1,340	4.80	1,350	4.86	1,370	5.11	1,390	5.40
4,776	1,330	4.46	1,340	4.63	1,360	4.86	1,380	5.07	1,390	5.25	1,410	5.49	1,420	5.67	1,430	5.72	1,450	5.99	-	-
5,210	1,420	5.40	1,430	5.57	1,450	5.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note

- RPM can Le changed Ly using wired remote control without change of motor in full static pressure and air volume area
- Fan motor heat (kW) = Fan LkW / Motor efficiency (Motor efficiency = 0.954)
- * : It is factory set value for each model.

■ Evaporator Fan Performance Data AK-W300LC00 / AK-W300LH00 (English)

CFM	ESP (in.Aq)																			
	0.1		0.2		0.3		0.4*		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7,360	890	1.78	910	1.95	930	2.02	940	2.11	960	2.33	980	2.45	1,010	2.71	1,020	2.83	1,040	2.98	1,060	3.12
8,280	990	2.34	1,000	2.55	1,020	2.64	1,040	2.74	1,060	3.00	1,070	3.12	1,090	3.41	1,110	3.53	1,120	3.69	1,140	3.84
9,200	1,090	3.07	1,100	3.32	1,110	3.41	1,130	3.52	1,150	3.82	1,160	3.94	1,180	4.25	1,190	4.38	1,210	4.55	1,220	4.71
10,120	1,180	3.98	1,200	4.25	1,210	4.35	1,220	4.46	1,240	4.78	1,250	4.90	1,270	5.28	1,280	5.39	1,300	5.58	1,310	5.74
11,040	1,280	5.07	1,290	5.35	1,300	5.46	1,320	5.54	1,330	5.89	1,340	6.01	1,360	6.48	1,370	6.58	1,390	6.80	1,400	6.97

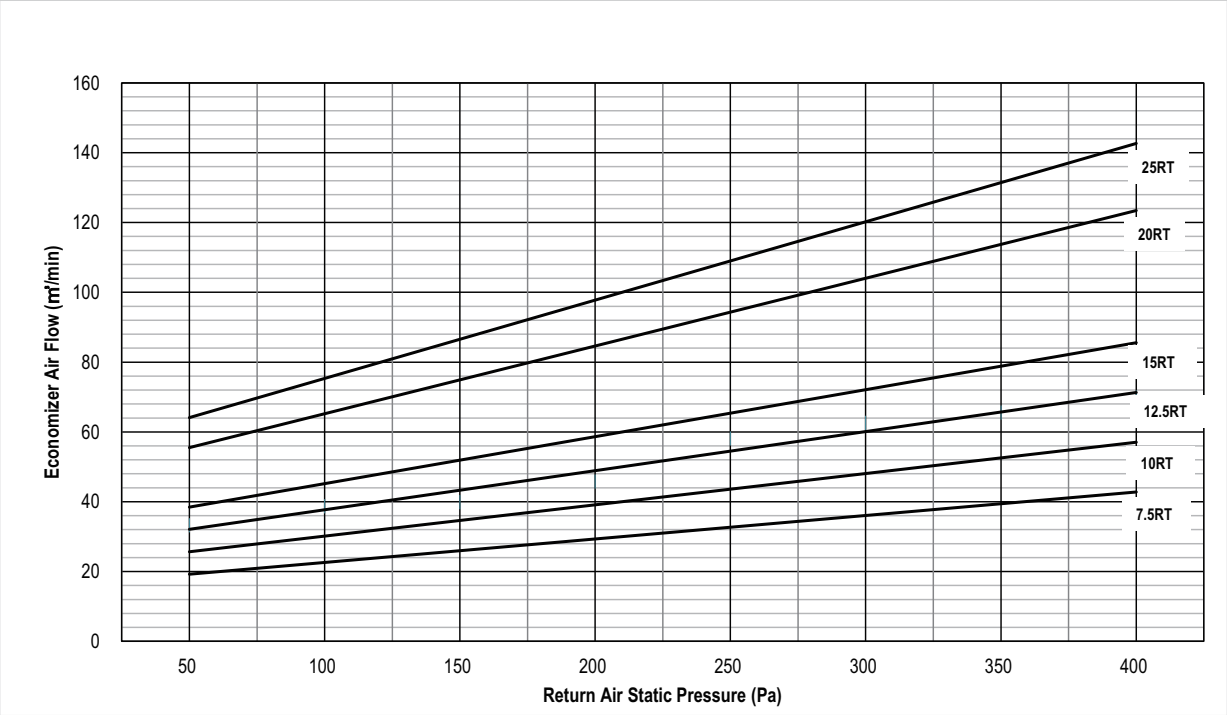
CFM	ESP (in.Aq)																			
	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7,360	1,080	3.30	1,100	3.47	1,120	3.69	1,140	3.91	1,160	4.11	1,180	4.35	1,190	4.57	1,210	4.66	1,230	4.96	1,250	5.28
8,280	1,160	4.03	1,180	4.23	1,200	4.47	1,210	4.70	1,230	4.93	1,250	5.20	1,260	5.43	1,280	5.52	1,300	5.84	1,320	6.20
9,200	1,240	4.93	1,260	5.13	1,280	5.40	1,290	5.66	1,310	5.90	1,330	6.20	1,340	6.44	1,350	6.52	1,370	6.86	1,390	7.25
10,120	1,330	5.99	1,340	6.21	1,360	6.52	1,380	6.80	1,390	7.04	1,410	7.36	1,420	7.61	1,430	7.68	1,450	8.04	-	-
11,040	1,420	7.25	1,430	7.48	1,450	7.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note

- RPM can be changed by using wired remote control without change of motor in full static pressure and air volume area
- Fan motor heat (MBH) = 2.544 x Fan BHP / Motor efficiency (Motor efficiency = 0.952)
- * : It is factory set value for each model.

8. Fan Performance data

■ Economizer Air Flow (Accessory)



Note

1. Due to our policy of innovation some specifications may be changed without notification.
2. Economizer Model Name : PKEMD1CA0

■ Accessory Static Pressure Drops

Model	Air Flow		Filter(MERV 8)		Filter(MERV 13)	
	CFM	l/s	in.Aq	mmAq	in.Aq	mmAq
AK-W090LH00[1)]	2,400	1,133	0.080	2.04	0.134	3.40
	2,700	1,274	0.087	2.21	0.148	3.75
	3,000	1,416	0.095	2.40	0.163	4.14
	3,300	1,557	0.103	2.61	0.180	4.58
	3,600	1,699	0.111	2.83	0.199	5.05
AK-W120LH00[1)]	3,200	1,510	0.100	2.54	0.174	4.43
	3,600	1,699	0.111	2.83	0.199	5.06
	4,000	1,888	0.124	3.16	0.227	5.77
	4,400	2,077	0.139	3.52	0.259	6.59
	4,800	2,265	0.155	3.93	0.296	7.52
AK-W150LH00[2)]	4,000	1,888	0.101	2.55	0.176	4.47
	4,500	2,124	0.112	2.85	0.201	5.10
	5,000	2,360	0.125	3.18	0.230	5.83
	5,500	2,596	0.140	3.55	0.262	6.66
	6,000	2,832	0.156	3.97	0.300	7.61
AK-W180LH00[2)]	4,800	2,265	0.120	3.05	0.218	5.53
	5,400	2,549	0.137	3.48	0.255	6.49
	6,000	2,832	0.156	3.97	0.300	7.61
	6,600	3,115	0.178	4.53	0.352	8.94
	7,200	3,398	0.203	5.17	0.413	10.49

Note

1. The above data are specific company specifications and may differ from the filters actually applied.
2. 1) : Filter(Accessory) : 20 x 20 x 2 (W x H x D, inch)
   It could be ordered and purchased separately 4EA per unit.
   2) : Filter(Accessory) : 25 x 20 x 2 (W x H x D, inch)
   It could be ordered and purchased separately 6EA per unit.

8. Fan Performance data

Model	Air Flow		Filter(MERV 8)		Filter(MERV 13)	
	CFM	l/s	in.Aq	mmAq	in.Aq	mmAq
AK-W240LC00[2)] AK-W240LH00[2)]	6,400	3,020	0.107	2.71	0.189	4.79
	7,200	3,398	0.120	3.05	0.218	5.53
	7,360	3,474	0.123	3.12	0.224	5.69
	8,000	3,776	0.135	3.43	0.251	6.37
	8,280	3,908	0.141	3.57	0.264	6.70
AK-W300LC00[2)] AK-W300LH00[2)]	8,800	4,153	0.152	3.85	0.289	7.35
	9,200	4,342	0.161	4.09	0.311	7.89
	9,600	4,531	0.171	4.33	0.334	8.47
	10,120	4,776	0.184	4.68	0.366	9.29
	11,040	5,210	0.211	5.35	0.431	10.94

Note

1. The above data are specific company specifications and may differ from the filters actually applied.
2. 1) : Filter(Accessory) : 20 x 20 x 2 (W x H x D, inch)
   It could be ordered and purchased separately 4EA per unit.
   2) : Filter(Accessory) : 25 x 20 x 2 (W x H x D, inch)
   It could be ordered and purchased separately 6EA per unit.

9. Electric characteristics

■ Electical Data Unit Wiring, Cooling and Heating

Model	MCA	MFA
AK-W090LH00	43	50
AK-W120LH00	43	50
AK-W180LH00	60	70
AK-W240LH00	88	100
AK-W300LH00	88	100

Model	Power supply	Voltage range(Min. ~ Max.)
AK-W***LC0*	50/60Hz, 380V-415V	342 ~ 456V

Note

1. Voltage supplied to the unit terminals should be within the minimum and maximum range.
2. Maximum allowable voltage unbalance between phase is 2%.
3. Select the wire size based on the MCA.
4. MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker. [circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
5. MCA : Minimum Circuit Amperes(A), MCA = (1.25 x Ampere of largest motor) + Load2 + Load3 + Load4.
   MFA: Maximum Fuse Amperes(A)

■ Electrical Characteristics Indoor Fan Motor

Model	No.	Phase	HP	FLA
AK-W090LH00	1	3	10.0	4.0
AK-W120LH00	1	3	10.0	4.0
AK-W180LH00	1	3	10.0	5.0
AK-W240LC00	1	3	10.0	6.5
AK-W300LC00	1	3	10.0	6.5

Note

1. FLA : Full Load Amperes (A)

■ Electircal Characteristics Compressor and Outdoor Fan Motor

Model	Compressor (INV)				Outdoor Fan Motor			
	No.	Phase	HP	RLA	No.	Phase	HP	FLA
AK-W090LH00	1	3	9.6	28.8	1	3	2.0	3
AK-W120LH00	1	3	9.6	28.8	1	3	2.0	3
AK-W180LH00	2	3	6.8	19.6	2	3	2.0	3
AK-W240LC00	2	3	9.6	29.4	4	3	1.2	2
AK-W300LC00	2	3	9.6	29.4	4	3	1.2	2

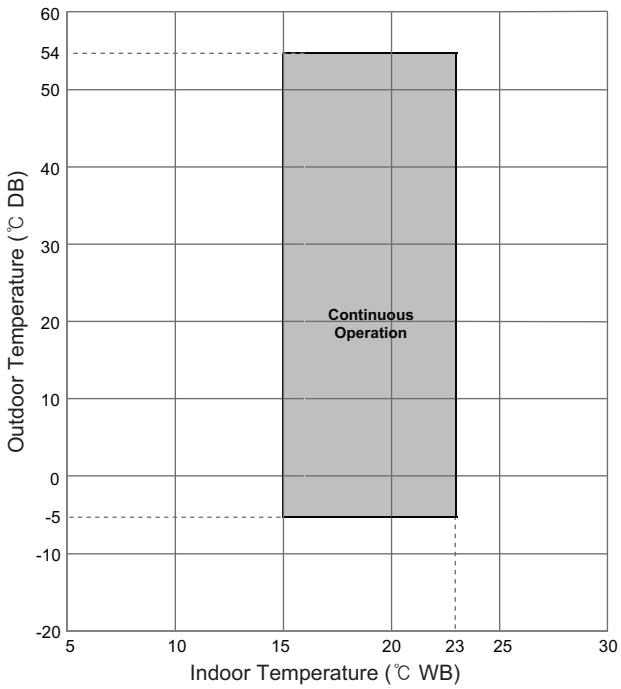
Note

1. RLA : Rated Load Amperes (A)
2. FLA : Full Load Amperes (A)

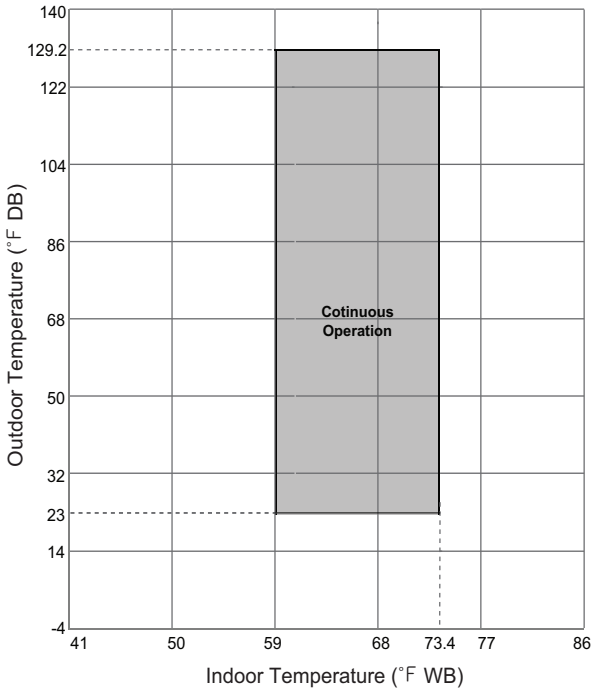
10. Operation range

■ Cooling

SI unit



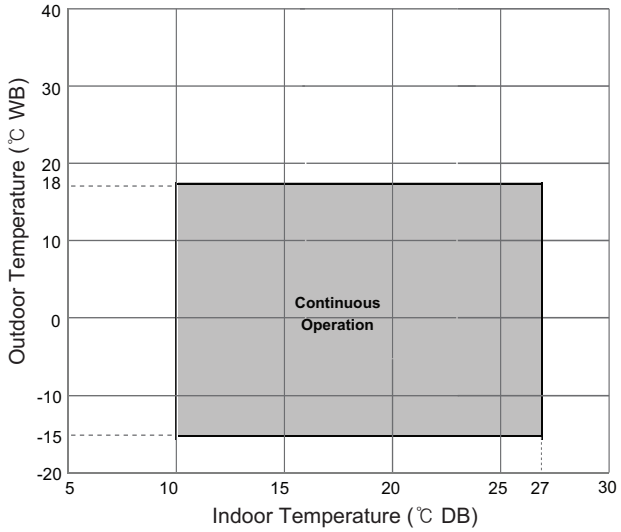
English Unit



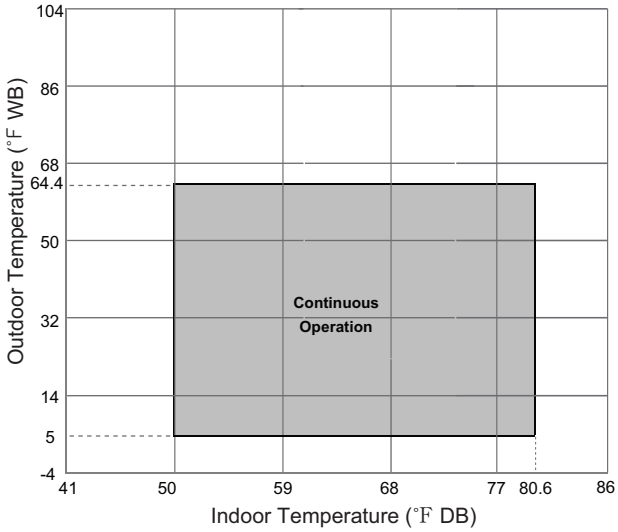
- Without low amLient kit, unit can Le operated when outdoor temperature goes down to -5°C.

■ Heating

SI unit



English Unit



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