

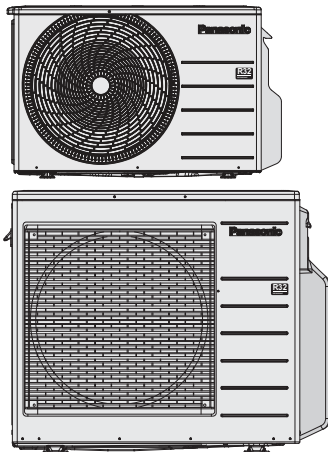
Service Manual

Air Conditioner



Outdoor Unit
CU-2TZ41TBE
CU-2TZ50TBE
CU-3TZ52TBE

Destination
Europe
Turkey



Please file and use this manual together with the service manual for Model No. CS-TZ20WKEW, CS-TZ25WKEW, CS-TZ35WKEW, CS-TZ42WKEW, CS-TZ50WKEW, CS-RZ20WKEW, CS-RZ25WKEW, CS-RZ35WKEW, CS-RZ50WKEW, CS-MTZ16WKE, CU-2TZ41TBE, CU-2TZ50TBE, CU-3TZ52TBE, Order No. PAPAMY2001019CE, PAPAMY2004023CE, PAPAMY1802045CE, PAPAMY1802091CE.

WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by  in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

PRECAUTION OF LOW TEMPERATURE

In order to avoid frostbite, be assured of no refrigerant leakage during the installation or repairing of refrigerant circuit.

CAUTION

R32 REFRIGERANT – This Air Conditioner contains and operates with refrigerant R32.

THIS PRODUCT MUST ONLY BE INSTALLED OR SERVICED BY QUALIFIED PERSONNEL.

Refer to National, State, Territory and local legislation, regulations, codes, installation & operation manuals, before the installation, maintenance and/or service of this product.

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1. Safety Precautions

- Read the following “SAFETY PRECAUTIONS” carefully before installation.
- Electrical work must be installed by a licensed electrician. Be sure to use the correct rating of the power plug and main circuit for the model to be installed.
- The caution items stated here must be followed because these important contents are related to safety. The meaning of each indication used is as below. Incorrect installation due to ignoring of the instruction will cause harm or damage, and the seriousness is classified by the following indications.

 WARNING	This indication shows the possibility of causing death or serious injury.
 CAUTION	This indication shows the possibility of causing injury or damage to properties only.

- The items to be followed are classified by the symbols:

	Symbol with white background denotes item that is PROHIBITED.
 	Symbol with dark background denotes item that must be carried out.

- Carry out test running to confirm that no abnormality occurs after the installation. Then, explain to user the operation, care and maintenance as stated in instructions. Please remind the customer to keep the operating instructions for future reference.
- This appliance is not intended for accessibility by the general public.

 WARNING		
1.	Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer. Any unfit method or using incompatible material may cause product damage, burst and serious injury.	
2.	Do not install outdoor unit near handrail of veranda. When installing air-conditioner unit on veranda of a high rise building, child may climb up to outdoor unit and cross over the handrail causing an accident.	
3.	Do not use unspecified cord, modified cord, joint cord or extension cord for power supply cord. Do not share the single outlet with other electrical appliances. Poor contact, poor insulation or over current will cause electrical shock or fire.	
4.	The appliance shall be stored in a well ventilated room with indoor floor area larger than A_{min} (m ²) [refer Table A] and without any continuously operating ignition source. Keep away from open flames, any operating gas appliances or any operating electric heater. Else, it may explode and cause injury or death.	
5.	Do not tie up the power supply cord into a bundle by band. Abnormal temperature rise on power supply cord may happen.	
6.	Do not insert your fingers or other objects into the unit, high speed rotating fan may cause injury. 	
7.	Do not sit or step on the unit, you may fall down accidentally. 	
8.	The appliance shall be installed, and/or operated in a room with floor area larger than A_{min} (m ²) [refer Table A] and keep away from ignition sources, such as heat/sparks/open flame or hazardous areas such as gas appliances, gas cooking, reticulated gas supply systems or electric cooking appliances, etc.	
9.	Keep plastic bag (packaging material) away from small children, it may cling to nose and mouth and prevent breathing.	
10.	When installing or relocating air conditioner, do not let any substance other than the specified refrigerant, eg. air etc mix into refrigeration cycle (piping). Mixing of air etc. will cause abnormal high pressure in refrigeration cycle and result in explosion, injury etc.	
11.	Do not pierce or burn as the appliance is pressurized. Do not expose the appliance to heat, flame, sparks, or other sources of ignition. Else, it may explode and cause injury or death.	
12.	Do not add or replace refrigerant other than specified type. It may cause product damage, burst and injury etc.	
13.	Do not perform flare connection inside a building or dwelling or room, when joining the heat exchanger of indoor unit with interconnecting piping. Refrigerant connection inside a building or dwelling or room must be made by brazing or welding. Joint connection of indoor unit by flaring method can only be made at outdoor or at outside of a building or dwelling or room. Flare connection may cause gas leak and flammable atmosphere.	
14.	For R32 model, use piping, flare nut and tools which is specified for R32 refrigerant. Using of existing (R22) piping, flare nut and tools may cause abnormally high pressure in the refrigerant cycle (piping), and possibly result in explosion and injury. Thickness for copper pipes used with R32 must be more than 0.8 mm. Never use copper pipes thinner than 0.8 mm. It is desirable that the amount of residual oil less than 40 mg/10 m.	
15.	Engage authorized dealer or specialist for installation. If installation done by the user is incorrect, it will cause water leakage, electrical shock or fire.	
16.	For refrigeration system work, install according to this installation instructions strictly. If installation is defective, it will cause water leakage, electrical shock or fire.	
17.	Use the attached accessories parts and specified parts for installation. Otherwise, it will cause the set to fall, water leakage, fire or electrical shock.	

 WARNING

18.	Install at a strong and firm location which is able to withstand weight of the set. If the strength is not enough or installation is not properly done, the set will drop and cause injury.	!
19.	For electrical work, follow the national regulation, legislation and this installation instructions. An independent circuit and single outlet must be used. If electrical circuit capacity is not enough or defect found in the electrical work, it will cause electrical shock or fire.	!
20.	Do not use joint cable for indoor / outdoor connection cable. Use the specified indoor/outdoor connection cable, refer to instruction CONNECT THE CABLE TO THE INDOOR UNIT and connect tightly for indoor/outdoor connection. Clamp the cable so that no external force will have impact on the terminal. If connection or fixing is not perfect, it will cause heat up or fire at the connection.	!
21.	Wire routing must be properly arranged so that control board cover is fixed properly. If control board cover is not fixed perfectly, it will cause fire or electrical shock.	!
22.	This equipment is strongly recommended to be installed with Earth Leakage Circuit Breaker (ELCB) or Residual Current Device (RCD), with sensitivity of 30mA at 0.1 sec or less. Otherwise, it may cause electrical shock and fire in case of equipment breakdown or insulation breakdown.	!
23.	During installation, install the refrigerant piping properly before running the compressor. Operation of compressor without fixing refrigeration piping and valves at opened position will cause suck-in of air, abnormal high pressure in refrigeration cycle and result in explosion, injury etc.	!
24.	During pump down operation, stop the compressor before removing the refrigeration piping. Removal of refrigeration piping while compressor is operating and valves are opened will cause suck-in of air, abnormal high pressure in refrigeration cycle and result in explosion, injury etc.	!
25.	Tighten the flare nut with torque wrench according to specified method. If the flare nut is over-tightened, after a long period, the flare may break and cause refrigerant gas leakage.	!
26.	After completion of installation, confirm there is no leakage of refrigerant gas. It may generate toxic gas when the refrigerant contacts with fire.	!
27.	Ventilate if there is refrigerant gas leakage during operation. It may cause toxic gas when the refrigerant contacts with fire.	!
28.	Be aware that refrigerants may not contain an odour.	!
29.	This equipment must be properly earthed. Earth line must not be connected to gas pipe, water pipe, earth of lightning rod and telephone. Otherwise, it may cause electrical shock in case of equipment breakdown or insulation breakdown.	⚡
30.	Do not modify the machine, part, material during repairing service.	!
31.	If wiring unit is supplied as repairing part, do not repair or connect the wire even only partial wire break. Exchange the whole wiring unit.	!
32.	Do not wrench the fasten terminal. Pull it out or insert it straightly.	!
33.	Must not use other parts except original parts describe in catalog and manual.	!

 CAUTION

1.	Do not install the unit in a place where leakage of flammable gas may occur. In case gas leaks and accumulates at surrounding of the unit, it may cause fire.	⊘
2.	Prevent liquid or vapor from entering sumps or sewers since vapor is heavier than air and may form suffocating atmospheres.	⊘
3.	Do not release refrigerant during piping work for installation, re-installation and during repairing refrigeration parts. Take care of the liquid refrigerant, it may cause frostbite.	⊘
4.	Do not install this appliance in a laundry room or other location where water may drip from the ceiling, etc.	⊘
5.	Do not touch the sharp aluminium fin, sharp parts may cause injury. 	⊘
6.	Carry out drainage piping as mentioned in installation instructions. If drainage is not perfect, water may enter the room and damage the furniture.	!
7.	Select an installation location which is easy for maintenance. Incorrect installation, service or repair of this air conditioner may increase the risk of rupture and this may result in loss damage or injury and/or property.	!
8.	Pb free solder has a higher melting point than standard solder; typically the melting point is 50°F – 70°F (30°C – 40°C) higher. Please use a high temperature solder iron. In case of the soldering iron with temperature control, please set it to 700 ± 20°F (370 ± 10°C). Pb free solder will tend to splash when heated too high (about 1100°F / 600°C)	
9.	Power supply connection to the room air conditioner. Use power supply cord 3 x 1.5 mm ² (CU-2TZ41TBE and CU-2TZ50TBE), 3 x 2.5 mm ² (CU-3TZ52TBE) type designation 60245 IEC 57 or heavier cord. Connect the power supply cord of the air conditioner to the mains using one of the following method. Power supply point should be in easily accessible place for power disconnection in case of emergency. In some countries, permanent connection of this air conditioner to the power supply is prohibited. 1) Power supply connection to the receptacle using power plug. Use an approved 15/16A (CU-2TZ41TBE and CU-2TZ50TBE), 16A (CU-3TZ52TBE) power plug with earth pin for the connection to the socket. 2) Power supply connection to a circuit breaker for the permanent connection. Use an approved 16A circuit breaker for the permanent connection. It must be a double pole switch with a minimum 3.0 mm contact gap.	!

⚠ CAUTION		
	Do not touch the sharp aluminum fins or edges of metal parts.	
10.	If you are required to handle sharp parts during installation or servicing, please wear hand glove. Sharp parts may cause injury.	!
11.	Tighten the flare nut with torque wrench according to specified method. If the flare nut is over-tightened, after a long period, the flare may break and cause refrigerant gas leakage.	!
12.	Installation or servicing work: It may need two people to carry out the installation or servicing work.	!

2. Precaution for Using R32 Refrigerant

- The basic installation work procedures are the same as conventional refrigerant (R410A, R22) models. However, pay careful attention to the following points:

 WARNING	
1.	Since the working pressure is higher than that of refrigerant R22 models, some of the piping and installation and service tools are special. (See "2.1. Special tools for R32 (R410A)".) Especially, when replacing a refrigerant R22 model with a new refrigerant R32 model, always replace the conventional piping and flare nuts with the R32 and R410A piping and flare nuts on the outdoor unit side. For R32 and R410A, the same flare nut on the outdoor unit side and pipe can be used.
2.	Models that use refrigerant R32 and R410A have a different charging port thread diameter to prevent erroneous charging with refrigerant R22 and for safety. Therefore, check beforehand. [The charging port thread diameter for R32 and R410A is 12.7 mm (1/2 inch).]
3.	Be more careful than R22 so that foreign matter (oil, water, etc.) does not enter the piping. Also, when storing the piping, securely seal the opening by pinching, taping, etc. (Handling of R32 is similar to R410A.)
 CAUTION	
1.	Installation (Space) - Must ensure the installation of pipe-work shall be kept to a minimum. Avoid use dented pipe and do not allow acute bending. - Must ensure that pipe-work shall be protected from physical damage. - Must comply with national gas regulations, state municipal rules and legislation. Notify relevant authorities in accordance with all applicable regulations. - Must ensure mechanical connections be accessible for maintenance purposes. - In cases that require mechanical ventilation, ventilation openings shall be kept clear of obstruction. - When disposal of the product, do follow to the precautions in #12 and comply with national regulations. Always contact to local municipal offices for proper handling.
2.	Servicing 2-1. Service personnel - Any qualified person who is involved with working on or breaking into a refrigerant circuit should hold a current valid certificate from an industry-accredited assessment authority, which authorizes their competence to handle refrigerants safely in accordance with an industry recognized assessment specification. - Servicing shall only be performed as recommended by the equipment manufacturer. Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of flammable refrigerants. - Servicing shall be performed only as recommended by the manufacturer. 2-2. Work - Prior to beginning work on systems containing flammable refrigerants, safety checks are necessary to ensure that the risk of ignition is minimised. For repair to the refrigerating system, the precautions in #2-2 to #2-8 must be followed before conducting work on the system. - Work shall be undertaken under a controlled procedure so as to minimize the risk of a flammable gas or vapour being present while the work is being performed. - All maintenance staff and others working in the local area shall be instructed and supervised on the nature of work being carried out. - Avoid working in confined spaces. - Wear appropriate protective equipment, including respiratory protection, as conditions warrant. - Ensure that the conditions within the area have been made safe by limit of use of any flammable material. Keep all sources of ignition and hot metal surfaces away. 2-3. Checking for presence of refrigerant - The area shall be checked with an appropriate refrigerant detector prior to and during work, to ensure the technician is aware of potentially flammable atmospheres. - Ensure that the leak detection equipment being used is suitable for use with flammable refrigerants, i.e. non sparking, adequately sealed or intrinsically safe. - In case of leakage/spillage happened, immediately ventilate area and stay upwind and away from spill/release. - In case of leakage/spillage happened, do notify persons down wind of the leaking/spill, isolate immediate hazard area and keep unauthorized personnel out. 2-4. Presence of fire extinguisher - If any hot work is to be conducted on the refrigeration equipment or any associated parts, appropriate fire extinguishing equipment shall be available at hand. - Have a dry powder or CO₂ fire extinguisher adjacent to the charging area. 2-5. No ignition sources - No person carrying out work in relation to a refrigeration system which involves exposing any pipe work that contains or has contained flammable refrigerant shall use any sources of ignition in such a manner that it may lead to the risk of fire or explosion. He/She must not be smoking when carrying out such work. - All possible ignition sources, including cigarette smoking, should be kept sufficiently far away from the site of installation, repairing, removing and disposal, during which flammable refrigerant can possibly be released to the surrounding space. - Prior to work taking place, the area around the equipment is to be surveyed to make sure that there are no flammable hazards or ignition risks. "No Smoking" signs shall be displayed.



CAUTION

2-6. Ventilated area

- Ensure that the area is in the open or that it is adequately ventilated before breaking into the system or conducting any hot work.
- A degree of ventilation shall continue during the period that the work is carried out.
- The ventilation should safely disperse any released refrigerant and preferably expel it externally into the atmosphere.

2-7. Checks to the refrigeration equipment

- Where electrical components are being changed, they shall be fit for the purpose and to the correct specification.
 - At all times the manufacturer's maintenance and service guidelines shall be followed.
 - If in doubt consult the manufacturer's technical department for assistance.
 - The following checks shall be applied to installations using flammable refrigerants.
 - The charge size is in accordance with the room size within which the refrigerant containing parts are installed.
 - The ventilation machinery and outlets are operating adequately and are not obstructed.
 - If an indirect refrigerating circuit is being used, the secondary circuit shall be checked for the presence of refrigerant.
 - Marking to the equipment continues to be visible and legible. Markings and signs that are illegible shall be corrected.
2. - Refrigeration pipe or components are installed in a position where they are unlikely to be exposed to any substance which may corrode refrigerant containing components, unless the components are constructed of materials which are inherently resistant to being corroded or are properly protected against being so corroded.

2-8. Checks to electrical devices

- Repair and maintenance to electrical components shall include initial safety checks and component inspection procedures.
- Initial safety checks shall include but not limit to:-
 - That capacitors are discharged: this shall be done in a safe manner to avoid possibility of sparking.
 - That there is no live electrical components and wiring are exposed while charging, recovering or purging the system.
 - That there is continuity of earth bonding.
- At all times the manufacturer's maintenance and service guidelines shall be followed.
- If in doubt consult the manufacturer's technical department for assistance.
- If a fault exists that could compromise safety, then no electrical supply shall be connected to the circuit until it is satisfactorily dealt with.
- If the fault cannot be corrected immediately but it is necessary to continue operation, an adequate temporary solution shall be used.
- The owner of the equipment must be informed or reported so all parties are advised thereafter.

Repairs to sealed components

- During repairs to sealed components, all electrical supplies shall be disconnected from the equipment being worked upon prior to any removal of sealed covers, etc.
 - If it is absolutely necessary to have an electrical supply to equipment during servicing, then a permanently operating form of leak detection shall be located at the most critical point to warn of a potentially hazardous situation.
3. • Particular attention shall be paid to the following to ensure that by working on electrical components, the casing is not altered in such a way that the level of protection is affected. This shall include damage to cables, excessive number of connections, terminals not made to original specification, damage to seals, incorrect fitting of glands, etc.
- Ensure that apparatus is mounted securely.
 - Ensure that seals or sealing materials have not degraded such that they no longer serve the purpose of preventing the ingress of flammable atmospheres.
 - Replacement parts shall be in accordance with the manufacturer's specifications.
- NOTE: The use of silicon sealant may inhibit the effectiveness of some types of leak detection equipment.
Intrinsically safe components do not have to be isolated prior to working on them.

Repair to intrinsically safe components

- Do not apply any permanent inductive or capacitance loads to the circuit without ensuring that this will not exceed the permissible voltage and current permitted for the equipment in use.
4. • Intrinsically safe components are the only types that can be worked on while live in the presence of a flammable atmosphere.
- The test apparatus shall be at the correct rating.
 - Replace components only with parts specified by the manufacturer. Unspecified parts by manufacturer may result ignition of refrigerant in the atmosphere from a leak.

Cabling

5. • Check that cabling will not be subject to wear, corrosion, excessive pressure, vibration, sharp edges or any other adverse environmental effects.
- The check shall also take into account the effects of aging or continual vibration from sources such as compressors or fans.

Detection of flammable refrigerants

6. • Under no circumstances shall potential sources of ignition be used in the searching or detection of refrigerant leaks.
- A halide torch (or any other detector using a naked flame) shall not be used.

Leak detection methods

- Electronic leak detectors shall be used to detect flammable refrigerants, but the sensitivity may not be adequate, or may need re-calibration.
(Detection equipment shall be calibrated in a refrigerant-free area.)
 - Ensure that the detector is not a potential source of ignition and is suitable for the refrigerant used.
7. • Leak detection equipment shall be set at a percentage of the LFL of the refrigerant and shall be calibrated to the refrigerant employed and the appropriate percentage of gas (25 % maximum) is confirmed.
- Leak detection fluids are suitable for use with most refrigerants but the use of detergents containing chlorine shall be avoided as the chlorine may react with the refrigerant and corrode the copper pipe-work.
 - If a leak is suspected, all naked flames shall be removed/extinguished.
 - If a leakage of refrigerant is found which requires brazing, all of the refrigerant shall be recovered from the system, or isolated (by means of shut off valves) in a part of the system remote from the leak. Oxygen free nitrogen (OFN) shall then be purged through the system both before and during the brazing process.



CAUTION

Removal and evacuation

• When breaking into the refrigerant circuit to make repairs – or for any other purpose – conventional procedures shall be used. However, it is important that best practice is followed since flammability is a consideration. The following procedure shall be adhered to:

- remove refrigerant -> • purge the circuit with inert gas -> • evacuate -> • purge again with inert gas -> • open the circuit by cutting or brazing
 - The refrigerant charge shall be recovered into the correct recovery cylinders.
 - The system shall be “flushed” with OFN to render the unit safe.
8. This process may need to be repeated several times.
- Compressed air or oxygen shall not be used for this task.
 - Flushing shall be achieved by breaking the vacuum in the system with OFN and continuing to fill until the working pressure is achieved, then venting to atmosphere, and finally pulling down to a vacuum.
 - This process shall be repeated until no refrigerant is within the system.
 - When the final OFN charge is used, the system shall be vented down to atmospheric pressure to enable work to take place.
 - This operation is absolutely vital if brazing operations on the pipe work are to take place.
 - Ensure that the outlet for the vacuum pump is not close to any ignition sources and there is ventilation available.

Charging procedures

9. In addition to conventional charging procedures, the following requirements shall be followed.
- Ensure that contamination of different refrigerants does not occur when using charging equipment.
 - Hoses or lines shall be as short as possible to minimize the amount of refrigerant contained in them.
 - Cylinders shall be kept upright.
 - Ensure that the refrigeration system is earthed prior to charging the system with refrigerant.
 - Label the system when charging is complete (if not already).
 - Extreme care shall be taken not to over fill the refrigeration system.
 - Prior to recharging the system it shall be pressure tested with OFN (refer to #7).
 - The system shall be leak tested on completion of charging but prior to commissioning.
 - A follow up leak test shall be carried out prior to leaving the site.
 - Electrostatic charge may accumulate and create a hazardous condition when charging and discharging the refrigerant. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before charging/discharging.

Decommissioning

- Before carrying out this procedure, it is essential that the technician is completely familiar with the equipment and all its details.
 - It is recommended good practice that all refrigerants are recovered safely.
 - Prior to the task being carried out, an oil and refrigerant sample shall be taken in case analysis is required prior to re-use of reclaimed refrigerant.
 - It is essential that electrical power is available before the task is commenced.
10. a) Become familiar with the equipment and its operation.
b) Isolate system electrically.
c) Before attempting the procedure ensure that:
- *mechanical handling equipment is available, if required, for handling refrigerant cylinders;*
 - *all personal protective equipment is available and being used correctly;*
 - *the recovery process is supervised at all times by a competent person;*
 - *recovery equipment and cylinders conform to the appropriate standards.*
- d) Pump down refrigerant system, if possible.
e) If a vacuum is not possible, make a manifold so that refrigerant can be removed from various parts of the system.
- Electrostatic charge may accumulate and create a hazardous condition when charging or discharging the refrigerant. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before charging/discharging.
- f) Make sure that cylinder is situated on the scales before recovery takes place.
g) Start the recovery machine and operate in accordance with manufacturer's instructions.
h) Do not over fill cylinders. (No more than 80 % volume liquid charge).
i) Do not exceed the maximum working pressure of the cylinder, even temporarily.
j) When the cylinders have been filled correctly and the process completed, make sure that the cylinders and the equipment are removed from site promptly and all isolation valves on the equipment are closed off.
k) Recovered refrigerant shall not be charged into another refrigeration system unless it has been cleaned and checked.

Labelling

11. • Equipment shall be labelled stating that it has been de-commissioned and emptied of refrigerant.
• The label shall be dated and signed.
• Ensure that there are labels on the equipment stating the equipment contains flammable refrigerant.

 CAUTION

Recovery

- When removing refrigerant from a system, either for servicing or decommissioning, it is recommended good practice that all refrigerants are removed safely.
- When transferring refrigerant into cylinders, ensure that only appropriate refrigerant recovery cylinders are employed.
- Ensure that the correct number of cylinders for holding the total system charge are available.
- All cylinders to be used are designated for the recovered refrigerant and labelled for that refrigerant (i.e. special cylinders for the recovery of refrigerant).
- Cylinders shall be complete with pressure relief valve and associated shut-off valves in good working order.
- Recovery cylinders are evacuated and, if possible, cooled before recovery occurs.
- The recovery equipment shall be in good working order with a set of instructions concerning the equipment that is at hand and shall be suitable for the recovery of concerning the equipment that is at hand and shall be suitable for the recovery of flammable refrigerants.
- 12. • In addition, a set of calibrated weighing scales shall be available and in good working order.
- Hoses shall be complete with leak-free disconnect couplings and in good condition.
- Before using the recovery machine, check that it is in satisfactory working order, has been properly maintained and that any associated electrical components are sealed to prevent ignition in the event of a refrigerant release.
Consult manufacturer if in doubt.
- The recovered refrigerant shall be returned to the refrigerant supplier in the correct recovery cylinder, and the relevant Waste Transfer Note arranged.
- Do not mix refrigerants in recovery units and especially not in cylinders.
- If compressors or compressor oils are to be removed, ensure that they have been evacuated to an acceptable level to make certain that flammable refrigerant does not remain within the lubricant.
- The evacuation process shall be carried out prior to returning the compressor to the suppliers.
- Only electric heating to the compressor body shall be employed to accelerate this process.
- When oil is drained from a system, it shall be carried out safely.

3. Specifications

3.1 CU-2TZ41TBE

Item			Unit	OUTDOOR UNIT
Indoor Unit Combination				1.6kW + 2.5kW
Power Source				1 Phase, 230V, 50Hz (Power supply from outdoor unit)
Cooling Operation	Capacity		kW	4.1 (1.5 ~ 4.7)
			BTU/h	14000 (5120 ~ 16000)
	Electrical Data	Running Current	A	4.60
		Power Input	kW	0.99 (0.27 ~ 1.38)
		EER	W/W	4.14 (5.56 ~ 3.41)
	Annual Energy Consumption (A.E.C)		kWh	495
	Annual Consumption		kWh	202
	Noise	Sound Pressure Level	dB-A (H/L)	48 / -
		Sound Power Level	dB (H/L)	63 / -
Heating Operation	Capacity		kW	4.4 (1.1 ~ 6.3)
			BTU/h	15000 (3750 ~ 21500)
	Electrical Data	Running Current	A	4.60
		Power Input	kW	0.99 (0.22 ~ 1.78)
		COP	W/W	4.44 (5.00 ~ 3.54)
	Annual Consumption		kWh	1139
	Noise	Sound Pressure Level	dB-A (H/L)	50 / -
		Sound Power Level	dB (H/L)	65 / -
Maximum Current			A	11.5
Maximum Input Power			W	2.60k
Starting Current			A	4.60
Dimension	Height		mm	542
	Width		mm	780 (+70)
	Depth		mm	289
Net Weight			kg	35
Pipe Length Range (1 room)			m	3 ~ 20
Maximum Pipe Length (Total Room)			m	30
Piping	Standard Length		m	5
	Height Difference		m	10
	Add. Gas Amount		g/m	15
	Pipe Length for Add. Gas		m	20
Refrigerant Pipe Diameter	Liquid Side		mm (inch)	6.35 (1/4)
	Gas Side		mm (inch)	9.52 (3/8)
Compressor	Type			Hermetic Motor / Rotary
	Motor Type			Brushless (4-poles)
	Rated Output		W	900
Fan Motor	Type			Propeller Fan
	Motor Type			DC Motor (8-poles)
	Rated Output		W	40
Fan Speed	High (Cooling / Heating)		RPM	920 / 890

Item			Unit	OUTDOOR UNIT	
Heat Exchanger	Type			Plate fin configuration forced draft type	
	Tube Material			Copper	
	Fin Material			Aluminum (Pre Coat)	
	Row / Stage			2 / 24	
	FPI			19	
Air Volume	High (Cooling / Heating)		m ³ /min (ft ³ /min)	33.1 (1170) / 33.1 (1170)	
Refrigerant Control Device				Expansion Valve	
Refrigerant Oil			cm ³	FW50S (450)	
Refrigerant (R32)			g	900	
				Dry Bulb	Wet Bulb
Outdoor Operation Range	Cooling	Maximum	°C	46	26
		Minimum	°C	-10	—
	Heating	Maximum	°C	24	18
		Minimum	°C	-15	-16

Note

- Specifications are subject to change without notice for further improvement.

3.2 CU-2TZ50TBE

Item			Unit	OUTDOOR UNIT
Indoor Unit Combination				2.5kW + 2.5kW
Power Source				1 Phase, 230V, 50Hz (Power supply from outdoor unit)
Cooling Operation	Capacity		kW	5.0 (1.5 ~ 5.4)
			BTU/h	17100 (5120 ~ 18400)
	Electrical Data	Running Current	A	6.00
		Power Input	kW	1.30 (0.27 ~ 1.62)
		EER	W/W	3.85 (5.56 ~ 3.33)
	Annual Energy Consumption (A.E.C)		kWh	650
	Annual Consumption		kWh	250
	Noise	Sound Pressure Level	dB-A (H/L)	50 / -
		Sound Power Level	dB (H/L)	65 / -
Heating Operation	Capacity		kW	5.7 (1.1 ~ 6.4)
			BTU/h	19400 (3750 ~ 21800)
	Electrical Data	Running Current	A	6.00
		Power Input	kW	1.31 (0.22 ~ 1.77)
		COP	W/W	4.35 (5.00 ~ 3.62)
	Annual Consumption		kWh	1500
	Noise	Sound Pressure Level	dB-A (H/L)	52 / -
		Sound Power Level	dB (H/L)	67 / -
Maximum Current			A	12.0
Maximum Input Power			W	2.73k
Starting Current			A	6.00
Dimension	Height		mm	542
	Width		mm	780 (+70)
	Depth		mm	289
Net Weight			kg	35
Pipe Length Range (1 room)			m	3 ~ 20
Maximum Pipe Length (Total Room)			m	30
Piping	Standard Length		m	5
	Height Difference		m	10
	Add. Gas Amount		g/m	15
	Pipe Length for Add. Gas		m	20
Refrigerant Pipe Diameter	Liquid Side		mm (inch)	6.35 (1/4)
	Gas Side		mm (inch)	9.52 (3/8)
Compressor	Type			Hermetic Motor / Rotary
	Motor Type			Brushless (4-poles)
	Rated Output		W	900
Air Circulation	Type			Propeller Fan
	Motor Type			DC Motor (8-poles)
	Rated Output		W	40
Fan Speed	High (Cooling / Heating)		RPM	1000 / 1020

Item			Unit	OUTDOOR UNIT	
Heat Exchanger	Type			Plate fin configuration forced draft type	
	Tube Material			Copper	
	Fin Material			Aluminum (Pre Coat)	
	Row / Stage			2 / 24	
	FPI			19	
Air Volume	High (Cooling / Heating)		m ³ /min (ft ³ /min)	34.9 (1230) / 34.9 (1230)	
Refrigerant Control Device				Expansion Valve	
Refrigerant Oil			cm ³	FW50S (450)	
Refrigerant (R32)			g	900	
				Dry Bulb	Wet Bulb
Outdoor Operation Range	Cooling	Maximum	°C	46	26
		Minimum	°C	-10	—
	Heating	Maximum	°C	24	18
		Minimum	°C	-15	-16

Note

- Specifications are subject to change without notice for further improvement.

3.3 CU-3TZ52TBE

Item			Unit	OUTDOOR UNIT
Indoor Unit Combination				1.6kW + 1.6kW + 2.0kW
Power Source				1 Phase, 230V, 50Hz (Power supply from outdoor unit)
Cooling Operation	Capacity		kW	5.20 (1.80 ~ 6.60)
			BTU/h	17700 (6140 ~ 22500)
	Electrical Data	Running Current	A	5.30
		Power Input	W	1.15k (360 ~ 1.80k)
		EER	W/W	4.52 (5.00 ~ 3.67)
	Annual Consumption		kWh	239
	Noise	Sound Pressure Level	dB-A (H/L)	48 / -
		Sound Power Level	dB (H/L)	62 / -
Heating Operation	Capacity		kW	6.80 (1.60 ~ 7.50)
			BTU/h	23200 (5460 ~ 25600)
	Electrical Data	Running Current	A	7.30
		Power Input	W	1.59k (320 ~ 1.94k)
		COP	W/W	4.28 (5.00 ~ 3.87)
	Annual Consumption		kWh	1667
	Noise	Sound Pressure Level	dB-A (H/L)	48 / -
		Sound Power Level	dB (H/L)	62 / -
Maximum Current			A	15.2
Maximum Input Power			W	3.46k
Starting Current			A	7.30
Extra Low Temperature	Capacity		kW	3.95
	Input Power		W	1470
	Cop		W/W	2.69
Dimension	Height		mm	795
	Width		mm	875 (+95)
	Depth		mm	320
Net Weight			kg	71
Pipe Length Range (1 room)			m	3 ~ 25
Maximum Pipe Length (Total Room)			m	50
Piping	Standard Length		m	5
	Height Difference		m	15
	Add. Gas Amount		g/m	20
	Pipe Length for Add. Gas		m	30
Refrigerant Pipe Diameter	Liquid Side		mm (inch)	6.35 (1/4)
	Gas Side		mm (inch)	9.52 (3/8)
Compressor	Type			Hermetic Motor / Rotary
	Motor Type			Brushless (4-poles)
	Rated Output		W	1.30k
Fan Motor	Type			Propeller Fan
	Motor Type			DC Motor (8-poles)
	Rated Output		W	60
Fan Speed	High (Cooling / Heating)		RPM	620 / 580

Item			Unit	OUTDOOR UNIT	
Heat Exchanger	Type			Plate fin configuration forced draft type	
	Tube Material			Copper	
	Fin Material			Aluminum (Pre Coat)	
	Row / Stage			2 / 36	
	FPI			19	
Air Volume	High (Cooling / Heating)		m ³ /min (ft ³ /min)	41.7 (1470) / 41.7 (1470)	
Refrigerant Control Device			min	Expansion Valve	
Refrigerant Oil			cm ³	FW50S (900)	
Refrigerant (R32)			g	2.10k	
				Dry Bulb	Wet Bulb
Outdoor Operation Range	Cooling	Maximum	°C	46	26
		Minimum	°C	-10	—
	Heating	Maximum	°C	24	18
		Minimum	°C	-15	-16

Note

- Specifications are subject to change without notice for further improvement.

- **Multi Split Combination Possibility:**

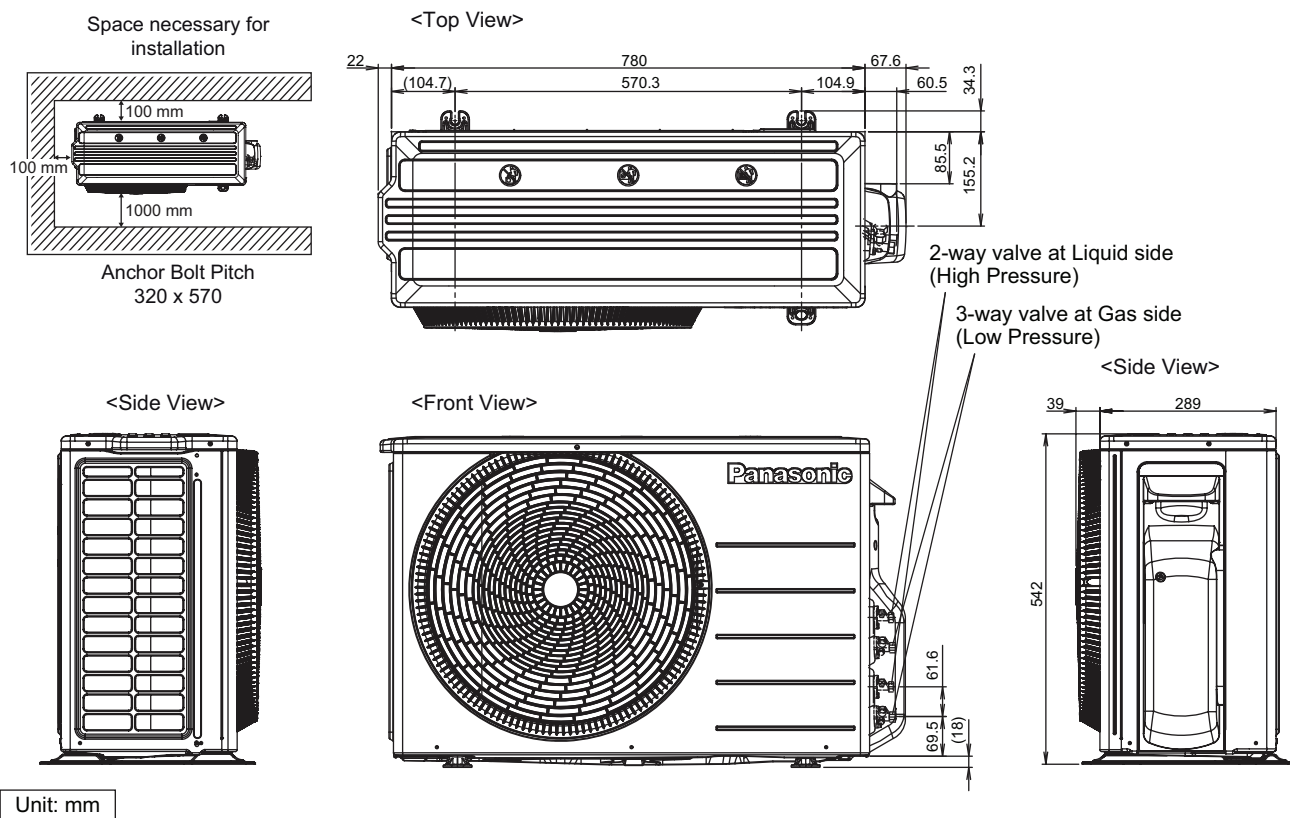
- A single outdoor unit enables air conditioning of up to two separate rooms for CU-2TZ41TBE, CU-2TZ50TBE.
- A single outdoor unit enables air conditioning of up to three separate rooms for CU-3TZ52TBE.

CONNECTABLE INDOOR UNIT			OUTDOOR UNIT						
			CU-2TZ41TBE		CU-2TZ50TBE		CU-3TZ52TBE		
ROOM			A	B	A	B	A	B	C
TYPE									
Wall	1.6kW	CS-MTZ16WKE	●	●	●	●	●	●	●
	2.0kW	CS-TZ20WKEW CS-RZ20WKEW	●	●	●	●	●	●	●
	2.5kW	CS-TZ25WKEW CS-RZ25WKEW	●	●	●	●	●	●	●
	3.5kW	CS-TZ35WKEW CS-RZ35WKEW	●	—	●	●	●	●	—
	4.2kW	CS-TZ42WKEW	—	—	●	—	●	●	—
	5.0kW	CS-TZ50WKEW CS-RZ50WKEW	—	—	●	—	●	—	—
Capacity range of connectable units			From 3.2kW to 6.0kW		From 3.2kW to 7.7kW		From 4.5kW to 9.5kW		
Pipe length	1 room maximum pipe length (m)		20		20		25		
	Allowable elevation (m)		10		10		15		
	Total allowable pipe length (m)		30		30		50		
	Total pipe length for maximum chargeless length (m)		20		20		30		
	Additional gas amount over chargeless length (g/m)		15		15		20		
Note: “●” : Available									
Remarks for CU-2TZ41TBE / CU-2TZ50TBE / CU-3TZ52TBE 1. At least two indoor units must be connected. 2. The total nominal cooling capacity of indoor unit that will be connected to outdoor unit must be within connectable capacity range of indoor unit. (as shown in the table above) Example: The indoor units' combination below is possible to connect to CU-3TZ52TBE. (Total nominal capacity of indoor units is between 4.5kW to 9.5kW) 1) Two CS-TZ25WKEW only. (Total nominal cooling capacity is 5.0kW)									

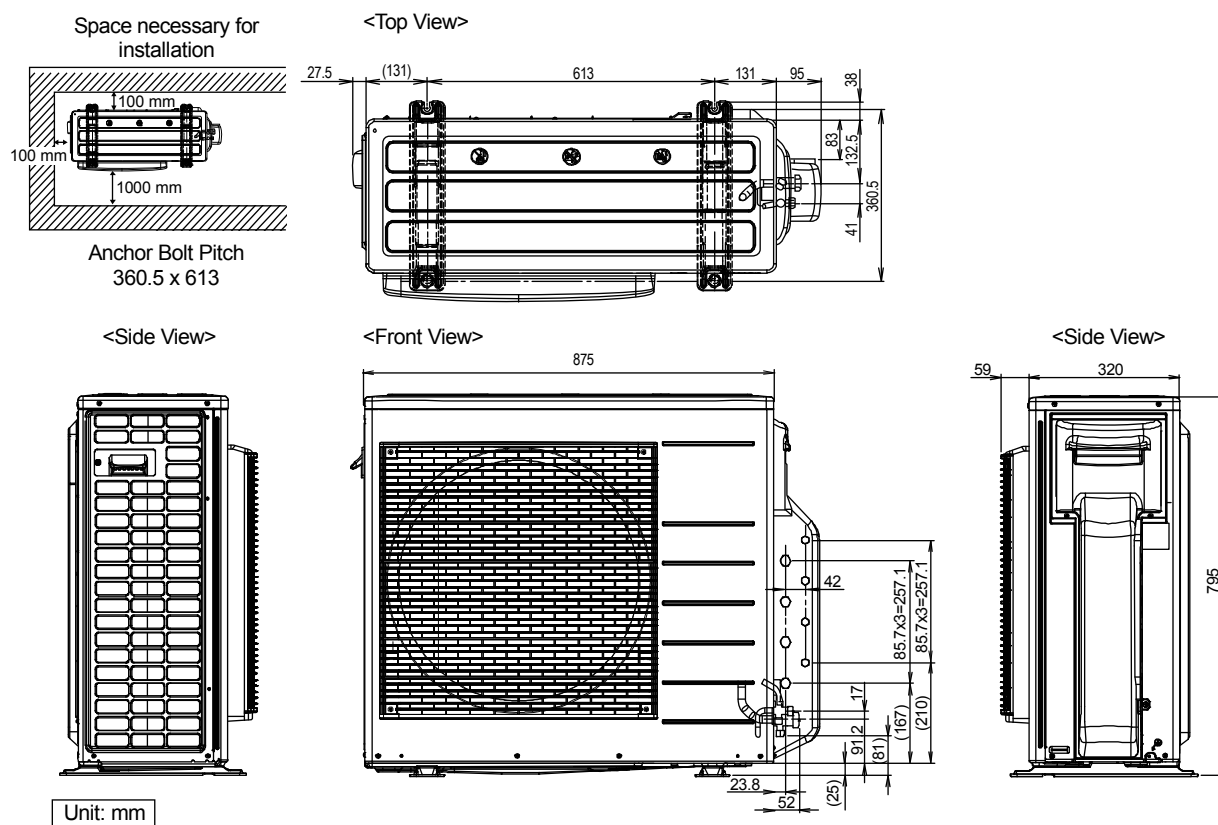
Refer Appendix 1 for Multi Split Combination Table details.

4. Dimensions

4.1 CU-2TZ41TBE CU-2TZ50TBE

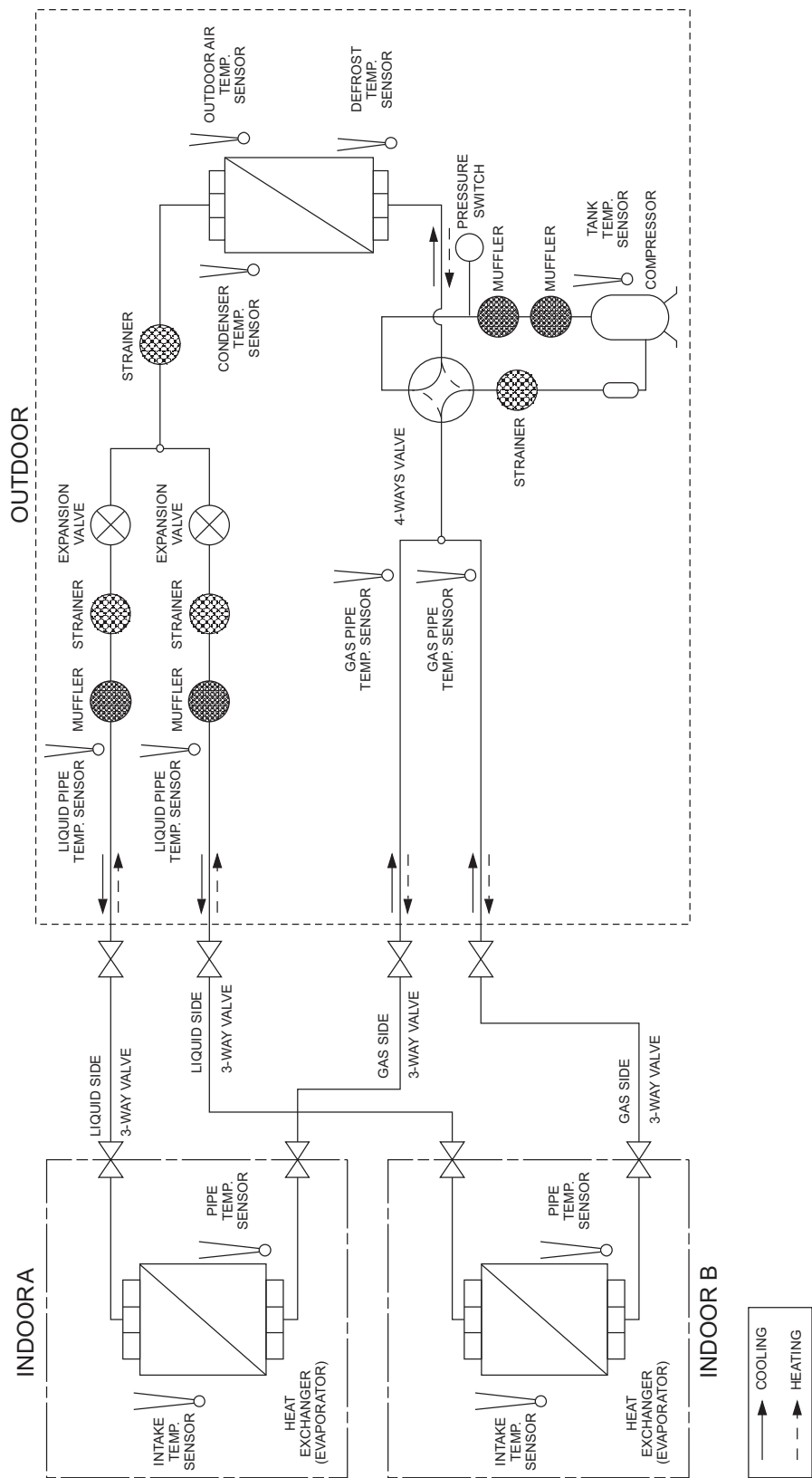


4.2 CU-3TZ52TBE

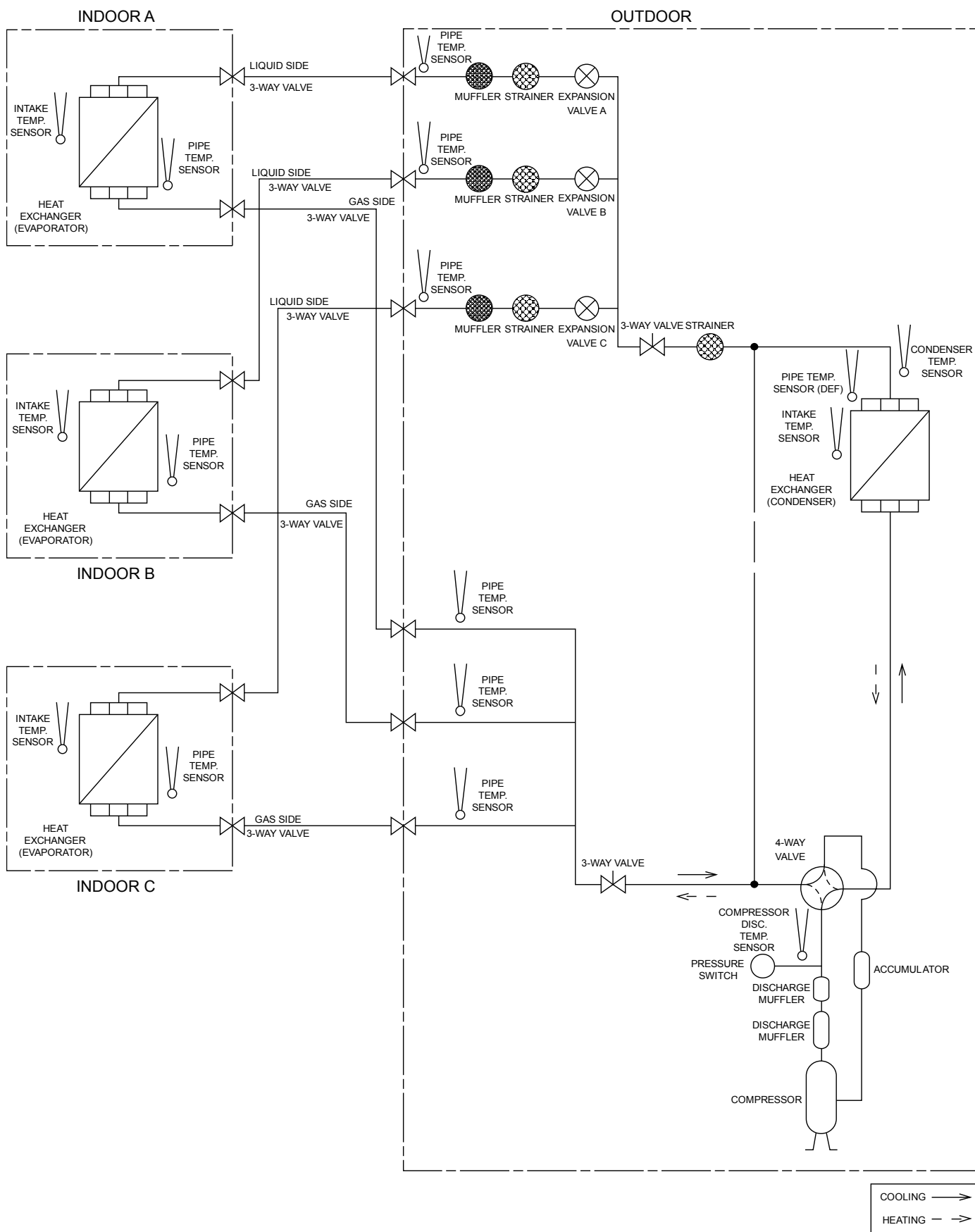


5. Refrigeration Cycle Diagram

5.1 CU-2TZ41TBE CU-2TZ50TBE

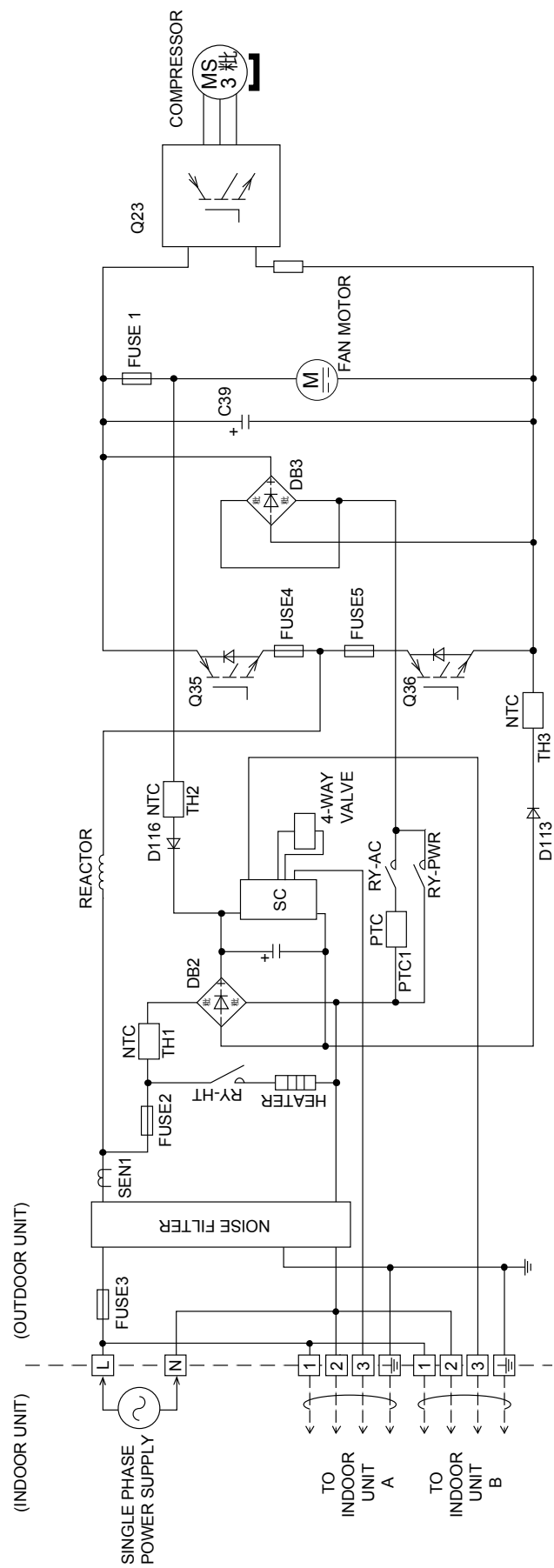


5.2 CU-3TZ52TBE

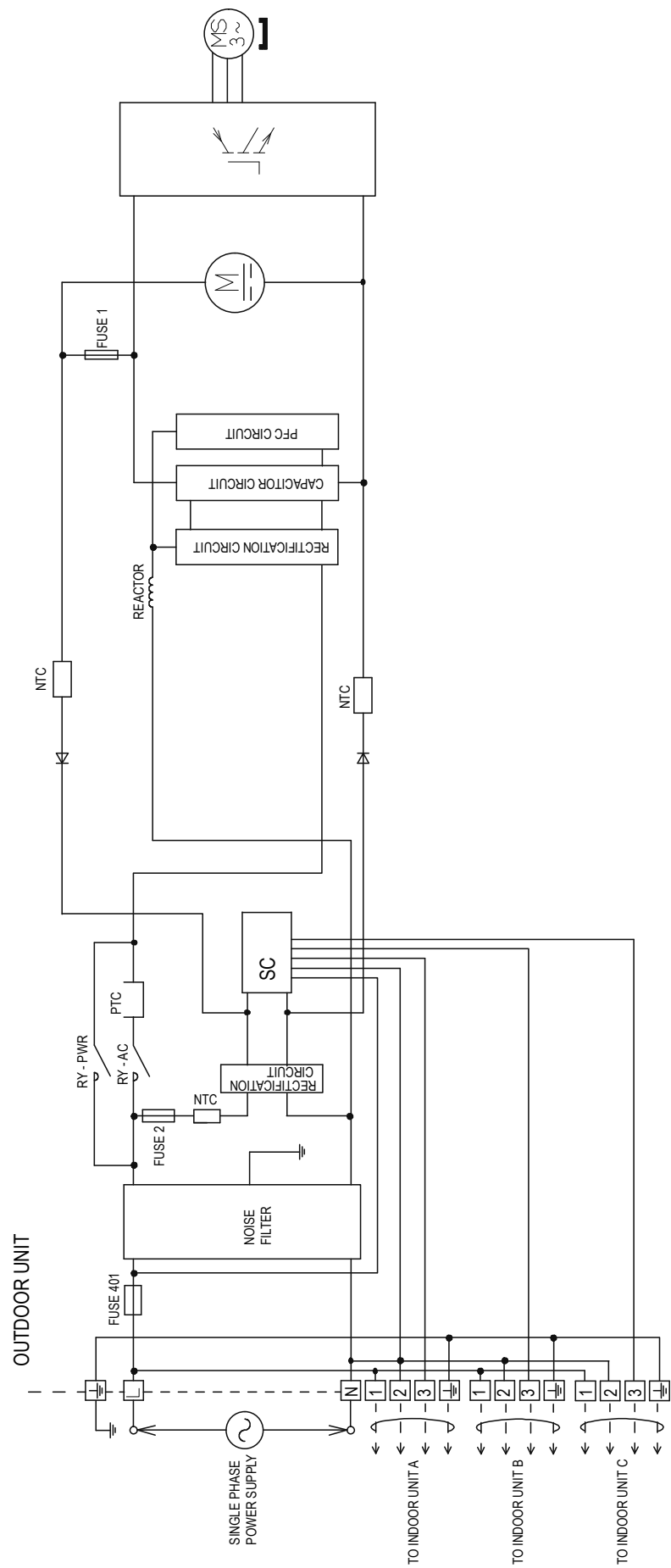


6. Block Diagram

6.1 CU-2TZ41TBE CU-2TZ50TBE



6.2 CU-3TZ52TBE

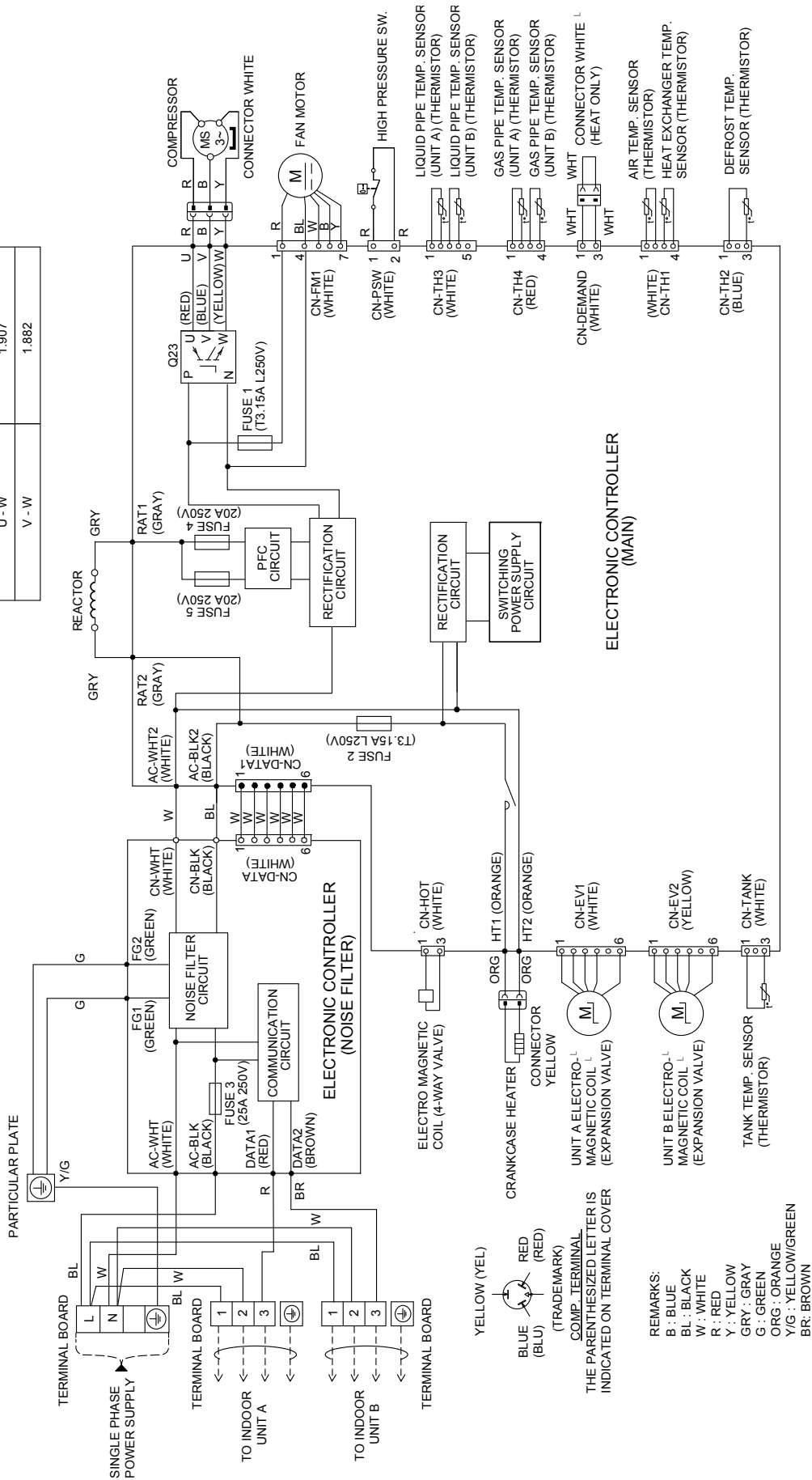


7. Wiring Connection Diagram

7.1 CU-2TZ41TBE CU-2TZ50TBE

Resistance of Compressor Windings

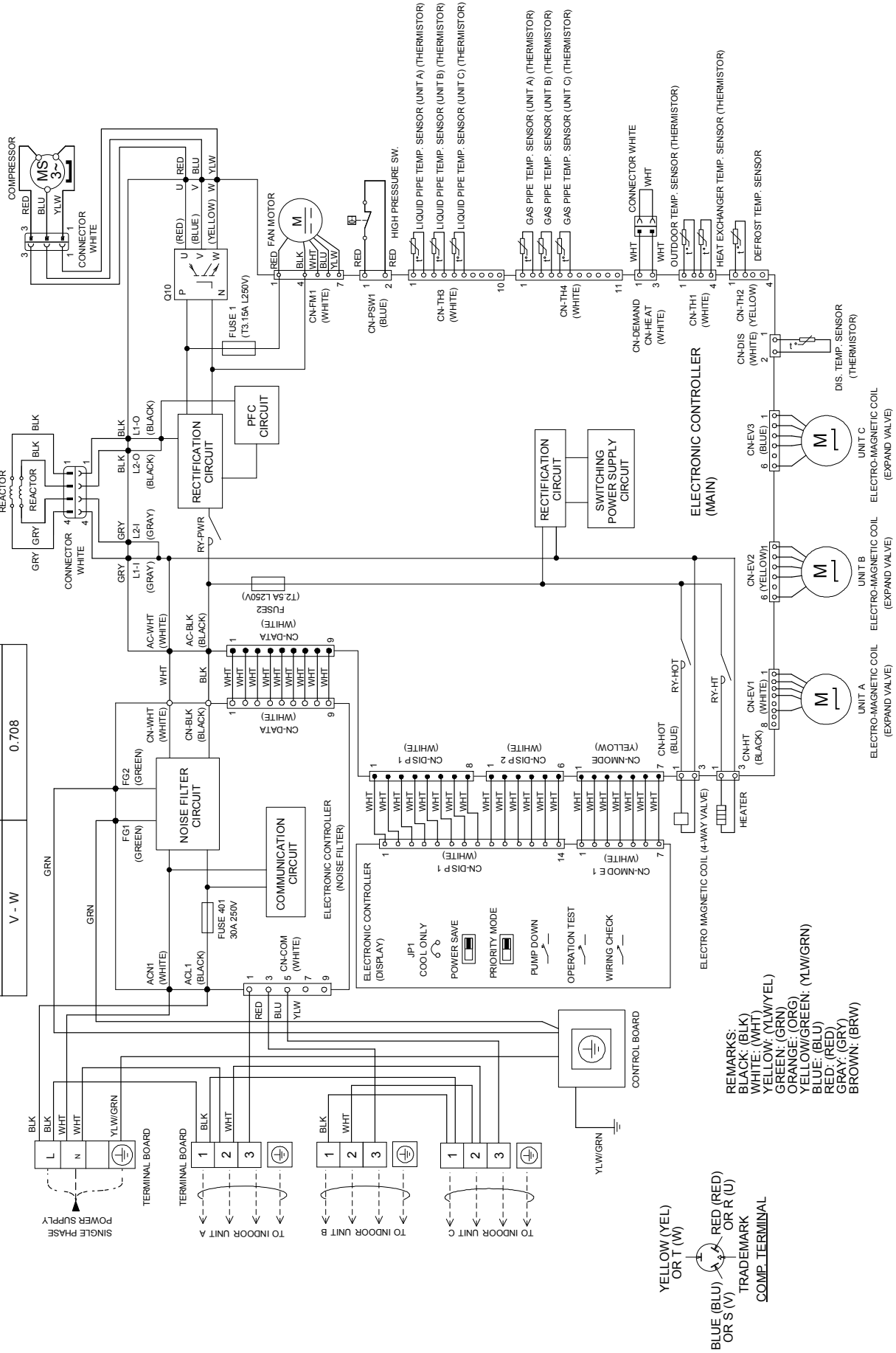
CONNECTION	9RD132XFA21 (Ω)
U - V	1.897
U - W	1.907
V - W	1.882



7.2 CU-3TZ52TBE

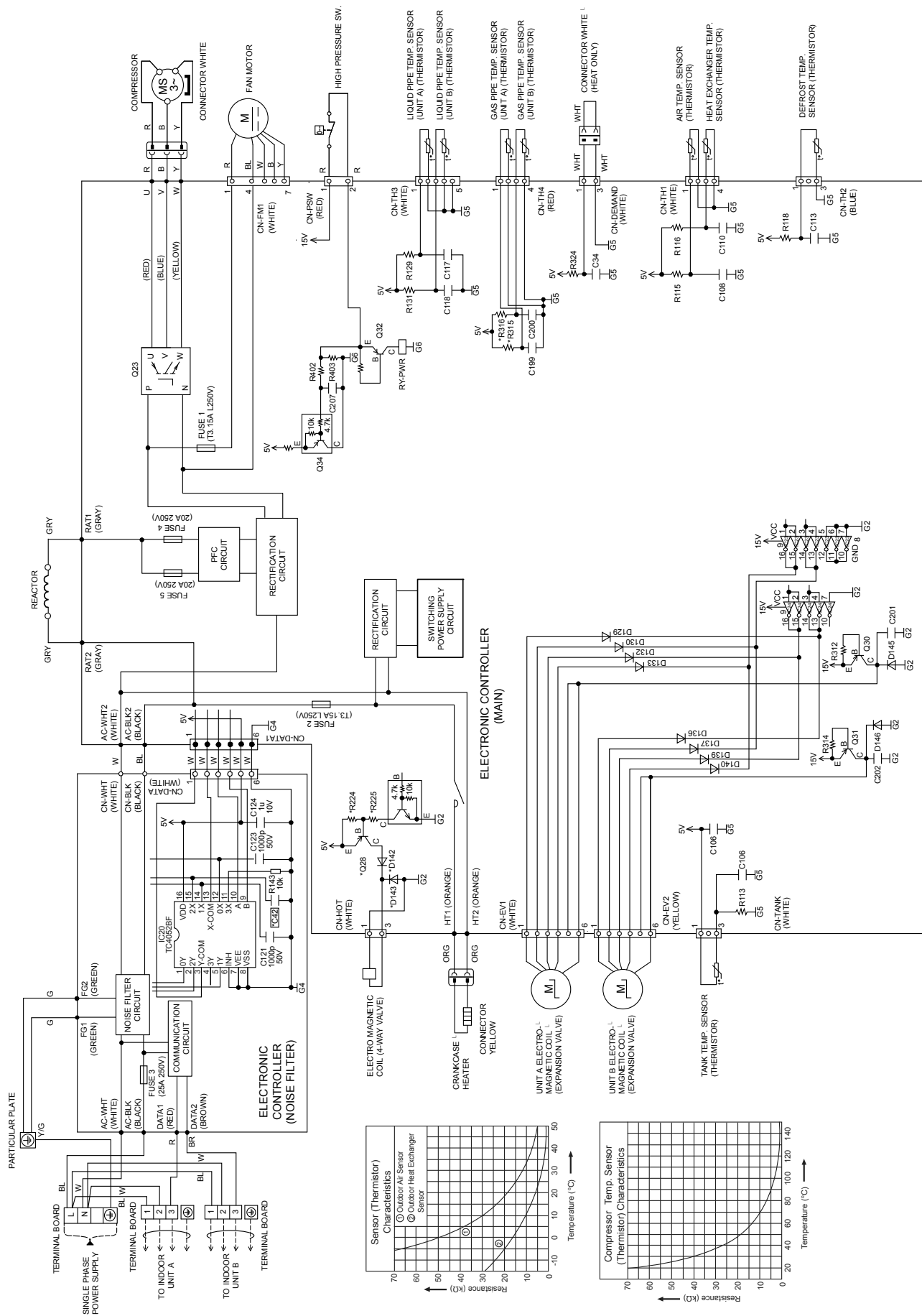
Resistance of Compressor Windings

CONNECTION	9KD184XAA21 (Ω)
U - V	0.720
U - W	0.726
V - W	0.708

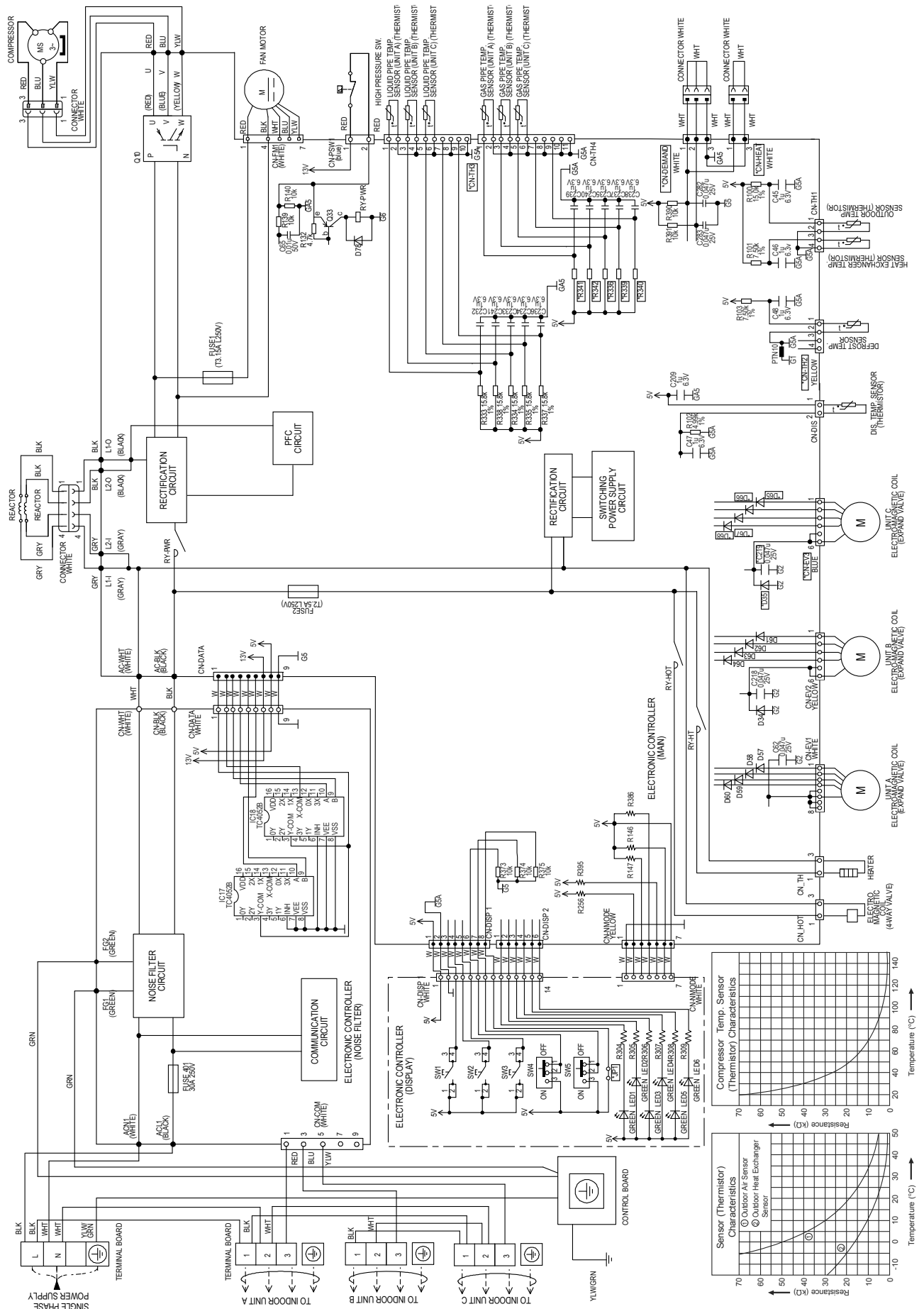


8. Electronic Circuit Diagram

8.1 CU-2TZ41TBE CU-2TZ50TBE



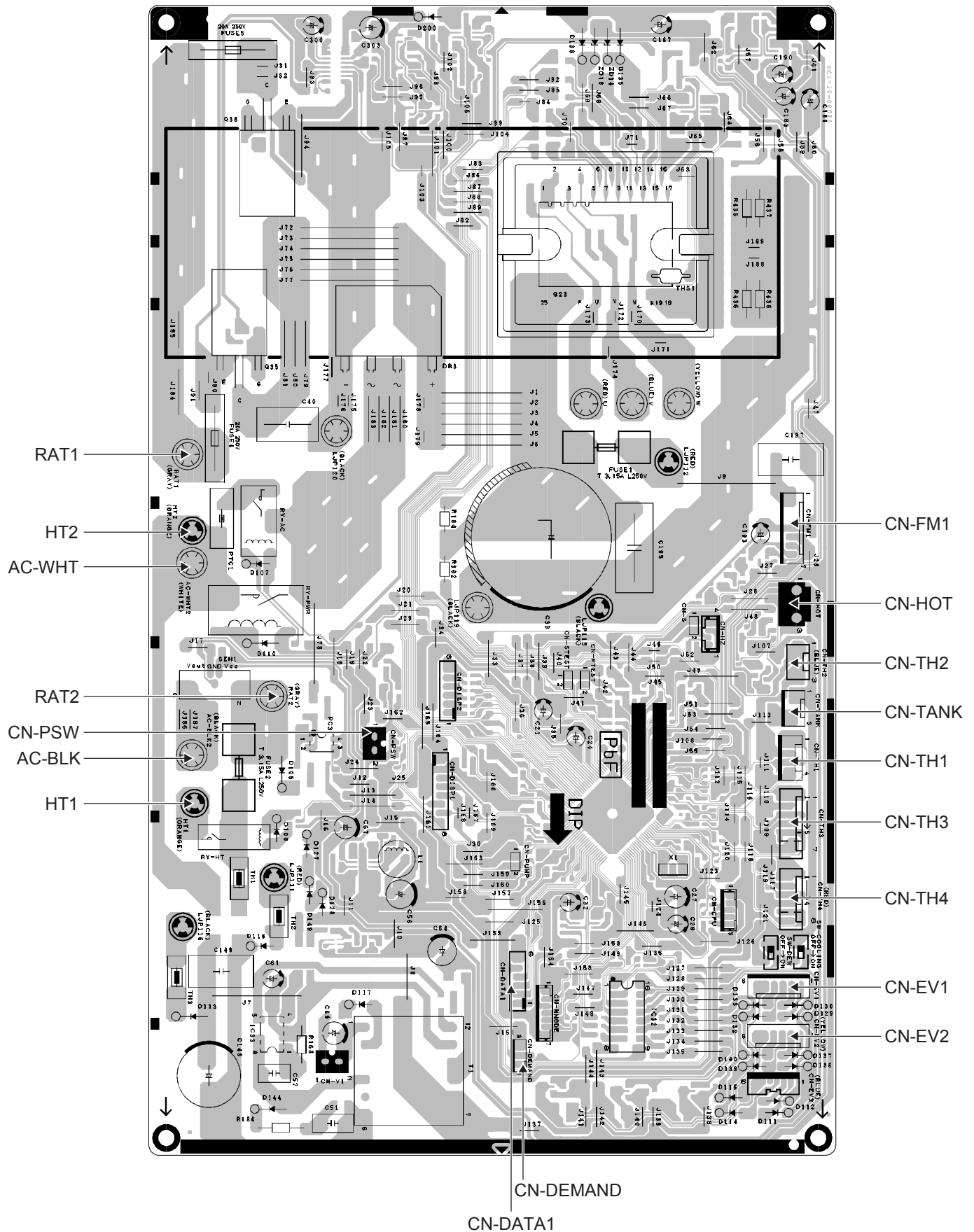
8.2 CU-3TZ52TBE



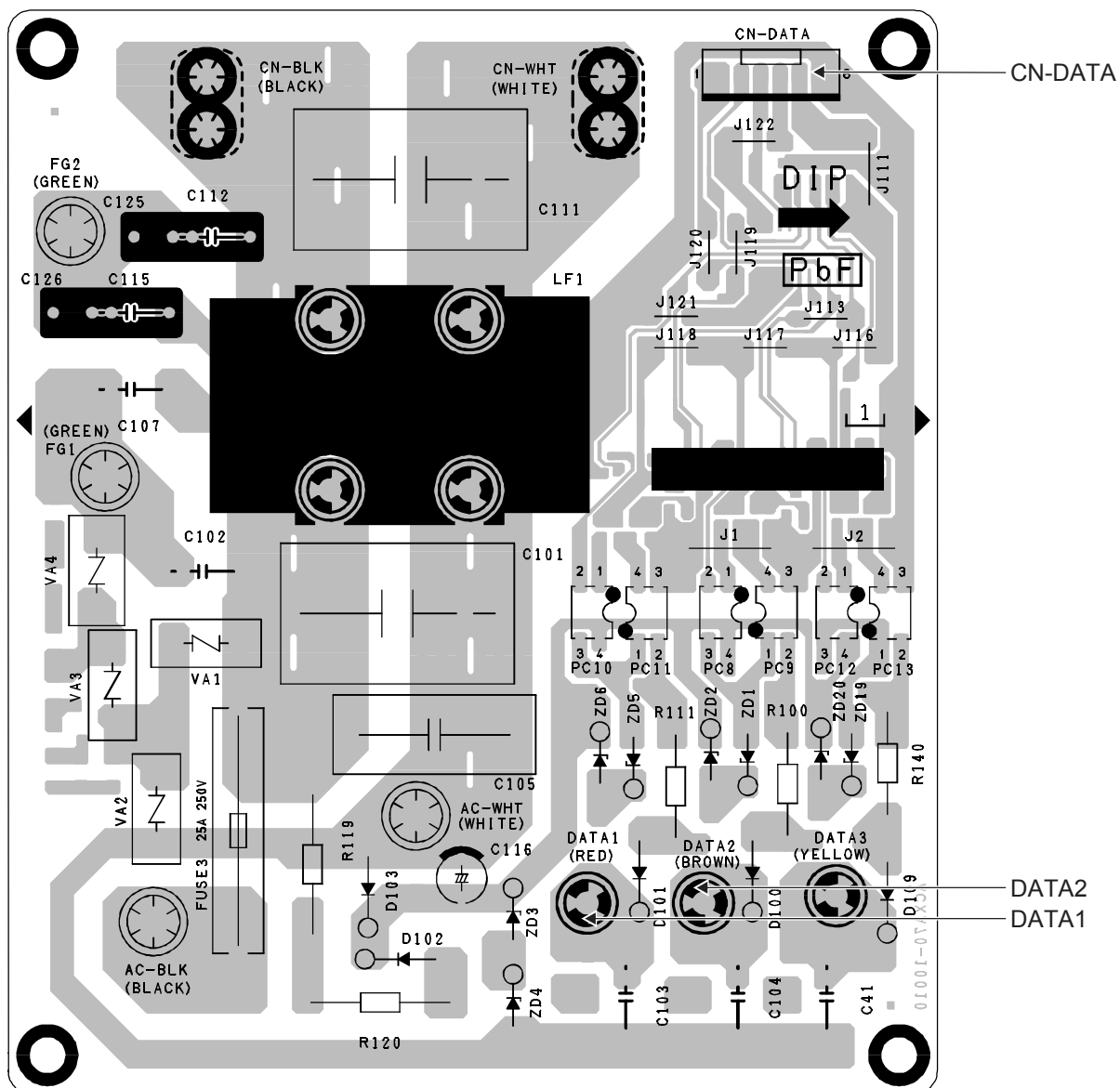
9. Printed Circuit Board

9.1 CU-2TZ41TBE CU-2TZ50TBE

9.1.1 Main Printed Circuit Board



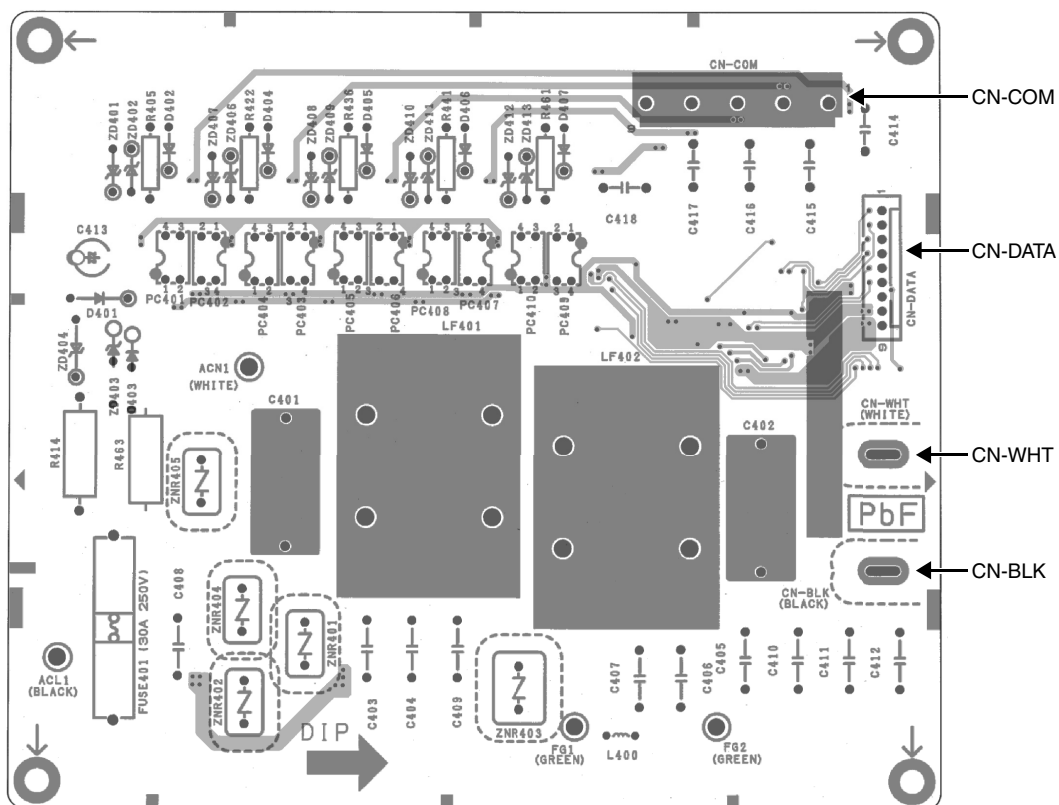
9.1.2 Noise Filter Printed Circuit Board



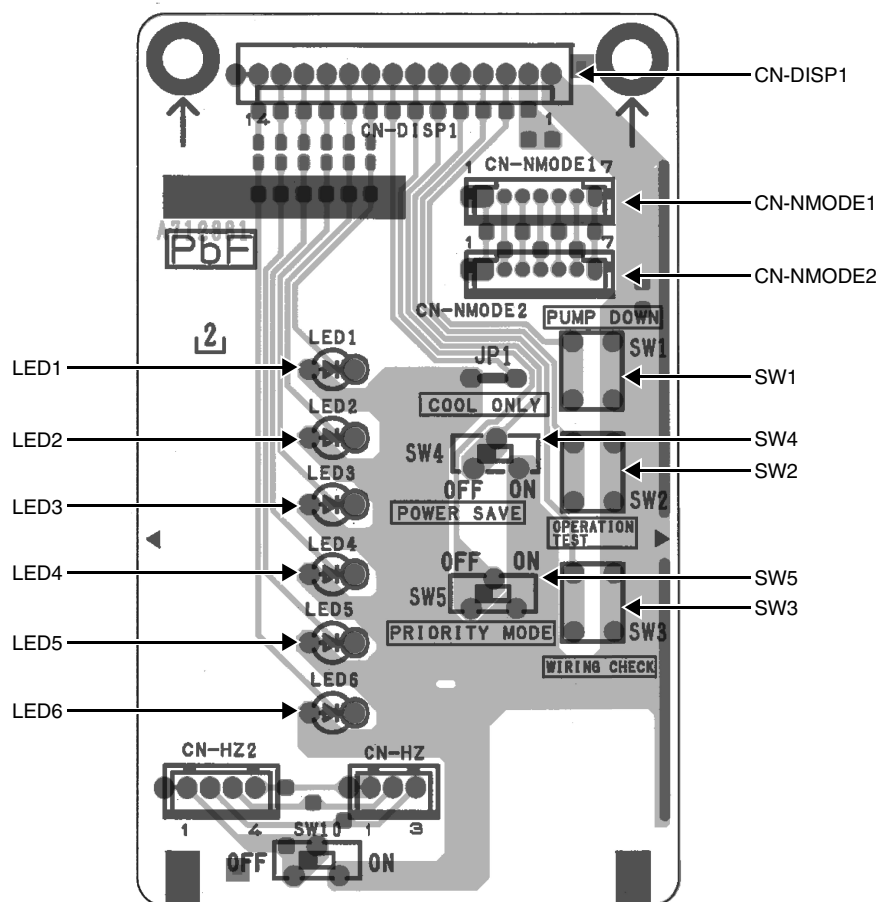
9.2.1 Main Printed Circuit Board



9.2.2 Noise Filter Printed Circuit Board



9.2.3 Display Printed Circuit Board



10. Technical Data

Technical data provided are based on the air conditioner running under free frequency.

Refer Appendix 2.

11. Service Data

Service Data provided are based on the air conditioner running under rated frequency during forced cooling / forced heating mode.

11.1 Operation Characteristics (CU-2TZ41TBE)

11.1.1 One Indoor Unit Operation

- Cooling Characteristic

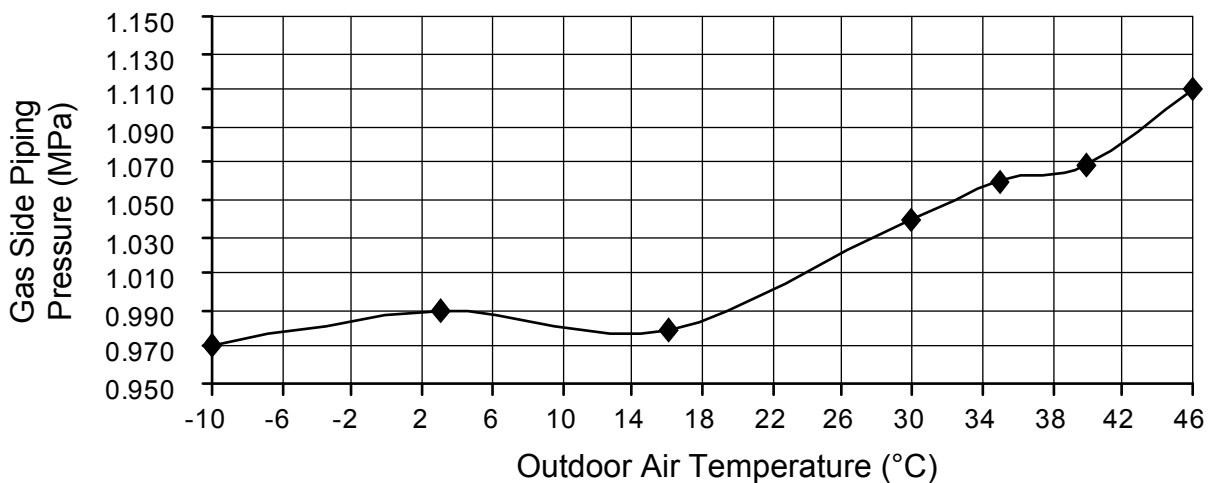
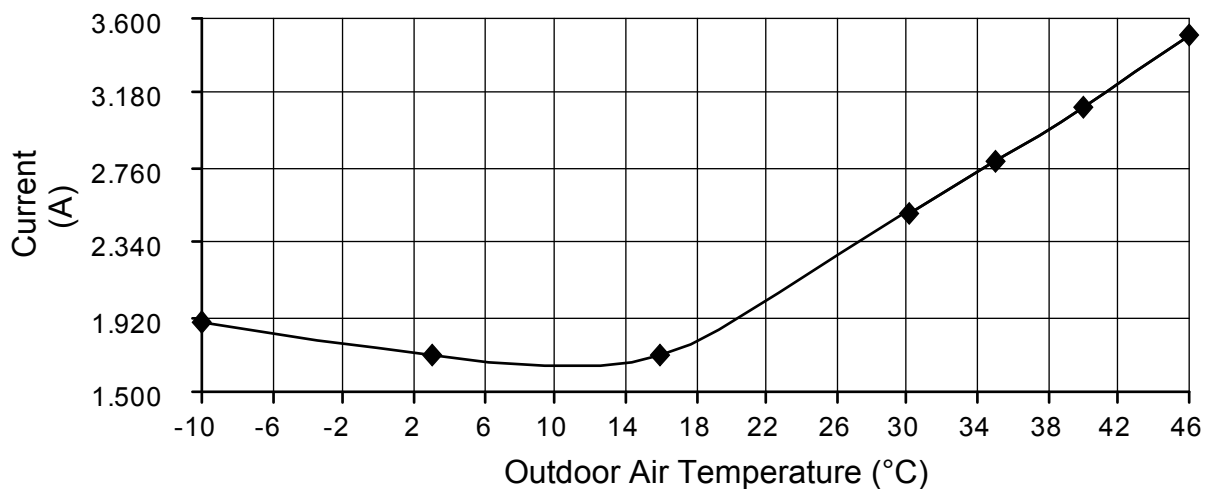
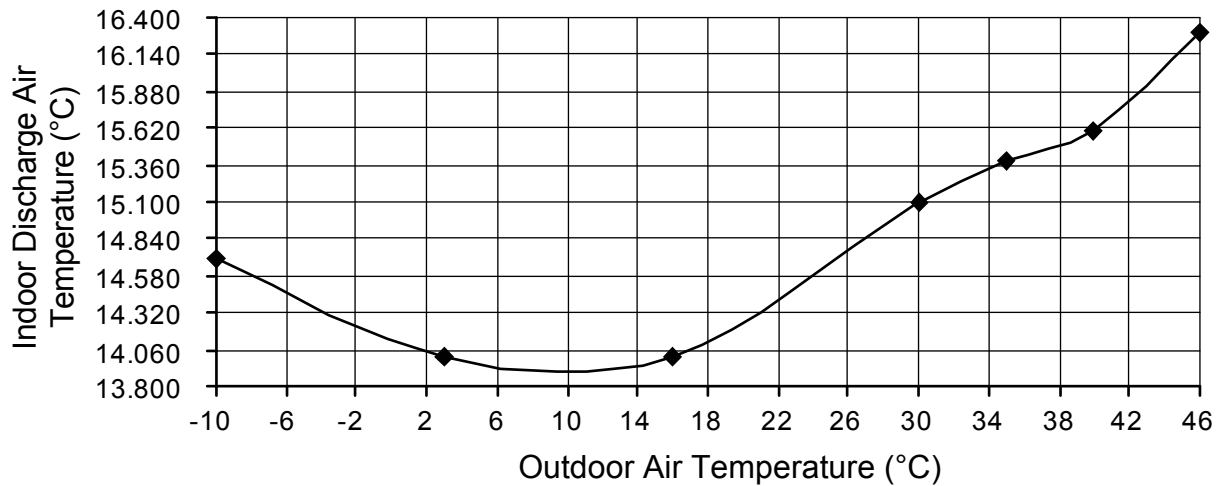
[Condition] Room temperature: 27°C (DBT), 19°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

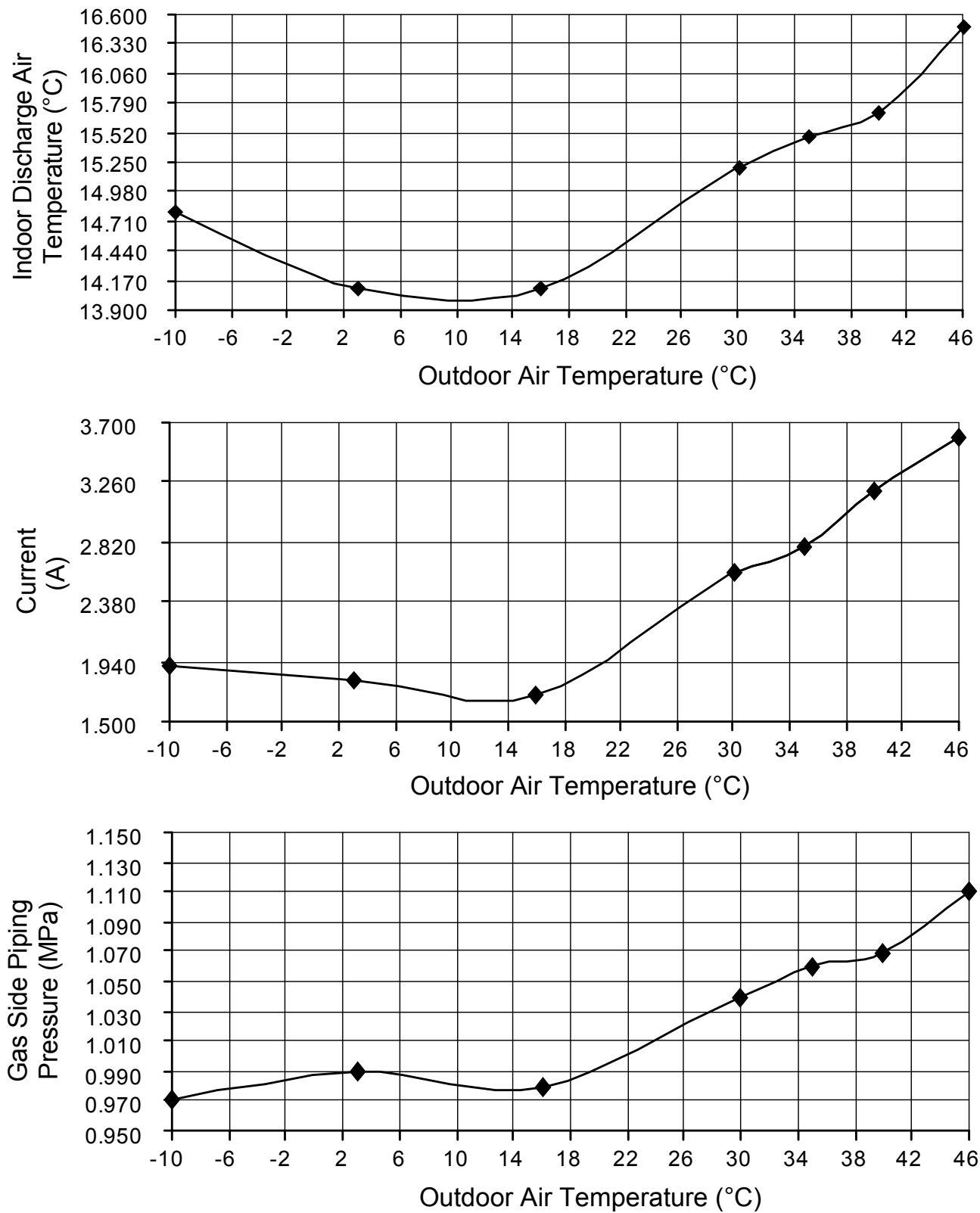
Voltage: 230V, 50Hz

A) Indoor unit capacity: Cooling (1.6), CS-MTZ16TKE



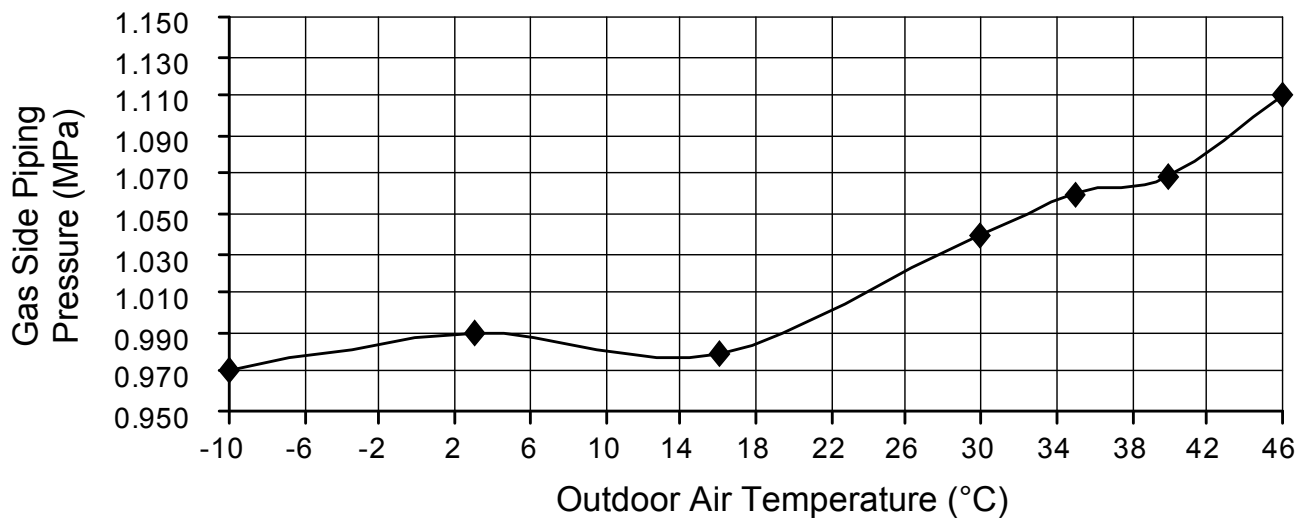
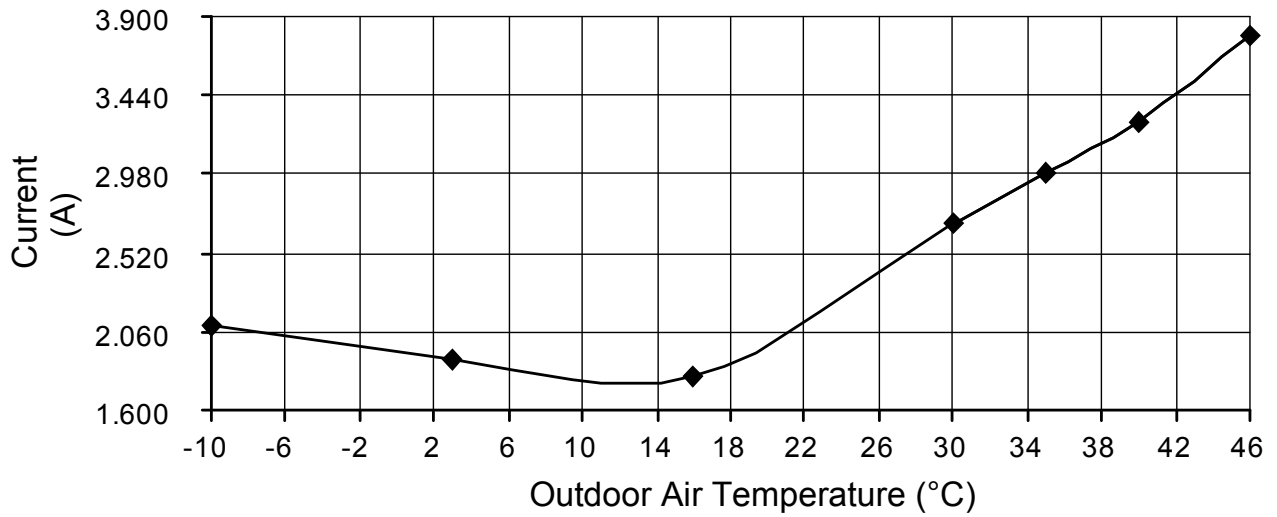
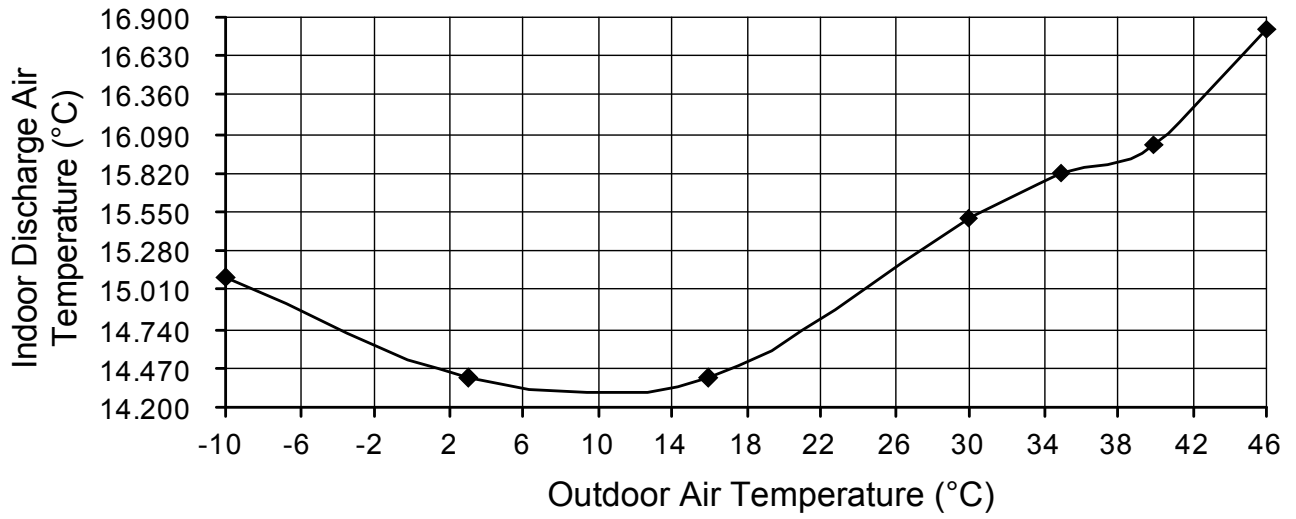
- Cooling Characteristic
- [Condition] Room temperature: 27°C (DBT), 19°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

B) Indoor unit capacity: Cooling (2.0), CS-TZ20TKEW



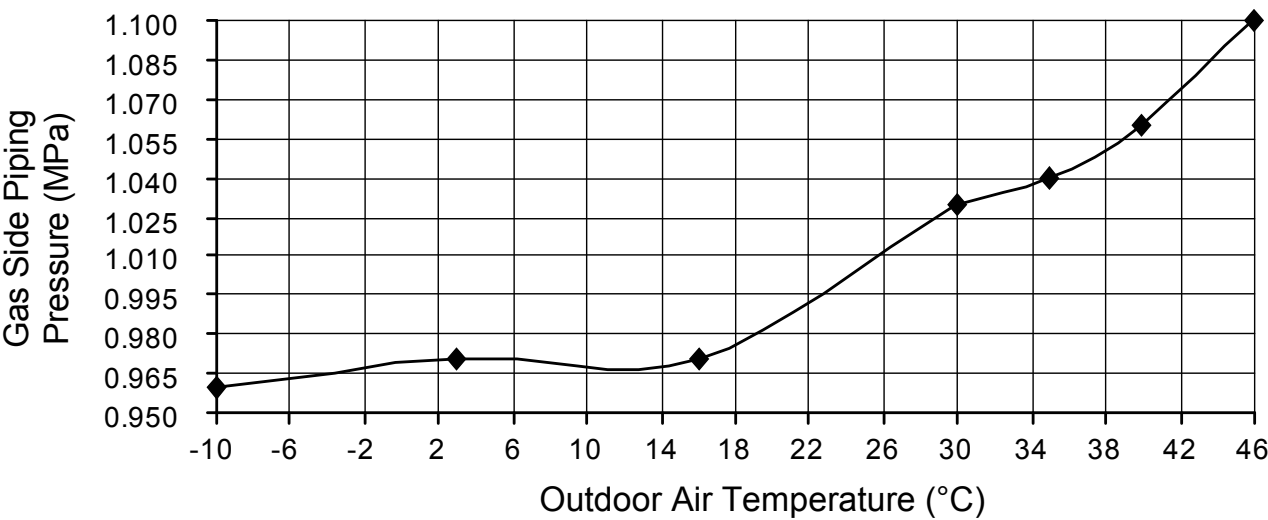
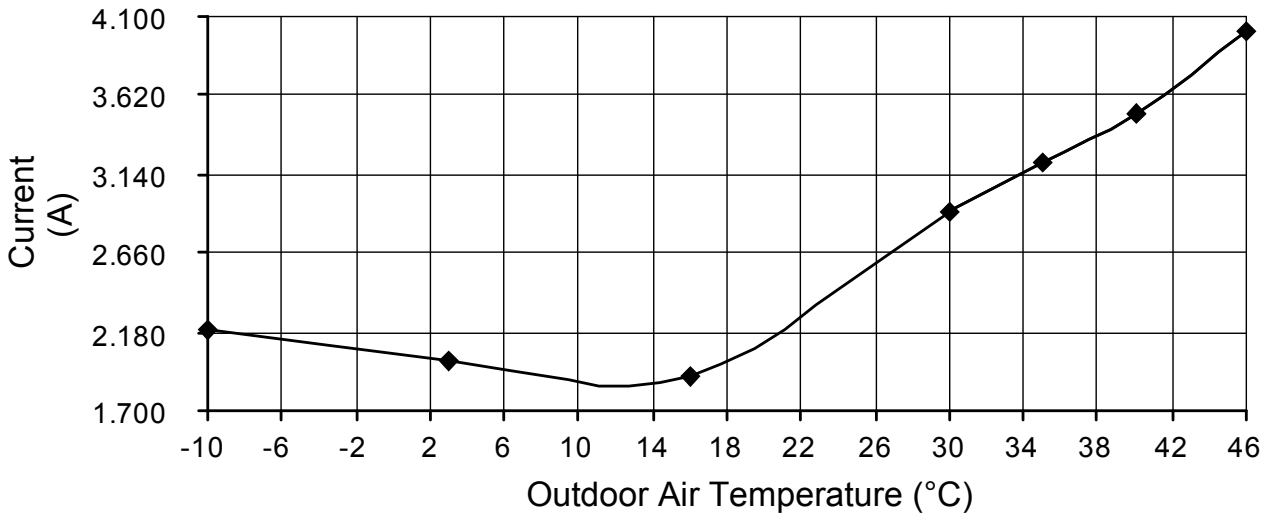
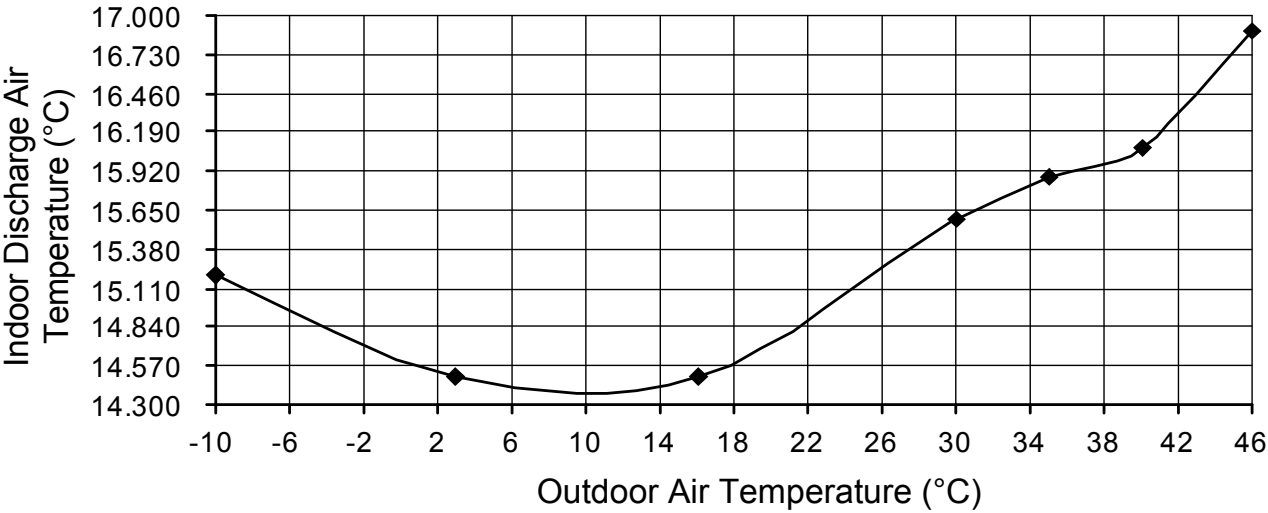
- Cooling Characteristic
- [Condition] Room temperature: 27°C (DBT), 19°C (WBT)
 Operation condition: High fan speed
 Piping length: 5.0 m
 Voltage: 230V, 50Hz

C) Indoor unit capacity: Cooling (2.5), CS-TZ25TKEW



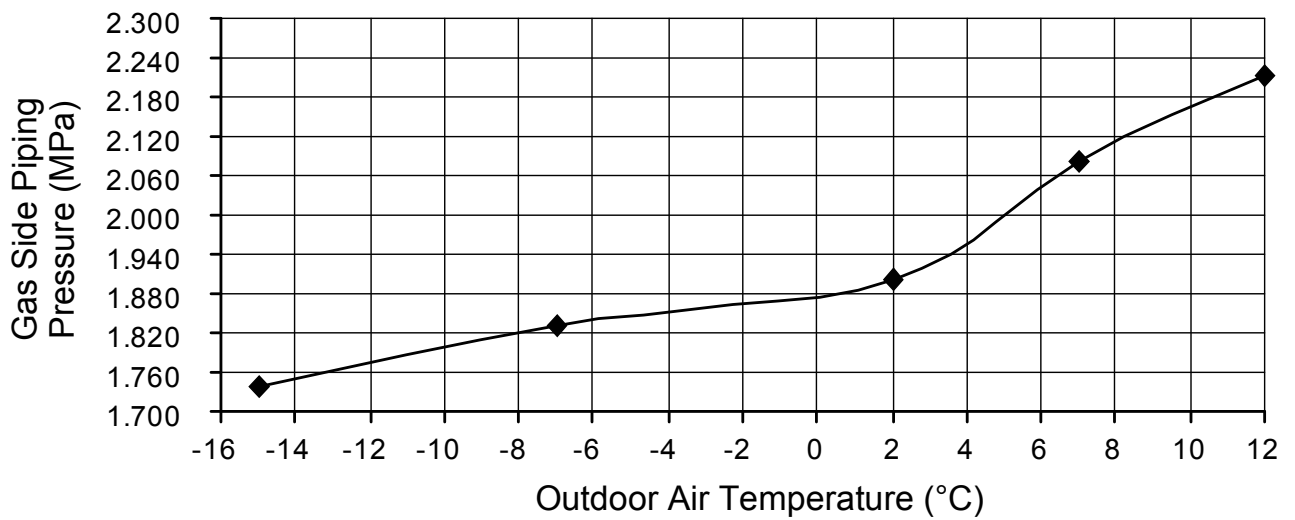
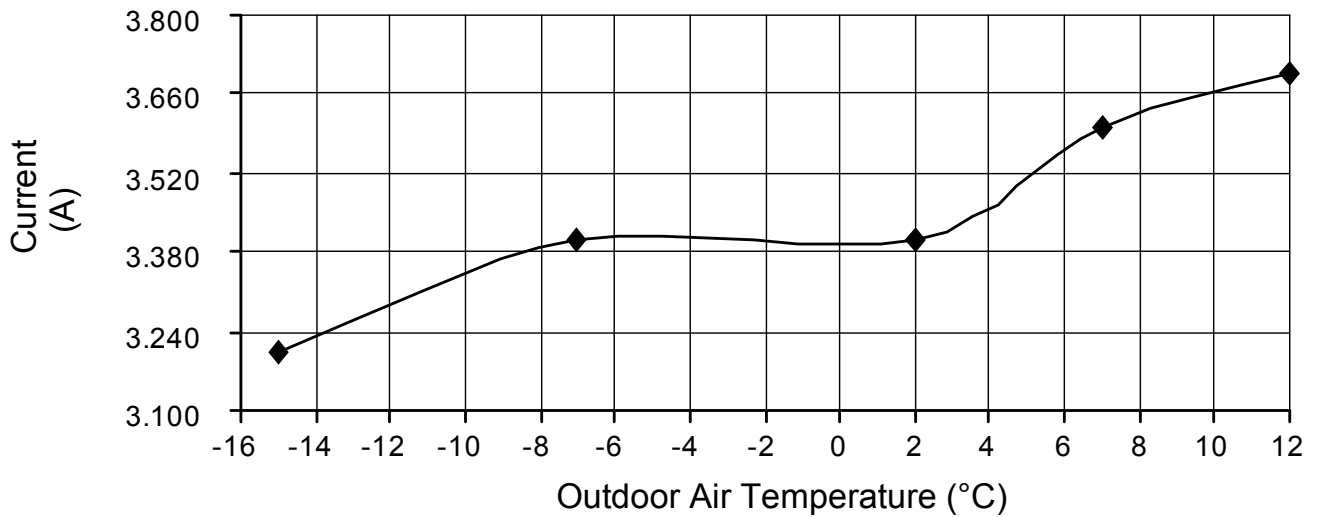
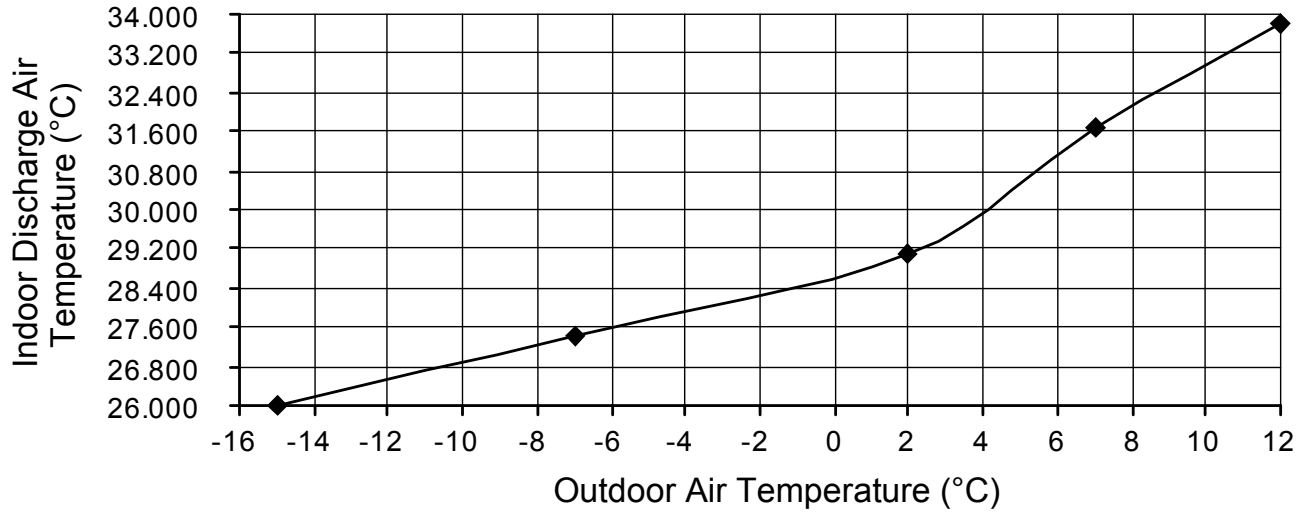
- Cooling Characteristic
- [Condition] Room temperature: 27°C (DBT), 19°C (WBT)
 Operation condition: High fan speed
 Piping length: 5.0 m
 Voltage: 230V, 50Hz

D) Indoor unit capacity: Cooling (3.5), CS-TZ35TKEW



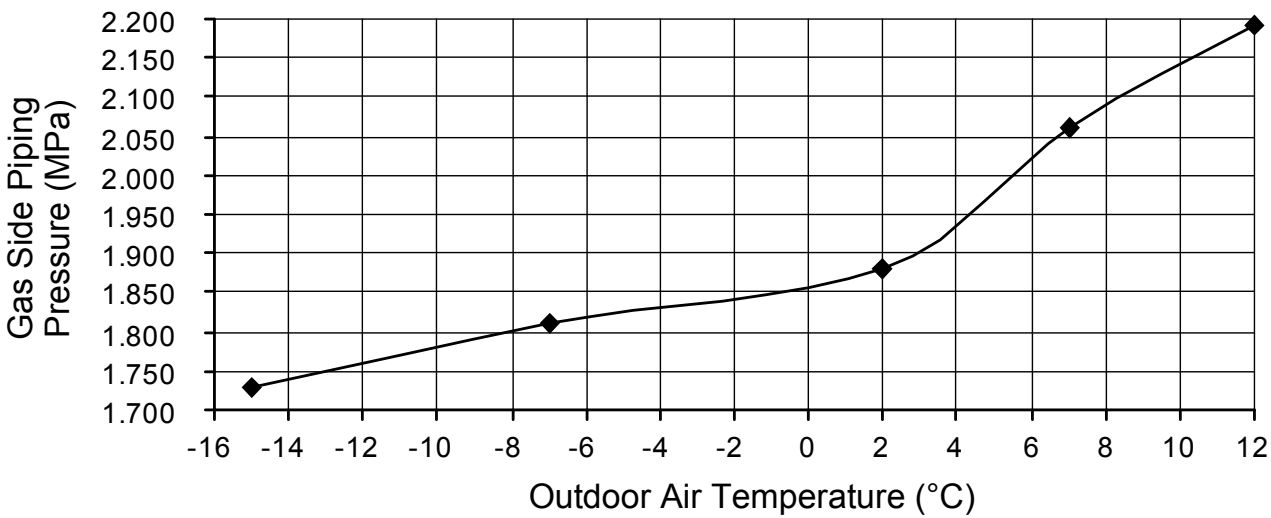
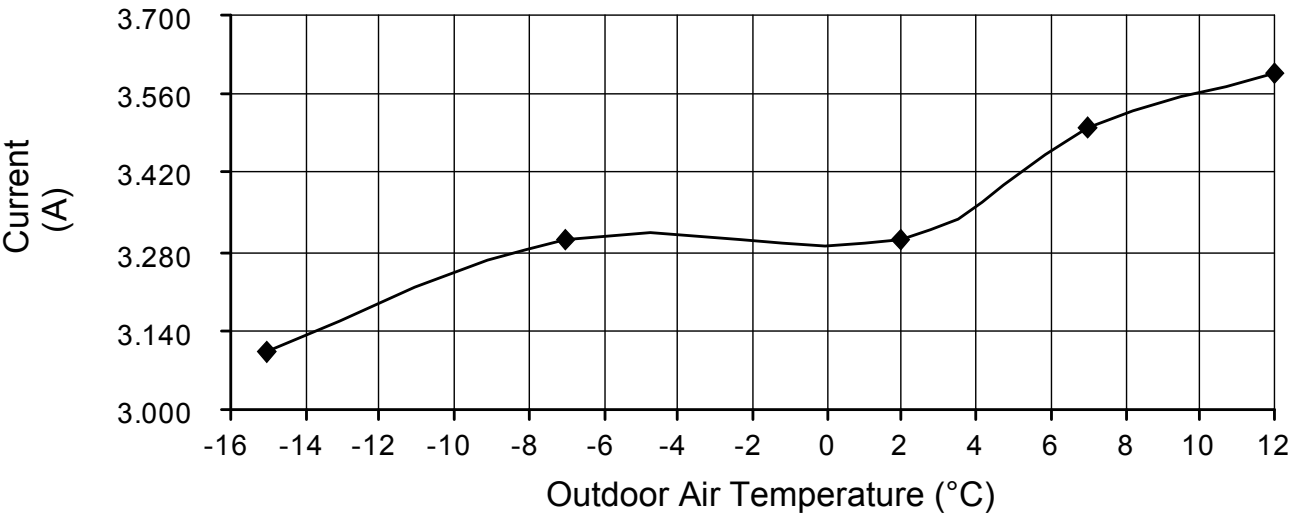
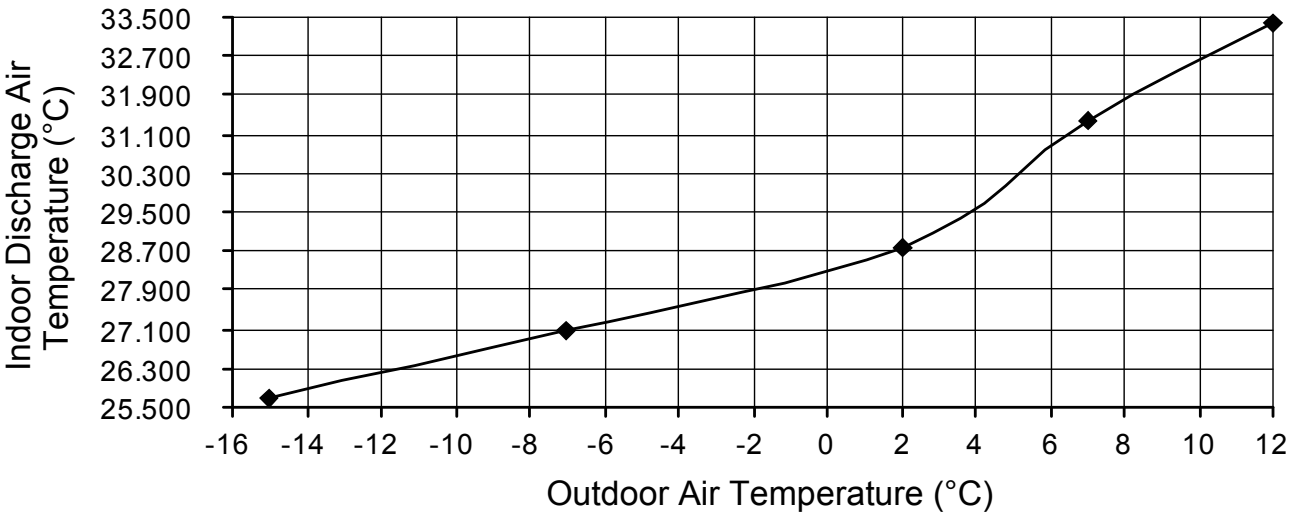
- Heating Characteristic
- [Condition] Room temperature: 20°C (DBT), 12°C (WBT)
 Operation condition: High fan speed
 Piping length: 5.0 m
 Voltage: 230V, 50Hz

A) Indoor unit capacity: Heating (1.6), CS-MTZ16TKEW



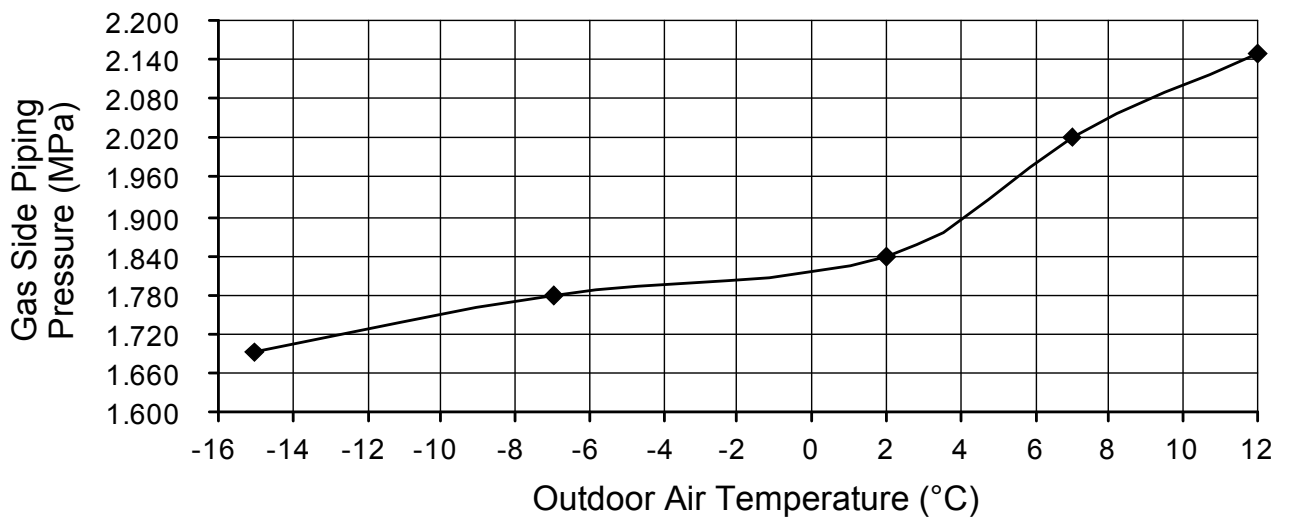
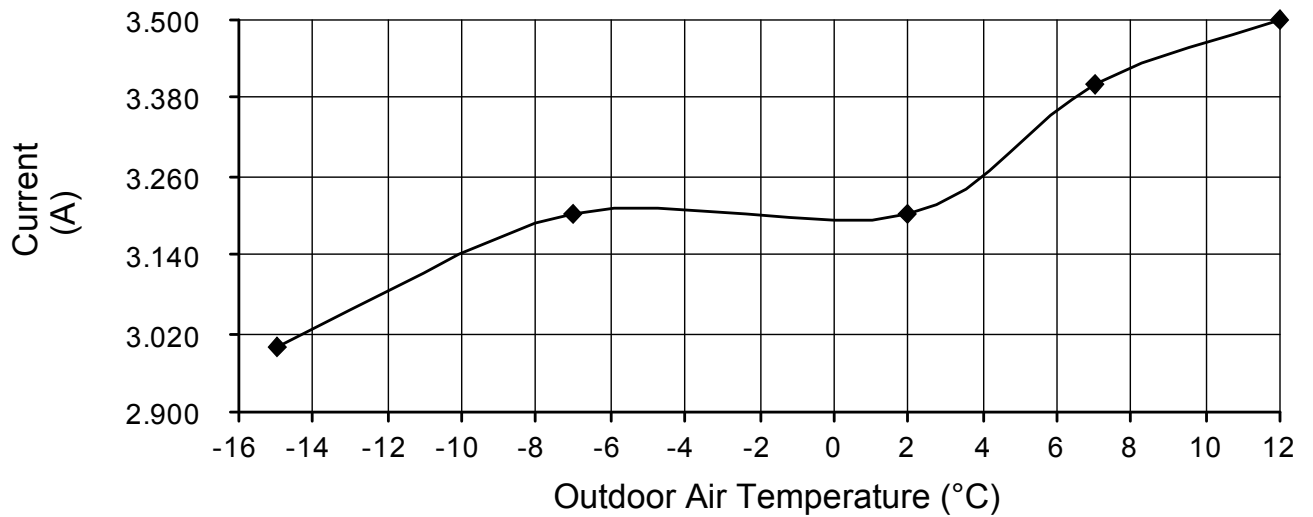
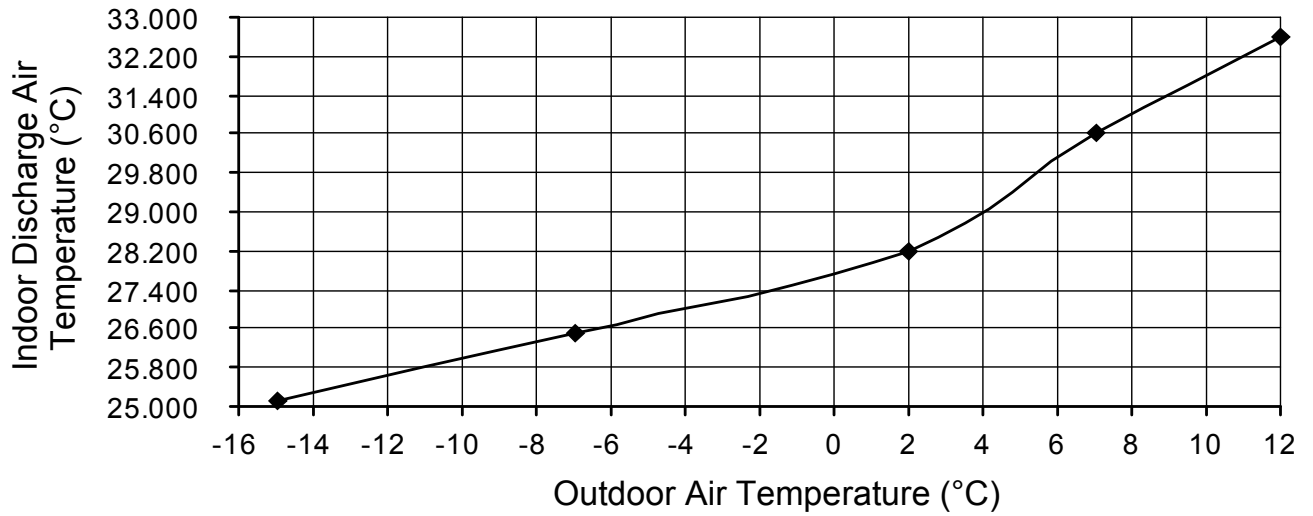
- Heating Characteristic
- [Condition] Room temperature: 20°C (DBT), 12°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

B) Indoor unit capacity: Heating (2.0), CS-TZ20TKEW



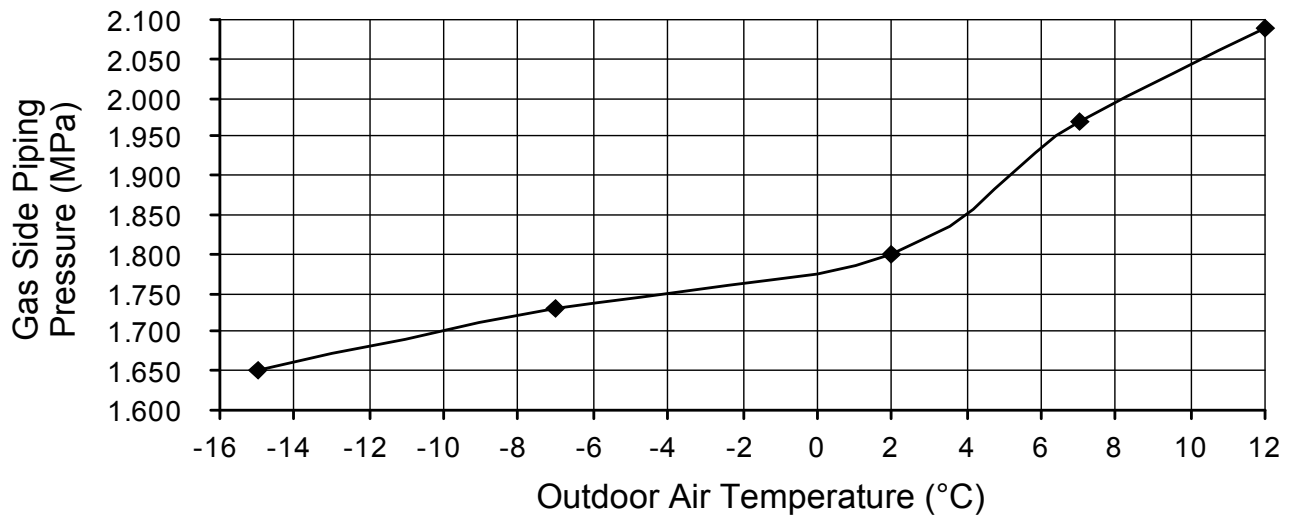
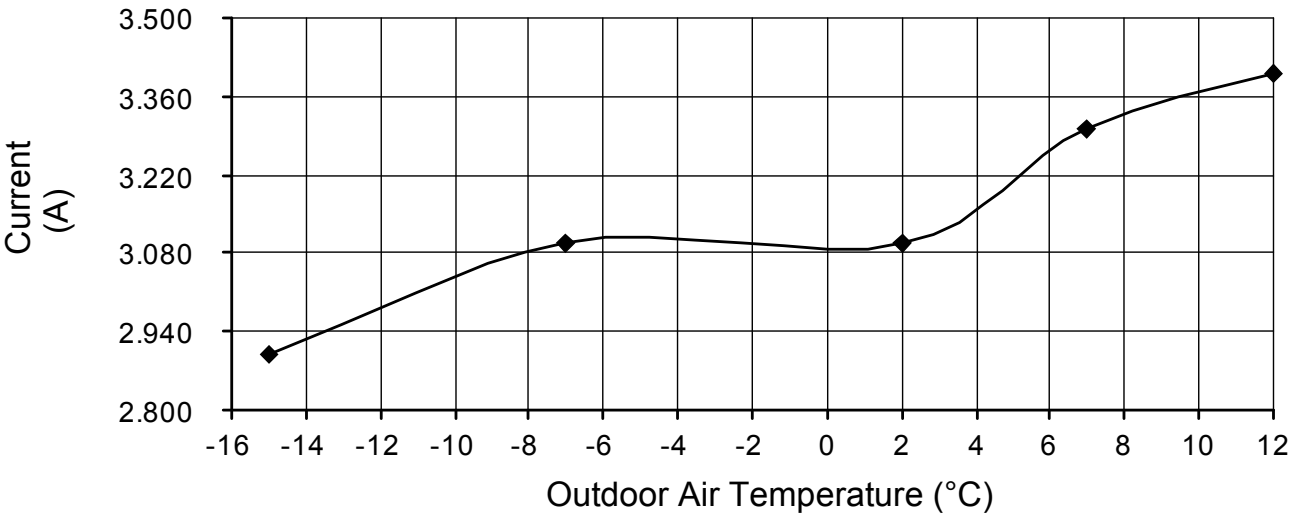
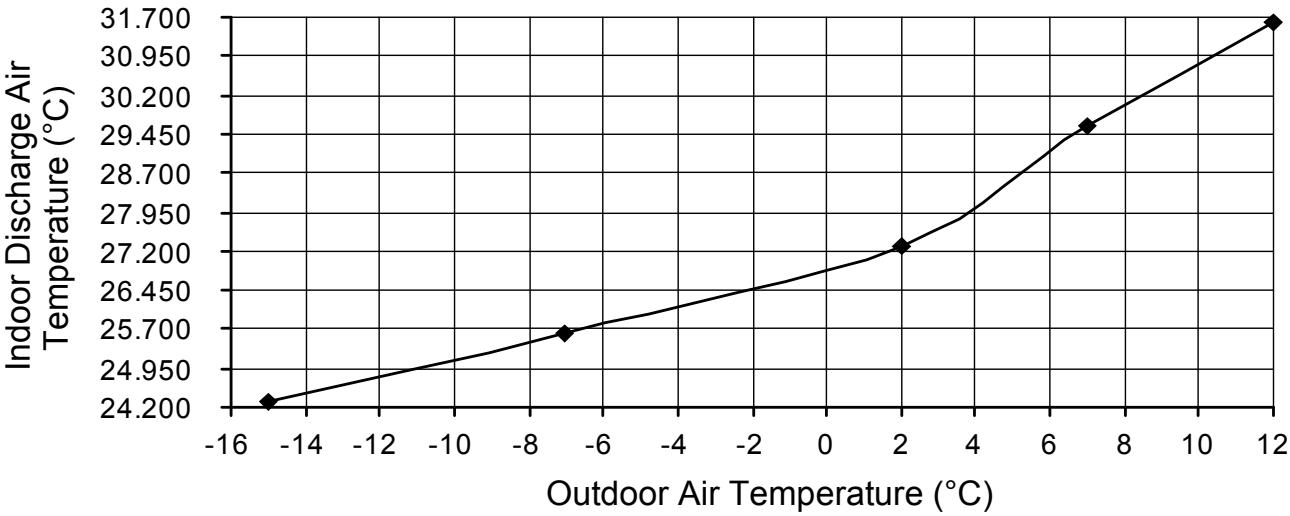
- Heating Characteristic
- [Condition] Room temperature: 20°C (DBT), 12°C (WBT)
 Operation condition: High fan speed
 Piping length: 5.0 m
 Voltage: 230V, 50Hz

C) Indoor unit capacity: Heating (2.5), CS-TZ25TKEW



- Heating Characteristic
- [Condition] Room temperature: 20°C (DBT), 12°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

D) Indoor unit capacity: Heating (3.5), CS-TZ35TKEW



11.1.2 Two Indoor Unit Operation

- Cooling Characteristic

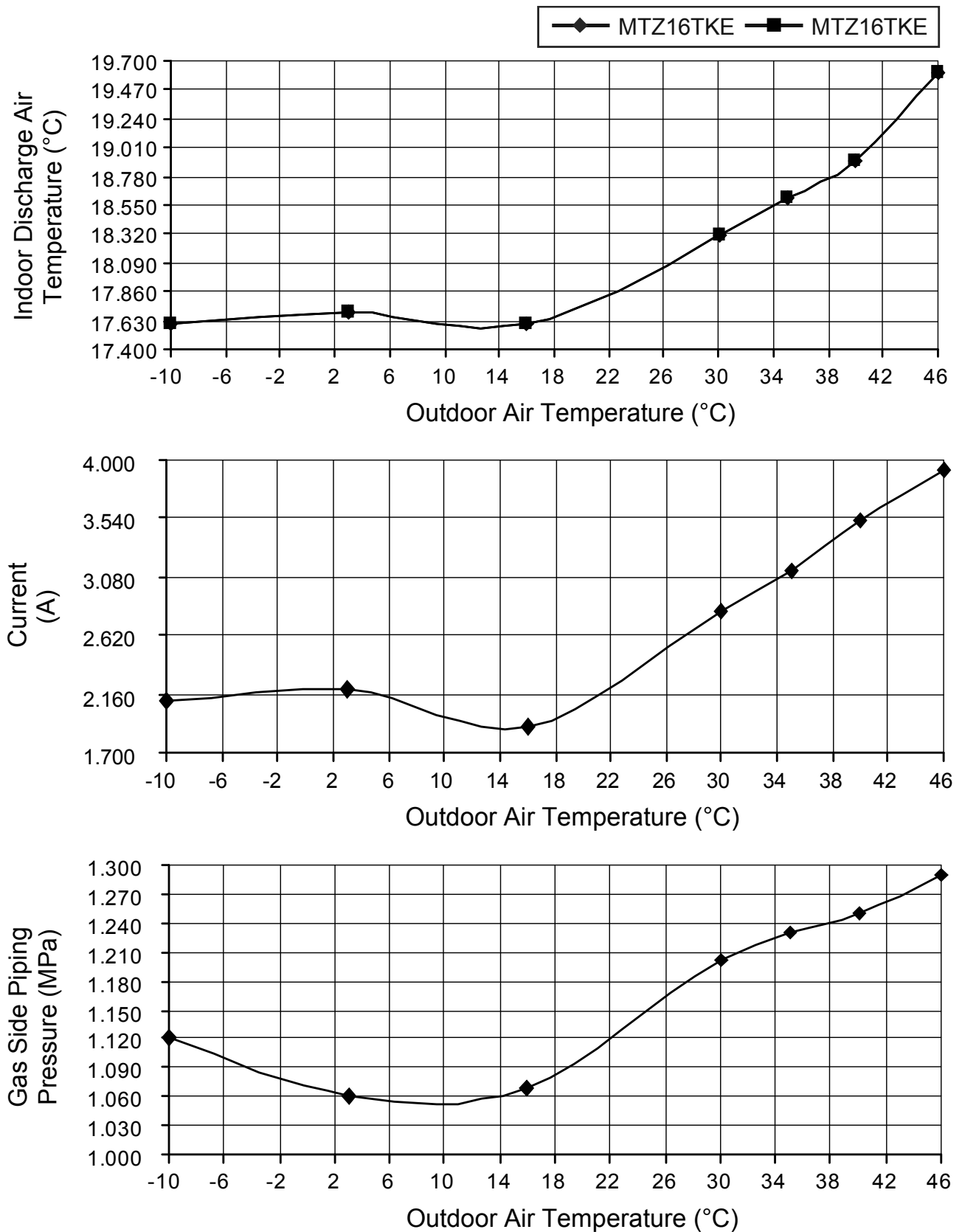
[Condition] Room temperature: 27°C (DBT), 19°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

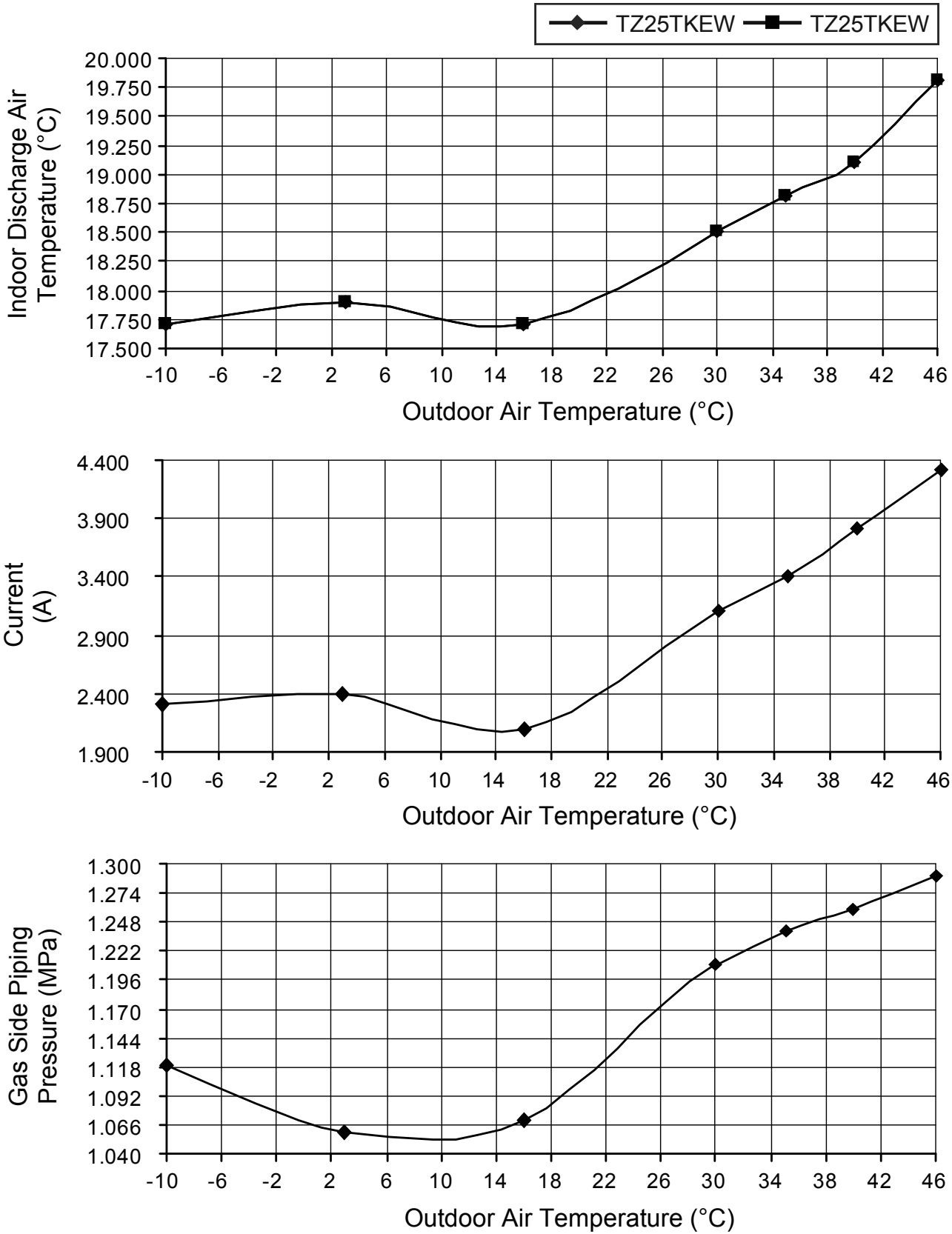
Voltage: 230V, 50Hz

A) Indoor unit capacity: Cooling (1.6 + 1.6), CS-MTZ16TKE + CS-MTZ16TKE



- Cooling Characteristic
- [Condition] Room temperature: 27°C (DBT), 19°C (WBT)
 Operation condition: High fan speed
 Piping length: 5.0 m
 Voltage: 230V, 50Hz

B) Indoor unit capacity: Cooling (2.5 + 2.5), CS-TZ25TKEW + CS-TZ25TKEW



- Heating Characteristic

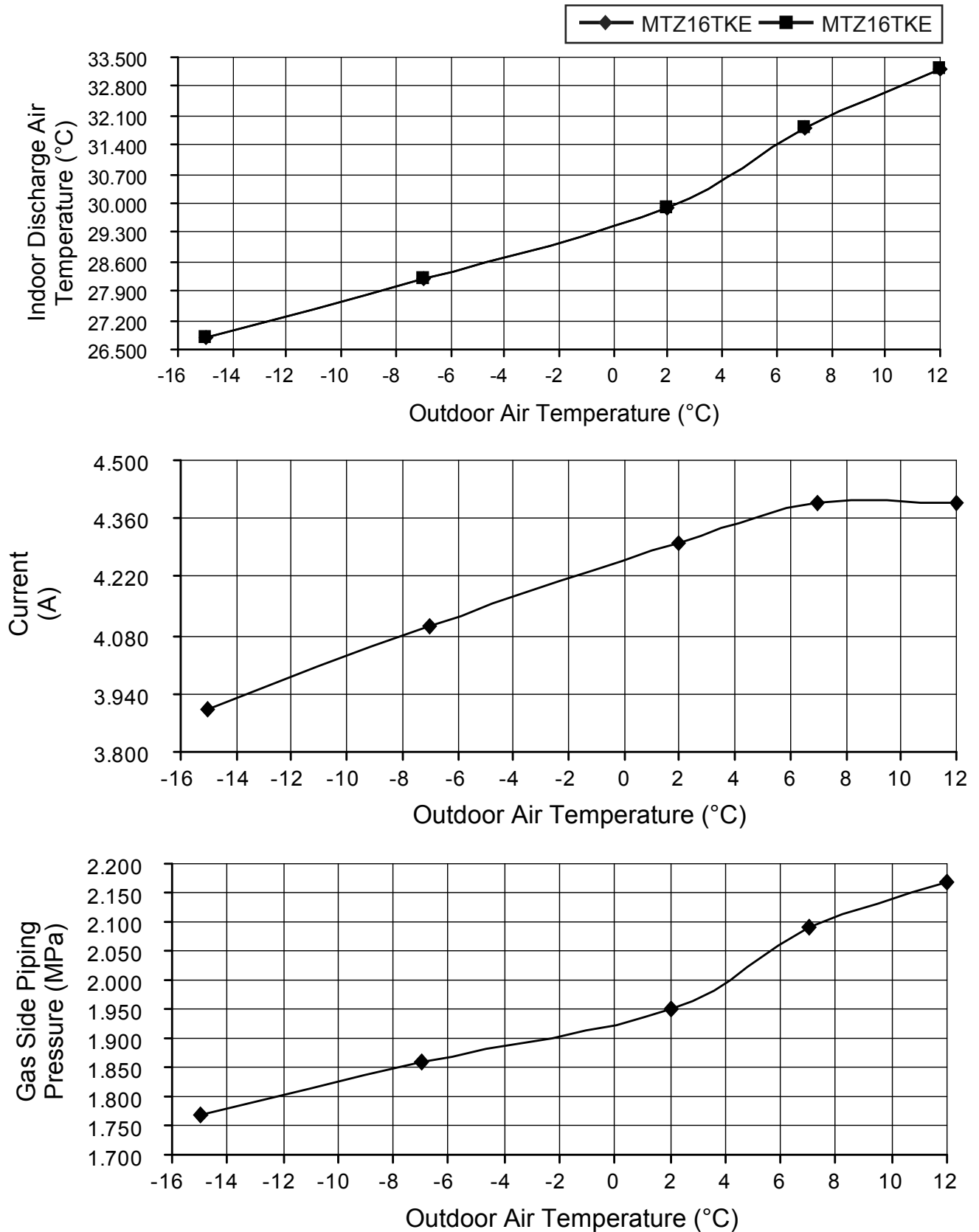
[Condition] Room temperature: 20°C (DBT), 12°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

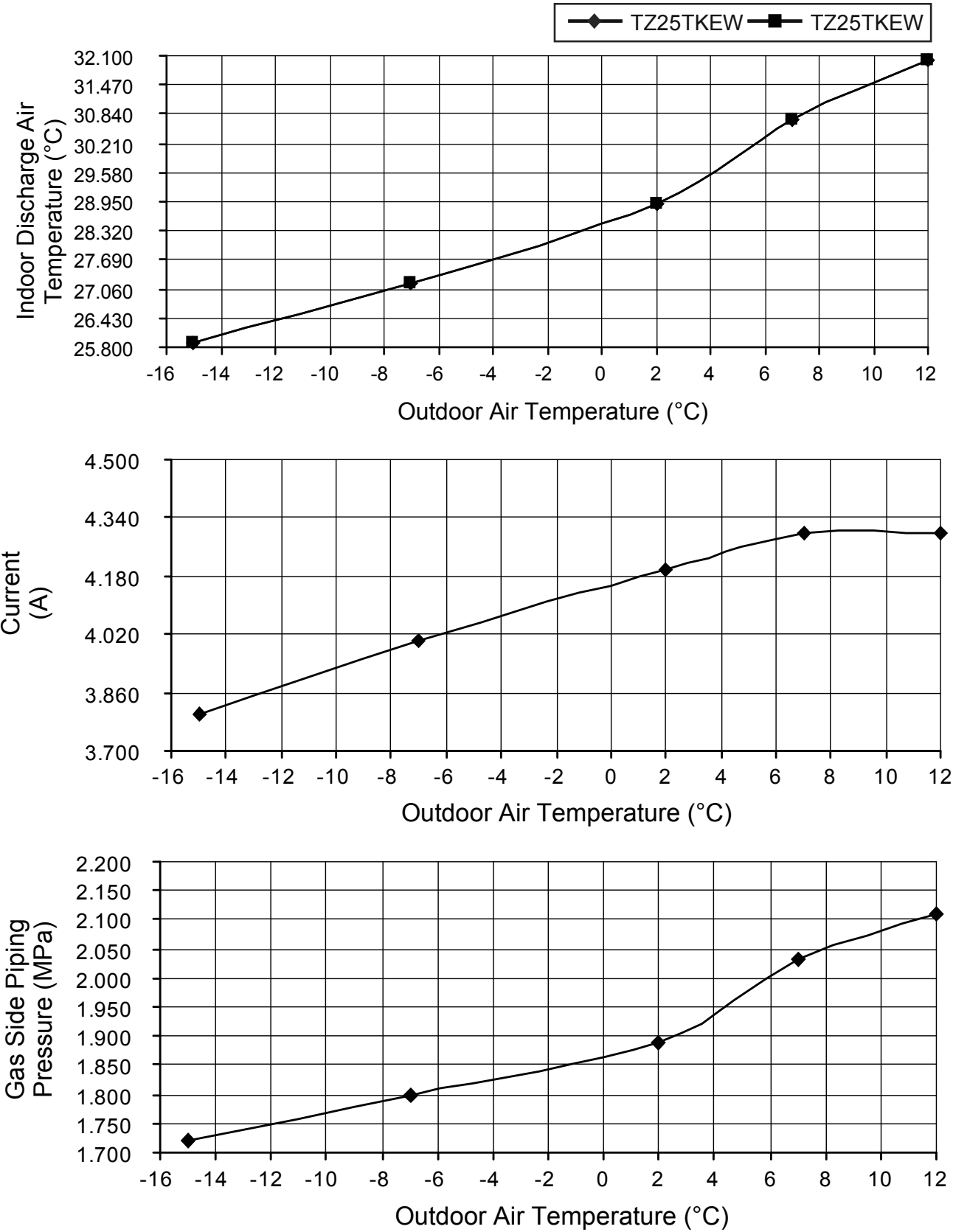
Voltage: 230V, 50Hz

A) Indoor unit capacity: Heating (1.6 + 1.6), CS-MTZ16TKE + CS-MTZ16TKE



- Heating Characteristic
- [Condition] Room temperature: 20°C (DBT), 12°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

B) Indoor unit capacity: Heating (2.5 + 2.5), CS-TZ25TKEW + CS-TZ25TKEW



11.2 Operation Characteristics (CU-2TZ50TBE)

11.2.1 One Indoor Unit Operation

- Cooling Characteristic

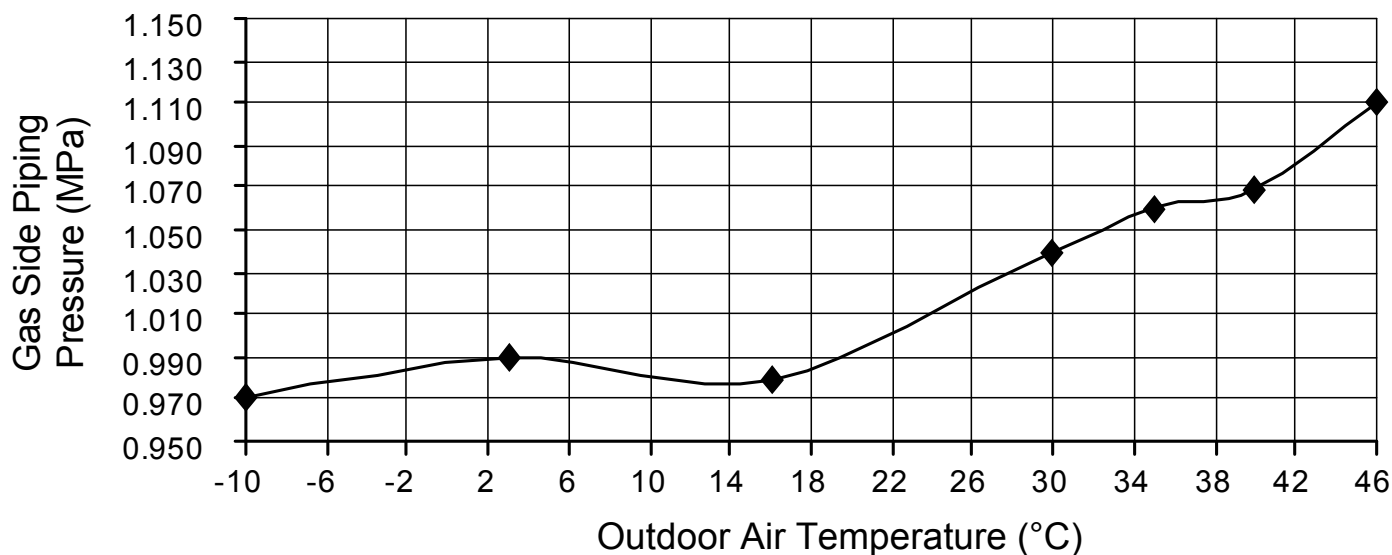
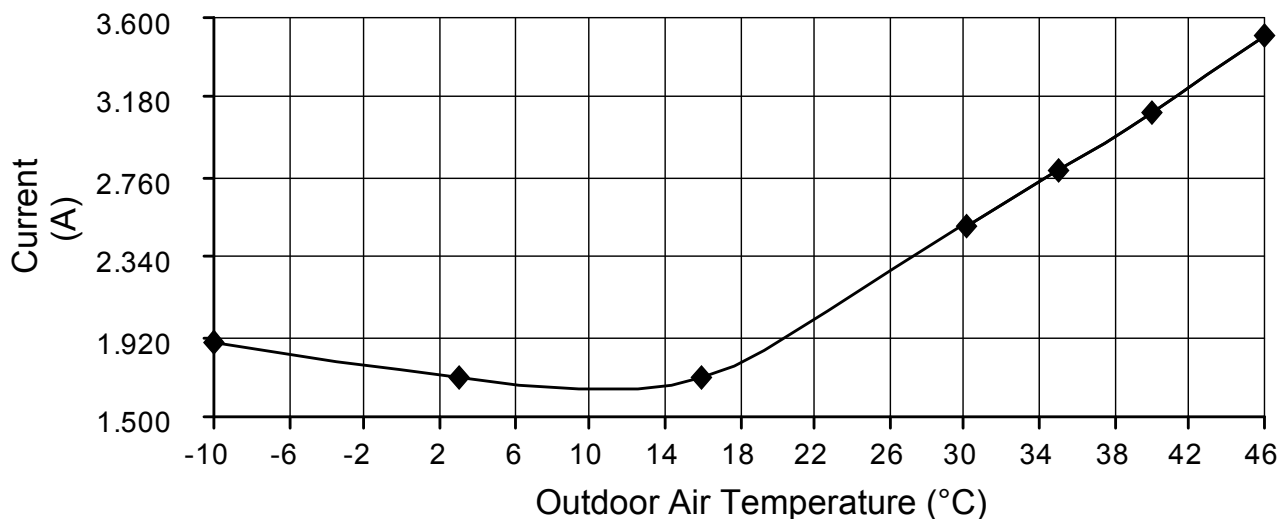
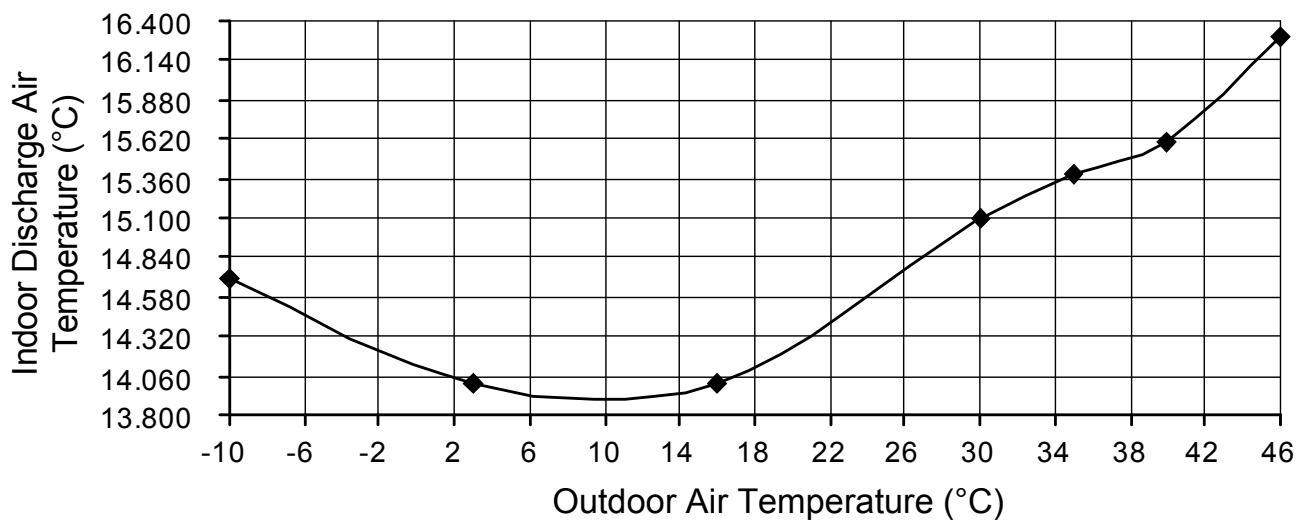
[Condition] Room temperature: 27°C (DBT), 19°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

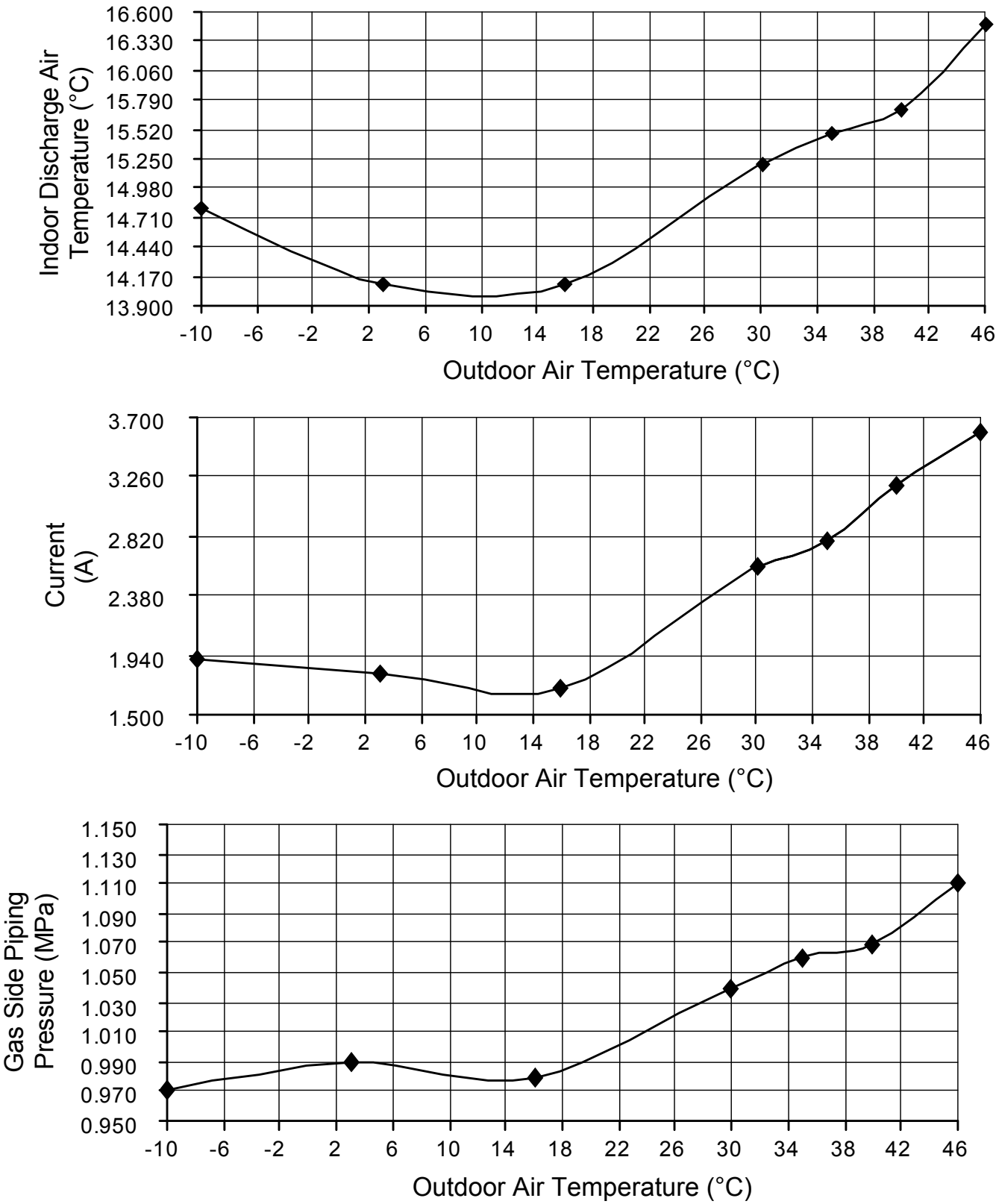
Voltage: 230V, 50Hz

A) Indoor unit capacity: Cooling (1.6), CS-MTZ16TKE



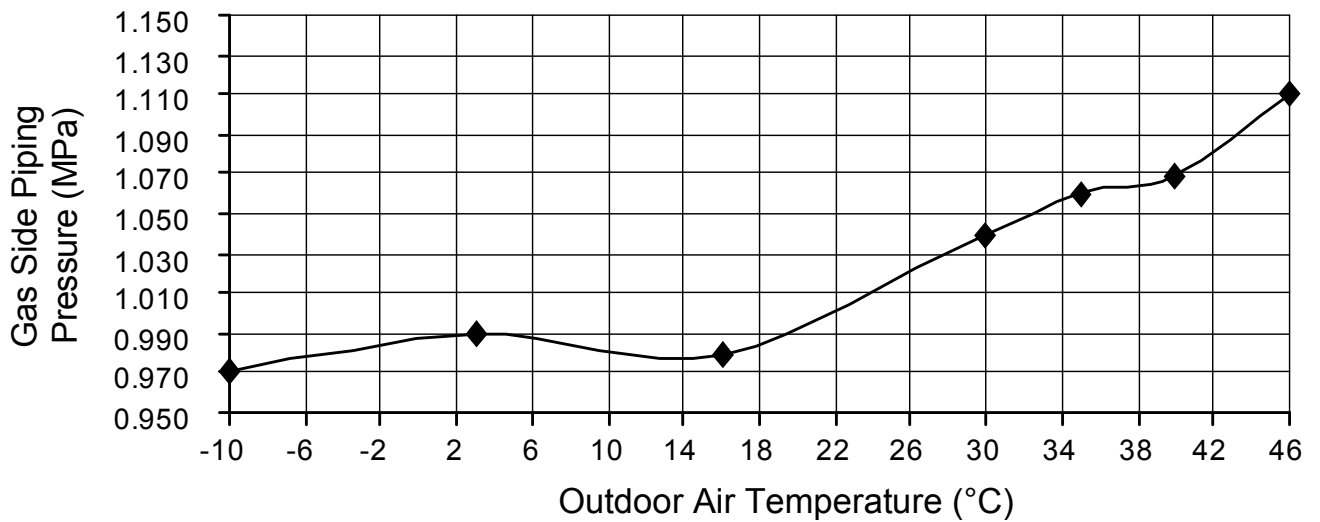
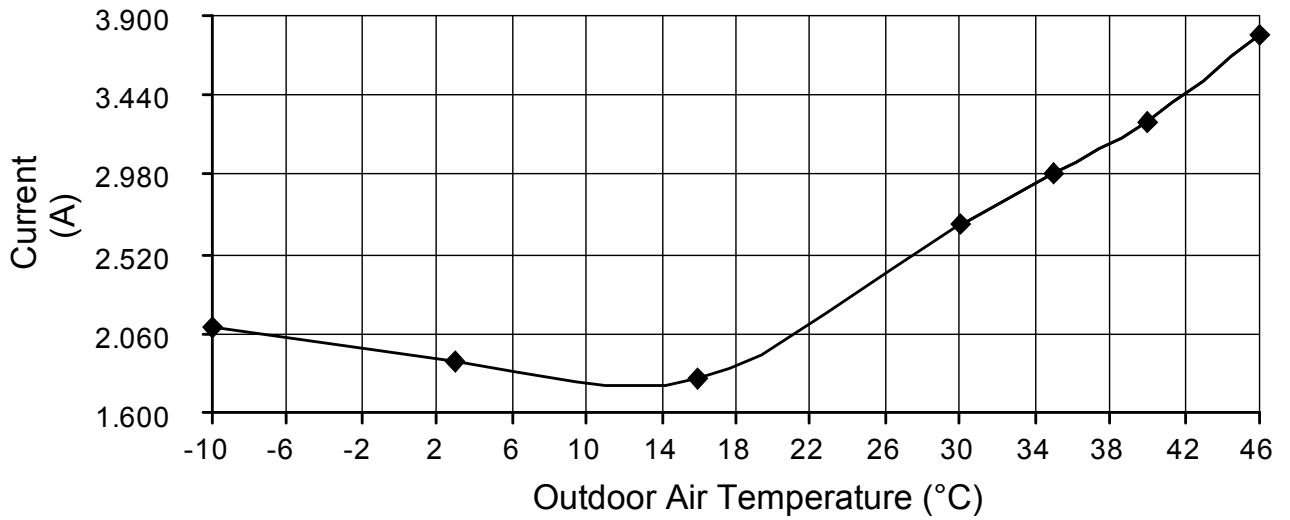
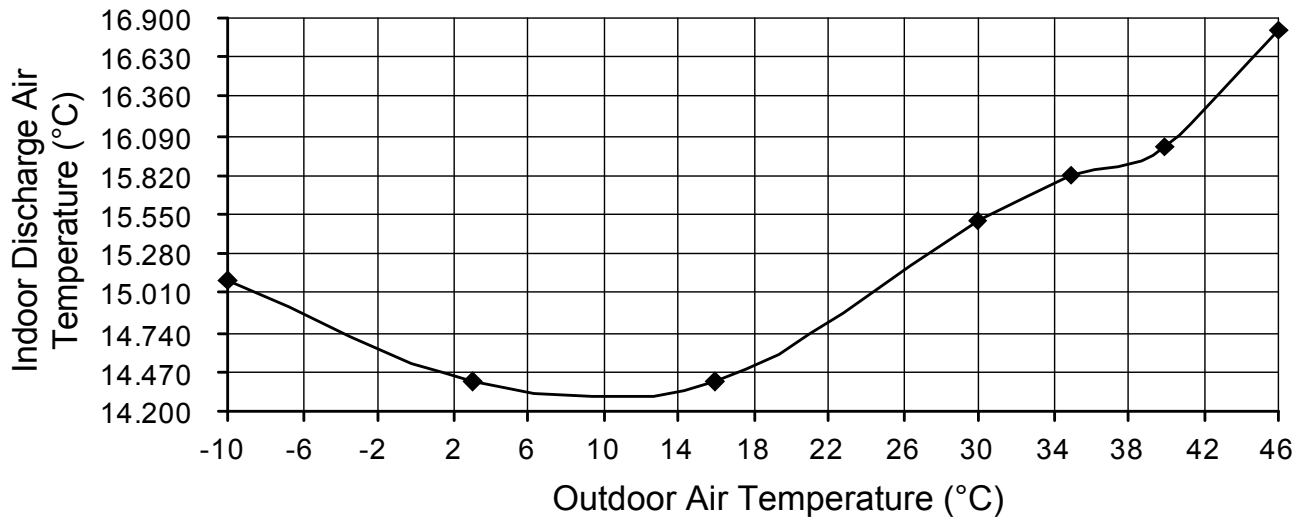
- Cooling Characteristic
- [Condition] Room temperature: 27°C (DBT), 19°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

B) Indoor unit capacity: Cooling (2.0), CS-TZ20TKEW



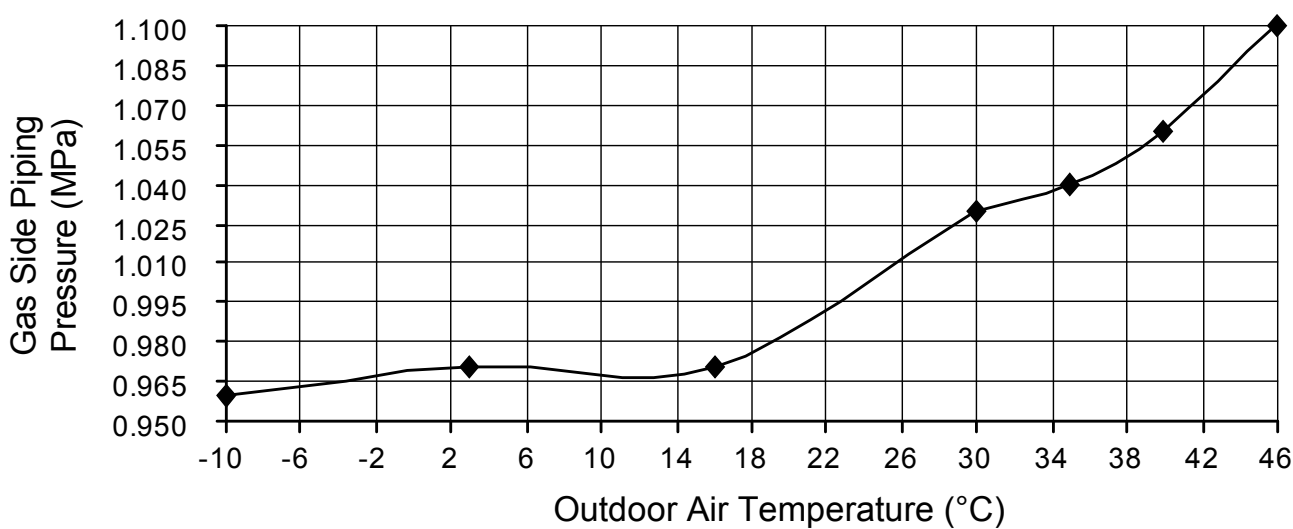
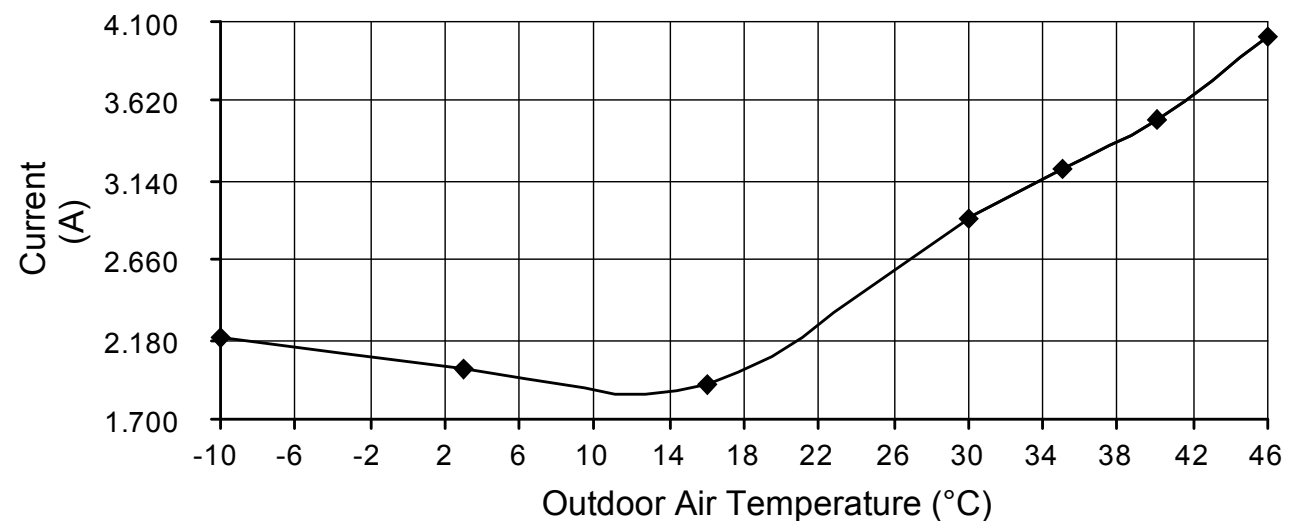
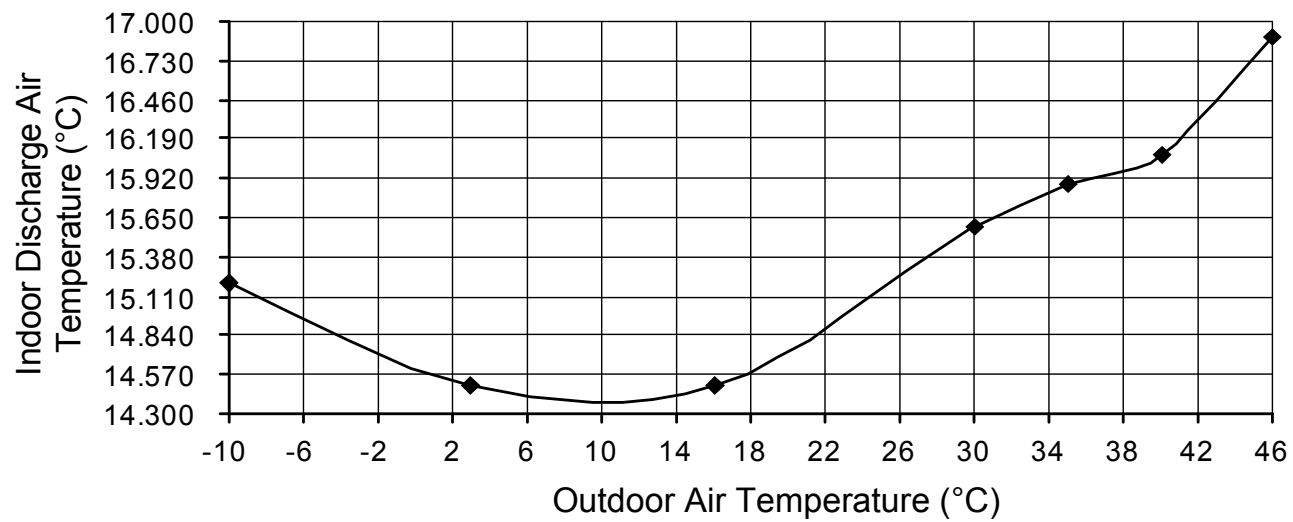
- Cooling Characteristic
- [Condition] Room temperature: 27°C (DBT), 19°C (WBT)
 Operation condition: High fan speed
 Piping length: 5.0 m
 Voltage: 230V, 50Hz

C) Indoor unit capacity: Cooling (2.5), CS-TZ25TKEW



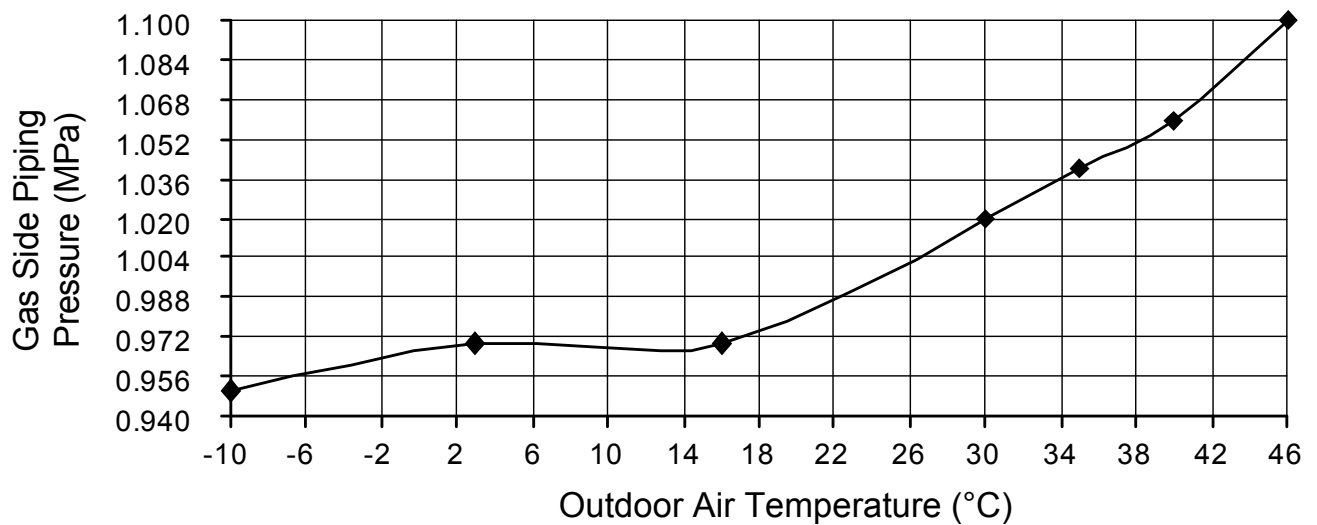
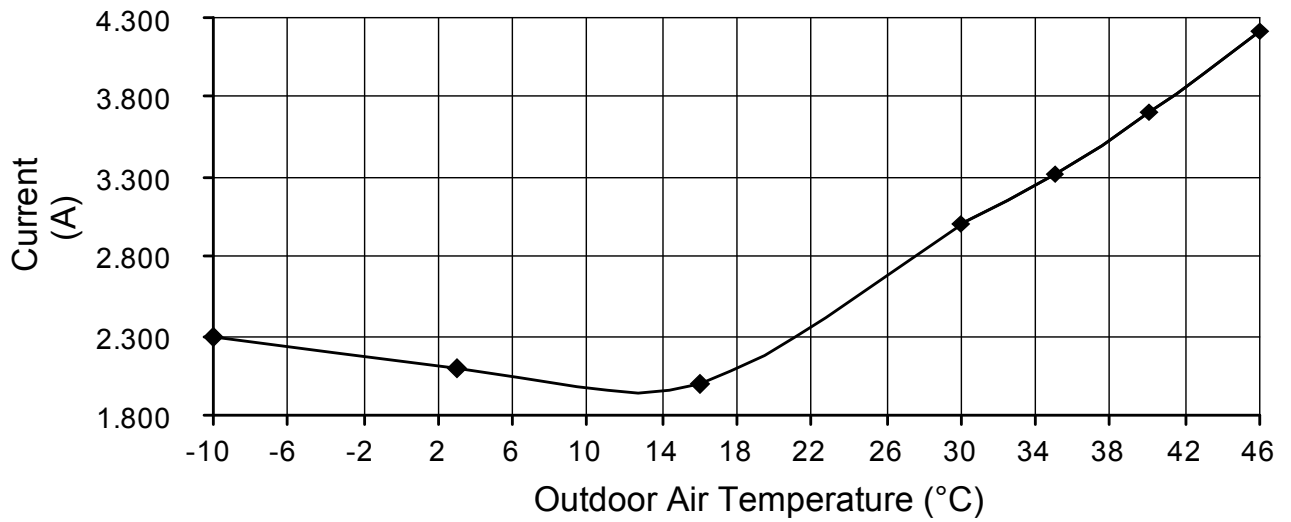
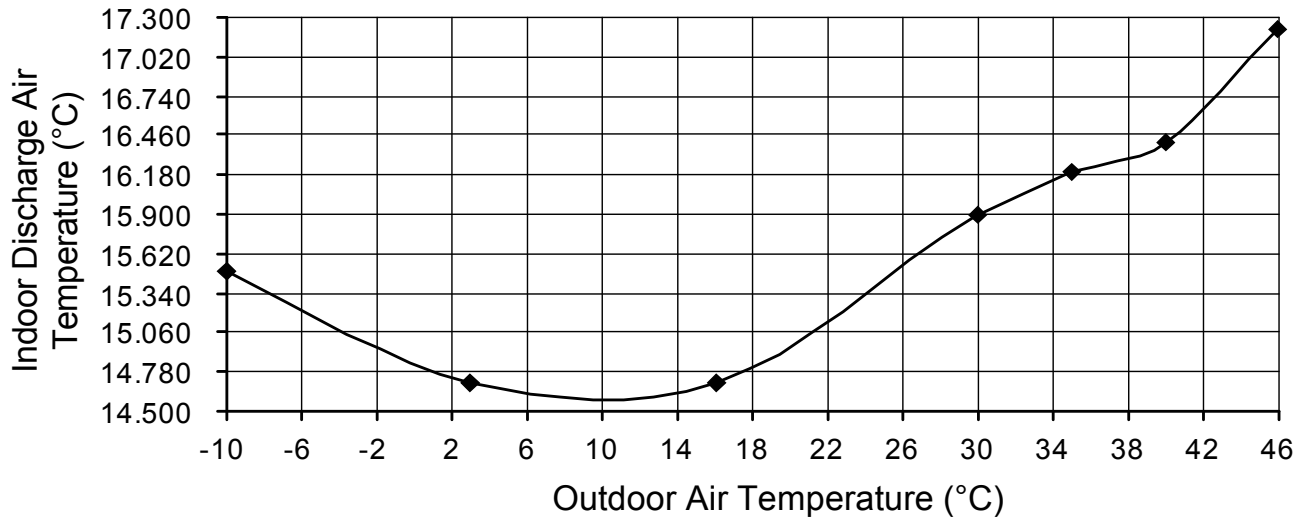
- Cooling Characteristic
- [Condition] Room temperature: 27°C (DBT), 19°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

D) Indoor unit capacity: Cooling (3.5), CS-TZ35TKEW



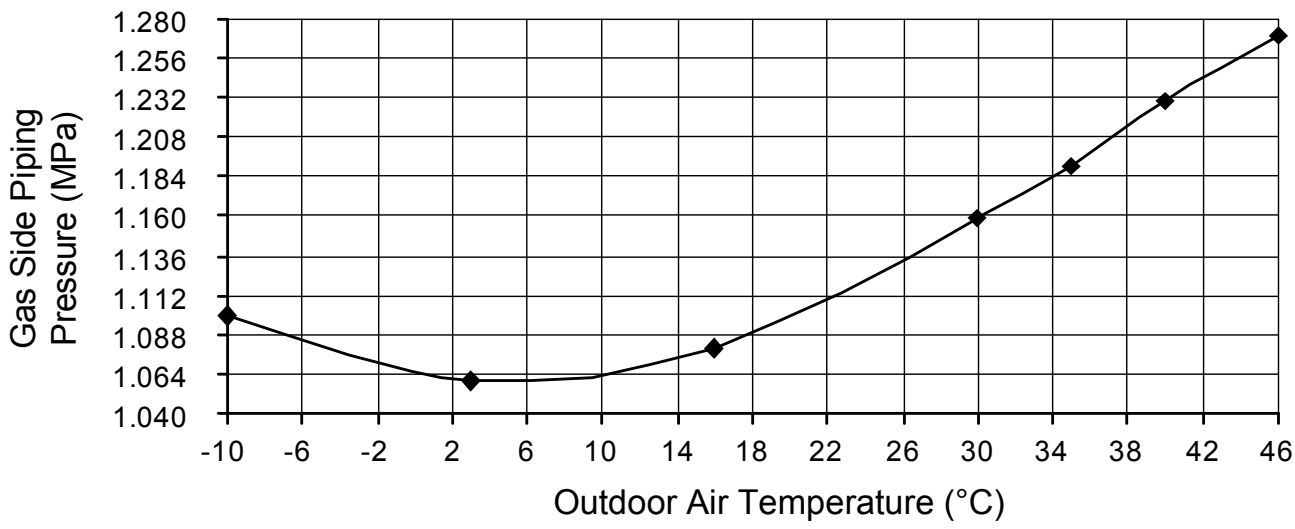
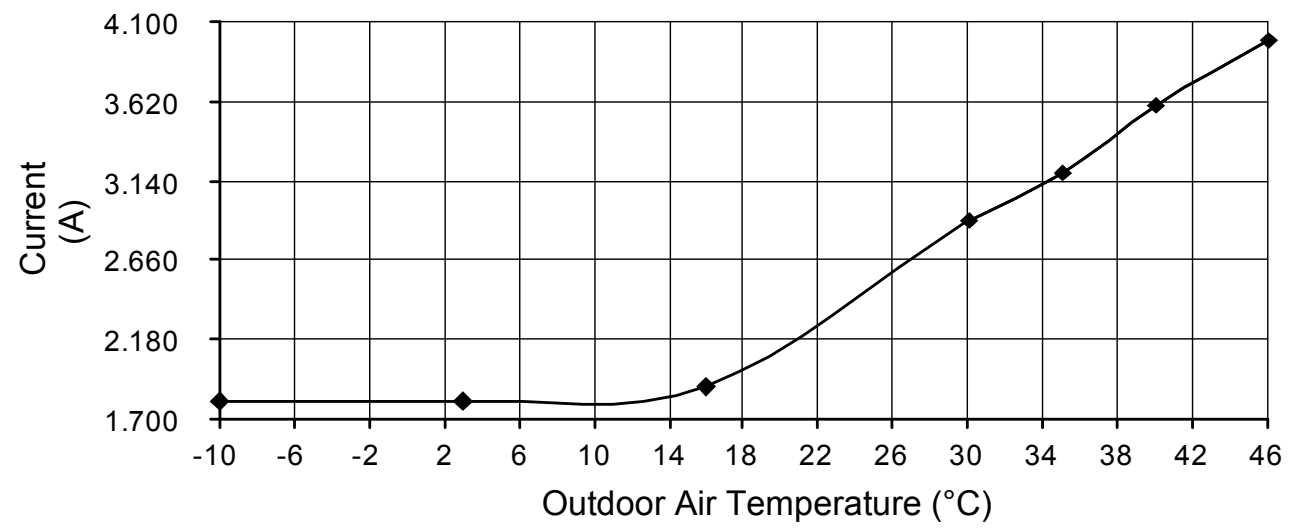
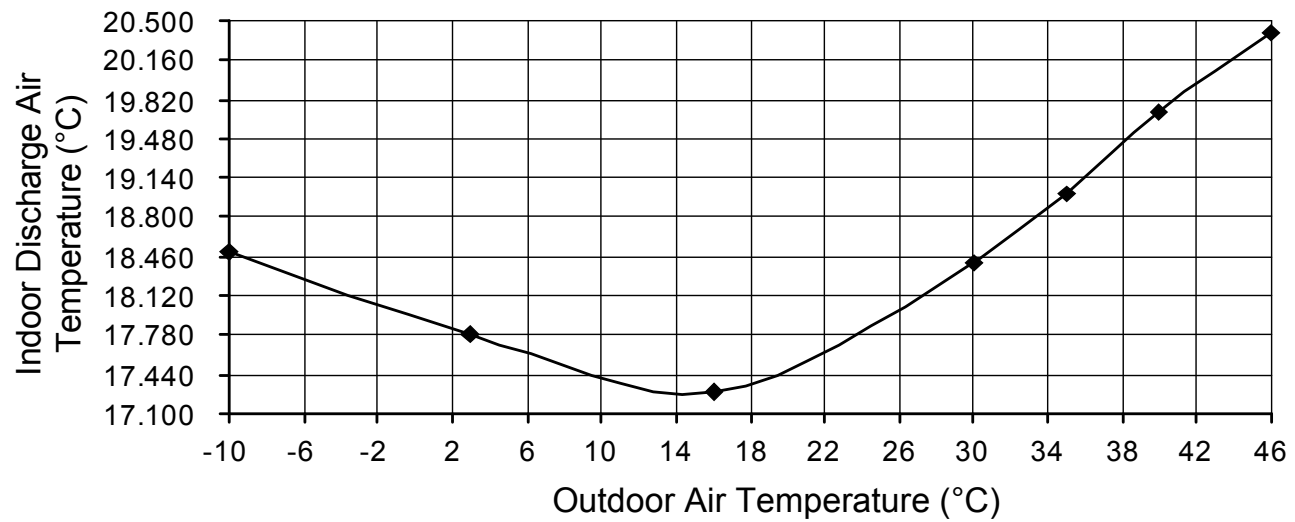
- Cooling Characteristic
- [Condition] Room temperature: 27°C (DBT), 19°C (WBT)
 Operation condition: High fan speed
 Piping length: 5.0 m
 Voltage: 230V, 50Hz

E) Indoor unit capacity: Cooling (4.2), CS-TZ42TKEW



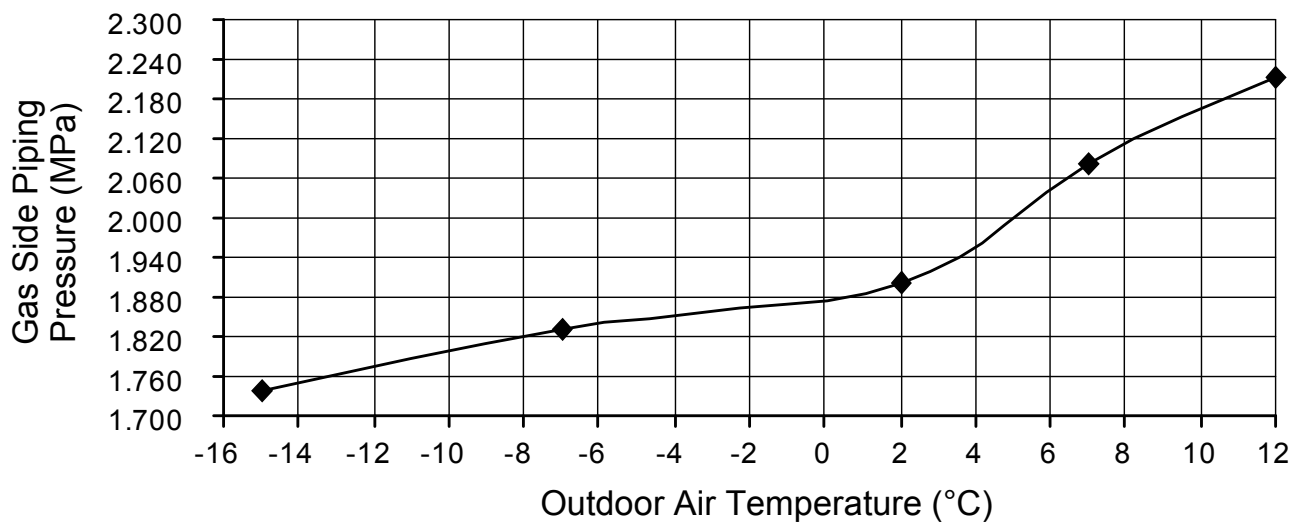
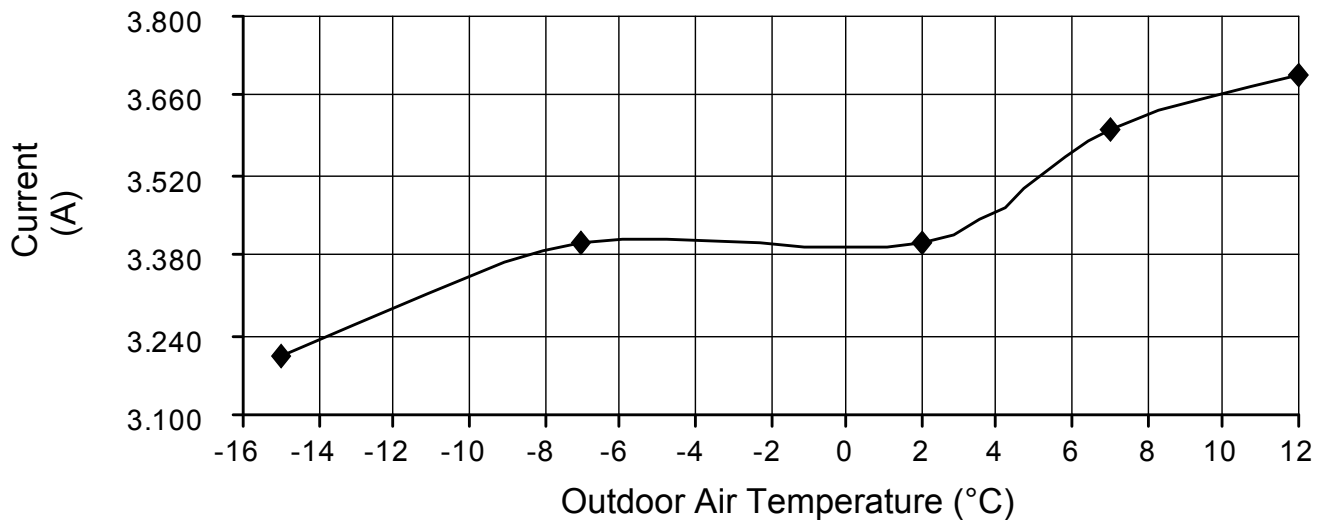
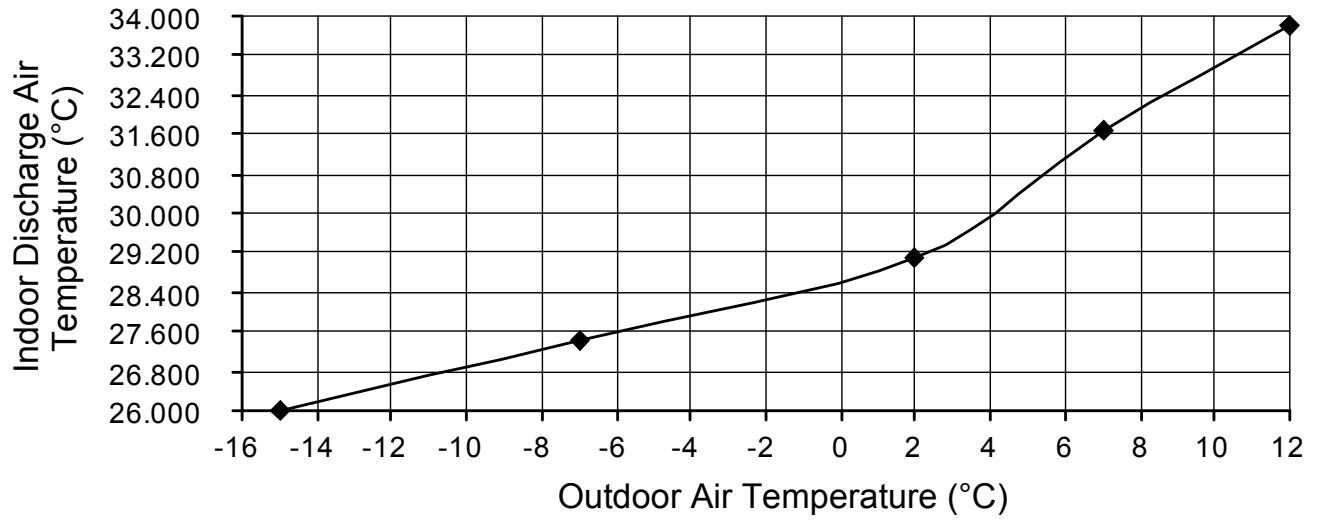
- Cooling Characteristic
- [Condition] Room temperature: 27°C (DBT), 19°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

F) Indoor unit capacity: Cooling (5.0), CS-TZ50TKEW



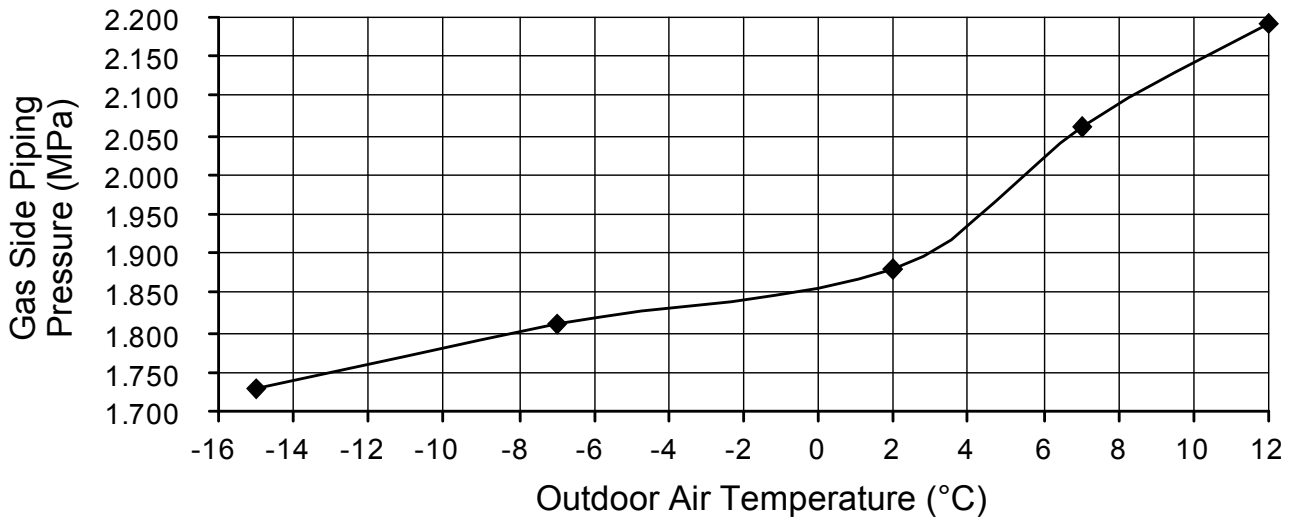
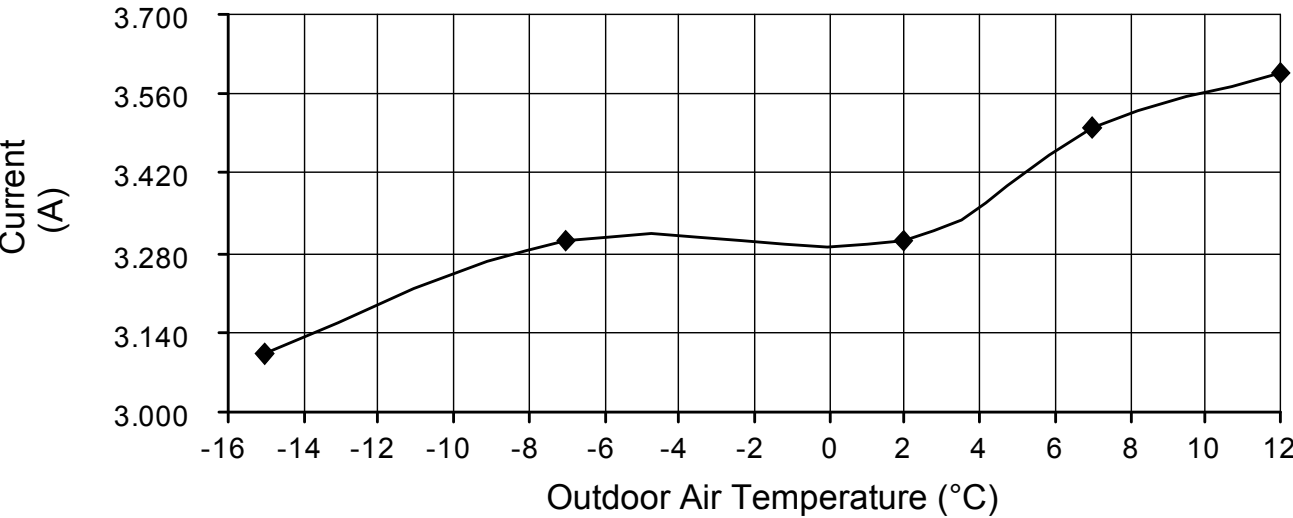
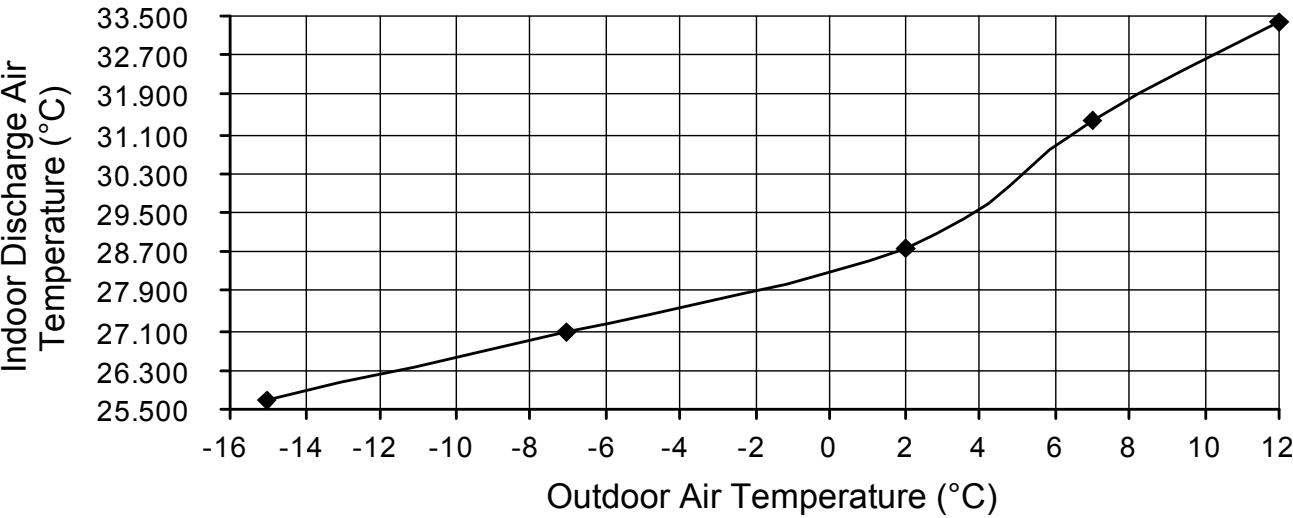
- Heating Characteristic
- [Condition] Room temperature: 20°C (DBT), 12°C (WBT)
 Operation condition: High fan speed
 Piping length: 5.0 m
 Voltage: 230V, 50Hz

A) Indoor unit capacity: Heating (1.6), CS-MTZ16TKEW



- Heating Characteristic
- [Condition] Room temperature: 20°C (DBT), 12°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

B) Indoor unit capacity: Heating (2.0), CS-TZ20TKEW



- Heating Characteristic

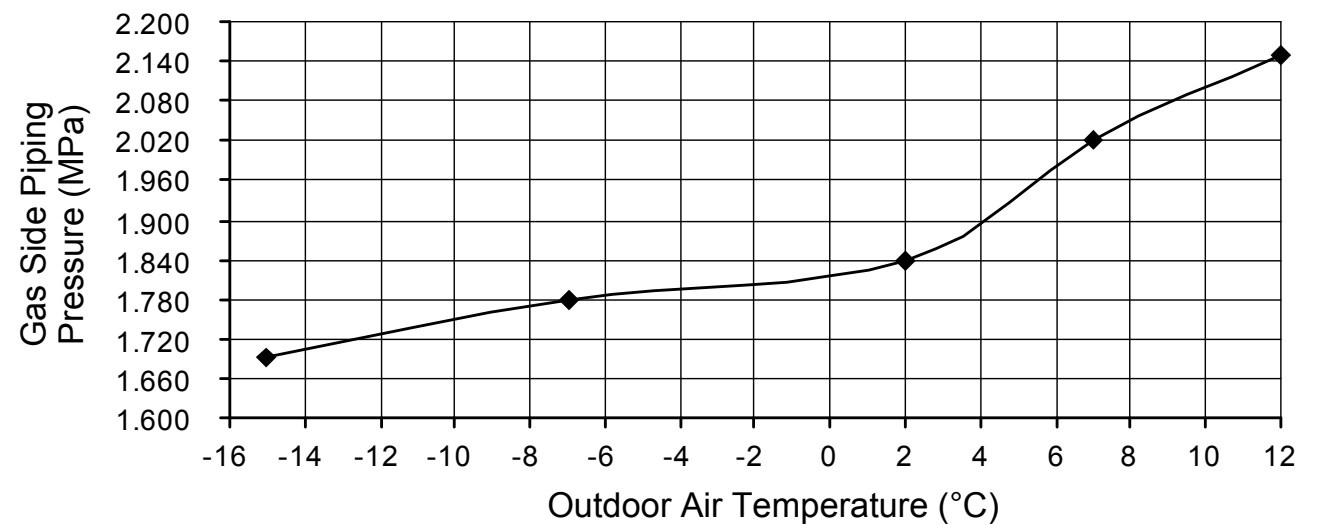
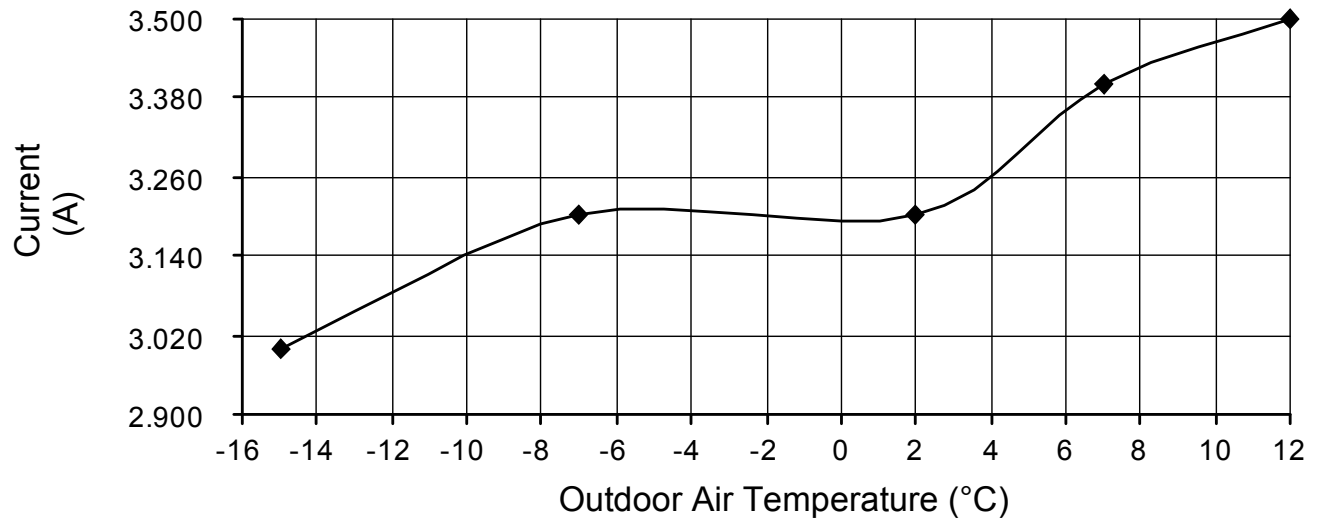
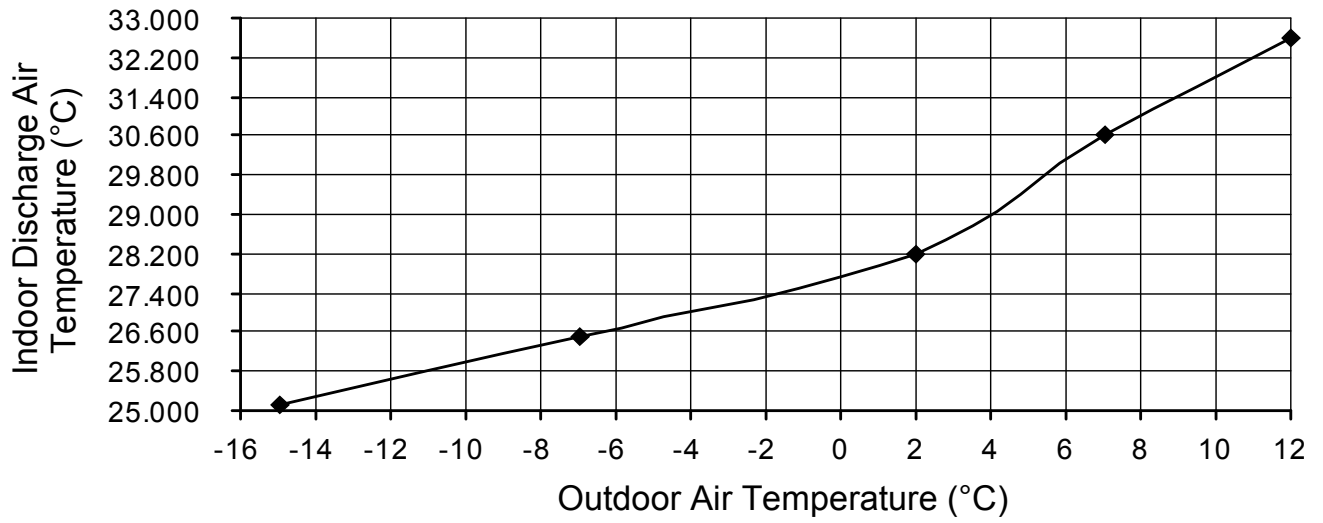
[Condition] Room temperature: 20°C (DBT), 12°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

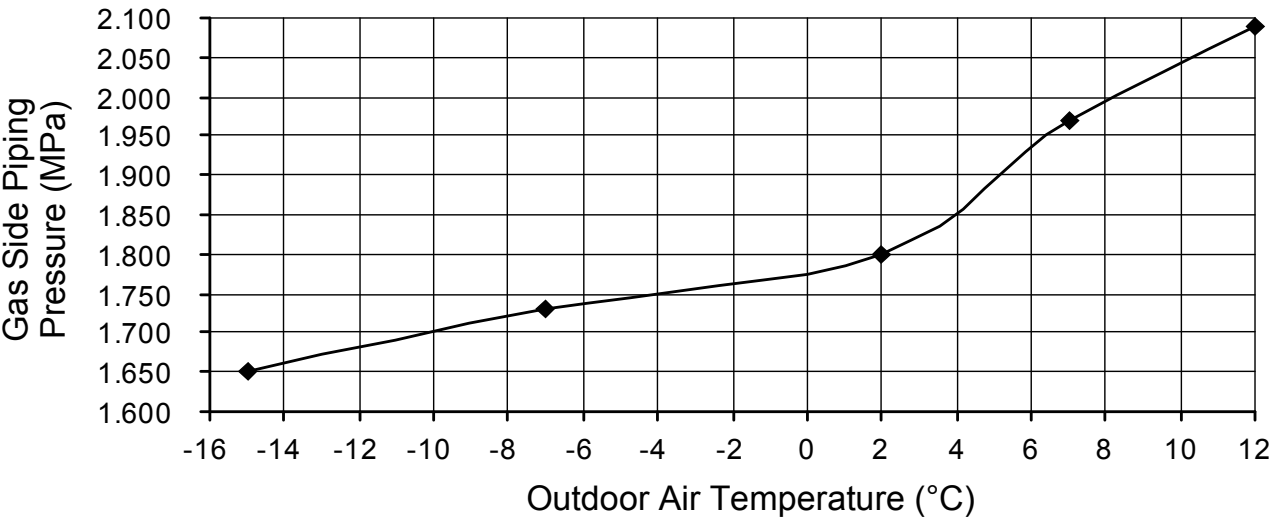
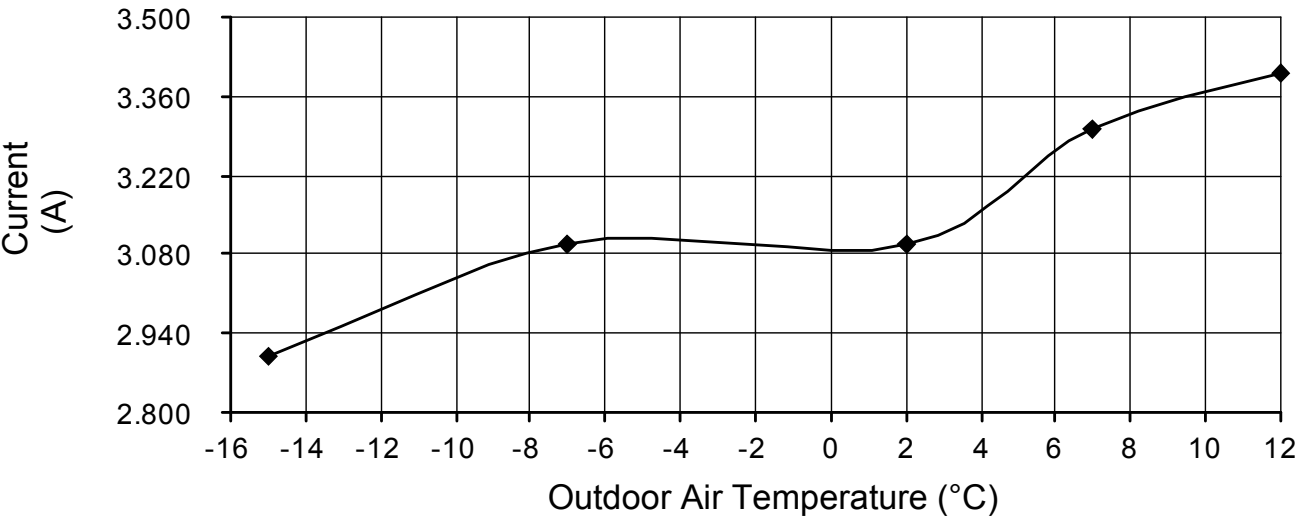
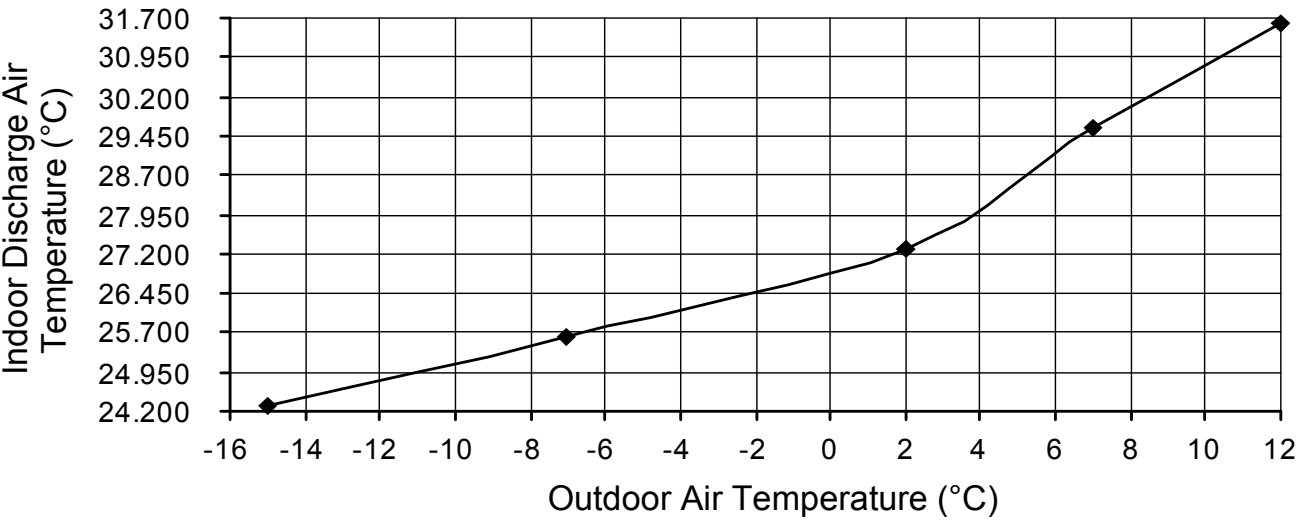
Voltage: 230V, 50Hz

C) Indoor unit capacity: Heating (2.5), CS-TZ25TKEW



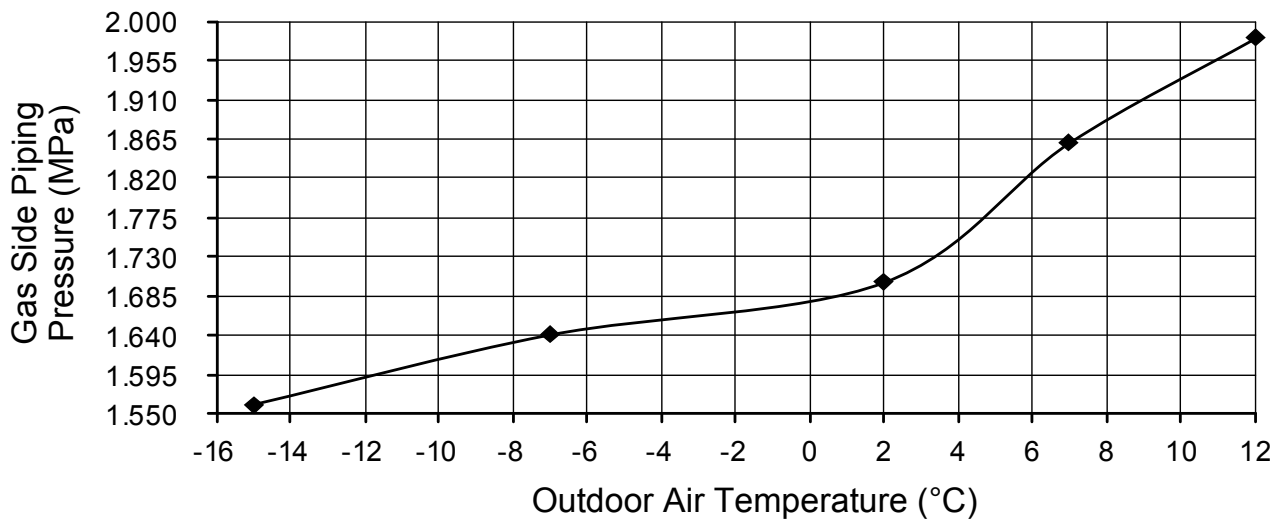
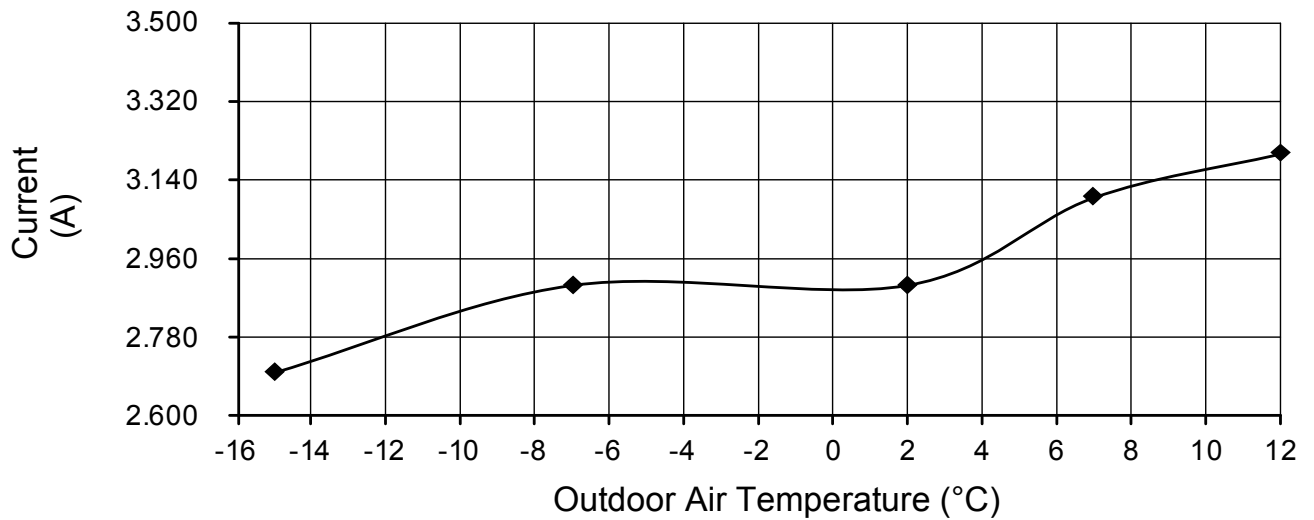
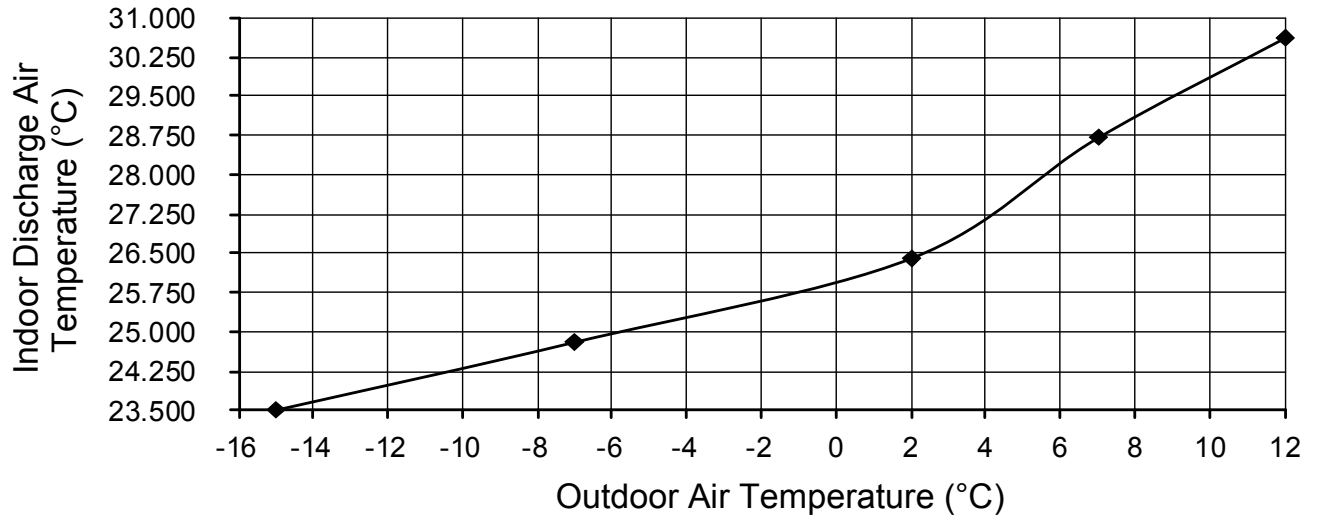
- Heating Characteristic
- [Condition] Room temperature: 20°C (DBT), 12°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

D) Indoor unit capacity: Heating (3.5), CS-TZ35TKEW



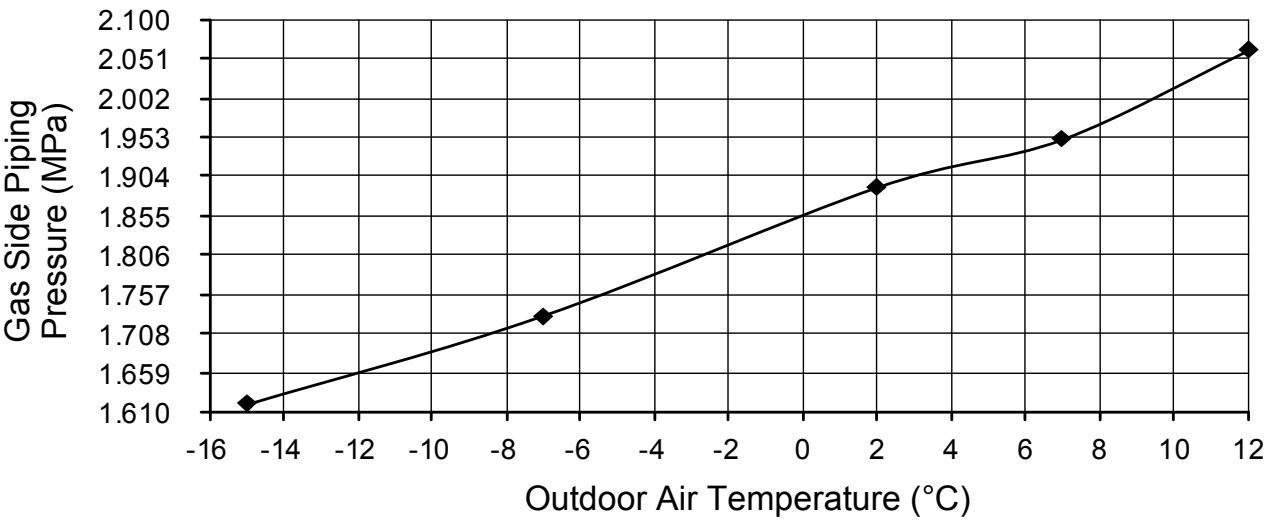
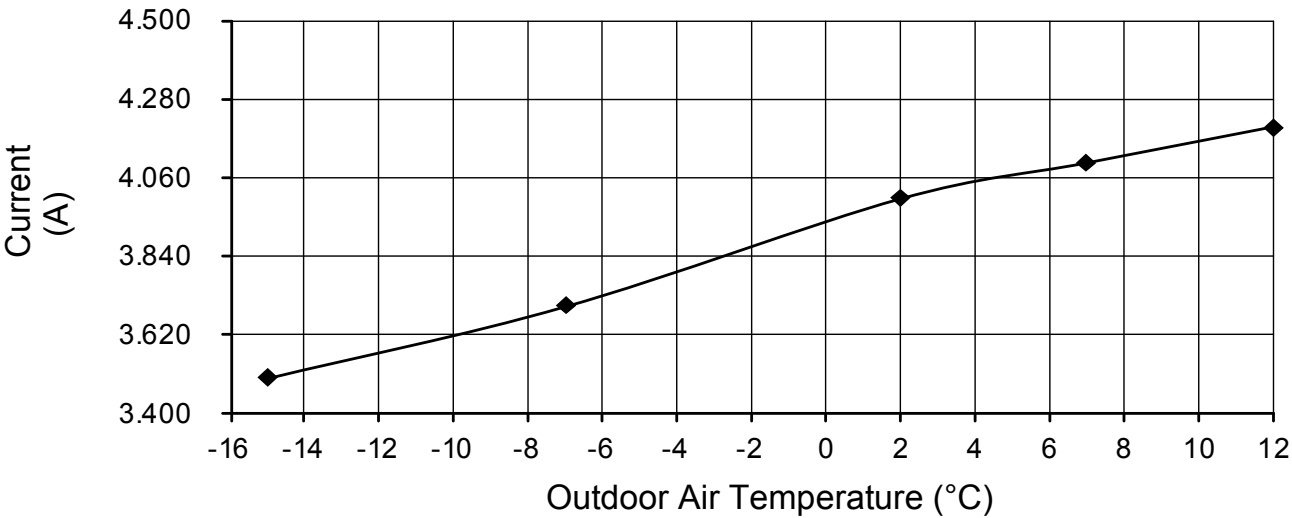
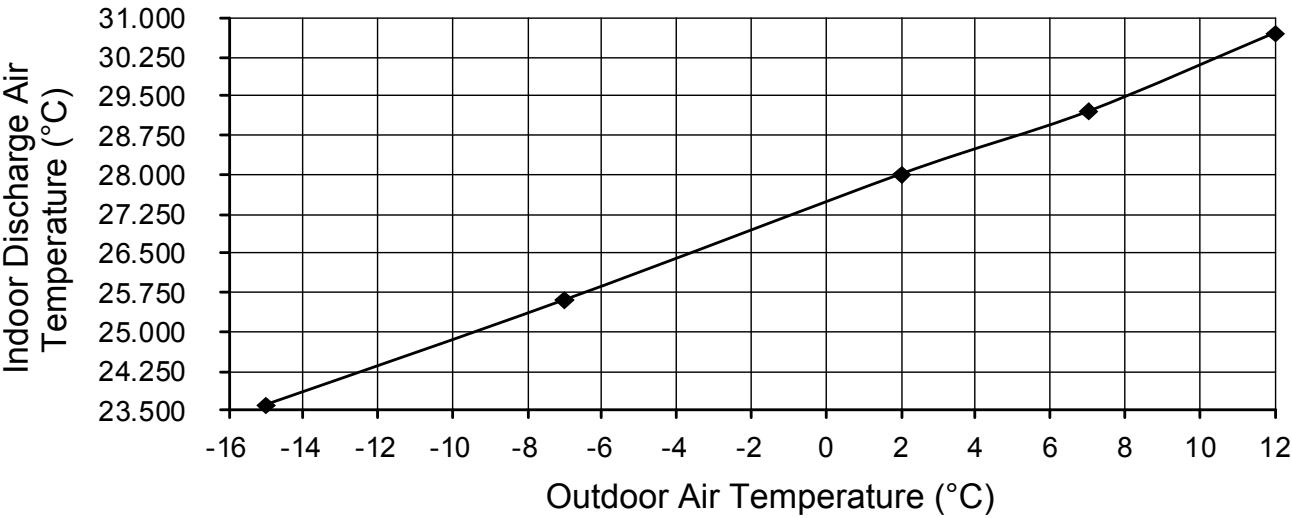
- Heating Characteristic
- [Condition] Room temperature: 20°C (DBT), 12°C (WBT)
 Operation condition: High fan speed
 Piping length: 5.0 m
 Voltage: 230V, 50Hz

E) Indoor unit capacity: Heating (4.2), CS-TZ42TKEW



- Heating Characteristic
- [Condition] Room temperature: 20°C (DBT), 12°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

F) Indoor unit capacity: Heating (5.0), CS-TZ50TKEW



11.2.2 Two Indoor Unit Operation

- Cooling Characteristic

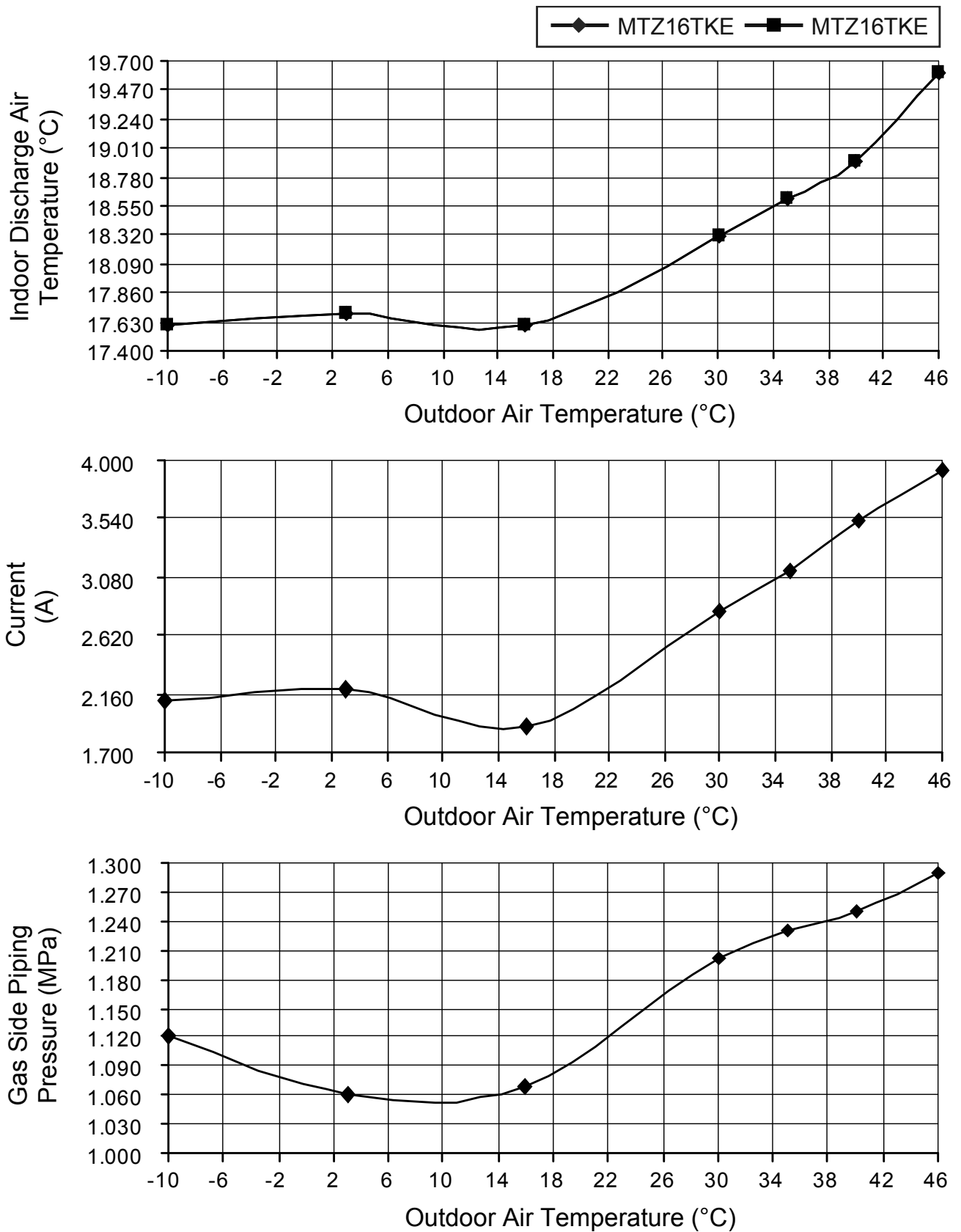
[Condition] Room temperature: 27°C (DBT), 19°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

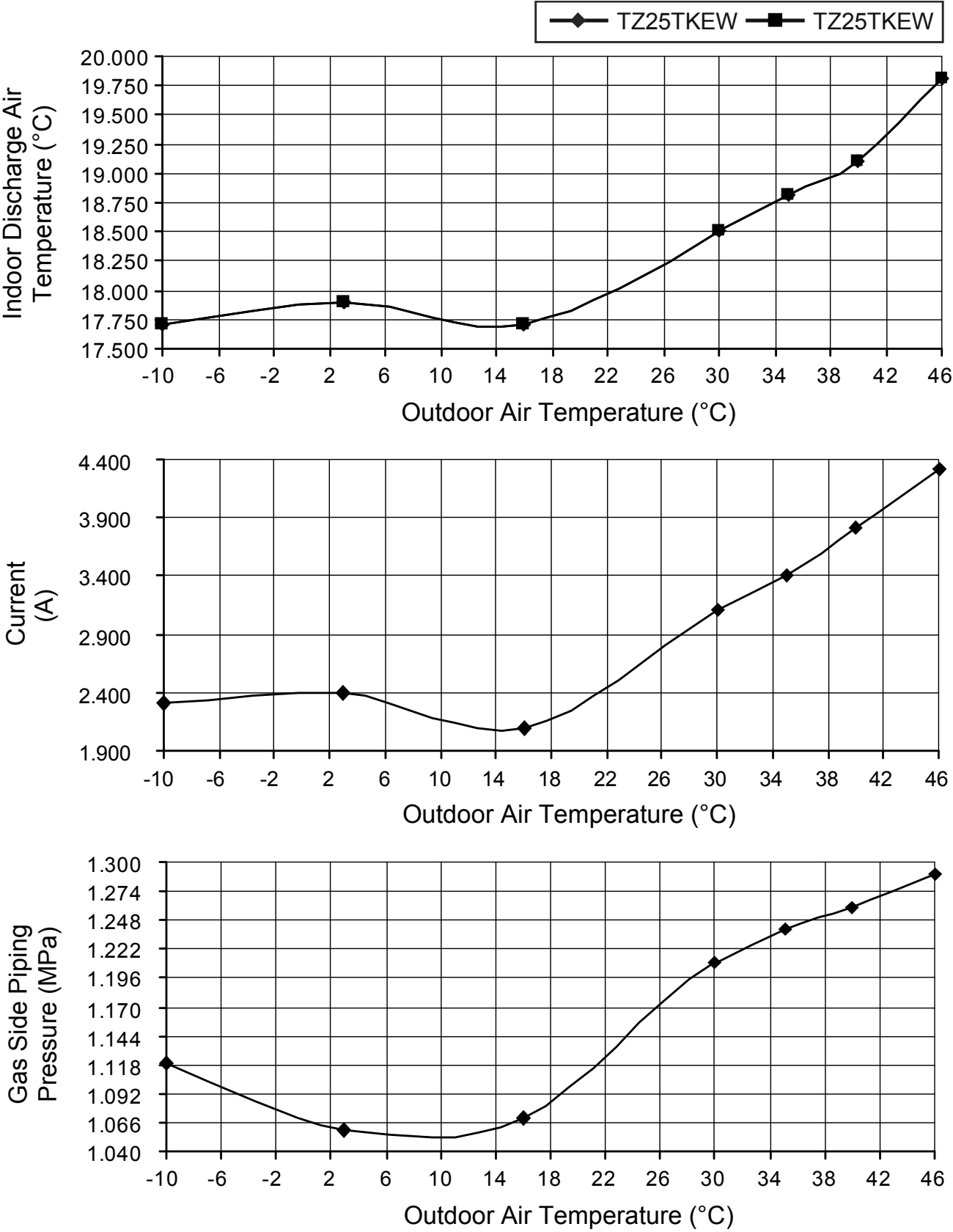
Voltage: 230V, 50Hz

A) Indoor unit capacity: Cooling (1.6 + 1.6), CS-MTZ16TKE + CS-MTZ16TKE



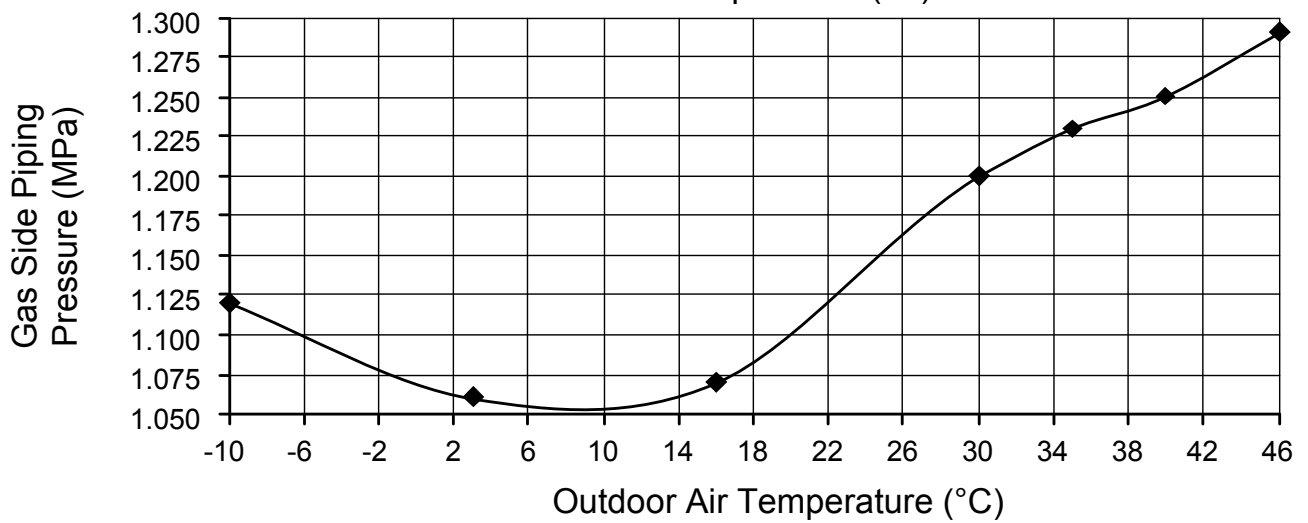
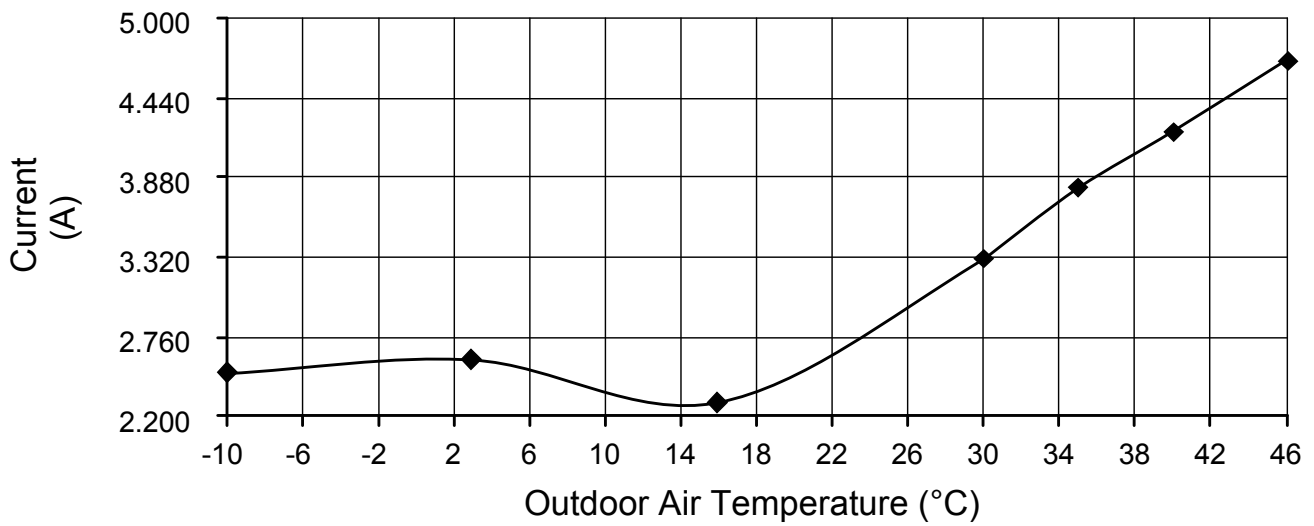
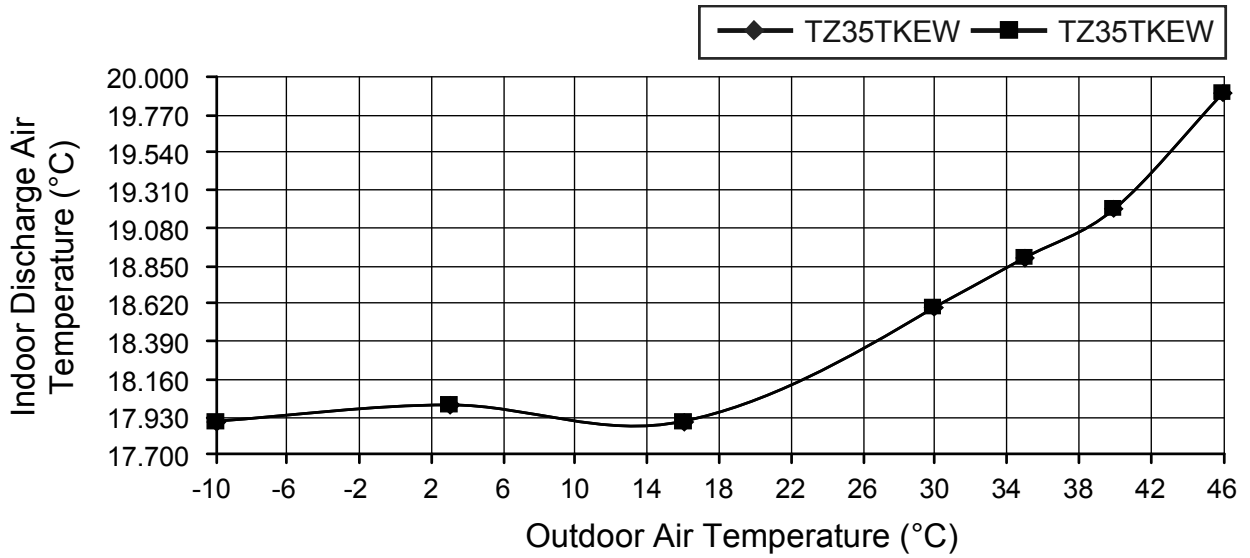
- Cooling Characteristic
- [Condition] Room temperature: 27°C (DBT), 19°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

B) Indoor unit capacity: Cooling (2.5 + 2.5), CS-TZ25TKEW + CS-TZ25TKEW



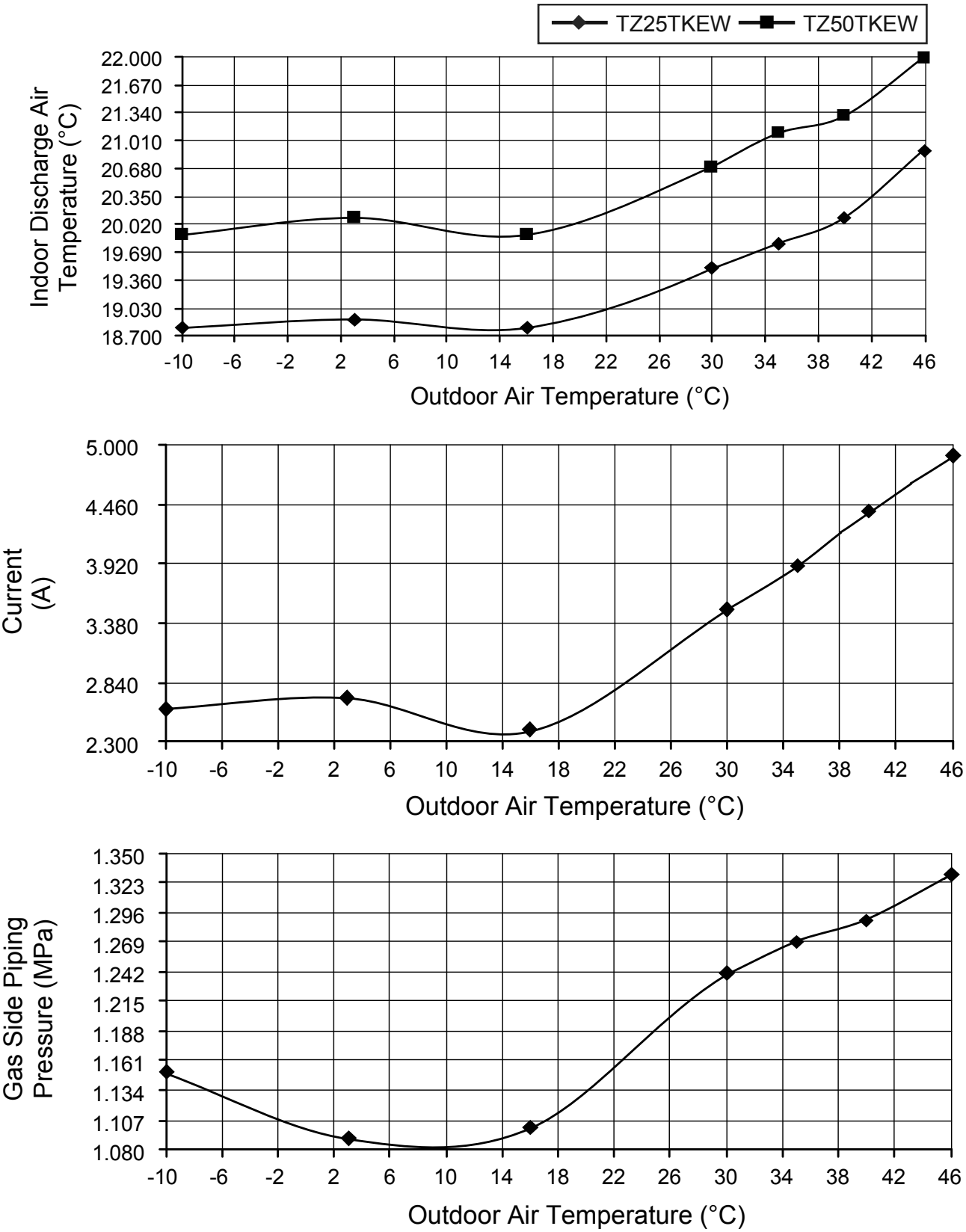
- Cooling Characteristic
- [Condition] Room temperature: 27°C (DBT), 19°C (WBT)
 Operation condition: High fan speed
 Piping length: 5.0 m
 Voltage: 230V, 50Hz

C) Indoor unit capacity: Cooling (3.5 + 3.5), CS-TZ35TKEW + CS-TZ35TKEW



- Cooling Characteristic
- [Condition] Room temperature: 27°C (DBT), 19°C (WBT)
 Operation condition: High fan speed
 Piping length: 5.0 m
 Voltage: 230V, 50Hz

D) Indoor unit capacity: Cooling (2.5 + 5.0), CS-TZ25TKEW + CS-TZ50TKEW



- Heating Characteristic

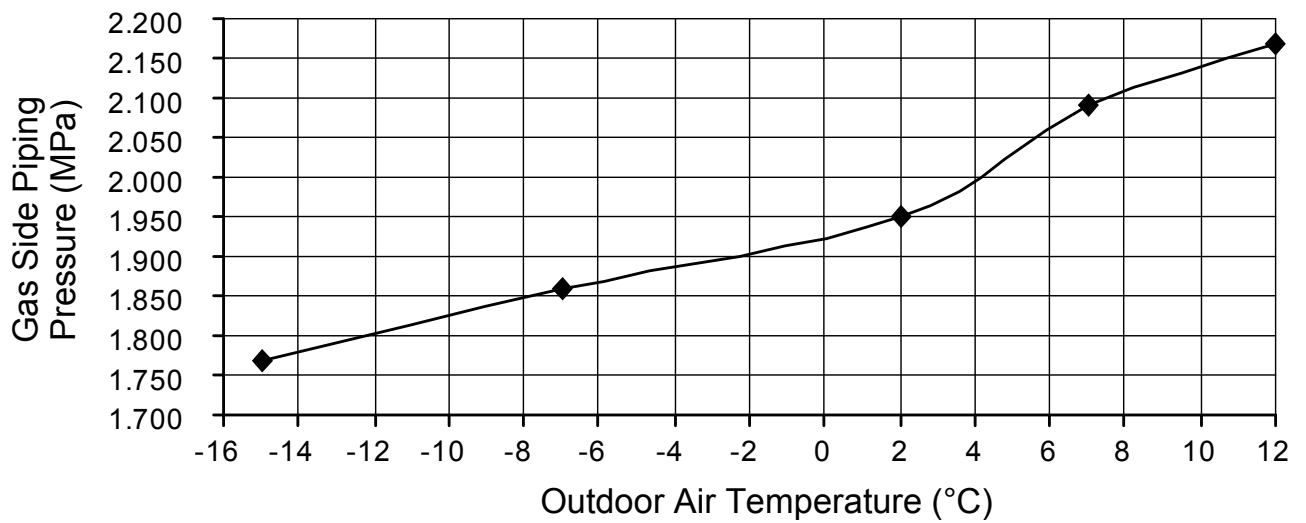
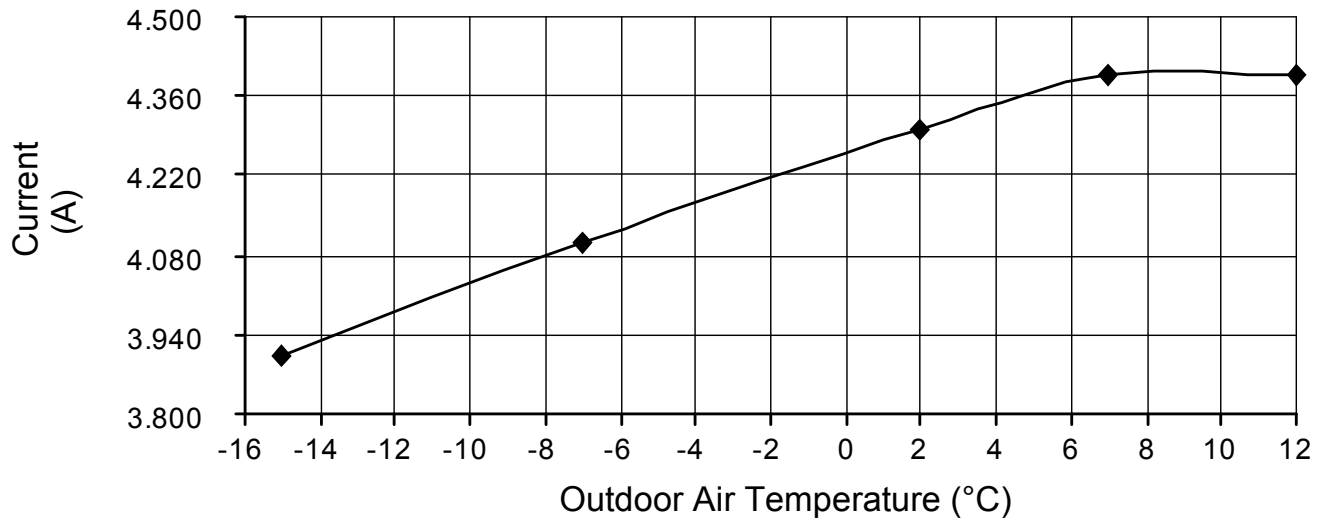
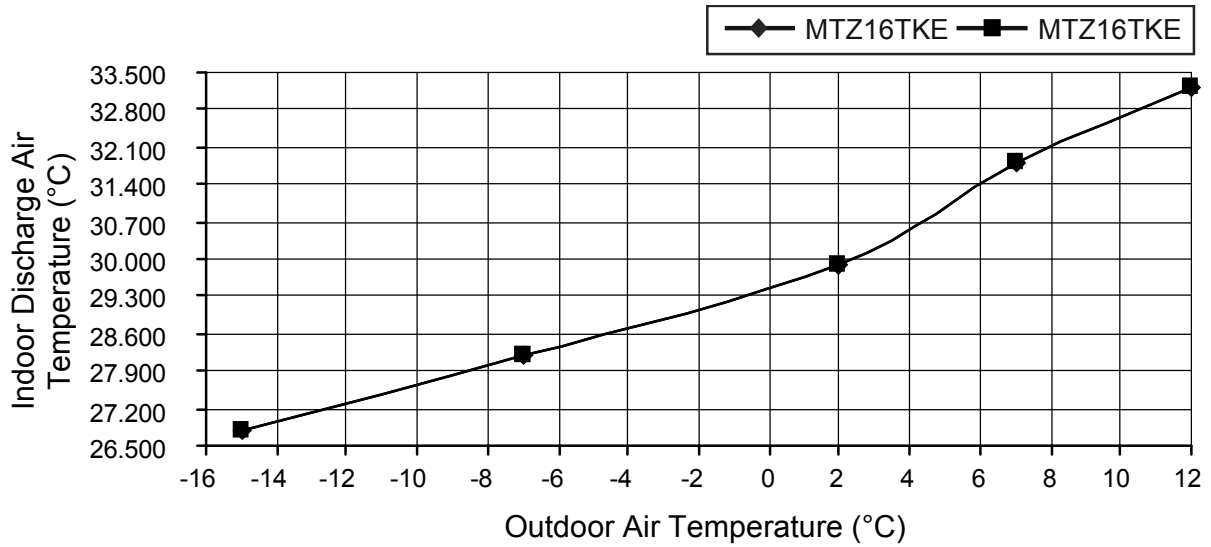
[Condition] Room temperature: 20°C (DBT), 12°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

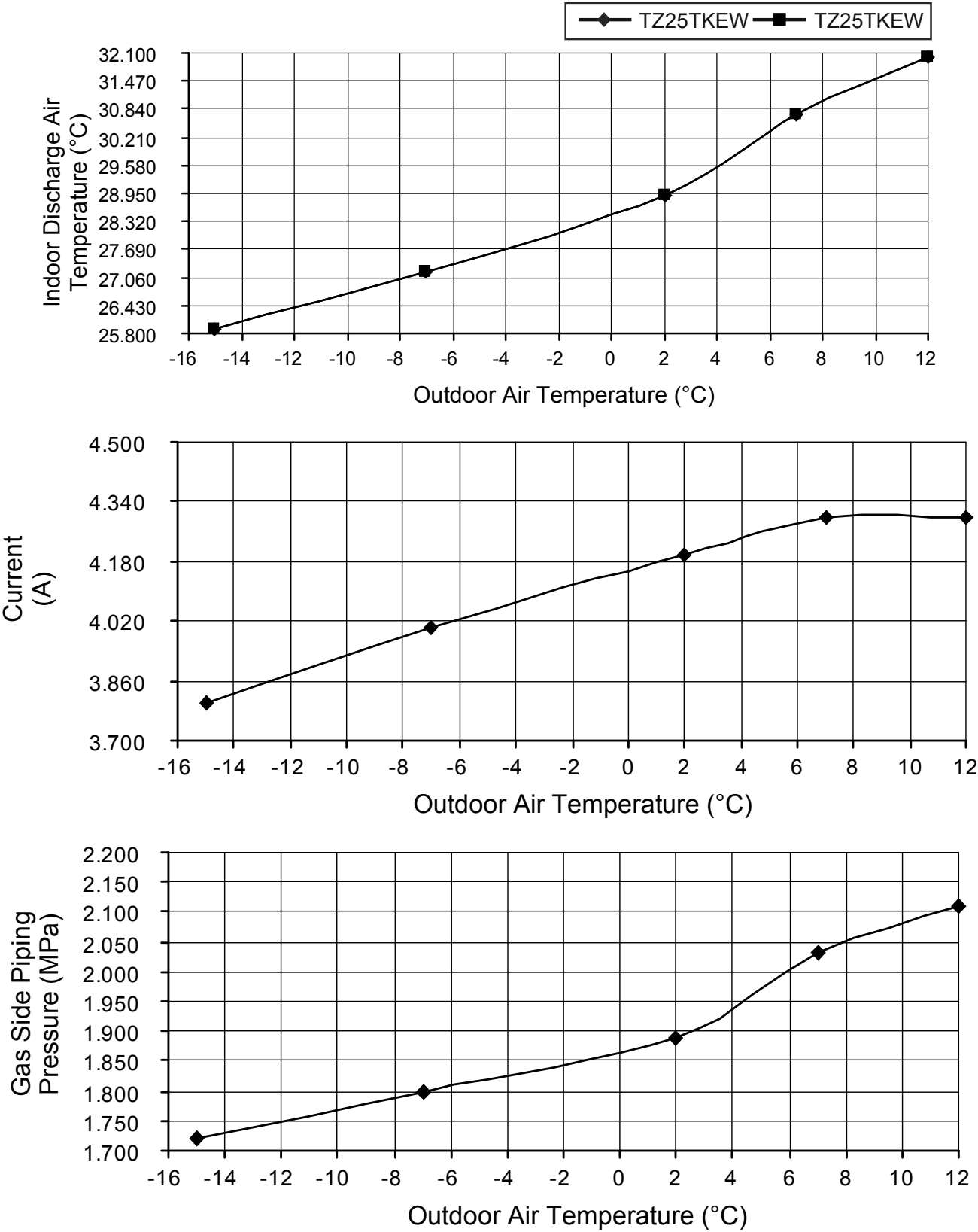
Voltage: 230V, 50Hz

A) Indoor unit capacity: Heating (1.6 + 1.6), CS-MTZ16TKE + CS-MTZ16TKE



- Heating Characteristic
- [Condition] Room temperature: 20°C (DBT), 12°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

B) Indoor unit capacity: Heating (2.5 + 2.5), CS-TZ25TKEW + CS-TZ25TKEW



- Heating Characteristic

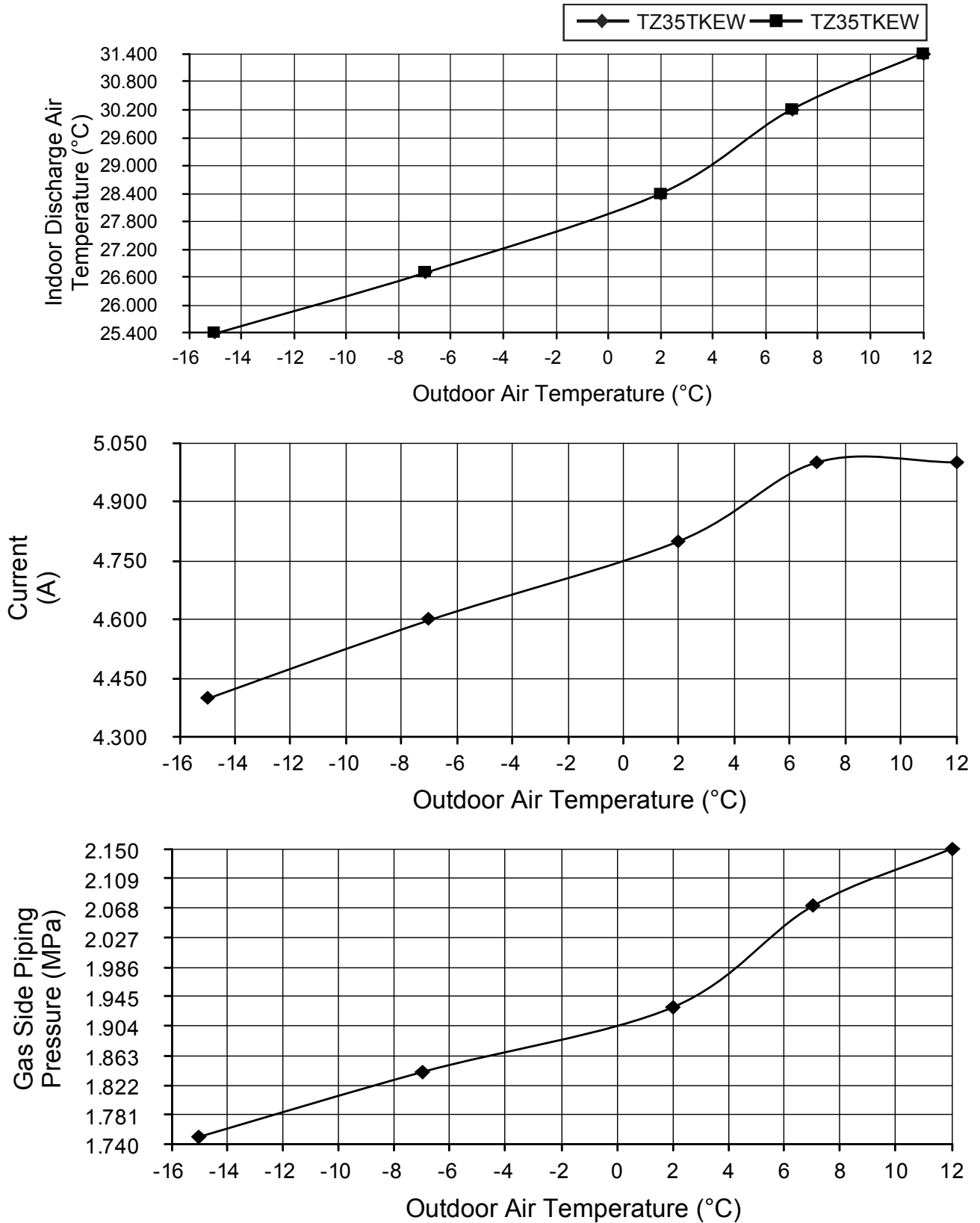
[Condition] Room temperature: 20°C (DBT), 12°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

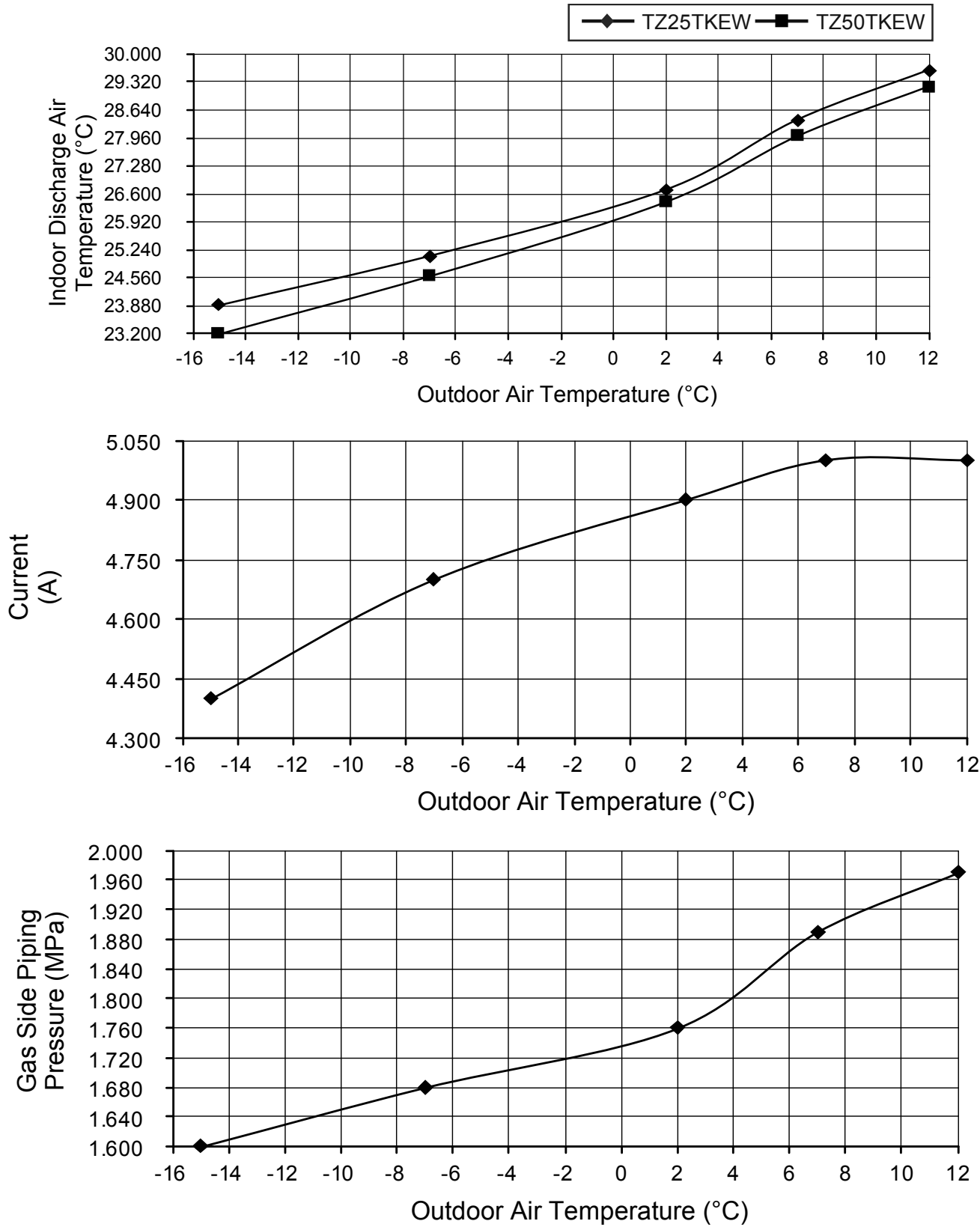
Voltage: 230V, 50Hz

C) Indoor unit capacity: Heating (3.5 + 3.5), CS-TZ35TKEW + CS-TZ35TKEW



- Heating Characteristic
- [Condition] Room temperature: 20°C (DBT), 12°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

D) Indoor unit capacity: Heating (2.5 + 5.0), CS-TZ25TKEW + CS-TZ50TKEW

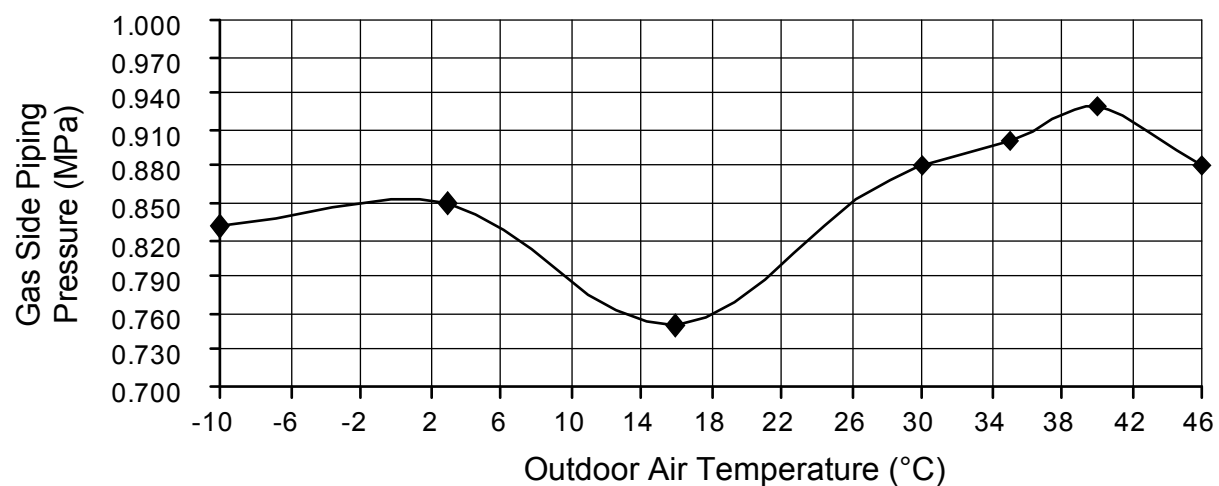
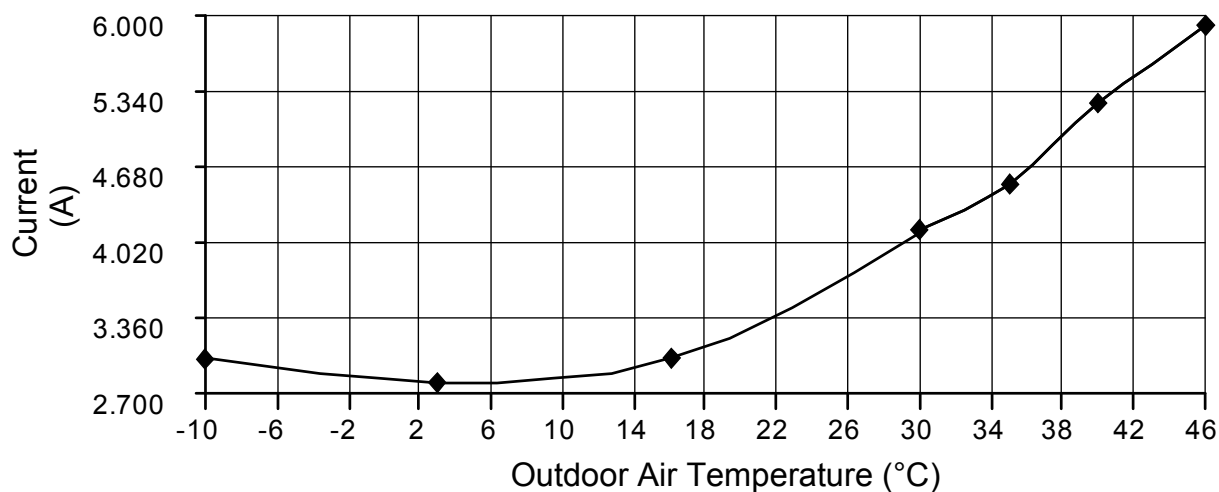
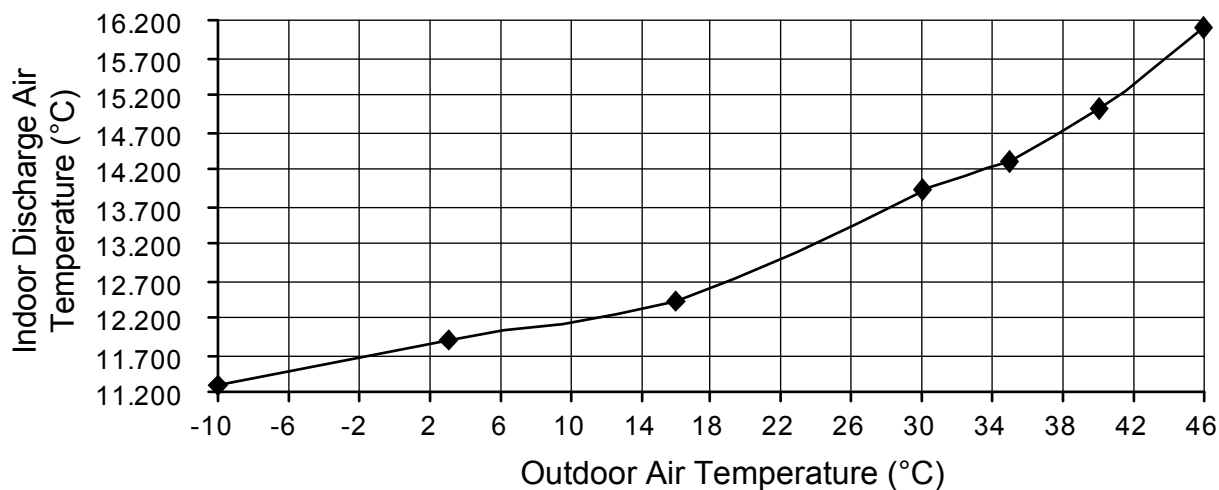


11.3 Operation Characteristics (CU-3TZ52TBE)

11.3.1 One Indoor Unit Operation

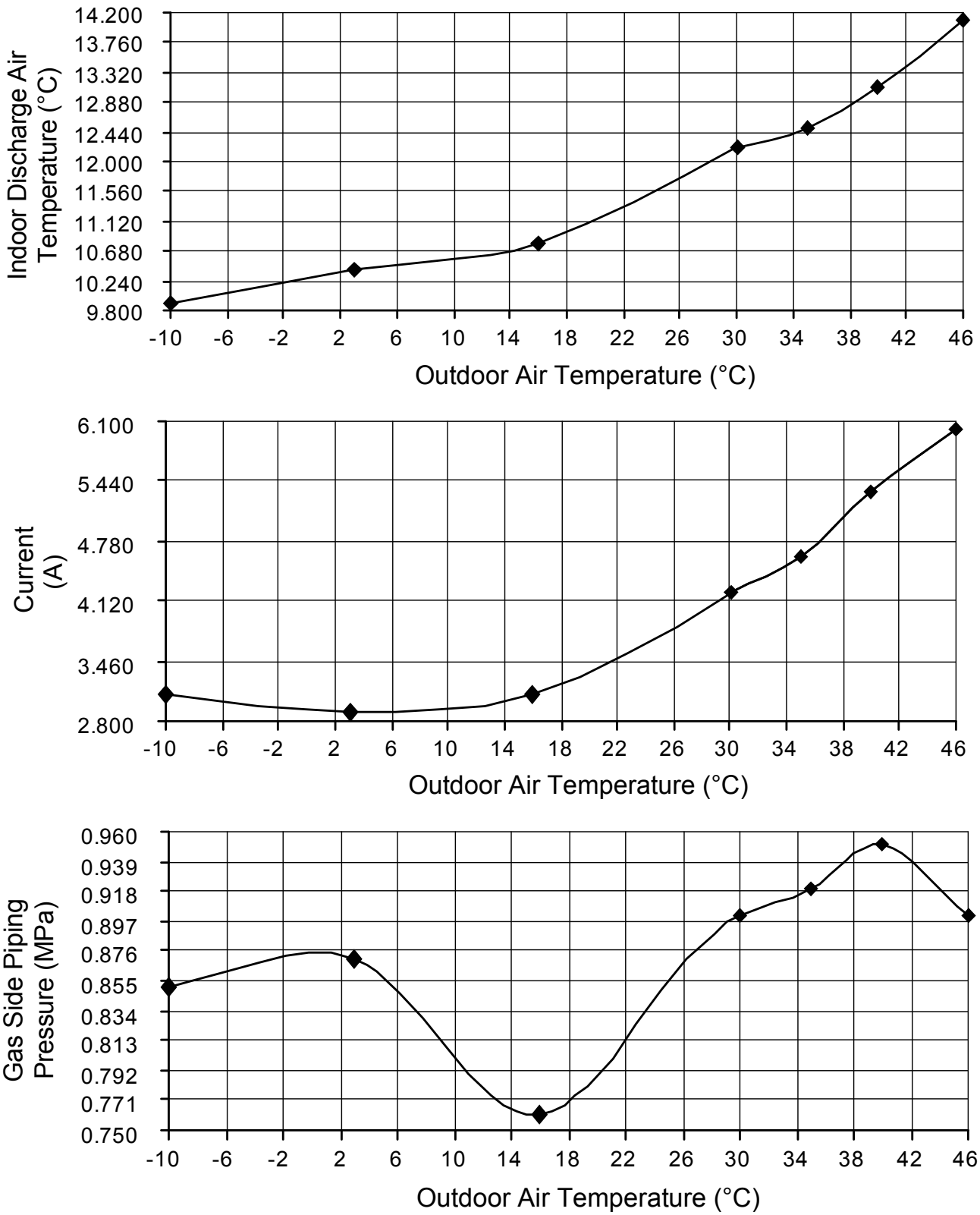
- Cooling Characteristic
- [Condition] Room temperature: 27°C (DBT), 19°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

A) Indoor unit capacity: Cooling (2.0), CS-TZ20TKEW



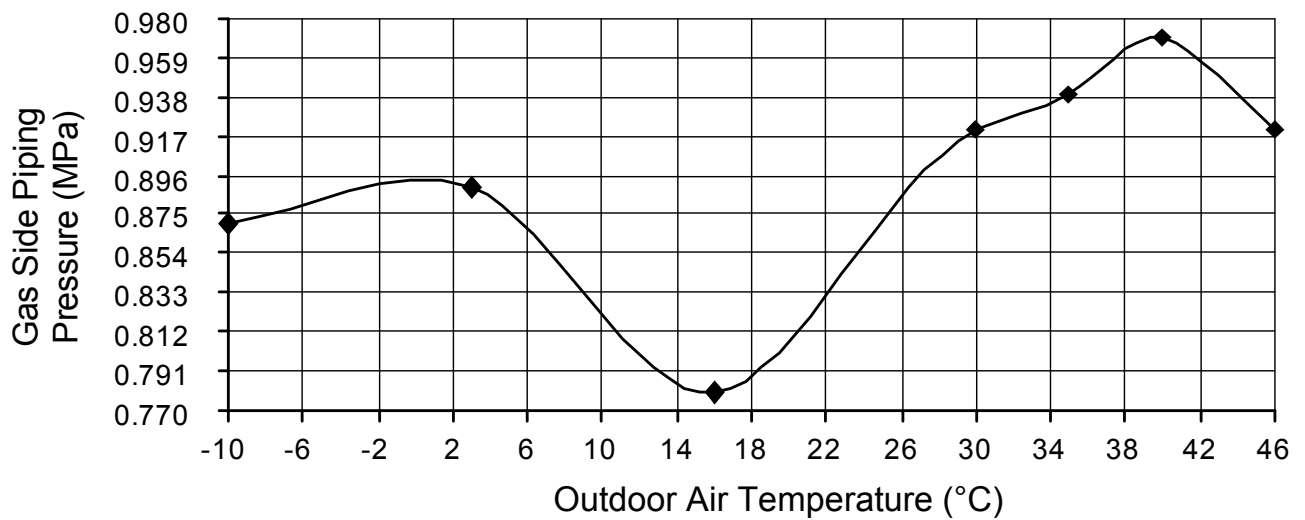
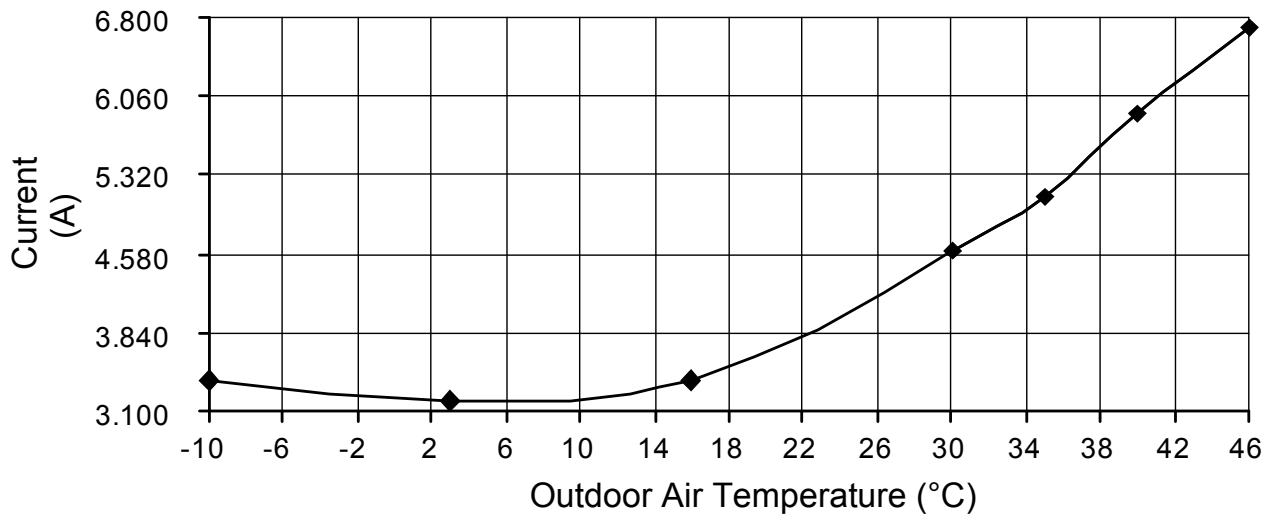
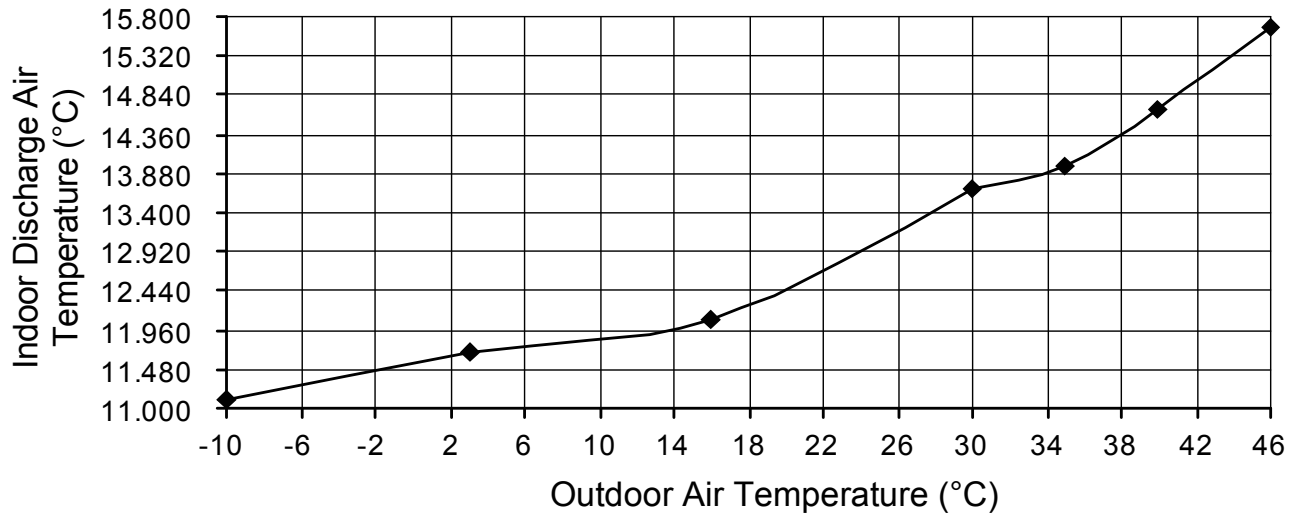
- Cooling Characteristic
- [Condition] Room temperature: 27°C (DBT), 19°C (WBT)
 Operation condition: High fan speed
 Piping length: 5.0 m
 Voltage: 230V, 50Hz

B) Indoor unit capacity: Cooling (2.5), CS-TZ25TKEW



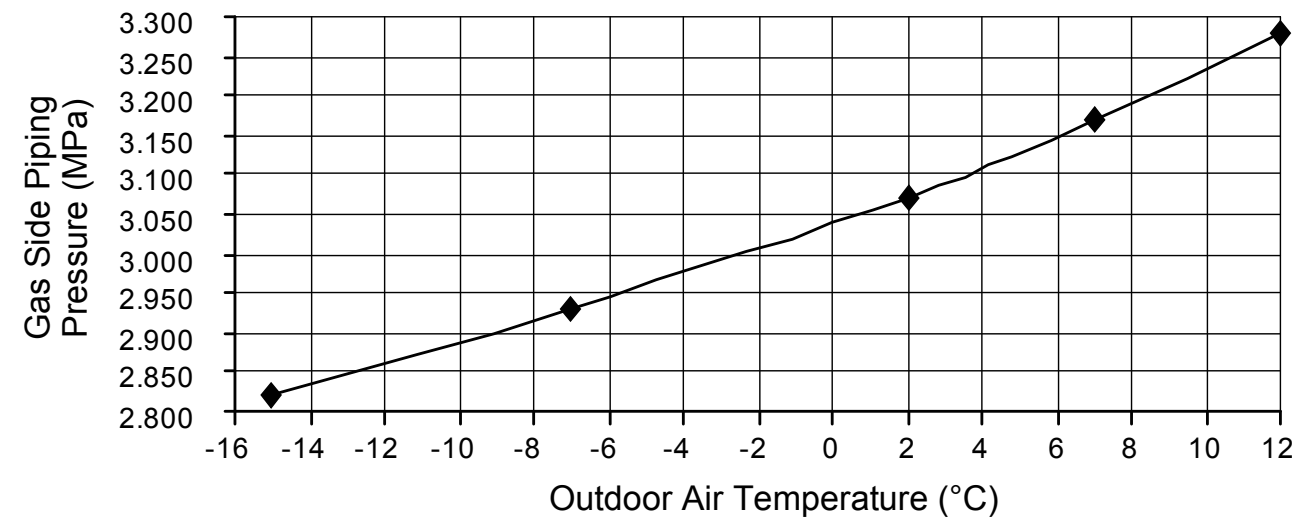
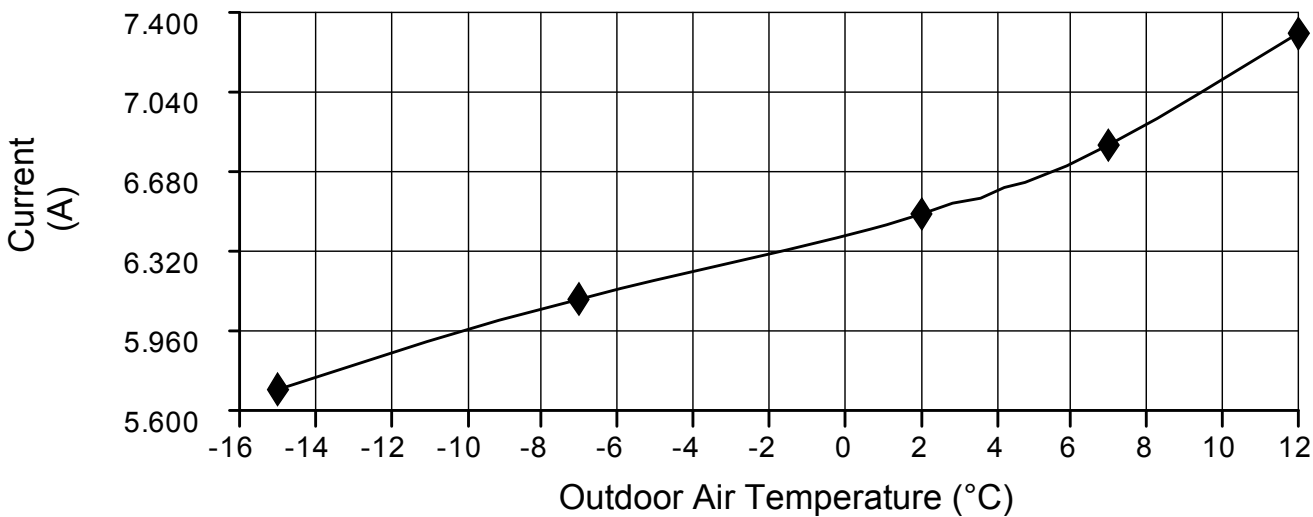
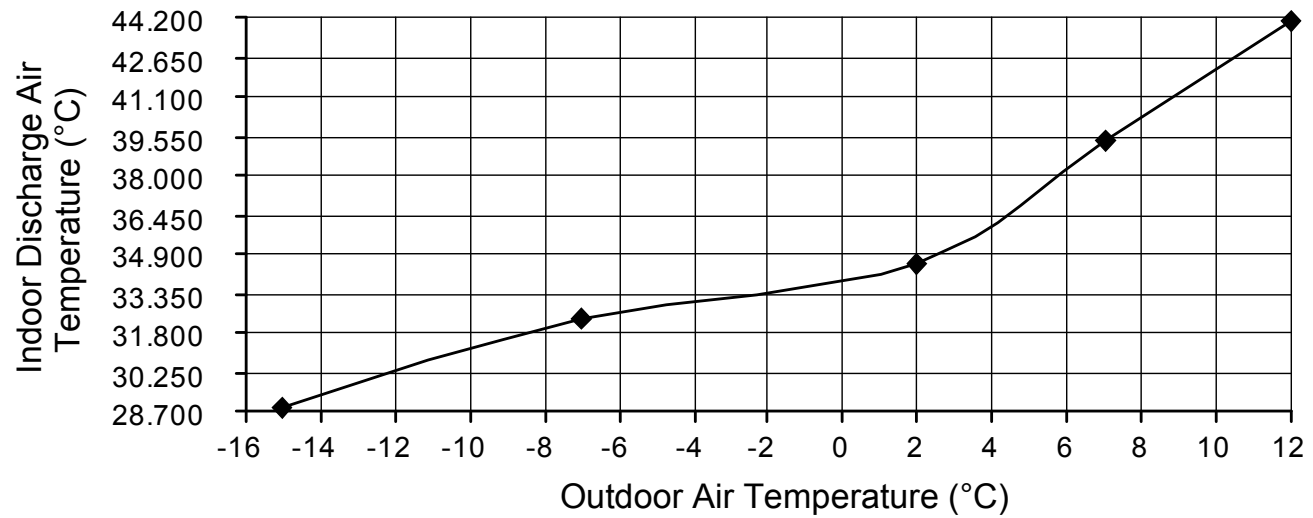
- Cooling Characteristic
- [Condition] Room temperature: 27°C (DBT), 19°C (WBT)
 Operation condition: High fan speed
 Piping length: 5.0 m
 Voltage: 230V, 50Hz

C) Indoor unit capacity: Cooling (4.2), CS-TZ42TKEW



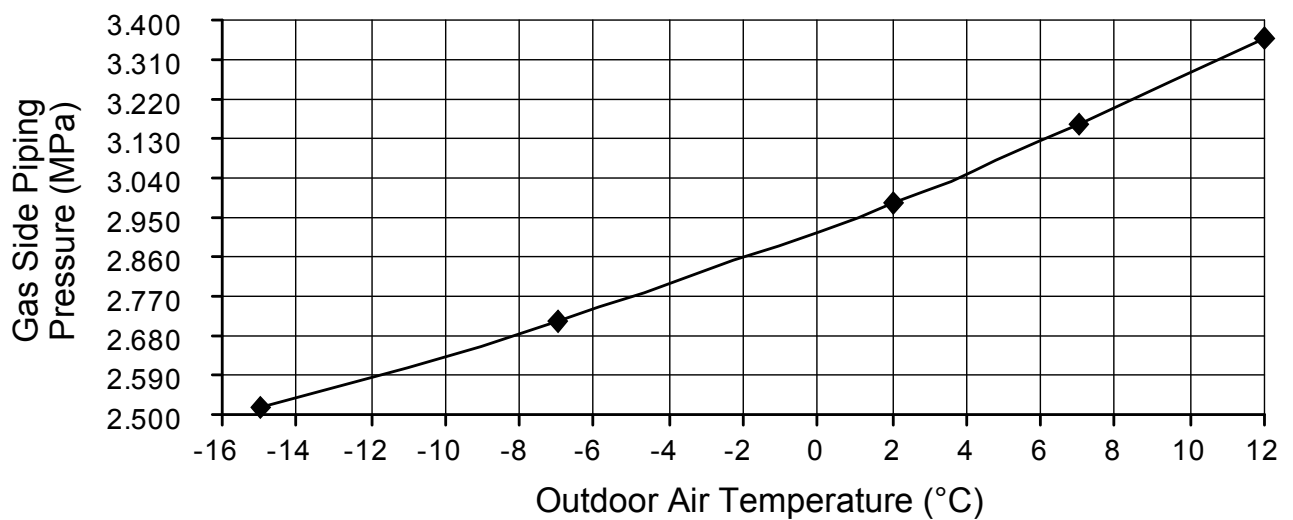
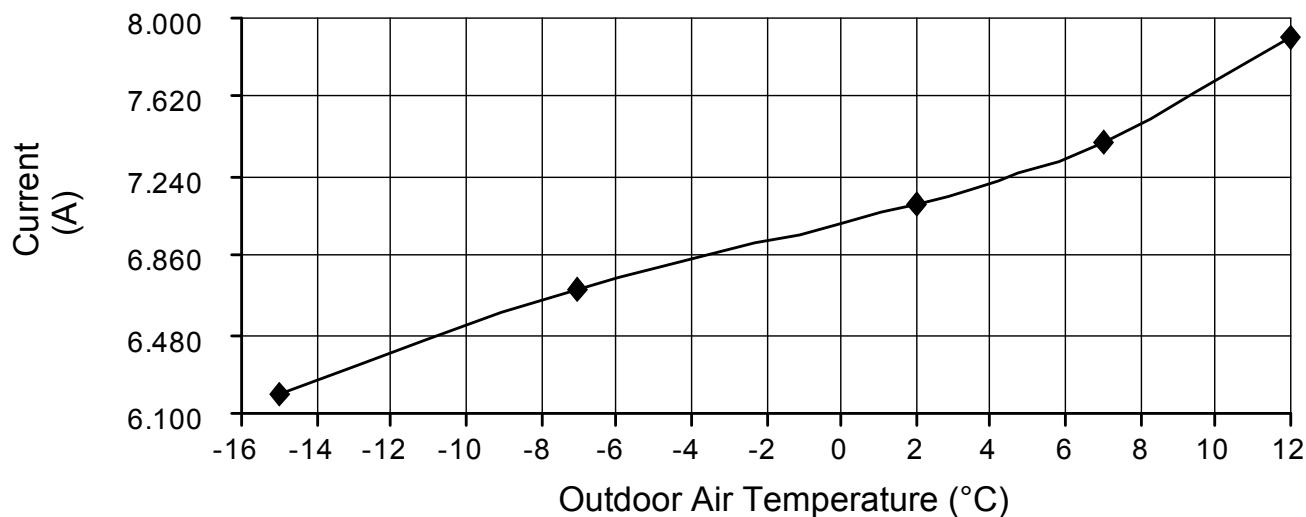
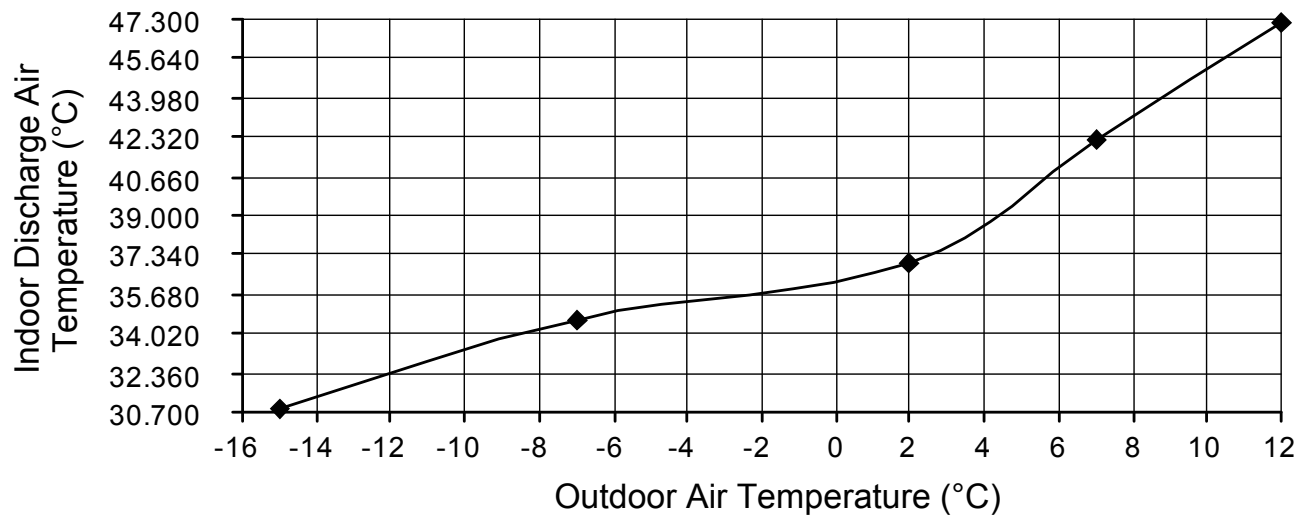
- Heating Characteristic
- [Condition] Room temperature: 20°C (DBT), 12°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

A) Indoor unit capacity: Heating (2.0), CS-TZ20TKEW



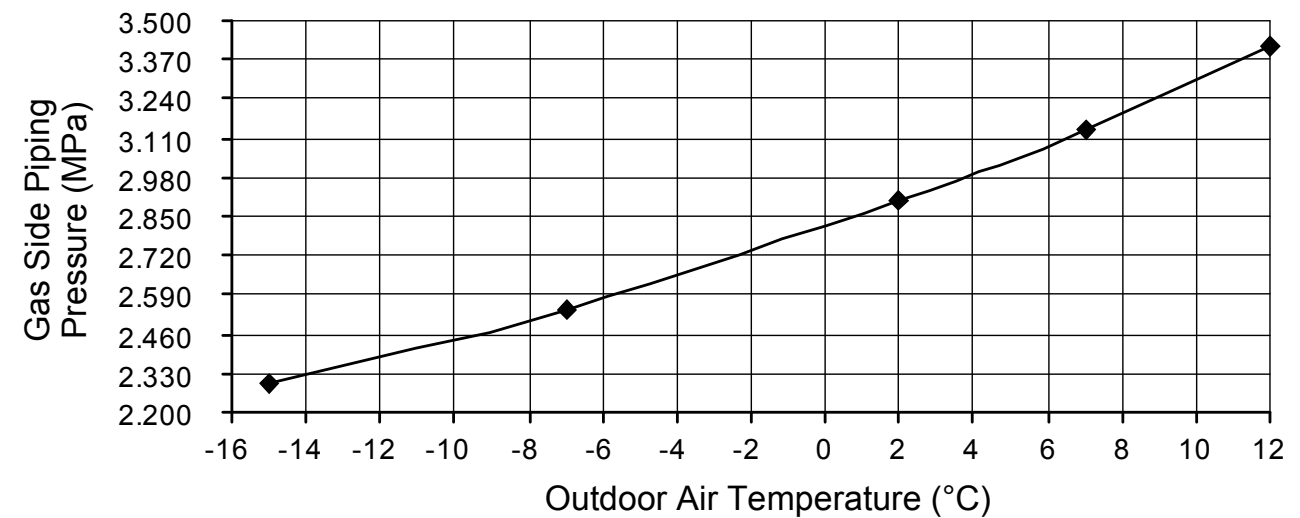
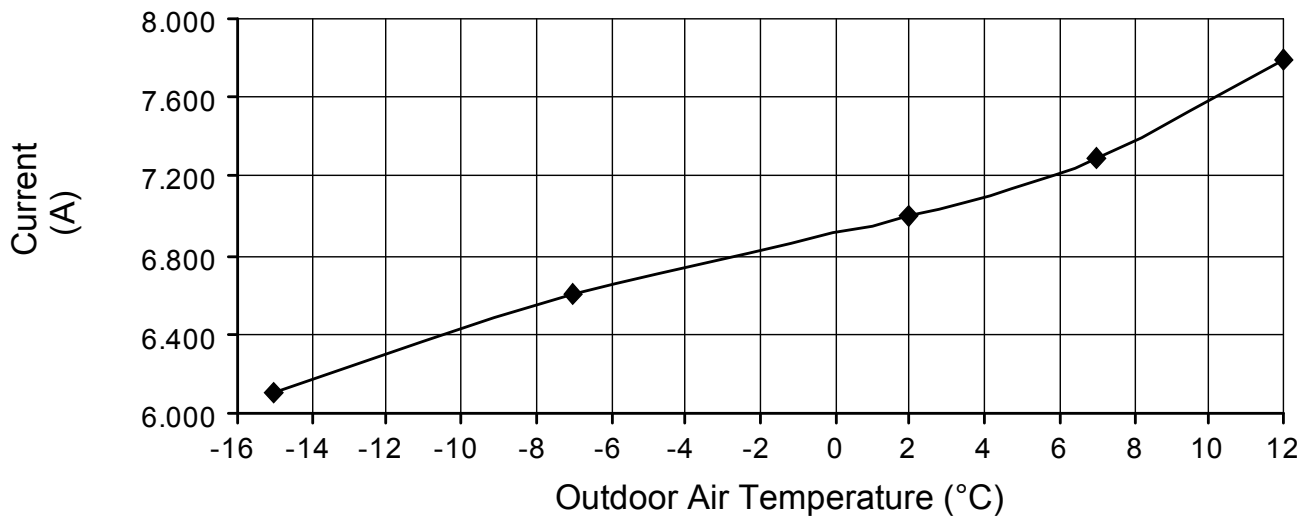
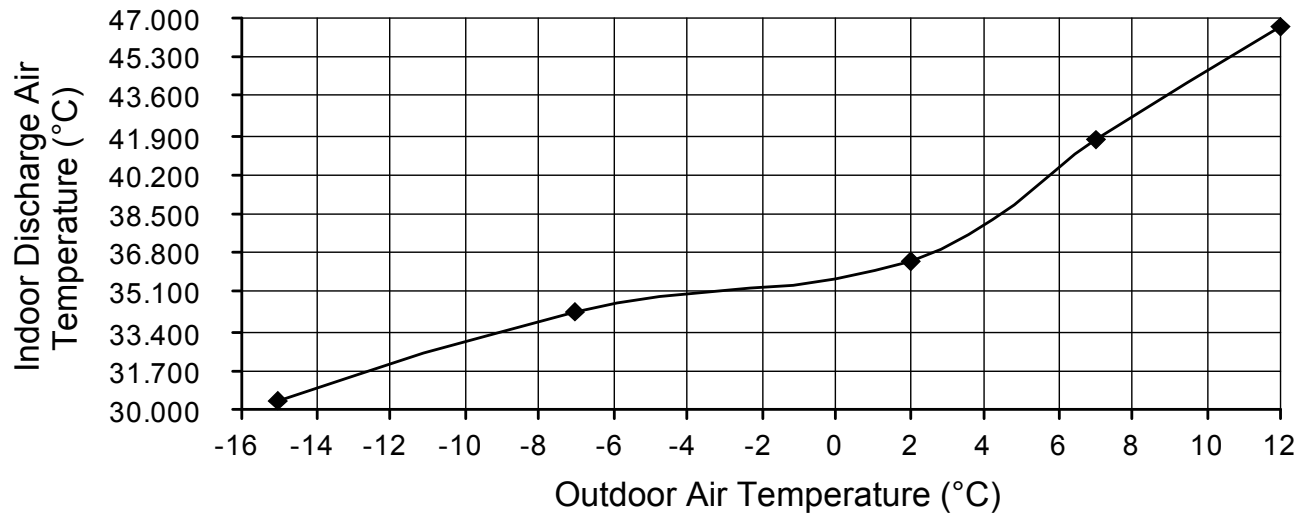
- Heating Characteristic
- [Condition] Room temperature: 20°C (DBT), 12°C (WBT)
 Operation condition: High fan speed
 Piping length: 5.0 m
 Voltage: 230V, 50Hz

B) Indoor unit capacity: Heating (2.5), CS-TZ25TKEW



- Heating Characteristic
- [Condition] Room temperature: 20°C (DBT), 12°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

C) Indoor unit capacity: Heating (4.2), CS-TZ42TKEW



11.3.2 Two Indoor Unit Operation

- Cooling Characteristic

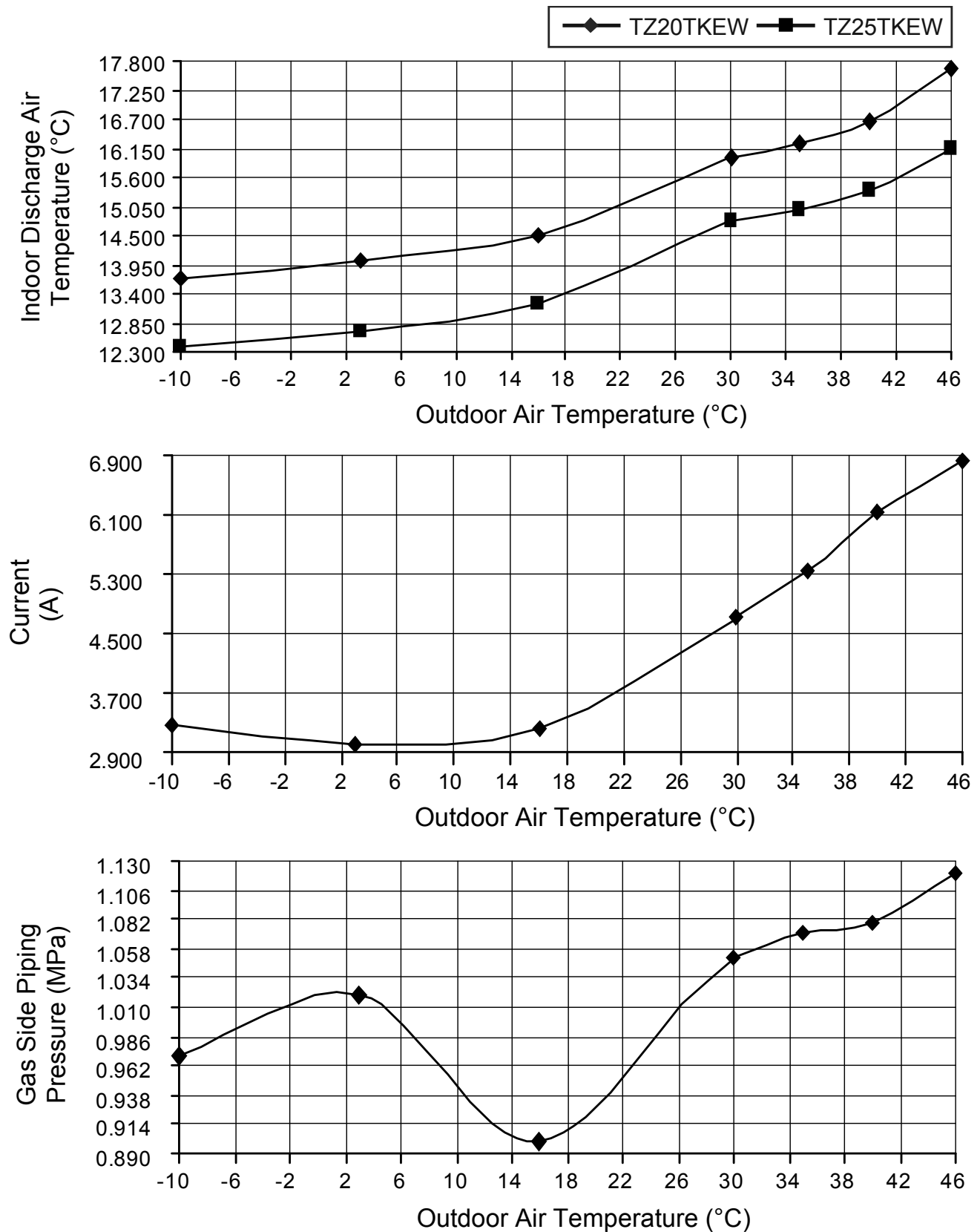
[Condition] Room temperature: 27°C (DBT), 19°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

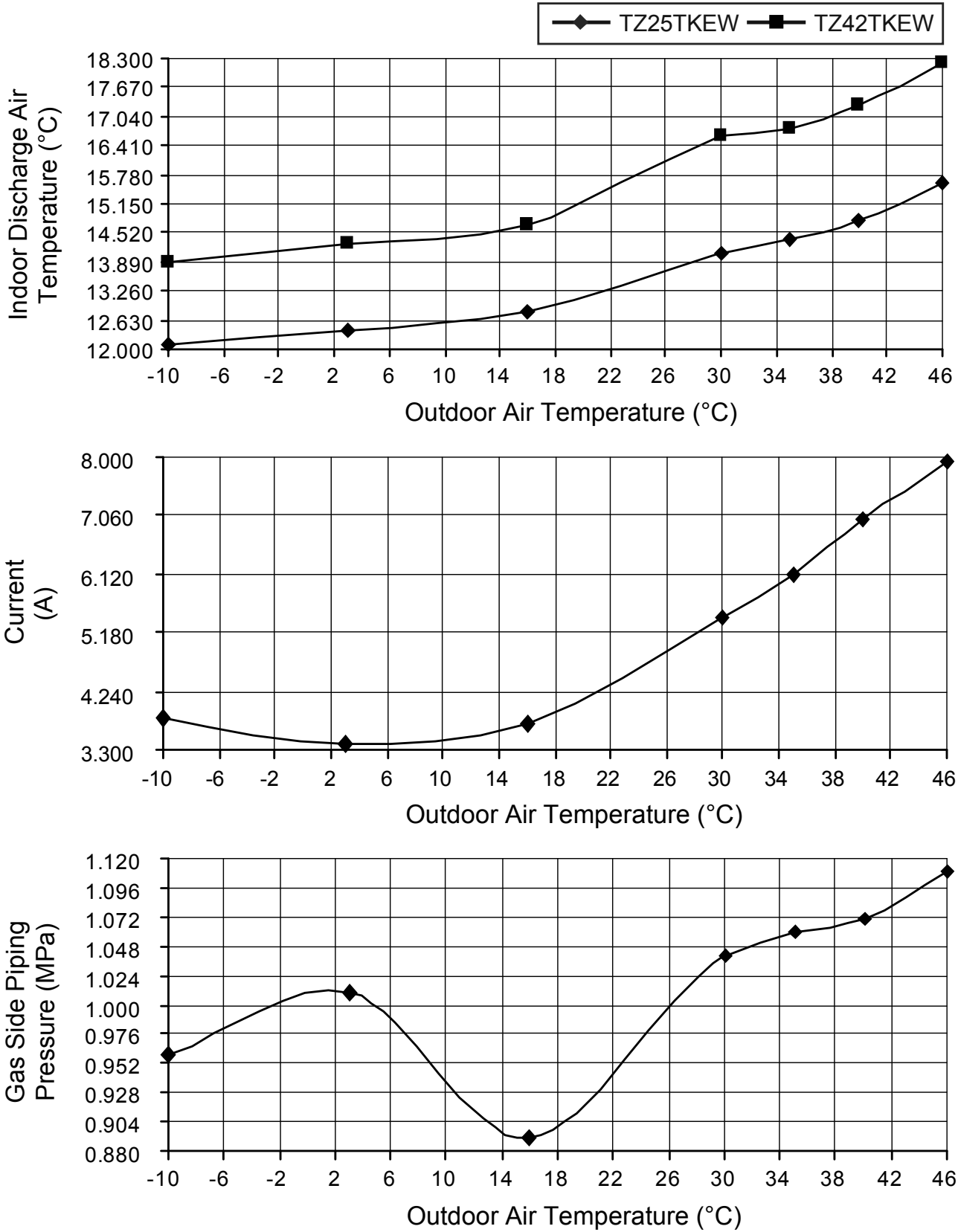
Voltage: 230V, 50Hz

A) Indoor unit capacity: Cooling (2.0 + 2.5), CS-TZ20TKEW + CS-TZ25TKEW



- Cooling Characteristic
- [Condition] Room temperature: 27°C (DBT), 19°C (WBT)
 Operation condition: High fan speed
 Piping length: 5.0 m
 Voltage: 230V, 50Hz

B) Indoor unit capacity: Cooling (2.5 + 4.2), CS-TZ25TKEW + CS-TZ42TKEW



- Heating Characteristic

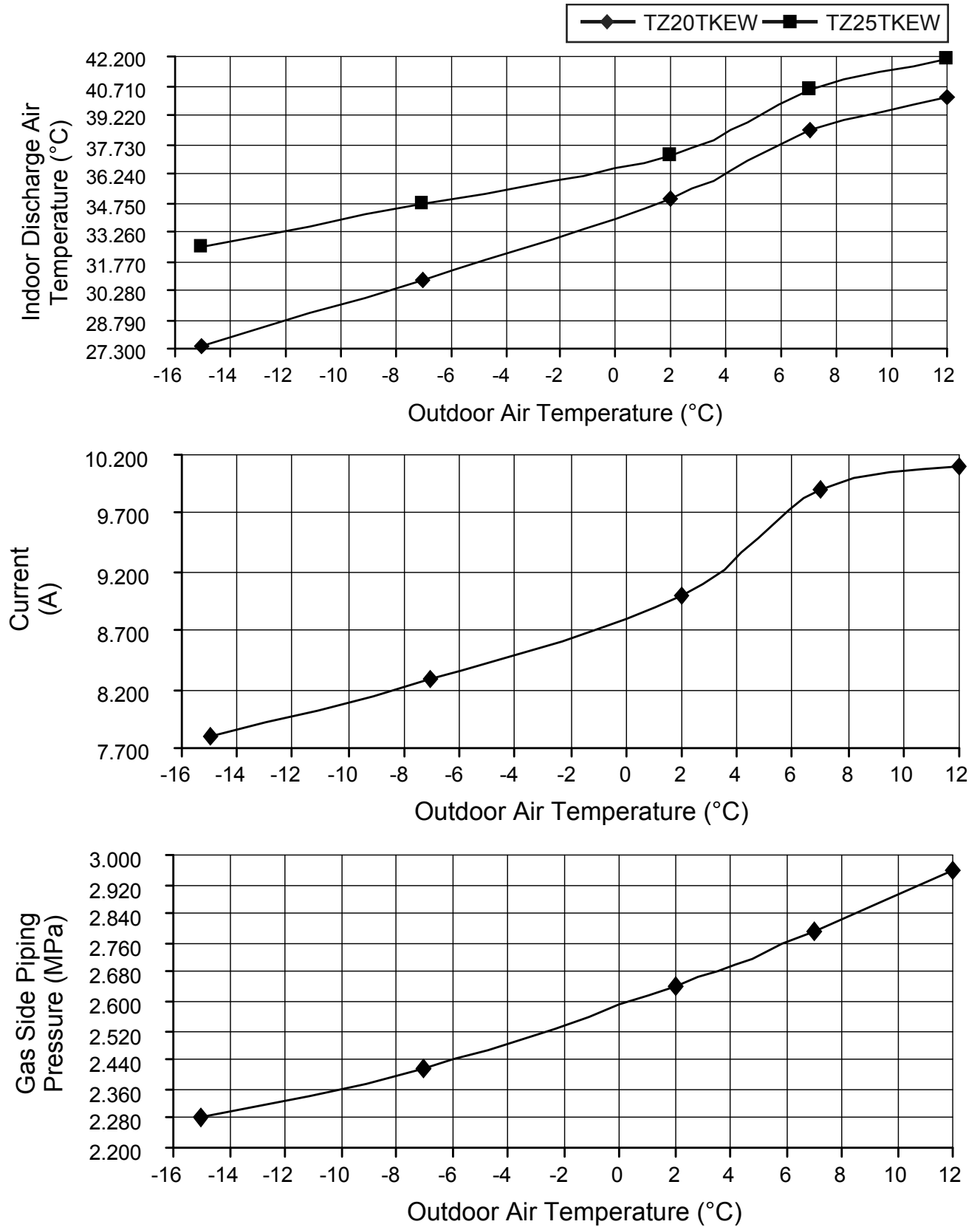
[Condition] Room temperature: 20°C (DBT), 12°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

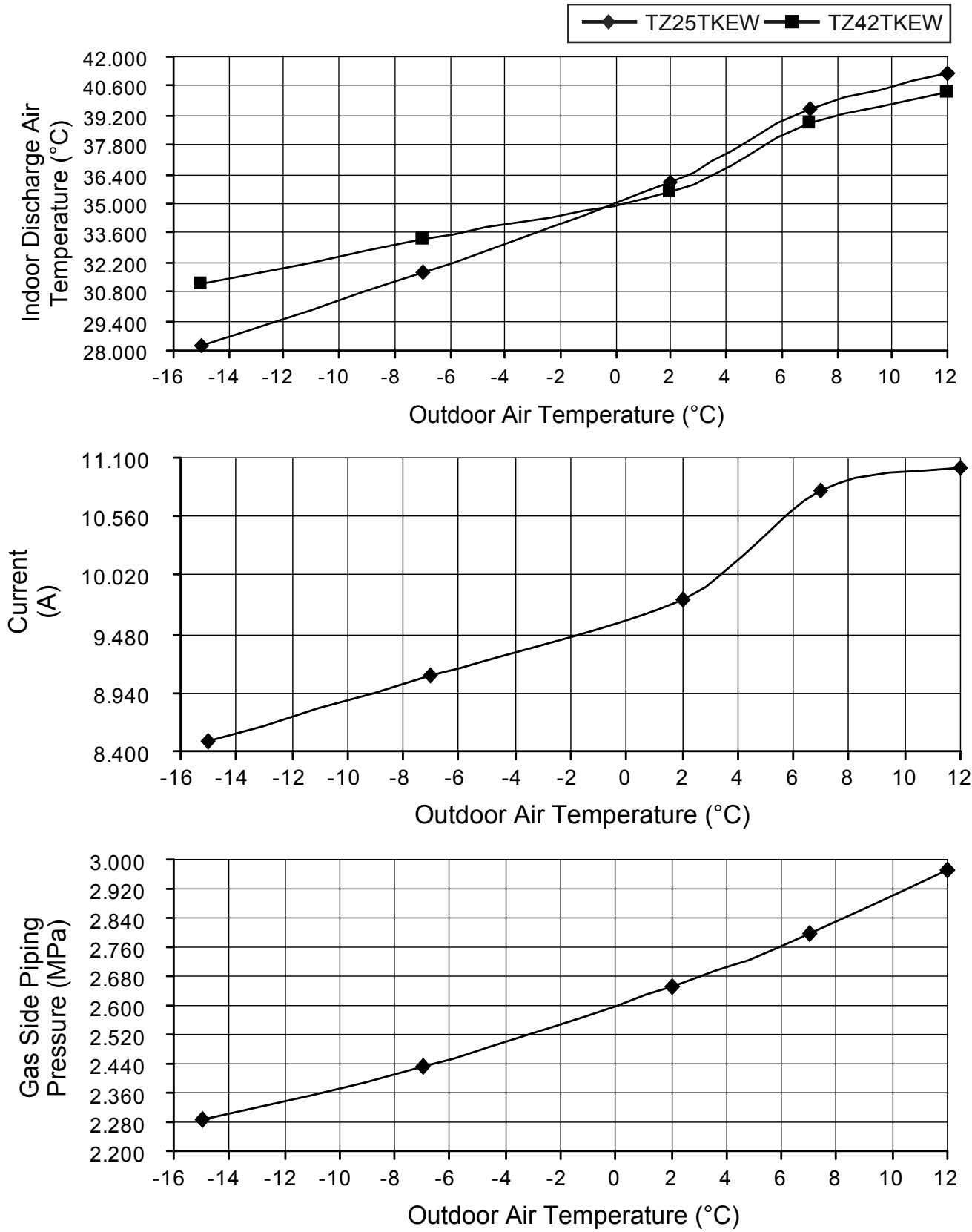
Voltage: 230V, 50Hz

A) Indoor unit capacity: Heating (2.0 + 2.5), CS-TZ20TKEW + CS-TZ25TKEW



- Heating Characteristic
- [Condition] Room temperature: 20°C (DBT), 12°C (WBT)
Operation condition: High fan speed
Piping length: 5.0 m
Voltage: 230V, 50Hz

B) Indoor unit capacity: Heating (2.5 + 4.2), CS-TZ25TKEW + CS-TZ42TKEW



11.3.3 Three Indoor Unit Operation

- Cooling Characteristic

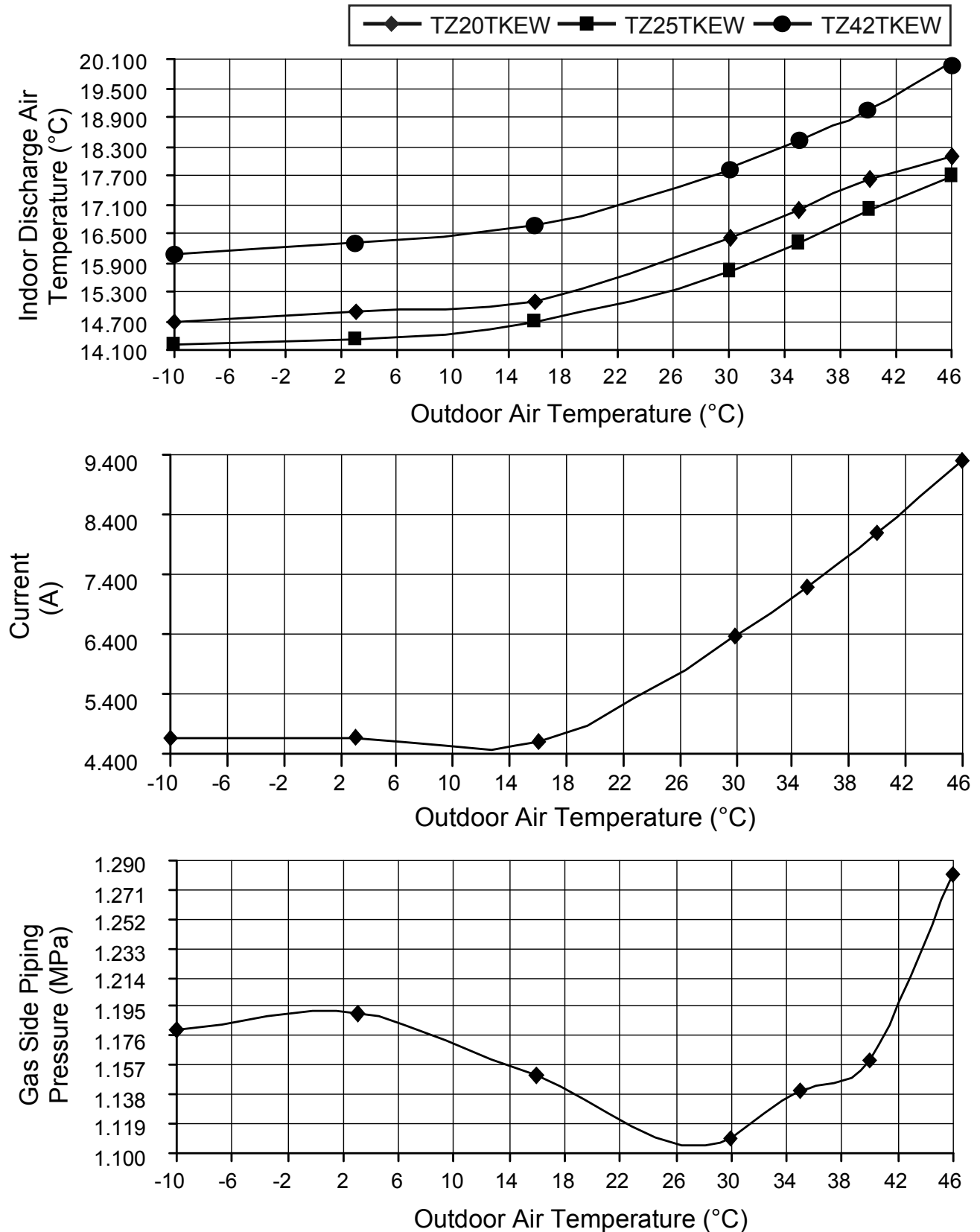
[Condition] Room temperature: 27°C (DBT), 19°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

Voltage: 230V, 50Hz

A) Indoor unit capacity: Cooling (2.0 + 2.5 + 4.2), CS-TZ20TKEW + CS-TZ25TKEW + CS-TZ42TKEW



- Heating Characteristic

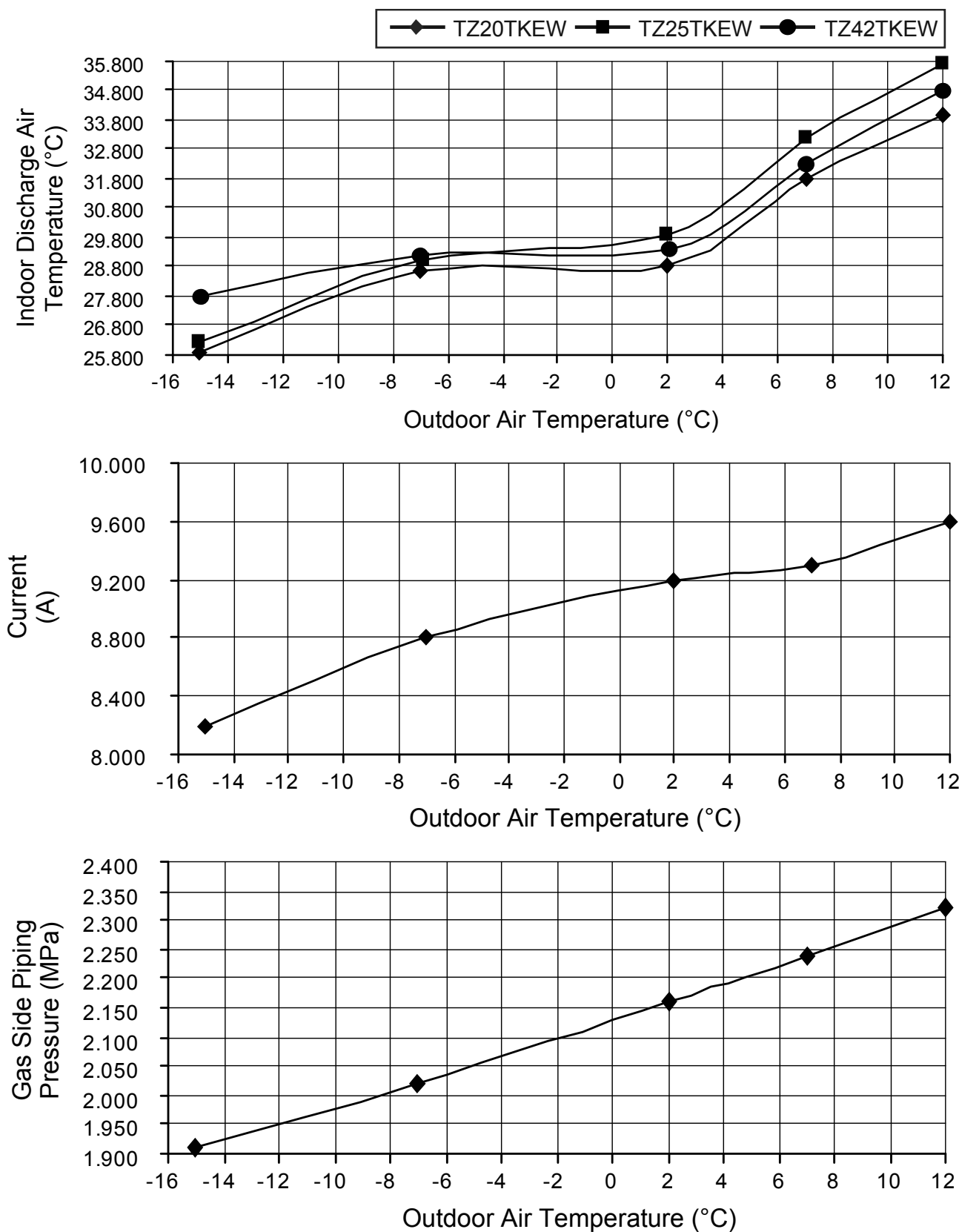
[Condition] Room temperature: 20°C (DBT), 12°C (WBT)

Operation condition: High fan speed

Piping length: 5.0 m

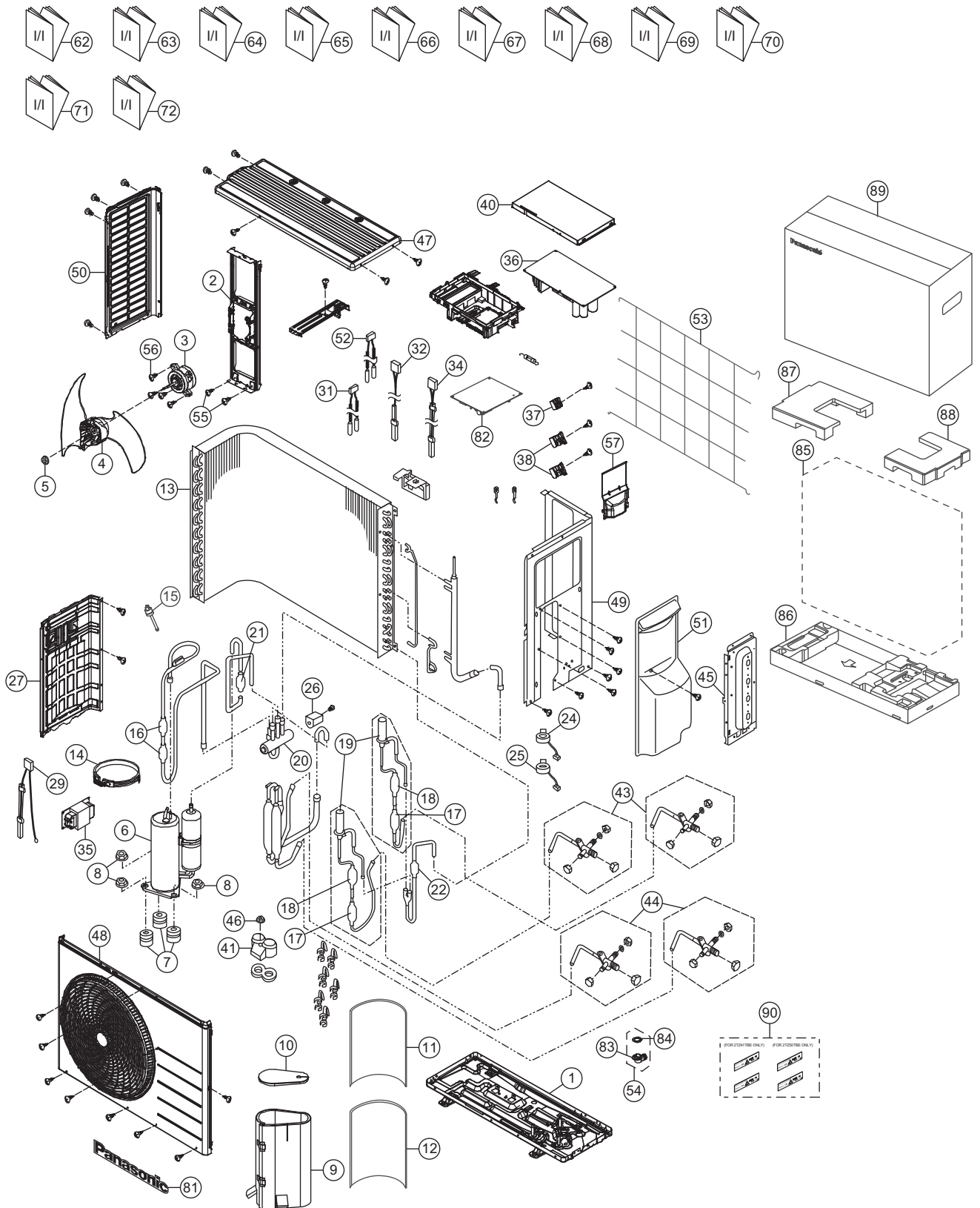
Voltage: 230V, 50Hz

A) Indoor unit capacity: Heating (2.0 + 2.5 + 4.2), CS-TZ20TKEW + CS-TZ25TKEW + CS-TZ42TKEW



12. Exploded View and Replacement Parts List

12.1 CU-2TZ41TBE CU-2TZ50TBE



Note

The above exploded view is for the purpose of parts disassembly and replacement.
The non-numbered parts are not kept as standard service parts.

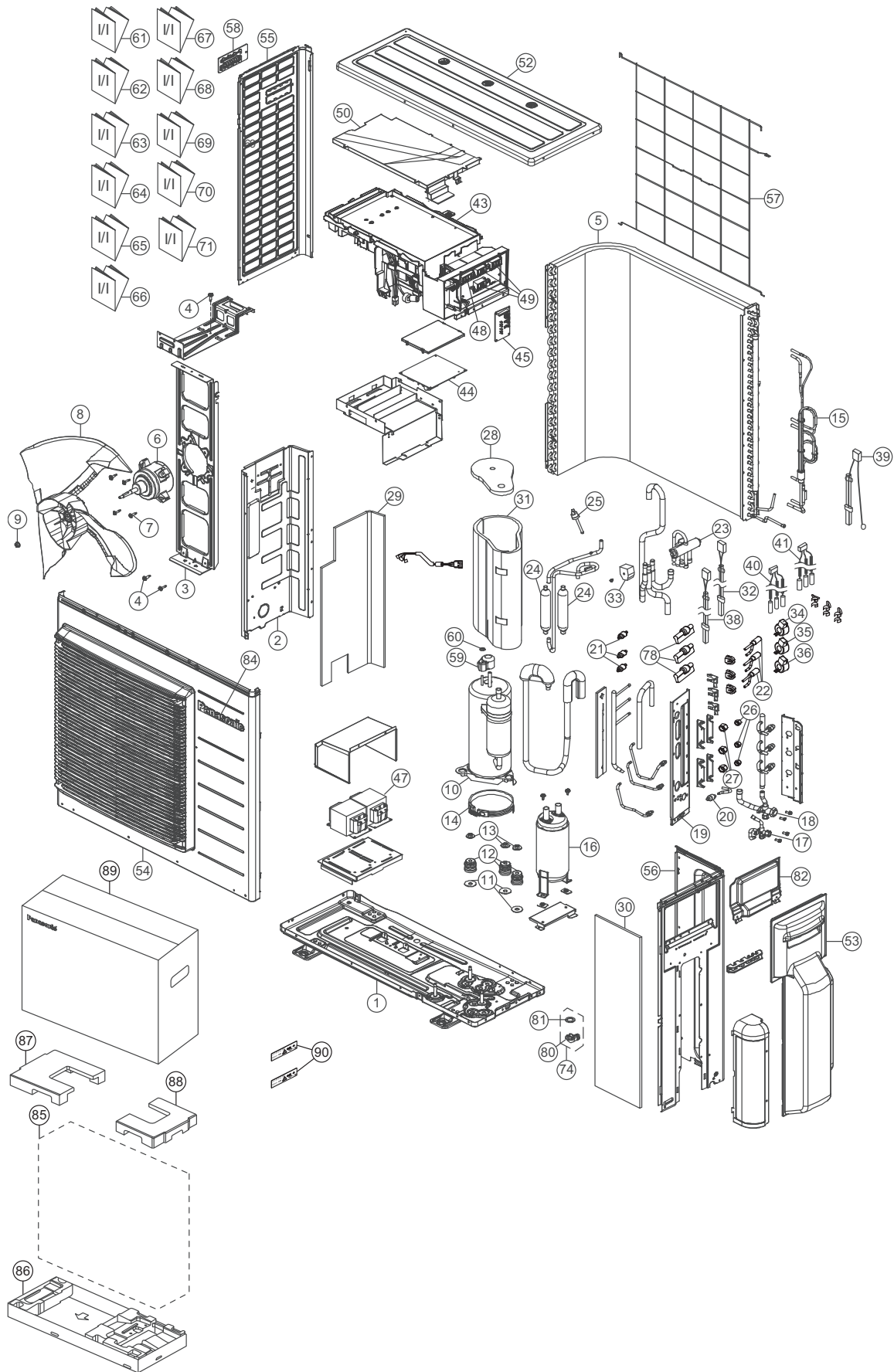
SAFETY	NO.	DESCRIPTION & NAME	Q'TY	CU-2TZ41TBE	CU-2TZ50TBE	REMARK
	1	CHASSIS COMPLETE	1	CWD52K1399	←	
	2	FAN MOTOR BRACKET	1	CWD541157	←	
⚠	3	FAN MOTOR	1	L6CBYYYYL0218	←	O
	4	PROPELLER FAN ASSY	1	CWH03K1100	←	
	5	NUT - PROPELLER FAN	1	CWH56053J	←	
⚠	6	COMPRESSOR	1	9RD132XFA21	←	O
	7	ANTI - VIBRATION BUSHING	3	CWH50077	←	
	8	NUT - COMPRESSOR MOUNT	3	CWH561096	←	
	9	SOUND PROOF MATERIAL (BODY)	1	ACXG30-08250	←	
	10	SOUND PROOF MATERIAL (TOP)	1	ACXG30-08260	←	
	11	SOUND PROOF MATERIAL	1	ACXG30-08450	←	
	12	SOUND PROOF MATERIAL	1	ACXG30-08510	←	
	13	CONDENSER	1	ACXB32C15170	←	
	14	CRANKCASE HEATER	1	CWA341044	←	
	15	HEATING PRESSURE SWITCH	1	CWA101013	←	
	16	DISCHARGE MUFFLER (4 W.VALVE)	2	CWB121010	←	
	17	DISCHARGE MUFFLER	2	ACXB12-00610	←	
	18	STRAINER	2	CWB111024	←	
	19	EXPANSION VALVE	2	CWB051029	←	
	20	4 - WAYS VALVE	1	CWB001064	←	O
	21	STRAINER	1	CWB111004	←	
	22	STRAINER	1	CWB111080	←	
	24	V - COIL COMPLETE (CN-EV1 WHITE)	1	CWA43C2579	←	O
	25	V - COIL COMPLETE (CN-EV2 YELLOW)	1	CWA43C2580	←	O
	26	V - COIL COMPLETE (4 - WAY VALVE)	1	CWA43C2585	←	O
	27	SOUND PROOF BOARD	1	ACXH15-02430	←	
	29	SENSOR - COMPLETE (AIR TEMP SENSOR CN-TH1)	1	ACXA50C14060	←	O
	31	SENSOR - COMPLETE (GAS PIPE TEMP CN-TH4)	1	ACXA50C14080	←	O
	32	SENSOR - COMPLETE (DEFROST SENSOR CN-TH2)	1	ACXA50C14070	←	O
	34	SENSOR - COMPLETE - COMP TEMP	1	CWA50C2632	←	O
	35	REACTOR	1	G0C392J00035	←	O
⚠	36	ELECTRONIC CONTROLLER - MAIN	1	ACXA73C42190R	ACXA73C42200R	O
⚠	37	TERMINAL BOARD ASSY (L, N)	1	CWA28K1162	←	O
⚠	38	TERMINAL BOARD ASSY (1, 2, 3)	2	CWA28K1161	←	O
	40	CONTROL BOARD COVER	1	ACXH13-00450	←	
	41	TERMINAL COVER	1	CWH171039A	←	
	43	3 - WAYS VALVE (LIQUID)	2	CWB011418	←	O
	44	3 - WAYS VALVE (GAS)	2	CWB011081J	←	O
	45	HOLDER COUPLING	1	ACXH35-01450	←	
	46	NUT - TERMINAL COVER	1	CWH7080300J	←	
	47	CABINET TOP PLATE	1	CWE031230A	←	

SAFETY	NO.	DESCRIPTION & NAME	Q'TY	CU-2TZ41TBE	CU-2TZ50TBE	REMARK
	48	CABINET FRONT PLATE CO.	1	ACXE06C03150	←	
	49	CABINET SIDE PLATE CO.	1	ACXE04C05760	←	
	50	CABINET SIDE PLATE (LEFT)	1	CWE041858A	←	
	51	CONTROL BOARD COVER - COMPLETE	1	ACXH13C04680	←	
	52	SENSOR - COMPLETE (LIQUID PIPE TEMP CN-TH3)	1	ACXA50C14090	←	O
	53	WIRE NET	1	ACXD04-00040A	←	
	54	BAG - COMPLETE	1	CWG87C900	←	
	55	SCREW - FAN MOTOR BRACKET	2	CWH551217	←	
	56	SCREW - FAN MOTOR MOUNT	4	CWH55252J	←	
	57	PLATE - CONTROL BOARD COVER TERMINAL	1	CWH131595	←	
	62	INSTALLATION INSTRUCTION	1	ACXF60-29180	←	
	63	INSTALLATION INSTRUCTION	1	ACXF60-29190	←	
	64	INSTALLATION INSTRUCTION	1	ACXF60-29200	←	
	65	INSTALLATION INSTRUCTION	1	ACXF60-29210	←	
	66	INSTALLATION INSTRUCTION	1	ACXF60-29220	←	
	67	INSTALLATION INSTRUCTION	1	ACXF60-29230	←	
	68	INSTALLATION INSTRUCTION	1	ACXF60-29240	←	
	69	INSTALLATION INSTRUCTION	1	ACXF60-29250	←	
	70	INSTALLATION INSTRUCTION	1	ACXF60-29260	←	
	71	INSTALLATION INSTRUCTION	1	ACXF60-29270	←	
	72	INSTALLATION INSTRUCTION	1	ACXF60-29280	←	
	81	PANASONIC BADGE	1	CWE373439	←	
	82	ELECT. CONT. (NOISE FILTER)	1	ACXA73-22700	←	
	83	FLEXIBLE PIPE (L-TUBE)	1	CWH5850080	←	
	84	PACKING L - TUBE	1	CWB81012	←	
	85	BAG	1	CWG861078	←	
	86	BASE BOARD COMPLETE	1	CWG62C1223	←	
	87	SHOCK ABSORBER (L)	1	CWG713779	←	
	88	SHOCK ABSORBER (R)	1	CWG713778	←	
	89	C.C. CASE	1	ACXG50-48861	←	
	90	MODEL LABEL	2	ACXF82-22620	ACXF82-22630	

(Note)

- All parts are supplied from PAPAMY, Malaysia (Vendor Code: 00029488).
- "O" marked parts are recommended to be kept in stock.

12.2 CU-3TZ52TBE



Note

The above exploded view is for the purpose of parts disassembly and replacement.
The non-numbered parts are not kept as standard service parts.

SAFETY	NO.	DESCRIPTION & NAME	Q'TY	CU-3TZ52TBE	REMARK
	1	CHASSIS COMPLETE	1	CWD52K1212	
	2	SOUND PROOF BOARD	1	CWH151194	
	3	FAN MOTOR BRACKET	1	CWD541127	
	4	SCREW - FAN MOTOR BRACKET	2	CWH551217	
	5	CONDENSER COMPLETE	1	ACXB32C11730	
	6	FAN MOTOR	1	EHDS80C60AC	O
	7	SCREW - FAN MOTOR MOUNT	4	CWH551323	
	8	PROPELLER FAN ASSY	1	CWH00K1006	
	9	NUT-PROPELLER FAN	1	CWH561092	
	10	COMPRESSOR	1	9KD184XAA21	O
	11	PACKING	3	CWB81043	
	12	ANTI - VIBRATION BUSHING	3	CWH50055	
	13	NUT - COMPRESSOR MOUNT	3	CWH561049	
	14	CRANKCASE HEATER	1	CWA341047	
	15	TUBE ASSY (CAPILLARY TUBE)	1	CWT01C4955	
	16	ACCUMULATOR	1	CWB131050	
	17	3 - WAY VALVE	1	CWB011601	O
	18	3 - WAY VALVE	1	CWB011602	O
	19	HOLDER COUPLING	1	CWH351258	
	20	STRAINER	1	CWB11061	
	21	STRAINER	3	CWB111024	
	22	EXPANSION VALVE	3	CWB051029	O
	23	4 - WAYS VALVE	1	CWB001026J	O
	24	DISCHARGE MUFFLER (4 W. VALVE)	2	ACXB12-00650	
	25	HEATING PRESSURE SWITCH	1	CWA101013	
	26	FLARE NUT (1/4)	3	CWT251030	
	27	FLARE NUT (3/8)	3	CWT251031	
	28	SOUND PROOF MATERIAL	1	CWG302246	
	29	SOUND PROOR MATERIAL	1	CWG302520	
	30	SOUND PROOR MATERIAL	1	CWG302521	
	31	SOUND PROOR MATERIAL	1	CWG302522	
	32	SENSOR COMPLETE - COMP TEMP (CN-DIS)	1	CWA50C2515	O
	33	V - COIL COMPLETE (4 - WAY VALVE)	1	CWA43C2169J	O
	34	V - COIL COMPLETE (E/VALVE - WHITE)	1	CWA43C2334	O
	35	V - COIL COMPLETE (E/VALVE - YELLOW)	1	CWA43C2335	O
	36	V - COIL COMPLETE (E/VALVE - BLUE)	1	CWA43C2336	O
	38	SENSOR - COMPLETE - DEF (CN-TH2)	1	CWA50C2625	O
	39	SENSOR - COMPLETE - OUTLET TEMP SENSOR	1	CWA50C2517	O
	40	SENSOR - COMPLETE (CN-TH4)	1	CWA50C2620	O
	41	SENSOR - COMPLETE (CN-TH3)	1	CWA50C2622	O
	43	ELECTRONIC CONTROLLER- MAIN	1	ACXA73C42180R	O
	44	ELECT CONTROLLER - NOISE FILTER	1	ACXA73-07870	O
	45	ELECT CONTROLLER (DISPLAY)	1	CWA745292	O
	47	REACTOR	2	G0C403J00002	O
	48	TERMINAL BOARD ASSY	1	CWA28K1195	O
	49	TERMINAL BOARD ASSY	3	CWA28K1196	O
	50	CONTROL BOARD COVER	1	CWH131333	

SAFETY	NO.	DESCRIPTION & NAME	Q'TY	CU-3TZ52TBE	REMARK
	52	CABINET TOP PLATE	1	CWE031083A	
	53	CONTROL BOARD COVER CO.	1	CWH13C1194	
	54	CABINET FRONT PLATE CO.	1	CWE06K1065	
	55	CABINET SIDE PLATE CO.	1	CWE041317A	
	56	CABINET SIDE PLATE	1	CWE041395A	
	57	WIRE NET	1	CWD041128A	
	58	HANDLE	1	CWE161010	
	59	TERMINAL COVER	1	CWH171035	
	60	NUT - TERMINAL COVER	1	CWH7080300J	
	61	INSTALLATION INSTRUCTION	1	ACXF60-27240	
	62	INSTALLATION INSTRUCTION	1	ACXF60-27250	
	63	INSTALLATION INSTRUCTION	1	ACXF60-27260	
	64	INSTALLATION INSTRUCTION	1	ACXF60-27270	
	65	INSTALLATION INSTRUCTION	1	ACXF60-27280	
	66	INSTALLATION INSTRUCTION	1	ACXF60-27290	
	67	INSTALLATION INSTRUCTION	1	ACXF60-27300	
	68	INSTALLATION INSTRUCTION	1	ACXF60-27310	
	69	INSTALLATION INSTRUCTION	1	ACXF60-27320	
	70	INSTALLATION INSTRUCTION	1	ACXF60-27330	
	71	INSTALLATION INSTRUCTION	1	ACXF60-27340	
	74	BAG-COMplete	1	CWG87C900	
	78	DISCHARGE MUFFLER	3	ACXB12-00610	
	80	FLEXIBLE PIPE (L - TUBE)	1	CWH5850080	
	81	PACKING - L.TUBE	1	CWB81012	
	82	PLATE - CONTROL BOARD COVER	1	CWH131364	
	84	PANASONIC BADGE	1	CWE373439	
	85	BAG	1	CWG861154	
	86	BASE BOARD COMPLETE	1	CWG62C1081	
	87	SHOCK ABSORBER (L)	1	CWG712880	
	88	SHOCK ABSORBER (R)	1	CWG712879	
	89	C.C. CASE	1	ACXG50-52321	
	90	MODEL LABEL	2	ACXF82-22650	

(Note)

- All parts are supplied from PAPAMY, Malaysia (Vendor Code: 00029488).
- "O" marked parts are recommended to be kept in stock.

Appendix 1

- Indoor Unit : Combination of all wall mount series CS-MTZ/TZ
- Outdoor Unit : CU-2TZ41TBE

Indoor unit capacity Cooling		Total	Cooling Capacity (kW)				Input Power (W)		EER		ANNUAL ENERGY CONSUMPTION (kWh)	Current, 230V (A)	ERP				MOISTURE REMOVAL VOLUME l/h
			Room A	Room B	Total	min ~ max	Rating	min ~ max	W/W	CLASS			Pdesign (kW)	SEER		Annual Consumption (kWh)	
														W/W	CLASS		
1 Room	1.6	1.6	1.60		1.60	1.1 ~ 2.3	450	240 ~ 650	3.56	A	225	2.15	-	-	-	-	1.0
	2.0	2.0	2.00		2.00	1.1 ~ 2.9	570	240 ~ 830	3.51	A	285	2.70	-	-	-	-	1.3
	2.5	2.5	2.50		2.50	1.1 ~ 3.5	720	240 ~ 1070	3.47	A	360	3.40	-	-	-	-	1.5
	3.5	3.5	3.50		3.50	1.1 ~ 4.0	1080	240 ~ 1300	3.24	A	540	5.05	-	-	-	-	2.0
2 Room	1.6 + 1.6	3.2	1.60	1.60	3.20	1.5 ~ 4.0	760	270 ~ 1080	4.21	A	380	3.50	3.20	7.10	A++	158	1.0 + 1.0
	1.6 + 2.0	3.6	1.60	2.00	3.60	1.5 ~ 4.5	860	270 ~ 1250	4.19	A	430	4.00	3.60	7.10	A++	177	1.0 + 1.3
	1.6 + 2.5	4.1	1.60	2.50	4.10	1.5 ~ 4.7	990	270 ~ 1380	4.14	A	495	4.60	4.10	7.10	A++	202	1.0 + 1.5
	1.6 + 3.5	5.1	1.30	2.80	4.10	1.5 ~ 4.7	990	270 ~ 1380	4.14	A	495	4.60	4.10	7.10	A++	202	0.8 + 1.6
	2.0 + 2.0	4.0	2.00	2.00	4.00	1.5 ~ 4.7	980	270 ~ 1380	4.08	A	490	4.55	4.00	7.10	A++	197	1.3 + 1.3
	2.0 + 2.5	4.5	1.80	2.30	4.10	1.5 ~ 4.7	990	270 ~ 1380	4.14	A	495	4.60	4.10	7.10	A++	202	1.2 + 1.5
	2.0 + 3.5	5.5	1.50	2.60	4.10	1.5 ~ 4.7	990	270 ~ 1380	4.14	A	495	4.60	4.10	7.10	A++	202	1.0 + 1.6
	2.5 + 2.5	5.0	2.05	2.05	4.10	1.5 ~ 4.7	990	270 ~ 1380	4.14	A	495	4.60	4.10	7.10	A++	202	1.3 + 1.3
	2.5 + 3.5	6.0	1.70	2.40	4.10	1.5 ~ 4.7	990	270 ~ 1380	4.14	A	495	4.60	4.10	7.10	A++	202	1.1 + 1.5

Indoor unit capacity Heating		Total	Heating Capacity (kW)				Input Power (W)		COP		ANNUAL ENERGY CONSUMPTION (kWh)	Current, 230V (A)	ERP				MOISTURE REMOVAL VOLUME l/h
			Room A	Room B	Total	min ~ max	Rating	min ~ max	W/W	CLASS			Pdesign (kW)	SCOP		Annual Consumption (kWh)	
														W/W	CLASS		
1 Room	1.6	1.6	2.60		2.60	0.7 ~ 3.8	760	180 ~ 1240	3.42	B	380	3.50	-	-	-	-	
	2.0	2.0	3.20		3.20	0.7 ~ 4.8	930	180 ~ 1570	3.44	B	465	4.30	-	-	-	-	
	2.5	2.5	3.60		3.60	0.7 ~ 5.5	1110	180 ~ 1880	3.24	C	555	5.15	-	-	-	-	
	3.5	3.5	4.30		4.30	0.7 ~ 6.2	1260	180 ~ 2000	3.41	B	630	5.85	-	-	-	-	
2 Room	1.6 + 1.6	3.2	2.20	2.20	4.40	1.1 ~ 6.3	1030	220 ~ 1800	4.27	A	515	4.75	3.20	4.30	A+	1041	
	1.6 + 2.0	3.6	1.95	2.45	4.40	1.1 ~ 6.3	990	220 ~ 1780	4.44	A	495	4.60	3.50	4.30	A+	1139	
	1.6 + 2.5	4.1	1.70	2.70	4.40	1.1 ~ 6.3	990	220 ~ 1780	4.44	A	495	4.60	3.50	4.30	A+	1139	
	1.6 + 3.5	5.1	1.40	3.00	4.40	1.1 ~ 6.3	990	220 ~ 1780	4.44	A	495	4.60	3.50	4.30	A+	1139	
	2.0 + 2.0	4.0	2.20	2.20	4.40	1.1 ~ 6.3	980	220 ~ 1760	4.49	A	490	4.55	3.50	4.30	A+	1139	
	2.0 + 2.5	4.5	1.95	2.45	4.40	1.1 ~ 6.3	980	220 ~ 1760	4.49	A	490	4.55	3.50	4.30	A+	1139	
	2.0 + 3.5	5.5	1.60	2.80	4.40	1.1 ~ 6.3	980	220 ~ 1760	4.49	A	490	4.55	3.50	4.30	A+	1139	
	2.5 + 2.5	5.0	2.20	2.20	4.40	1.1 ~ 6.3	980	220 ~ 1760	4.49	A	490	4.55	3.50	4.30	A+	1139	
	2.5 + 3.5	6.0	1.85	2.55	4.40	1.1 ~ 6.3	980	220 ~ 1760	4.49	A	490	4.55	3.50	4.30	A+	1139	

- Indoor Unit : Combination of all wall mount series CS-MTZ/TZ
- Outdoor Unit : CU-2TZ50TBE

Indoor unit capacity Cooling		Total	Cooling Capacity (kW)				Input Power (W)		EER		ANNUAL ENERGY CONSUMPTION (kWh)	Current, 230V (A)	ERP				MOISTURE REMOVAL VOLUME l/h
			Room A	Room B	Total	min ~ max	Rating	min ~ max	W/W	CLASS			Pdesign (kW)	SEER		Annual Consumption (kWh)	
														W/W	CLASS		
1 Room	1.6	1.6	1.60		1.60	1.1 ~ 2.3	450	240 ~ 650	3.56	A	225	2.15	-	-	-	-	1.0
	2.0	2.0	2.00		2.00	1.1 ~ 2.9	570	240 ~ 830	3.51	A	285	2.70	-	-	-	-	1.3
	2.5	2.5	2.50		2.50	1.1 ~ 3.5	720	240 ~ 1070	3.47	A	360	3.40	-	-	-	-	1.5
	3.5	3.5	3.50		3.50	1.1 ~ 4.0	1080	240 ~ 1300	3.24	A	540	5.05	-	-	-	-	2.0
	4.2	4.2	4.20		4.20	1.1 ~ 4.5	1450	240 ~ 1600	2.90	C	725	6.80	-	-	-	-	2.4
	5.0	5.0	5.00		5.00	1.2 ~ 5.1	1800	250 ~ 1900	2.78	D	900	8.30	-	-	-	-	2.7
2 Room	1.6 + 1.6	3.2	1.60	1.60	3.20	1.5 ~ 4.0	760	270 ~ 1080	4.21	A	380	3.50	3.20	7.00	A++	160	1.0 + 1.0
	1.6 + 2.0	3.6	1.60	2.00	3.60	1.5 ~ 4.5	860	270 ~ 1250	4.19	A	430	4.00	3.60	7.00	A++	180	1.0 + 1.3
	1.6 + 2.5	4.1	1.60	2.50	4.10	1.5 ~ 5.2	990	270 ~ 1480	4.14	A	495	4.60	4.10	7.00	A++	205	1.0 + 1.5
	1.6 + 3.5	5.1	1.55	3.45	5.00	1.5 ~ 5.2	1300	270 ~ 1480	3.85	A	650	6.00	5.00	7.00	A++	250	1.0 + 2.0
	1.6 + 4.2	5.8	1.40	3.60	5.00	1.5 ~ 5.4	1300	270 ~ 1620	3.85	A	650	6.00	5.00	7.00	A++	250	0.9 + 2.1
	1.6 + 5.0	6.6	1.20	3.80	5.00	1.5 ~ 5.4	1300	270 ~ 1620	3.85	A	650	6.00	5.00	7.00	A++	250	0.7 + 2.2
	2.0 + 2.0	4.0	2.00	2.00	4.00	1.5 ~ 5.0	980	270 ~ 1420	4.08	A	490	4.55	4.00	7.00	A++	200	1.3 + 1.3
	2.0 + 2.5	4.5	2.00	2.50	4.50	1.5 ~ 5.2	1140	270 ~ 1480	3.95	A	570	5.25	4.50	7.00	A++	225	1.3 + 1.5
	2.0 + 3.5	5.5	1.80	3.20	5.00	1.5 ~ 5.4	1300	270 ~ 1620	3.85	A	650	6.00	5.00	7.00	A++	250	1.2 + 1.8
	2.0 + 4.2	6.2	1.60	3.40	5.00	1.5 ~ 5.4	1300	270 ~ 1620	3.85	A	650	6.00	5.00	7.00	A++	250	1.0 + 1.9
	2.0 + 5.0	7.0	1.45	3.55	5.00	1.5 ~ 5.4	1300	270 ~ 1620	3.85	A	650	6.00	5.00	7.00	A++	250	0.9 + 2.1
	2.5 + 2.5	5.0	2.50	2.50	5.00	1.5 ~ 5.4	1300	270 ~ 1620	3.85	A	650	6.00	5.00	7.00	A++	250	1.5 + 1.5
	2.5 + 3.5	6.0	2.10	2.90	5.00	1.5 ~ 5.4	1300	270 ~ 1620	3.85	A	650	6.00	5.00	7.00	A++	250	1.4 + 1.7
	2.5 + 4.2	6.7	1.85	3.15	5.00	1.5 ~ 5.4	1300	270 ~ 1620	3.85	A	650	6.00	5.00	7.00	A++	250	1.2 + 1.8
	2.5 + 5.0	7.5	1.65	3.35	5.00	1.5 ~ 5.4	1300	270 ~ 1620	3.85	A	650	6.00	5.00	7.00	A++	250	1.1 + 1.9
	3.5 + 3.5	7.0	2.50	2.50	5.00	1.5 ~ 5.4	1300	270 ~ 1620	3.85	A	650	6.00	5.00	7.00	A++	250	1.5 + 1.5
	3.5 + 4.2	7.7	2.25	2.75	5.00	1.5 ~ 5.4	1300	270 ~ 1620	3.85	A	650	6.00	5.00	7.00	A++	250	1.5 + 1.6

Indoor unit capacity Heating		Total	Heating Capacity (kW)				Input Power (W)		COP		ANNUAL ENERGY CONSUMPTION (kWh)	Current, 230V (A)	ERP				MOISTURE REMOVAL VOLUME l/h
			Room A	Room B	Total	min ~ max	Rating	min ~ max	W/W	CLASS			Pdesign (kW)	SCOP		Annual Consumption (kWh)	
														W/W	CLASS		
1 Room	1.6	1.6	2.60		2.60	0.7 ~ 3.8	760	180 ~ 1240	3.42	B	380	3.50	-	-	-	-	
	2.0	2.0	3.20		3.20	0.7 ~ 4.8	930	180 ~ 1570	3.44	B	465	4.30	-	-	-	-	
	2.5	2.5	3.60		3.60	0.7 ~ 5.5	1110	180 ~ 1880	3.24	C	555	5.15	-	-	-	-	
	3.5	3.5	4.50		4.50	0.7 ~ 6.2	1340	180 ~ 2000	3.36	C	670	6.20	-	-	-	-	
	4.2	4.2	5.00		5.00	1.1 ~ 6.3	1720	220 ~ 2350	2.91	D	860	7.95	-	-	-	-	
	5.0	5.0	5.30		5.30	1.1 ~ 6.3	1810	220 ~ 2330	2.93	D	905	8.35	-	-	-	-	
2 Room	1.6 + 1.6	3.2	2.65	2.65	5.30	1.1 ~ 6.3	1230	220 ~ 1800	4.31	A	615	5.65	4.00	4.20	A+	1333	
	1.6 + 2.0	3.6	2.45	3.05	5.50	1.1 ~ 6.3	1280	220 ~ 1780	4.30	A	640	5.85	4.20	4.20	A+	1400	
	1.6 + 2.5	4.1	2.15	3.35	5.50	1.1 ~ 6.3	1280	220 ~ 1780	4.30	A	640	5.85	4.20	4.20	A+	1400	
	1.6 + 3.5	5.1	1.75	3.75	5.50	1.1 ~ 6.3	1280	220 ~ 1780	4.30	A	640	5.85	4.20	4.20	A+	1400	
	1.6 + 4.2	5.8	1.55	4.15	5.70	1.1 ~ 6.4	1310	220 ~ 1770	4.35	A	655	6.00	4.50	4.20	A+	1500	
	1.6 + 5.0	6.6	1.40	4.30	5.70	1.1 ~ 6.4	1310	220 ~ 1770	4.35	A	655	6.00	4.50	4.20	A+	1500	
	2.0 + 2.0	4.0	2.75	2.75	5.50	1.1 ~ 6.3	1270	220 ~ 1760	4.33	A	635	5.80	4.20	4.20	A+	1400	
	2.0 + 2.5	4.5	2.45	3.05	5.50	1.1 ~ 6.3	1270	220 ~ 1760	4.33	A	635	5.80	4.20	4.20	A+	1400	
	2.0 + 3.5	5.5	2.05	3.65	5.70	1.1 ~ 6.4	1310	220 ~ 1770	4.35	A	655	6.00	4.50	4.20	A+	1500	
	2.0 + 4.2	6.2	1.85	3.85	5.70	1.1 ~ 6.4	1310	220 ~ 1770	4.35	A	655	6.00	4.50	4.20	A+	1500	
	2.0 + 5.0	7.0	1.65	4.05	5.70	1.1 ~ 6.4	1310	220 ~ 1770	4.35	A	655	6.00	4.50	4.20	A+	1500	
	2.5 + 2.5	5.0	2.85	2.85	5.70	1.1 ~ 6.4	1310	220 ~ 1770	4.35	A	655	6.00	4.50	4.20	A+	1500	
	2.5 + 3.5	6.0	2.35	3.35	5.70	1.1 ~ 6.4	1310	220 ~ 1770	4.35	A	655	6.00	4.50	4.20	A+	1500	
	2.5 + 4.2	6.7	2.15	3.55	5.70	1.1 ~ 6.4	1310	220 ~ 1770	4.35	A	655	6.00	4.50	4.20	A+	1500	
	2.5 + 5.0	7.5	1.90	3.80	5.70	1.1 ~ 6.4	1310	220 ~ 1770	4.35	A	655	6.00	4.50	4.20	A+	1500	
	3.5 + 3.5	7.0	2.85	2.85	5.70	1.1 ~ 6.4	1310	220 ~ 1770	4.35	A	655	6.00	4.50	4.20	A+	1500	
	3.5 + 4.2	7.7	2.60	3.10	5.70	1.1 ~ 6.4	1310	220 ~ 1770	4.35	A	655	6.00	4.50	4.20	A+	1500	

- Indoor Unit : Combination of all wall mount series (CS-MTZ / TZ / TE)
- Outdoor Unit : CU-3TZ52TBE

Indoor unit capacity Cooling		Total	Cooling Capacity (kW)						Input Power (W)		EER	
			Room A	Room B			Total	min - max	Rating	min - max	W/W	CLASS
1 Room	1.6	1.6	1.60				1.60	1.3 ~ 2.3	420	250 ~ 660	3.81	A
	2.0	2.0	2.00				2.00	1.8 ~ 2.9	520	340 ~ 830	3.85	A
	2.5	2.5	2.50				2.50	1.8 ~ 2.9	650	340 ~ 830	3.85	A
	3.5	3.5	3.50				3.50	1.8 ~ 3.8	960	340 ~ 1380	3.65	A
	4.2	4.2	4.20				4.20	1.8 ~ 4.3	1390	340 ~ 2010	3.02	B
	5.0	5.0	5.00				5.00	1.9 ~ 5.7	1570	340 ~ 2150	3.18	B
	5.0*	5.0	5.00				5.00	1.9 ~ 5.4	1630	340 ~ 2150	3.07	B
Note: Refer to 5.0* if the indoor is 1R CS-TZ50WKEW												
2 Room	1.6 + 1.6	3.2	1.60	1.60			3.20	1.8 ~ 6.2	630	330 ~ 2130	5.08	A
	1.6 + 2.0	3.6	1.60	2.00			3.60	1.8 ~ 6.2	770	330 ~ 2090	4.68	A
	1.6 + 2.5	4.1	1.60	2.50			4.10	1.8 ~ 6.2	920	330 ~ 2090	4.46	A
	1.6 + 3.5	5.1	1.60	3.50			5.10	1.8 ~ 6.3	1350	330 ~ 2100	3.78	A
	1.6 + 4.2	5.8	1.43	3.77			5.20	1.9 ~ 6.4	1390	350 ~ 2140	3.74	A
	1.6 + 5.0	6.6	1.26	3.94			5.20	1.9 ~ 6.4	1210	340 ~ 1820	4.30	A
	2.0 + 2.0	4.0	2.00	2.00			4.00	1.8 ~ 6.2	890	330 ~ 2050	4.49	A
	2.0 + 2.5	4.5	2.00	2.50			4.50	1.8 ~ 6.2	1080	330 ~ 2050	4.17	A
	2.0 + 3.5	5.5	1.89	3.31			5.20	1.8 ~ 6.3	1390	330 ~ 2060	3.74	A
	2.0 + 4.2	6.2	1.68	3.52			5.20	1.9 ~ 6.4	1360	350 ~ 2100	3.82	A
	2.0 + 5.0	7.0	1.49	3.71			5.20	1.9 ~ 6.4	1210	340 ~ 1820	4.30	A
	2.5 + 2.5	5.0	2.50	2.50			5.00	1.8 ~ 6.2	1320	330 ~ 2050	3.79	A
	2.5 + 3.5	6.0	2.17	3.03			5.20	1.9 ~ 6.3	1390	350 ~ 2060	3.74	A
	2.5 + 4.2	6.7	1.94	3.26			5.20	1.9 ~ 6.4	1360	350 ~ 2100	3.82	A
	2.5 + 5.0	7.5	1.73	3.47			5.20	1.9 ~ 6.4	1210	340 ~ 1820	4.30	A
	3.5 + 3.5	7.0	2.60	2.60			5.20	1.9 ~ 6.4	1320	350 ~ 2060	3.94	A
	3.5 + 4.2	7.7	2.36	2.84			5.20	1.9 ~ 6.4	1320	350 ~ 2060	3.94	A
	3.5 + 5.0	8.5	2.14	3.06			5.20	1.9 ~ 6.4	1170	360 ~ 1730	4.44	A
	4.2 + 4.2	8.4	2.60	2.60			5.20	1.9 ~ 6.4	1320	350 ~ 2020	3.94	A
	4.2 + 5.0	9.2	2.37	2.83			5.20	1.9 ~ 6.4	1170	360 ~ 1730	4.44	A
3 Room	1.6 + 1.6 + 1.6	4.8	1.60	1.60	1.60		4.80	1.8 ~ 6.6	1010	360 ~ 1790	4.75	A
	1.6 + 1.6 + 2.0	5.2	1.60	1.60	2.00		5.20	1.8 ~ 6.6	1150	360 ~ 1800	4.52	A
	1.6 + 1.6 + 2.5	5.7	1.46	1.46	2.28		5.20	1.9 ~ 6.6	1150	390 ~ 1800	4.52	A
	1.6 + 1.6 + 3.5	6.7	1.24	1.24	2.72		5.20	1.9 ~ 6.6	1150	390 ~ 1750	4.52	A
	1.6 + 1.6 + 4.2	7.4	1.12	1.12	2.96		5.20	1.8 ~ 6.6	1150	390 ~ 1710	4.52	A
	1.6 + 1.6 + 5.0	8.2	1.01	1.01	3.18		5.20	1.8 ~ 6.6	1070	420 ~ 1590	4.86	A
	1.6 + 2.0 + 2.0	5.6	1.48	1.86	1.86		5.20	1.9 ~ 6.6	1150	390 ~ 1750	4.52	A
	1.6 + 2.0 + 2.5	6.1	1.36	1.70	2.14		5.20	1.9 ~ 6.6	1150	390 ~ 1750	4.52	A
	1.6 + 2.0 + 3.5	7.1	1.17	1.46	2.57		5.20	1.9 ~ 6.6	1150	390 ~ 1710	4.52	A
	1.6 + 2.0 + 4.2	7.8	1.07	1.33	2.80		5.20	1.8 ~ 6.6	1150	390 ~ 1710	4.52	A
	1.6 + 2.0 + 5.0	8.6	0.97	1.21	3.02		5.20	1.8 ~ 6.6	1070	420 ~ 1590	4.86	A
	1.6 + 2.5 + 2.5	6.6	1.26	1.97	1.97		5.20	1.9 ~ 6.6	1150	390 ~ 1750	4.52	A
	1.6 + 2.5 + 3.5	7.6	1.09	1.71	2.40		5.20	1.8 ~ 6.6	1150	390 ~ 1710	4.52	A
	1.6 + 2.5 + 4.2	8.3	1.00	1.57	2.63		5.20	1.8 ~ 6.6	1150	390 ~ 1710	4.52	A
	1.6 + 2.5 + 5.0	9.1	0.91	1.43	2.86		5.20	1.8 ~ 6.6	1070	420 ~ 1590	4.86	A
	1.6 + 3.5 + 3.5	8.6	0.96	2.12	2.12		5.20	1.8 ~ 6.6	1110	390 ~ 1710	4.68	A
	1.6 + 3.5 + 4.2	9.3	0.89	1.96	2.35		5.20	1.8 ~ 6.6	1110	390 ~ 1670	4.68	A
	2.0 + 2.0 + 2.0	6.0	1.73	1.73	1.73		5.19	1.9 ~ 6.6	1150	390 ~ 1750	4.51	A
	2.0 + 2.0 + 2.5	6.5	1.60	1.60	2.00		5.20	1.9 ~ 6.6	1150	390 ~ 1750	4.52	A
	2.0 + 2.0 + 3.5	7.5	1.39	1.39	2.42		5.20	1.9 ~ 6.6	1110	390 ~ 1710	4.68	A
	2.0 + 2.0 + 4.2	8.2	1.27	1.27	2.66		5.20	1.8 ~ 6.6	1110	390 ~ 1710	4.68	A
	2.0 + 2.0 + 5.0	9.0	1.16	1.16	2.88		5.20	1.8 ~ 6.6	1070	420 ~ 1590	4.86	A
	2.0 + 2.5 + 2.5	7.0	1.48	1.86	1.86		5.20	1.9 ~ 6.6	1150	390 ~ 1750	4.52	A
	2.0 + 2.5 + 3.5	8.0	1.29	1.63	2.28		5.20	1.9 ~ 6.6	1110	390 ~ 1710	4.68	A
	2.0 + 2.5 + 4.2	8.7	1.20	1.49	2.51		5.20	1.8 ~ 6.6	1110	390 ~ 1710	4.68	A
	2.0 + 2.5 + 5.0	9.5	1.09	1.37	2.74		5.20	1.8 ~ 6.6	1070	420 ~ 1590	4.86	A
	2.0 + 3.5 + 3.5	9.0	1.16	2.02	2.02		5.20	1.8 ~ 6.6	1110	390 ~ 1670	4.68	A
	2.5 + 2.5 + 2.5	7.5	1.73	1.73	1.73		5.19	1.9 ~ 6.6	1150	390 ~ 1750	4.51	A
	2.5 + 2.5 + 3.5	8.5	1.53	1.53	2.14		5.20	1.9 ~ 6.6	1110	390 ~ 1710	4.68	A
	2.5 + 2.5 + 4.2	9.2	1.41	1.41	2.38		5.20	1.8 ~ 6.6	1110	390 ~ 1710	4.68	A
	2.5 + 3.5 + 3.5	9.5	1.36	1.92	1.92		5.20	1.8 ~ 6.6	1110	390 ~ 1670	4.68	A

Indoor unit capacity Cooling		Annual Energy Consumption (kWh)	Current 230V (A)	ERP				Moisture Removal Volume l/h
				Pdesign (kW)	SEER		Annual Consumption (kWh)	
					W/W	CLASS		
1 Room	1.6	210	2.1	-	-	-	-	1.0
	2.0	260	2.6	-	-	-	-	1.3
	2.5	325	3.1	-	-	-	-	1.5
	3.5	480	4.3	-	-	-	-	2.0
	4.2	695	6.2	-	-	-	-	2.4
	5.0	785	6.9	-	-	-	-	2.7
	5.0*	815	7.6	-	-	-	-	2.7
	Note: Refer to 5.0* if the indoor is 1R CS-TZ50WKEW							
2 Room	1.6 + 1.6	315	3.1	3.20	6.10	A++	184	1.0 + 1.0
	1.6 + 2.0	385	3.7	3.60	6.10	A++	207	1.0 + 1.3
	1.6 + 2.5	460	4.3	4.10	6.10	A++	235	1.0 + 1.5
	1.6 + 3.5	675	6.2	5.10	6.10	A++	293	1.0 + 2.0
	1.6 + 4.2	695	6.4	5.20	6.10	A++	298	0.9 + 2.2
	1.6 + 5.0	605	5.6	5.20	6.50	A++	280	0.8 + 2.3
	2.0 + 2.0	445	4.2	4.00	6.10	A++	230	1.3 + 1.3
	2.0 + 2.5	540	5.0	4.50	6.10	A++	258	1.3 + 1.5
	2.0 + 3.5	695	6.4	5.20	6.10	A++	298	1.2 + 1.9
	2.0 + 4.2	680	6.2	5.20	6.10	A++	298	1.1 + 2.0
	2.0 + 5.0	605	5.6	5.20	6.50	A++	280	0.9 + 2.2
	2.5 + 2.5	660	6.0	5.00	6.10	A++	287	1.5 + 1.5
	2.5 + 3.5	695	6.4	5.20	6.10	A++	298	1.4 + 1.7
	2.5 + 4.2	680	6.2	5.20	6.10	A++	298	1.3 + 1.9
	2.5 + 5.0	605	5.6	5.20	6.50	A++	280	1.1 + 2.0
	3.5 + 3.5	660	6.0	5.20	6.10	A++	298	1.6 + 1.6
	3.5 + 4.2	660	6.0	5.20	6.10	A++	298	1.5 + 1.7
	3.5 + 5.0	585	5.4	5.20	6.50	A++	280	1.4 + 1.7
3 Room	4.2 + 4.2	660	6.0	5.20	6.10	A++	298	1.6 + 1.6
	4.2 + 5.0	585	5.4	5.20	6.50	A++	280	1.5 + 1.7
	1.6 + 1.6 + 1.6	505	4.7	4.80	7.60	A++	221	1.0 + 1.0 + 1.0
	1.6 + 1.6 + 2.0	575	5.3	5.20	7.60	A++	239	1.0 + 1.0 + 1.3
	1.6 + 1.6 + 2.5	575	5.3	5.20	7.60	A++	239	0.9 + 0.9 + 1.5
	1.6 + 1.6 + 3.5	575	5.3	5.20	7.60	A++	239	0.8 + 0.8 + 1.6
	1.6 + 1.6 + 4.2	575	5.3	5.20	7.60	A++	239	0.7 + 0.7 + 1.7
	1.6 + 1.6 + 5.0	535	4.9	5.20	7.60	A++	239	0.7 + 0.7 + 1.8
	1.6 + 2.0 + 2.0	575	5.3	5.20	7.60	A++	239	0.9 + 1.2 + 1.2
	1.6 + 2.0 + 2.5	575	5.3	5.20	7.60	A++	239	0.9 + 1.1 + 1.4
	1.6 + 2.0 + 3.5	575	5.3	5.20	7.60	A++	239	0.7 + 0.9 + 1.6
	1.6 + 2.0 + 4.2	575	5.3	5.20	7.60	A++	239	0.7 + 0.8 + 1.6
	1.6 + 2.0 + 5.0	535	4.9	5.20	7.60	A++	239	0.7 + 0.8 + 1.7
	1.6 + 2.5 + 2.5	575	5.3	5.20	7.60	A++	239	0.8 + 1.3 + 1.3
	1.6 + 2.5 + 3.5	575	5.3	5.20	7.60	A++	239	0.7 + 1.1 + 1.5
	1.6 + 2.5 + 4.2	575	5.3	5.20	7.60	A++	239	0.7 + 1.0 + 1.6
	1.6 + 2.5 + 5.0	535	4.9	5.20	7.60	A++	239	0.7 + 0.9 + 1.7
	1.6 + 3.5 + 3.5	555	5.1	5.20	7.60	A++	239	0.7 + 1.4 + 1.4
	1.6 + 3.5 + 4.2	555	5.1	5.20	7.60	A++	239	0.7 + 1.3 + 1.5
	2.0 + 2.0 + 2.0	575	5.3	5.19	7.60	A++	239	1.1 + 1.1 + 1.1
	2.0 + 2.0 + 2.5	575	5.3	5.20	7.60	A++	239	1.0 + 1.0 + 1.3
	2.0 + 2.0 + 3.5	555	5.1	5.20	7.60	A++	239	0.9 + 0.9 + 1.5
	2.0 + 2.0 + 4.2	555	5.1	5.20	7.60	A++	239	0.8 + 0.8 + 1.6
	2.0 + 2.0 + 5.0	535	4.9	5.20	7.60	A++	239	0.7 + 0.7 + 1.7
	2.0 + 2.5 + 2.5	575	5.3	5.20	7.60	A++	239	0.9 + 1.2 + 1.2
	2.0 + 2.5 + 3.5	555	5.1	5.20	7.60	A++	239	0.8 + 1.0 + 1.5
	2.0 + 2.5 + 4.2	555	5.1	5.20	7.60	A++	239	0.7 + 0.9 + 1.5
	2.0 + 2.5 + 5.0	535	4.9	5.20	7.60	A++	239	0.7 + 0.9 + 1.6
	2.0 + 3.5 + 3.5	555	5.1	5.20	7.60	A++	239	0.7 + 1.3 + 1.3
	2.5 + 2.5 + 2.5	575	5.3	5.19	7.60	A++	239	1.1 + 1.1 + 1.1
	2.5 + 2.5 + 3.5	555	5.1	5.20	7.60	A++	239	1.0 + 1.0 + 1.4
	2.5 + 2.5 + 4.2	555	5.1	5.20	7.60	A++	239	0.9 + 0.9 + 1.5
	2.5 + 3.5 + 3.5	555	5.1	5.20	7.60	A++	239	0.9 + 1.2 + 1.2

Indoor unit capacity Heating		Total	Heating Capacity (kW)						Input Power (W)		COP	
			Room A	Room B			Total	min ~ max	Rating	min ~ max	W/W	CLASS
1 Room	1.6	1.6	2.60				2.60	1.2 ~ 3.2	640	300 ~ 1000	4.06	A
	2.0	2.0	3.20				3.20	1.2 ~ 4.1	780	300 ~ 1270	4.10	A
	2.5	2.5	3.60				3.60	1.2 ~ 4.3	980	300 ~ 1270	3.67	A
	3.5	3.5	4.50				4.50	1.2 ~ 5.8	1270	300 ~ 2140	3.54	B
	4.2	4.2	5.60				5.60	1.2 ~ 6.8	1760	300 ~ 2970	3.18	D
	5.0	5.0	6.80				6.80	1.2 ~ 6.9	2140	300 ~ 2560	3.18	D
	5.0*	5.0	6.80				6.80	1.2 ~ 6.9	2350	300 ~ 2840	2.89	D
Note: Refer to 5.0* if the indoor is 1R CS-TZ50WKEW												
2 Room	1.6 + 1.6	3.2	2.60	2.60			5.20	1.4 ~ 7.0	1340	340 ~ 2070	3.88	A
	1.6 + 2.0	3.6	2.58	3.22			5.80	1.4 ~ 7.0	1520	330 ~ 2030	3.82	A
	1.6 + 2.5	4.1	2.42	3.78			6.20	1.4 ~ 7.0	1650	330 ~ 2030	3.76	A
	1.6 + 3.5	5.1	2.13	4.67			6.80	1.4 ~ 7.3	1830	290 ~ 2130	3.72	A
	1.6 + 4.2	5.8	1.88	4.92			6.80	1.4 ~ 7.3	1790	310 ~ 2120	3.80	A
	1.6 + 5.0	6.6	1.65	5.15			6.80	1.4 ~ 7.5	1640	270 ~ 2000	4.15	A
	2.0 + 2.0	4.0	3.20	3.20			6.40	1.4 ~ 7.0	1710	320 ~ 2030	3.74	A
	2.0 + 2.5	4.5	3.02	3.78			6.80	1.4 ~ 7.0	1840	290 ~ 2030	3.70	A
	2.0 + 3.5	5.5	2.47	4.33			6.80	1.4 ~ 7.3	1790	280 ~ 2120	3.80	A
	2.0 + 4.2	6.2	2.19	4.61			6.80	1.4 ~ 7.3	1780	300 ~ 2080	3.82	A
	2.0 + 5.0	7.0	1.94	4.86			6.80	1.4 ~ 7.5	1640	270 ~ 2000	4.15	A
	2.5 + 2.5	5.0	3.40	3.40			6.80	1.4 ~ 7.0	1840	290 ~ 2030	3.70	A
	2.5 + 3.5	6.0	2.83	3.97			6.80	1.4 ~ 7.3	1790	280 ~ 2120	3.80	A
	2.5 + 4.2	6.7	2.54	4.26			6.80	1.4 ~ 7.3	1780	280 ~ 2080	3.82	A
	2.5 + 5.0	7.5	2.27	4.53			6.80	1.4 ~ 7.5	1640	240 ~ 2000	4.15	A
	3.5 + 3.5	7.0	3.40	3.40			6.80	1.4 ~ 7.5	1770	270 ~ 2140	3.84	A
	3.5 + 4.2	7.7	3.09	3.71			6.80	1.4 ~ 7.5	1770	260 ~ 2140	3.84	A
	3.5 + 5.0	8.5	2.80	4.00			6.80	1.4 ~ 7.5	1620	240 ~ 1970	4.20	A
3 Room	4.2 + 4.2	8.4	3.40	3.40			6.80	1.4 ~ 7.5	1730	260 ~ 2130	3.93	A
	4.2 + 5.0	9.2	3.10	3.70			6.80	1.4 ~ 7.5	1610	240 ~ 1970	4.22	A
	1.6 + 1.6 + 1.6	4.8	2.26	2.26	2.26		6.78	1.5 ~ 7.5	1600	290 ~ 1950	4.24	A
	1.6 + 1.6 + 2.0	5.2	2.09	2.09	2.62		6.80	1.6 ~ 7.5	1590	320 ~ 1940	4.28	A
	1.6 + 1.6 + 2.5	5.7	1.91	1.91	2.98		6.80	1.6 ~ 7.5	1590	320 ~ 1940	4.28	A
	1.6 + 1.6 + 3.5	6.7	1.62	1.62	3.56		6.80	1.6 ~ 7.5	1570	340 ~ 1920	4.33	A
	1.6 + 1.6 + 4.2	7.4	1.47	1.47	3.86		6.80	1.6 ~ 7.5	1570	310 ~ 1910	4.33	A
	1.6 + 1.6 + 5.0	8.2	1.33	1.33	4.14		6.80	1.6 ~ 7.5	1460	330 ~ 1790	4.66	A
	1.6 + 2.0 + 2.0	5.6	1.94	2.43	2.43		6.80	1.6 ~ 7.5	1580	310 ~ 1930	4.30	A
	1.6 + 2.0 + 2.5	6.1	1.78	2.23	2.79		6.80	1.6 ~ 7.5	1580	310 ~ 1930	4.30	A
	1.6 + 2.0 + 3.5	7.1	1.53	1.92	3.35		6.80	1.6 ~ 7.5	1570	340 ~ 1910	4.33	A
	1.6 + 2.0 + 4.2	7.8	1.39	1.74	3.67		6.80	1.6 ~ 7.5	1560	310 ~ 1900	4.36	A
	1.6 + 2.0 + 5.0	8.6	1.27	1.58	3.95		6.80	1.6 ~ 7.5	1450	340 ~ 1780	4.69	A
	1.6 + 2.5 + 2.5	6.6	1.64	2.58	2.58		6.80	1.6 ~ 7.5	1580	310 ~ 1930	4.30	A
	1.6 + 2.5 + 3.5	7.6	1.43	2.24	3.13		6.80	1.6 ~ 7.5	1570	340 ~ 1910	4.33	A
	1.6 + 2.5 + 4.2	8.3	1.31	2.05	3.44		6.80	1.6 ~ 7.5	1560	310 ~ 1900	4.36	A
	1.6 + 2.5 + 5.0	9.1	1.19	1.87	3.74		6.80	1.6 ~ 7.5	1450	340 ~ 1780	4.69	A
	1.6 + 3.5 + 3.5	8.6	1.26	2.77	2.77		6.80	1.6 ~ 7.5	1550	320 ~ 1890	4.39	A
	1.6 + 3.5 + 4.2	9.3	1.17	2.56	3.07		6.80	1.6 ~ 7.5	1540	320 ~ 1880	4.42	A
	2.0 + 2.0 + 2.0	6.0	2.26	2.26	2.26		6.78	1.6 ~ 7.5	1580	310 ~ 1930	4.29	A
	2.0 + 2.0 + 2.5	6.5	2.09	2.09	2.62		6.80	1.6 ~ 7.5	1580	310 ~ 1930	4.30	A
	2.0 + 2.0 + 3.5	7.5	1.81	1.81	3.18		6.80	1.6 ~ 7.5	1560	340 ~ 1900	4.36	A
	2.0 + 2.0 + 4.2	8.2	1.66	1.66	3.48		6.80	1.6 ~ 7.5	1550	320 ~ 1900	4.39	A
	2.0 + 2.0 + 5.0	9.0	1.51	1.51	3.78		6.80	1.6 ~ 7.5	1450	340 ~ 1770	4.69	A
	2.0 + 2.5 + 2.5	7.0	1.94	2.43	2.43		6.80	1.6 ~ 7.5	1580	310 ~ 1930	4.30	A
	2.0 + 2.5 + 3.5	8.0	1.69	2.13	2.98		6.80	1.6 ~ 7.5	1560	340 ~ 1900	4.36	A
	2.0 + 2.5 + 4.2	8.7	1.56	1.95	3.29		6.80	1.6 ~ 7.5	1550	320 ~ 1900	4.39	A
	2.0 + 2.5 + 5.0	9.5	1.43	1.79	3.58		6.80	1.6 ~ 7.5	1450	340 ~ 1770	4.69	A
	2.0 + 3.5 + 3.5	9.0	1.52	2.64	2.64		6.80	1.6 ~ 7.5	1540	320 ~ 1880	4.42	A
	2.5 + 2.5 + 2.5	7.5	2.26	2.26	2.26		6.78	1.6 ~ 7.5	1580	310 ~ 1930	4.29	A
	2.5 + 2.5 + 3.5	8.5	2.00	2.00	2.80		6.80	1.6 ~ 7.5	1560	310 ~ 1900	4.36	A
	2.5 + 2.5 + 4.2	9.2	1.85	1.85	3.10		6.80	1.6 ~ 7.5	1550	680 ~ 1900	4.39	A
	2.5 + 3.5 + 3.5	9.5	1.78	2.51	2.51		6.80	1.6 ~ 7.5	1540	680 ~ 1880	4.42	A

Indoor unit capacity Heating		Annual Energy Consumption (kWh)	Current 230V (A)	ERP				Moisture Removal Volume l/h
				Pdesign (kW)	SEER		Annual Consumption (kWh)	
					W/W	CLASS		
1 Room	1.6	320	3.1	-	-	-	-	
	2.0	390	3.8	-	-	-	-	
	2.5	490	4.7	-	-	-	-	
	3.5	635	6.0	-	-	-	-	
	4.2	880	7.8	-	-	-	-	
	5.0	1070	9.4	-	-	-	-	
	5.0*	1175	10.8	-	-	-	-	
Note: Refer to 5.0* if the indoor is 1R CS-TZ50WKEW								
2 Room	1.6 + 1.6	670	6.1	3.60	3.80	A	1326	
	1.6 + 2.0	760	6.9	3.60	3.80	A	1326	
	1.6 + 2.5	825	7.5	4.20	3.80	A	1547	
	1.6 + 3.5	915	8.3	4.80	3.80	A	1768	
	1.6 + 4.2	895	8.1	4.80	3.80	A	1768	
	1.6 + 5.0	820	7.5	4.80	4.00	A+	1680	
	2.0 + 2.0	855	7.8	4.80	3.80	A	1768	
	2.0 + 2.5	920	8.3	4.80	3.80	A	1768	
	2.0 + 3.5	895	8.1	4.80	3.80	A	1768	
	2.0 + 4.2	890	8.1	4.80	3.80	A	1768	
	2.0 + 5.0	820	7.5	4.80	4.00	A+	1680	
	2.5 + 2.5	920	8.3	4.80	3.80	A	1768	
	2.5 + 3.5	895	8.1	4.80	3.80	A	1768	
	2.5 + 4.2	890	8.1	4.80	3.80	A	1768	
	2.5 + 5.0	820	7.5	4.80	4.00	A+	1680	
	3.5 + 3.5	885	8.0	5.00	3.80	A	1842	
	3.5 + 4.2	885	8.0	5.00	3.80	A	1842	
	3.5 + 5.0	810	7.4	5.00	4.00	A+	1750	
	4.2 + 4.2	865	7.9	5.00	3.80	A	1842	
	4.2 + 5.0	805	7.4	5.00	4.00	A+	1750	
3 Room	1.6 + 1.6 + 1.6	800	7.3	5.00	4.20	A+	1667	
	1.6 + 1.6 + 2.0	795	7.3	5.00	4.20	A+	1667	
	1.6 + 1.6 + 2.5	795	7.3	5.00	4.20	A+	1667	
	1.6 + 1.6 + 3.5	785	7.2	5.00	4.20	A+	1667	
	1.6 + 1.6 + 4.2	785	7.2	5.00	4.20	A+	1667	
	1.6 + 1.6 + 5.0	730	6.7	5.00	4.20	A+	1667	
	1.6 + 2.0 + 2.0	790	7.2	5.00	4.20	A+	1667	
	1.6 + 2.0 + 2.5	790	7.2	5.00	4.20	A+	1667	
	1.6 + 2.0 + 3.5	785	7.2	5.00	4.20	A+	1667	
	1.6 + 2.0 + 4.2	780	7.1	5.00	4.20	A+	1667	
	1.6 + 2.0 + 5.0	725	6.6	5.00	4.20	A+	1667	
	1.6 + 2.5 + 2.5	790	7.2	5.00	4.20	A+	1667	
	1.6 + 2.5 + 3.5	785	7.2	5.00	4.20	A+	1667	
	1.6 + 2.5 + 4.2	780	7.1	5.00	4.20	A+	1667	
	1.6 + 2.5 + 5.0	725	6.6	5.00	4.20	A+	1667	
	1.6 + 3.5 + 3.5	775	7.1	5.00	4.20	A+	1667	
	1.6 + 3.5 + 4.2	770	7.0	5.00	4.20	A+	1667	
	2.0 + 2.0 + 2.0	790	7.2	5.00	4.20	A+	1667	
	2.0 + 2.0 + 2.5	790	7.2	5.00	4.20	A+	1667	
	2.0 + 2.0 + 3.5	780	7.1	5.00	4.20	A+	1667	
	2.0 + 2.0 + 4.2	775	7.1	5.00	4.20	A+	1667	
	2.0 + 2.0 + 5.0	725	6.6	5.00	4.20	A+	1667	
	2.0 + 2.5 + 2.5	790	7.2	5.00	4.20	A+	1667	
	2.0 + 2.5 + 3.5	780	7.1	5.00	4.20	A+	1667	
	2.0 + 2.5 + 4.2	775	7.1	5.00	4.20	A+	1667	
	2.0 + 2.5 + 5.0	725	6.6	5.00	4.20	A+	1667	
	2.0 + 3.5 + 3.5	770	7.0	5.00	4.20	A+	1667	
	2.5 + 2.5 + 2.5	790	7.2	5.00	4.20	A+	1667	
	2.5 + 2.5 + 3.5	780	7.1	5.00	4.20	A+	1667	
	2.5 + 2.5 + 4.2	775	7.1	5.00	4.20	A+	1667	
	2.5 + 3.5 + 3.5	770	7.0	5.00	4.20	A+	1667	

Appendix 2

1 Cool Mode Performance Data

Unit setting: Standard piping length, Hi Fan, Cool mode at 16°C

Voltage: 230V, 50Hz

1.1 CU-2TZ41TBE

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6	22	1.70	0.17	1.66	0.16	1.63	0.16	1.61	0.16	2.47	0.30	3.04	0.39
	25	1.72	0.18	1.68	0.18	1.66	0.17	1.63	0.17	2.43	0.32	2.97	0.42
	29	1.91	0.22	1.89	0.22	1.88	0.22	1.86	0.22	2.43	0.39	2.81	0.47
	32	2.49	0.61	2.45	0.61	2.43	0.61	2.40	0.61	2.62	0.61	2.76	0.62
	35	2.39	0.65	2.35	0.65	2.33	0.65	2.30	0.65	2.56	0.65	2.71	0.66
	40	2.16	0.70	2.16	0.70	2.14	0.70	2.11	0.70	2.36	0.71	2.52	0.71
	43	2.06	0.75	2.02	0.75	2.01	0.75	1.98	0.75	2.21	0.75	2.36	0.76
	46	1.84	0.80	1.83	0.80	1.82	0.80	1.79	0.80	2.03	0.81	2.19	0.81
2.0	22	2.15	0.22	2.09	0.21	2.06	0.20	2.03	0.20	3.11	0.38	3.83	0.50
	25	2.17	0.23	2.12	0.22	2.10	0.22	2.06	0.22	3.07	0.41	3.74	0.54
	29	2.41	0.28	2.38	0.28	2.37	0.28	2.35	0.28	3.06	0.50	3.54	0.60
	32	3.15	0.78	3.09	0.78	3.06	0.78	3.02	0.78	3.30	0.78	3.48	0.79
	35	3.02	0.83	2.96	0.83	2.94	0.83	2.90	0.83	3.23	0.83	3.42	0.84
	40	2.73	0.90	2.72	0.90	2.70	0.90	2.67	0.90	2.97	0.91	3.17	0.90
	43	2.60	0.95	2.55	0.96	2.53	0.96	2.50	0.96	2.79	0.96	2.98	0.97
	46	2.32	1.02	2.31	1.02	2.30	1.02	2.26	1.02	2.56	1.03	2.77	1.03
2.5	22	2.59	0.28	2.52	0.27	2.49	0.26	2.45	0.26	3.75	0.49	4.62	0.64
	25	2.62	0.30	2.55	0.29	2.53	0.29	2.49	0.28	3.70	0.53	4.52	0.69
	29	2.91	0.36	2.87	0.36	2.86	0.36	2.84	0.36	3.70	0.64	4.27	0.77
	32	3.80	1.00	3.72	1.00	3.70	1.00	3.65	1.00	3.98	1.01	4.20	1.01
	35	3.64	1.07	3.57	1.07	3.55	1.07	3.50	1.07	3.90	1.08	4.13	1.08
	40	3.29	1.16	3.28	1.16	3.26	1.16	3.22	1.16	3.58	1.17	3.83	1.17
	43	3.14	1.23	3.08	1.23	3.06	1.23	3.02	1.23	3.36	1.24	3.59	1.25
	46	2.80	1.32	2.79	1.32	2.77	1.32	2.73	1.32	3.09	1.33	3.34	1.33
3.5	22	2.96	0.34	2.88	0.33	2.84	0.32	2.80	0.31	4.29	0.59	5.28	0.78
	25	3.00	0.37	2.92	0.35	2.89	0.35	2.84	0.34	4.23	0.64	5.16	0.84
	29	3.32	0.44	3.28	0.44	3.27	0.44	3.24	0.44	4.22	0.78	4.88	0.94
	32	4.34	1.22	4.26	1.22	4.23	1.22	4.17	1.22	4.55	1.23	4.80	1.23
	35	4.16	1.30	4.08	1.30	4.05	1.30	4.00	1.30	4.46	1.31	4.72	1.31
	40	3.76	1.41	3.75	1.41	3.73	1.41	3.68	1.41	4.10	1.42	4.38	1.42
	43	3.59	1.50	3.52	1.50	3.50	1.50	3.45	1.50	3.84	1.51	4.11	1.52
	46	3.20	1.60	3.19	1.60	3.17	1.60	3.12	1.60	3.54	1.61	3.82	1.61

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6 + 1.6	22	4.32	0.64	4.44	0.63	4.48	0.62	4.56	0.62	4.90	0.64	5.12	0.66
	25	4.19	0.69	4.31	0.68	4.34	0.67	4.42	0.67	4.75	0.70	4.97	0.71
	29	4.16	0.82	4.24	0.80	4.24	0.78	4.28	0.78	4.42	0.78	4.60	0.79
	32	4.16	1.01	4.18	1.01	4.17	1.01	4.14	1.01	4.37	1.01	4.51	1.01
	35	4.08	1.08	4.04	1.08	4.03	1.08	4.00	1.08	4.22	1.08	4.36	1.08
	40	3.68	1.10	3.64	1.10	3.63	1.10	3.60	1.10	3.79	1.10	3.92	1.10
	43	3.52	1.17	3.49	1.17	3.48	1.17	3.45	1.17	3.64	1.21	3.77	1.24
	46	3.32	1.22	3.28	1.22	3.27	1.22	3.24	1.22	3.43	1.22	3.56	1.24
1.6 + 2.0	22	4.86	0.74	5.00	0.73	5.04	0.71	5.13	0.71	5.51	0.74	5.76	0.76
	25	4.71	0.80	4.84	0.79	4.89	0.78	4.98	0.77	5.34	0.80	5.59	0.83
	29	4.68	0.95	4.77	0.93	4.77	0.90	4.82	0.90	4.98	0.90	5.18	0.91
	32	4.68	1.16	4.71	1.16	4.69	1.16	4.66	1.16	4.91	1.16	5.08	1.16
	35	4.59	1.25	4.55	1.25	4.53	1.25	4.50	1.25	4.74	1.25	4.91	1.25
	40	4.14	1.28	4.10	1.28	4.08	1.28	4.05	1.28	4.27	1.28	4.41	1.28
	43	3.96	1.35	3.93	1.35	3.91	1.35	3.89	1.35	4.10	1.40	4.24	1.44
	46	3.15	1.13	3.20	1.11	3.20	1.10	3.20	1.10	3.36	1.08	3.47	1.06
1.6 + 2.5	22	5.08	0.81	5.22	0.80	5.26	0.79	5.36	0.79	5.75	0.82	6.02	0.84
	25	4.92	0.88	5.06	0.87	5.10	0.86	5.20	0.85	5.58	0.89	5.83	0.91
	29	4.89	1.05	4.98	1.02	4.98	0.99	5.03	0.99	5.20	0.99	5.41	1.01
	32	4.89	1.29	4.92	1.29	4.90	1.29	4.87	1.29	5.13	1.29	5.30	1.29
	35	4.79	1.38	4.75	1.38	4.73	1.38	4.70	1.38	4.95	1.38	5.12	1.38
	40	4.32	1.41	4.28	1.41	4.26	1.41	4.23	1.41	4.46	1.41	4.61	1.41
	43	4.14	1.50	4.10	1.50	4.09	1.50	4.06	1.50	4.28	1.55	4.42	1.59
	46	3.29	1.24	3.34	1.23	3.34	1.21	3.34	1.21	3.51	1.19	3.62	1.17
1.6 + 3.5	22	5.08	0.81	5.22	0.80	5.26	0.79	5.36	0.79	5.75	0.82	6.02	0.84
	25	4.92	0.88	5.06	0.87	5.10	0.86	5.20	0.85	5.58	0.89	5.83	0.91
	29	4.89	1.05	4.98	1.02	4.98	0.99	5.03	0.99	5.20	0.99	5.41	1.01
	32	4.89	1.29	4.92	1.29	4.90	1.29	4.87	1.29	5.13	1.29	5.30	1.29
	35	4.79	1.38	4.75	1.38	4.73	1.38	4.70	1.38	4.95	1.38	5.12	1.38
	40	4.32	1.41	4.28	1.41	4.26	1.41	4.23	1.41	4.46	1.41	4.61	1.41
	43	4.14	1.50	4.10	1.50	4.09	1.50	4.06	1.50	4.28	1.55	4.42	1.59
	46	3.29	1.24	3.34	1.23	3.34	1.21	3.34	1.21	3.51	1.19	3.62	1.17
2.0 + 2.0	22	5.08	0.81	5.22	0.80	5.26	0.79	5.36	0.79	5.75	0.82	6.02	0.84
	25	4.92	0.88	5.06	0.87	5.10	0.86	5.20	0.85	5.58	0.89	5.83	0.91
	29	4.89	1.05	4.98	1.02	4.98	0.99	5.03	0.99	5.20	0.99	5.41	1.01
	32	4.89	1.29	4.92	1.29	4.90	1.29	4.87	1.29	5.13	1.29	5.30	1.29
	35	4.79	1.38	4.75	1.38	4.73	1.38	4.70	1.38	4.95	1.38	5.12	1.38
	40	4.32	1.41	4.28	1.41	4.26	1.41	4.23	1.41	4.46	1.41	4.61	1.41
	43	4.14	1.50	4.10	1.50	4.09	1.50	4.06	1.50	4.28	1.55	4.42	1.59
	46	3.29	1.24	3.34	1.23	3.34	1.21	3.34	1.21	3.51	1.19	3.62	1.17

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.0 + 2.5	22	5.08	0.81	5.22	0.80	5.26	0.79	5.36	0.79	5.75	0.82	6.02	0.84
	25	4.92	0.88	5.06	0.87	5.10	0.86	5.20	0.85	5.58	0.89	5.83	0.91
	29	4.89	1.05	4.98	1.02	4.98	0.99	5.03	0.99	5.20	0.99	5.41	1.01
	32	4.89	1.29	4.92	1.29	4.90	1.29	4.87	1.29	5.13	1.29	5.30	1.29
	35	4.79	1.38	4.75	1.38	4.73	1.38	4.70	1.38	4.95	1.38	5.12	1.38
	40	4.32	1.41	4.28	1.41	4.26	1.41	4.23	1.41	4.46	1.41	4.61	1.41
	43	4.14	1.50	4.10	1.50	4.09	1.50	4.06	1.50	4.28	1.55	4.42	1.59
	46	3.29	1.24	3.34	1.23	3.34	1.21	3.34	1.21	3.51	1.19	3.62	1.17
2.0 + 3.5	22	5.08	0.81	5.22	0.80	5.26	0.79	5.36	0.79	5.75	0.82	6.02	0.84
	25	4.92	0.88	5.06	0.87	5.10	0.86	5.20	0.85	5.58	0.89	5.83	0.91
	29	4.89	1.05	4.98	1.02	4.98	0.99	5.03	0.99	5.20	0.99	5.41	1.01
	32	4.89	1.29	4.92	1.29	4.90	1.29	4.87	1.29	5.13	1.29	5.30	1.29
	35	4.79	1.38	4.75	1.38	4.73	1.38	4.70	1.38	4.95	1.38	5.12	1.38
	40	4.32	1.41	4.28	1.41	4.26	1.41	4.23	1.41	4.46	1.41	4.61	1.41
	43	4.14	1.50	4.10	1.50	4.09	1.50	4.06	1.50	4.28	1.55	4.42	1.59
	46	3.29	1.24	3.34	1.23	3.34	1.21	3.34	1.21	3.51	1.19	3.62	1.17
2.5 + 2.5	22	5.08	0.81	5.22	0.80	5.26	0.79	5.36	0.79	5.75	0.82	6.02	0.84
	25	4.92	0.88	5.06	0.87	5.10	0.86	5.20	0.85	5.58	0.89	5.83	0.91
	29	4.89	1.05	4.98	1.02	4.98	0.99	5.03	0.99	5.20	0.99	5.41	1.01
	32	4.89	1.29	4.92	1.29	4.90	1.29	4.87	1.29	5.13	1.29	5.30	1.29
	35	4.79	1.38	4.75	1.38	4.73	1.38	4.70	1.38	4.95	1.38	5.12	1.38
	40	4.32	1.41	4.28	1.41	4.26	1.41	4.23	1.41	4.46	1.41	4.61	1.41
	43	4.14	1.50	4.10	1.50	4.09	1.50	4.06	1.50	4.28	1.55	4.42	1.59
	46	3.29	1.24	3.34	1.23	3.34	1.21	3.34	1.21	3.51	1.19	3.62	1.17
2.5 + 3.5	22	5.08	0.81	5.22	0.80	5.26	0.79	5.36	0.79	5.75	0.82	6.02	0.84
	25	4.92	0.88	5.06	0.87	5.10	0.86	5.20	0.85	5.58	0.89	5.83	0.91
	29	4.89	1.05	4.98	1.02	4.98	0.99	5.03	0.99	5.20	0.99	5.41	1.01
	32	4.89	1.29	4.92	1.29	4.90	1.29	4.87	1.29	5.13	1.29	5.30	1.29
	35	4.79	1.38	4.75	1.38	4.73	1.38	4.70	1.38	4.95	1.38	5.12	1.38
	40	4.32	1.41	4.28	1.41	4.26	1.41	4.23	1.41	4.46	1.41	4.61	1.41
	43	4.14	1.50	4.10	1.50	4.09	1.50	4.06	1.50	4.28	1.55	4.42	1.59
	46	3.29	1.24	3.34	1.23	3.34	1.21	3.34	1.21	3.51	1.19	3.62	1.17

Total Q: Total Cooling Capacity (kW)
Input Power (kW)

1.2 CU-2TZ50TBE

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6	22	1.70	0.17	1.66	0.16	1.63	0.16	1.61	0.16	2.47	0.30	3.04	0.39
	25	1.72	0.18	1.68	0.18	1.66	0.17	1.63	0.17	2.43	0.32	2.97	0.42
	29	1.91	0.22	1.89	0.22	1.88	0.22	1.86	0.22	2.43	0.39	2.81	0.47
	32	2.49	0.61	2.45	0.61	2.43	0.61	2.40	0.61	2.62	0.61	2.76	0.62
	35	2.39	0.65	2.35	0.65	2.33	0.65	2.30	0.65	2.56	0.65	2.71	0.66
	40	2.16	0.70	2.16	0.70	2.14	0.70	2.11	0.70	2.36	0.71	2.52	0.71
	43	2.06	0.75	2.02	0.75	2.01	0.75	1.98	0.75	2.21	0.75	2.36	0.76
	46	1.84	0.80	1.83	0.80	1.82	0.80	1.79	0.80	2.03	0.81	2.19	0.81
2.0	22	2.15	0.22	2.09	0.21	2.06	0.20	2.03	0.20	3.11	0.38	3.83	0.50
	25	2.17	0.23	2.12	0.22	2.10	0.22	2.06	0.22	3.07	0.41	3.74	0.54
	29	2.41	0.28	2.38	0.28	2.37	0.28	2.35	0.28	3.06	0.50	3.54	0.60
	32	3.15	0.78	3.09	0.78	3.06	0.78	3.02	0.78	3.30	0.78	3.48	0.79
	35	3.02	0.83	2.96	0.83	2.94	0.83	2.90	0.83	3.23	0.83	3.42	0.84
	40	2.73	0.90	2.72	0.90	2.70	0.90	2.67	0.90	2.97	0.91	3.17	0.90
	43	2.60	0.95	2.55	0.96	2.53	0.96	2.50	0.96	2.79	0.96	2.98	0.97
	46	2.32	1.02	2.31	1.02	2.30	1.02	2.26	1.02	2.56	1.03	2.77	1.03
2.5	22	2.59	0.28	2.52	0.27	2.49	0.26	2.45	0.26	3.75	0.49	4.62	0.64
	25	2.62	0.30	2.55	0.29	2.53	0.29	2.49	0.28	3.70	0.53	4.52	0.69
	29	2.91	0.36	2.87	0.36	2.86	0.36	2.84	0.36	3.70	0.64	4.27	0.77
	32	3.80	1.00	3.72	1.00	3.70	1.00	3.65	1.00	3.98	1.01	4.20	1.01
	35	3.64	1.07	3.57	1.07	3.55	1.07	3.50	1.07	3.90	1.08	4.13	1.08
	40	3.29	1.16	3.28	1.16	3.26	1.16	3.22	1.16	3.58	1.17	3.83	1.17
	43	3.14	1.23	3.08	1.23	3.06	1.23	3.02	1.23	3.36	1.24	3.59	1.25
	46	2.80	1.32	2.79	1.32	2.77	1.32	2.73	1.32	3.09	1.33	3.34	1.33
3.5	22	2.96	0.34	2.88	0.33	2.84	0.32	2.80	0.31	4.29	0.59	5.28	0.78
	25	3.00	0.37	2.92	0.35	2.89	0.35	2.84	0.34	4.23	0.64	5.16	0.84
	29	3.32	0.44	3.28	0.44	3.27	0.44	3.24	0.44	4.22	0.78	4.88	0.94
	32	4.34	1.22	4.26	1.22	4.23	1.22	4.17	1.22	4.55	1.23	4.80	1.23
	35	4.16	1.30	4.08	1.30	4.05	1.30	4.00	1.30	4.46	1.31	4.72	1.31
	40	3.76	1.41	3.75	1.41	3.73	1.41	3.68	1.41	4.10	1.42	4.38	1.42
	43	3.59	1.50	3.52	1.50	3.50	1.50	3.45	1.50	3.84	1.51	4.11	1.52
	46	3.20	1.60	3.19	1.60	3.17	1.60	3.12	1.60	3.54	1.61	3.82	1.61
4.2	22	3.33	0.42	3.24	0.40	3.20	0.39	3.15	0.38	4.82	0.73	5.94	0.96
	25	3.37	0.45	3.28	0.43	3.25	0.43	3.20	0.42	4.76	0.79	5.81	1.04
	29	3.74	0.54	3.69	0.54	3.68	0.54	3.65	0.54	4.75	0.96	5.49	1.15
	32	4.88	1.50	4.79	1.50	4.76	1.50	4.69	1.50	5.12	1.51	5.40	1.52
	35	4.68	1.59	4.59	1.60	4.56	1.60	4.50	1.60	5.01	1.61	5.31	1.62
	40	4.23	1.73	4.22	1.73	4.19	1.73	4.14	1.73	4.61	1.75	4.92	1.74
	43	4.04	1.84	3.96	1.84	3.93	1.84	3.88	1.85	4.32	1.86	4.62	1.86
	46	3.24	1.42	3.29	1.41	3.30	1.40	3.33	1.39	3.63	1.37	3.83	1.36

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
5.0	22	3.77	0.49	3.67	0.48	3.62	0.47	3.57	0.46	5.47	0.87	6.73	1.14
	25	3.82	0.53	3.72	0.51	3.69	0.51	3.62	0.49	5.40	0.94	6.58	1.23
	29	4.23	0.65	4.18	0.65	4.17	0.65	4.13	0.65	5.39	1.14	6.22	1.37
	32	5.53	1.78	5.43	1.78	5.39	1.78	5.32	1.78	5.80	1.79	6.12	1.80
	35	5.30	1.89	5.20	1.90	5.17	1.90	5.10	1.90	5.68	1.91	6.02	1.92
	40	4.79	2.05	4.78	2.06	4.75	2.06	4.69	2.06	5.22	2.07	5.58	2.07
	43	4.57	2.19	4.49	2.19	4.46	2.19	4.40	2.19	4.90	2.21	5.23	2.21
	46	3.67	1.69	3.72	1.67	3.74	1.67	3.77	1.65	4.11	1.63	4.34	1.62
1.6 + 1.6	22	4.32	0.64	4.44	0.63	4.48	0.62	4.56	0.62	4.90	0.64	5.12	0.66
	25	4.19	0.69	4.31	0.68	4.34	0.67	4.42	0.67	4.75	0.70	4.97	0.71
	29	4.16	0.82	4.24	0.80	4.24	0.78	4.28	0.78	4.42	0.78	4.60	0.79
	32	4.16	1.01	4.18	1.01	4.17	1.01	4.14	1.01	4.37	1.01	4.51	1.01
	35	4.08	1.08	4.04	1.08	4.03	1.08	4.00	1.08	4.22	1.08	4.36	1.08
	40	3.68	1.10	3.64	1.10	3.63	1.10	3.60	1.10	3.79	1.10	3.92	1.10
	43	3.52	1.17	3.49	1.17	3.48	1.17	3.45	1.17	3.64	1.21	3.77	1.24
	46	3.32	1.22	3.28	1.22	3.27	1.22	3.24	1.22	3.43	1.22	3.56	1.24
1.6 + 2.0	22	4.86	0.74	5.00	0.73	5.04	0.71	5.13	0.71	5.51	0.74	5.76	0.76
	25	4.71	0.80	4.84	0.79	4.89	0.78	4.98	0.77	5.34	0.80	5.59	0.83
	29	4.68	0.95	4.77	0.93	4.77	0.90	4.82	0.90	4.98	0.90	5.18	0.91
	32	4.68	1.16	4.71	1.16	4.69	1.16	4.66	1.16	4.91	1.16	5.08	1.16
	35	4.59	1.25	4.55	1.25	4.53	1.25	4.50	1.25	4.74	1.25	4.91	1.25
	40	4.14	1.28	4.10	1.28	4.08	1.28	4.05	1.28	4.27	1.28	4.41	1.28
	43	3.96	1.35	3.93	1.35	3.91	1.35	3.89	1.35	4.10	1.40	4.24	1.44
	46	3.15	1.13	3.20	1.11	3.20	1.10	3.20	1.10	3.36	1.08	3.47	1.06
1.6 + 2.5	22	5.62	0.87	5.77	0.86	5.82	0.84	5.93	0.84	6.36	0.88	6.66	0.90
	25	5.45	0.95	5.60	0.93	5.65	0.92	5.75	0.91	6.17	0.95	6.45	0.98
	29	5.41	1.12	5.51	1.10	5.51	1.07	5.56	1.07	5.75	1.06	5.98	1.08
	32	5.41	1.38	5.44	1.38	5.42	1.38	5.38	1.38	5.68	1.38	5.87	1.38
	35	5.30	1.48	5.25	1.48	5.23	1.48	5.20	1.48	5.48	1.48	5.67	1.48
	40	4.78	1.51	4.73	1.51	4.71	1.51	4.68	1.51	4.93	1.51	5.10	1.51
	43	4.58	1.60	4.54	1.60	4.52	1.60	4.49	1.60	4.73	1.66	4.89	1.70
	46	3.64	1.33	3.69	1.32	3.69	1.30	3.69	1.30	3.88	1.28	4.00	1.26
1.6 + 3.5	22	5.62	0.87	5.77	0.86	5.82	0.84	5.93	0.84	6.36	0.88	6.66	0.90
	25	5.45	0.95	5.60	0.93	5.65	0.92	5.75	0.91	6.17	0.95	6.45	0.98
	29	5.41	1.12	5.51	1.10	5.51	1.07	5.56	1.07	5.75	1.06	5.98	1.08
	32	5.41	1.38	5.44	1.38	5.42	1.38	5.38	1.38	5.68	1.38	5.87	1.38
	35	5.30	1.48	5.25	1.48	5.23	1.48	5.20	1.48	5.48	1.48	5.67	1.48
	40	4.78	1.51	4.73	1.51	4.71	1.51	4.68	1.51	4.93	1.51	5.10	1.51
	43	4.58	1.60	4.54	1.60	4.52	1.60	4.49	1.60	4.73	1.66	4.89	1.70
	46	3.64	1.33	3.69	1.32	3.69	1.30	3.69	1.30	3.88	1.28	4.00	1.26

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6 + 4.2	22	5.83	0.96	5.99	0.94	6.05	0.92	6.16	0.92	6.61	0.96	6.91	0.99
	25	5.66	1.04	5.81	1.02	5.87	1.00	5.97	1.00	6.41	1.04	6.70	1.07
	29	5.62	1.23	5.72	1.20	5.72	1.17	5.78	1.17	5.97	1.16	6.21	1.18
	32	5.62	1.51	5.65	1.51	5.63	1.51	5.59	1.51	5.89	1.51	6.09	1.51
	35	5.51	1.62	5.45	1.62	5.44	1.62	5.40	1.62	5.69	1.62	5.89	1.62
	40	4.97	1.65	4.91	1.65	4.90	1.65	4.86	1.65	5.12	1.65	5.29	1.65
	43	4.76	1.76	4.71	1.76	4.69	1.76	4.66	1.76	4.92	1.82	5.08	1.86
	46	3.78	1.46	3.83	1.44	3.83	1.43	3.83	1.43	4.03	1.40	4.16	1.38
1.6 + 5.0	22	5.83	0.96	5.99	0.94	6.05	0.92	6.16	0.92	6.61	0.96	6.91	0.99
	25	5.66	1.04	5.81	1.02	5.87	1.00	5.97	1.00	6.41	1.04	6.70	1.07
	29	5.62	1.23	5.72	1.20	5.72	1.17	5.78	1.17	5.97	1.16	6.21	1.18
	32	5.62	1.51	5.65	1.51	5.63	1.51	5.59	1.51	5.89	1.51	6.09	1.51
	35	5.51	1.62	5.45	1.62	5.44	1.62	5.40	1.62	5.69	1.62	5.89	1.62
	40	4.97	1.65	4.91	1.65	4.90	1.65	4.86	1.65	5.12	1.65	5.29	1.65
	43	4.76	1.76	4.71	1.76	4.69	1.76	4.66	1.76	4.92	1.82	5.08	1.86
	46	3.78	1.46	3.83	1.44	3.83	1.43	3.83	1.43	4.03	1.40	4.16	1.38
2.0 + 2.0	22	5.40	0.84	5.55	0.82	5.60	0.81	5.70	0.81	6.12	0.84	6.40	0.87
	25	5.24	0.91	5.38	0.89	5.43	0.88	5.53	0.88	5.94	0.91	6.21	0.94
	29	5.20	1.08	5.30	1.05	5.30	1.02	5.35	1.02	5.53	1.02	5.75	1.04
	32	5.20	1.32	5.23	1.32	5.21	1.32	5.18	1.32	5.46	1.32	5.64	1.32
	35	5.10	1.42	5.05	1.42	5.03	1.42	5.00	1.42	5.27	1.42	5.45	1.42
	40	4.60	1.45	4.55	1.45	4.53	1.45	4.50	1.45	4.74	1.45	4.90	1.45
	43	4.40	1.54	4.36	1.54	4.35	1.54	4.32	1.54	4.55	1.60	4.71	1.63
	46	3.50	1.28	3.55	1.26	3.55	1.25	3.55	1.25	3.73	1.22	3.85	1.21
2.0 + 2.5	22	5.62	0.87	5.77	0.86	5.82	0.84	5.93	0.84	6.36	0.88	6.66	0.90
	25	5.45	0.95	5.60	0.93	5.65	0.92	5.75	0.91	6.17	0.95	6.45	0.98
	29	5.41	1.12	5.51	1.10	5.51	1.07	5.56	1.07	5.75	1.06	5.98	1.08
	32	5.41	1.38	5.44	1.38	5.42	1.38	5.38	1.38	5.68	1.38	5.87	1.38
	35	5.30	1.48	5.25	1.48	5.23	1.48	5.20	1.48	5.48	1.48	5.67	1.48
	40	4.78	1.51	4.73	1.51	4.71	1.51	4.68	1.51	4.93	1.51	5.10	1.51
	43	4.58	1.60	4.54	1.60	4.52	1.60	4.49	1.60	4.73	1.66	4.89	1.70
	46	3.64	1.33	3.69	1.32	3.69	1.30	3.69	1.30	3.88	1.28	4.00	1.26
2.0 + 3.5	22	5.83	0.96	5.99	0.94	6.05	0.92	6.16	0.92	6.61	0.96	6.91	0.99
	25	5.66	1.04	5.81	1.02	5.87	1.00	5.97	1.00	6.41	1.04	6.70	1.07
	29	5.62	1.23	5.72	1.20	5.72	1.17	5.78	1.17	5.97	1.16	6.21	1.18
	32	5.62	1.51	5.65	1.51	5.63	1.51	5.59	1.51	5.89	1.51	6.09	1.51
	35	5.51	1.62	5.45	1.62	5.44	1.62	5.40	1.62	5.69	1.62	5.89	1.62
	40	4.97	1.65	4.91	1.65	4.90	1.65	4.86	1.65	5.12	1.65	5.29	1.65
	43	4.76	1.76	4.71	1.76	4.69	1.76	4.66	1.76	4.92	1.82	5.08	1.86
	46	3.78	1.46	3.83	1.44	3.83	1.43	3.83	1.43	4.03	1.40	4.16	1.38

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.0 + 4.2	22	5.83	0.96	5.99	0.94	6.05	0.92	6.16	0.92	6.61	0.96	6.91	0.99
	25	5.66	1.04	5.81	1.02	5.87	1.00	5.97	1.00	6.41	1.04	6.70	1.07
	29	5.62	1.23	5.72	1.20	5.72	1.17	5.78	1.17	5.97	1.16	6.21	1.18
	32	5.62	1.51	5.65	1.51	5.63	1.51	5.59	1.51	5.89	1.51	6.09	1.51
	35	5.51	1.62	5.45	1.62	5.44	1.62	5.40	1.62	5.69	1.62	5.89	1.62
	40	4.97	1.65	4.91	1.65	4.90	1.65	4.86	1.65	5.12	1.65	5.29	1.65
	43	4.76	1.76	4.71	1.76	4.69	1.76	4.66	1.76	4.92	1.82	5.08	1.86
	46	3.78	1.46	3.83	1.44	3.83	1.43	3.83	1.43	4.03	1.40	4.16	1.38
2.0 + 5.0	22	5.83	0.96	5.99	0.94	6.05	0.92	6.16	0.92	6.61	0.96	6.91	0.99
	25	5.66	1.04	5.81	1.02	5.87	1.00	5.97	1.00	6.41	1.04	6.70	1.07
	29	5.62	1.23	5.72	1.20	5.72	1.17	5.78	1.17	5.97	1.16	6.21	1.18
	32	5.62	1.51	5.65	1.51	5.63	1.51	5.59	1.51	5.89	1.51	6.09	1.51
	35	5.51	1.62	5.45	1.62	5.44	1.62	5.40	1.62	5.69	1.62	5.89	1.62
	40	4.97	1.65	4.91	1.65	4.90	1.65	4.86	1.65	5.12	1.65	5.29	1.65
	43	4.76	1.76	4.71	1.76	4.69	1.76	4.66	1.76	4.92	1.82	5.08	1.86
	46	3.78	1.46	3.83	1.44	3.83	1.43	3.83	1.43	4.03	1.40	4.16	1.38
2.5 + 2.5	22	5.83	0.96	5.99	0.94	6.05	0.92	6.16	0.92	6.61	0.96	6.91	0.99
	25	5.66	1.04	5.81	1.02	5.87	1.00	5.97	1.00	6.41	1.04	6.70	1.07
	29	5.62	1.23	5.72	1.20	5.72	1.17	5.78	1.17	5.97	1.16	6.21	1.18
	32	5.62	1.51	5.65	1.51	5.63	1.51	5.59	1.51	5.89	1.51	6.09	1.51
	35	5.51	1.62	5.45	1.62	5.44	1.62	5.40	1.62	5.69	1.62	5.89	1.62
	40	4.97	1.65	4.91	1.65	4.90	1.65	4.86	1.65	5.12	1.65	5.29	1.65
	43	4.76	1.76	4.71	1.76	4.69	1.76	4.66	1.76	4.92	1.82	5.08	1.86
	46	3.78	1.46	3.83	1.44	3.83	1.43	3.83	1.43	4.03	1.40	4.16	1.38
2.5 + 3.5	22	5.83	0.96	5.99	0.94	6.05	0.92	6.16	0.92	6.61	0.96	6.91	0.99
	25	5.66	1.04	5.81	1.02	5.87	1.00	5.97	1.00	6.41	1.04	6.70	1.07
	29	5.62	1.23	5.72	1.20	5.72	1.17	5.78	1.17	5.97	1.16	6.21	1.18
	32	5.62	1.51	5.65	1.51	5.63	1.51	5.59	1.51	5.89	1.51	6.09	1.51
	35	5.51	1.62	5.45	1.62	5.44	1.62	5.40	1.62	5.69	1.62	5.89	1.62
	40	4.97	1.65	4.91	1.65	4.90	1.65	4.86	1.65	5.12	1.65	5.29	1.65
	43	4.76	1.76	4.71	1.76	4.69	1.76	4.66	1.76	4.92	1.82	5.08	1.86
	46	3.78	1.46	3.83	1.44	3.83	1.43	3.83	1.43	4.03	1.40	4.16	1.38
2.5 + 4.2	22	5.83	0.96	5.99	0.94	6.05	0.92	6.16	0.92	6.61	0.96	6.91	0.99
	25	5.66	1.04	5.81	1.02	5.87	1.00	5.97	1.00	6.41	1.04	6.70	1.07
	29	5.62	1.23	5.72	1.20	5.72	1.17	5.78	1.17	5.97	1.16	6.21	1.18
	32	5.62	1.51	5.65	1.51	5.63	1.51	5.59	1.51	5.89	1.51	6.09	1.51
	35	5.51	1.62	5.45	1.62	5.44	1.62	5.40	1.62	5.69	1.62	5.89	1.62
	40	4.97	1.65	4.91	1.65	4.90	1.65	4.86	1.65	5.12	1.65	5.29	1.65
	43	4.76	1.76	4.71	1.76	4.69	1.76	4.66	1.76	4.92	1.82	5.08	1.86
	46	3.78	1.46	3.83	1.44	3.83	1.43	3.83	1.43	4.03	1.40	4.16	1.38

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C WB											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.5 + 5.0	22	5.83	0.96	5.99	0.94	6.05	0.92	6.16	0.92	6.61	0.96	6.91	0.99
	25	5.66	1.04	5.81	1.02	5.87	1.00	5.97	1.00	6.41	1.04	6.70	1.07
	29	5.62	1.23	5.72	1.20	5.72	1.17	5.78	1.17	5.97	1.16	6.21	1.18
	32	5.62	1.51	5.65	1.51	5.63	1.51	5.59	1.51	5.89	1.51	6.09	1.51
	35	5.51	1.62	5.45	1.62	5.44	1.62	5.40	1.62	5.69	1.62	5.89	1.62
	40	4.97	1.65	4.91	1.65	4.90	1.65	4.86	1.65	5.12	1.65	5.29	1.65
	43	4.76	1.76	4.71	1.76	4.69	1.76	4.66	1.76	4.92	1.82	5.08	1.86
	46	3.78	1.46	3.83	1.44	3.83	1.43	3.83	1.43	4.03	1.40	4.16	1.38
3.5 + 3.5	22	5.83	0.96	5.99	0.94	6.05	0.92	6.16	0.92	6.61	0.96	6.91	0.99
	25	5.66	1.04	5.81	1.02	5.87	1.00	5.97	1.00	6.41	1.04	6.70	1.07
	29	5.62	1.23	5.72	1.20	5.72	1.17	5.78	1.17	5.97	1.16	6.21	1.18
	32	5.62	1.51	5.65	1.51	5.63	1.51	5.59	1.51	5.89	1.51	6.09	1.51
	35	5.51	1.62	5.45	1.62	5.44	1.62	5.40	1.62	5.69	1.62	5.89	1.62
	40	4.97	1.65	4.91	1.65	4.90	1.65	4.86	1.65	5.12	1.65	5.29	1.65
	43	4.76	1.76	4.71	1.76	4.69	1.76	4.66	1.76	4.92	1.82	5.08	1.86
	46	3.78	1.46	3.83	1.44	3.83	1.43	3.83	1.43	4.03	1.40	4.16	1.38
3.5 + 4.2	22	5.83	0.96	5.99	0.94	6.05	0.92	6.16	0.92	6.61	0.96	6.91	0.99
	25	5.66	1.04	5.81	1.02	5.87	1.00	5.97	1.00	6.41	1.04	6.70	1.07
	29	5.62	1.23	5.72	1.20	5.72	1.17	5.78	1.17	5.97	1.16	6.21	1.18
	32	5.62	1.51	5.65	1.51	5.63	1.51	5.59	1.51	5.89	1.51	6.09	1.51
	35	5.51	1.62	5.45	1.62	5.44	1.62	5.40	1.62	5.69	1.62	5.89	1.62
	40	4.97	1.65	4.91	1.65	4.90	1.65	4.86	1.65	5.12	1.65	5.29	1.65
	43	4.76	1.76	4.71	1.76	4.69	1.76	4.66	1.76	4.92	1.82	5.08	1.86
	46	3.78	1.46	3.83	1.44	3.83	1.43	3.83	1.43	4.03	1.40	4.16	1.38

Total Q: Total Cooling Capacity (kW)
Input Power (kW)

1.3 CU-3TZ52TBE

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6	22	1.79	0.21	1.90	0.21	1.93	0.20	2.01	0.20	2.61	0.31	3.02	0.38
	25	1.89	0.34	2.02	0.33	2.06	0.33	2.15	0.33	2.68	0.40	3.03	0.45
	29	1.98	0.49	2.12	0.48	2.17	0.48	2.27	0.48	2.71	0.52	3.01	0.55
	32	2.01	0.58	2.16	0.58	2.21	0.58	2.31	0.57	2.69	0.60	2.95	0.61
	35	2.02	0.67	2.16	0.66	2.21	0.66	2.30	0.66	2.64	0.67	2.87	0.67
	40	1.96	0.78	2.08	0.78	2.12	0.78	2.19	0.78	2.48	0.77	2.67	0.76
	43	1.89	0.84	1.98	0.84	2.01	0.84	2.07	0.84	2.33	0.82	2.50	0.81
	46	1.79	0.88	1.85	0.88	1.87	0.88	1.91	0.88	2.15	0.87	2.31	0.86
2.0	22	2.26	0.26	2.39	0.26	2.44	0.26	2.53	0.25	3.30	0.39	3.81	0.48
	25	2.38	0.42	2.55	0.42	2.60	0.42	2.71	0.41	3.38	0.51	3.82	0.57
	29	2.50	0.61	2.68	0.60	2.74	0.60	2.86	0.60	3.42	0.65	3.79	0.69
	32	2.54	0.73	2.72	0.73	2.78	0.73	2.91	0.72	3.40	0.75	3.72	0.77
	35	2.54	0.84	2.72	0.84	2.78	0.83	2.90	0.83	3.33	0.84	3.62	0.84
	40	2.47	0.99	2.62	0.98	2.67	0.98	2.77	0.98	3.12	0.97	3.36	0.96
	43	2.38	1.05	2.50	1.05	2.54	1.05	2.61	1.05	2.94	1.03	3.16	1.02
	46	2.26	1.10	2.33	1.11	2.35	1.11	2.40	1.11	2.71	1.09	2.92	1.08
2.5	22	2.26	0.26	2.39	0.26	2.44	0.26	2.53	0.25	3.30	0.39	3.81	0.48
	25	2.38	0.42	2.55	0.42	2.60	0.42	2.71	0.41	3.38	0.51	3.82	0.57
	29	2.50	0.61	2.68	0.60	2.74	0.60	2.86	0.60	3.42	0.65	3.79	0.69
	32	2.54	0.73	2.72	0.73	2.78	0.73	2.91	0.72	3.40	0.75	3.72	0.77
	35	2.54	0.84	2.72	0.84	2.78	0.83	2.90	0.83	3.33	0.84	3.62	0.84
	40	2.47	0.99	2.62	0.98	2.67	0.98	2.77	0.98	3.12	0.97	3.36	0.96
	43	2.38	1.05	2.50	1.05	2.54	1.05	2.61	1.05	2.94	1.03	3.16	1.02
	46	2.26	1.10	2.33	1.11	2.35	1.11	2.40	1.11	2.71	1.09	2.92	1.08
3.5	22	2.96	0.44	3.14	0.43	3.20	0.43	3.31	0.42	4.32	0.65	4.99	0.80
	25	3.12	0.70	3.34	0.69	3.41	0.69	3.55	0.68	4.43	0.84	5.01	0.95
	29	3.27	1.02	3.51	1.00	3.59	1.00	3.74	0.99	4.48	1.08	4.97	1.14
	32	3.33	1.22	3.57	1.21	3.65	1.21	3.81	1.20	4.45	1.25	4.88	1.28
	35	3.33	1.40	3.57	1.39	3.64	1.39	3.80	1.38	4.36	1.39	4.74	1.40
	40	3.24	1.64	3.43	1.63	3.50	1.63	3.62	1.63	4.09	1.61	4.40	1.59
	43	3.12	1.75	3.27	1.75	3.32	1.75	3.42	1.75	3.85	1.72	4.14	1.70
	46	2.96	1.83	3.05	1.84	3.08	1.84	3.15	1.84	3.55	1.81	3.82	1.79
4.2	22	3.35	0.64	3.55	0.63	3.62	0.62	3.75	0.62	4.89	0.94	5.64	1.16
	25	3.53	1.02	3.77	1.01	3.85	1.01	4.01	1.00	5.01	1.23	5.67	1.38
	29	3.70	1.48	3.97	1.46	4.06	1.46	4.24	1.45	5.07	1.58	5.62	1.66
	32	3.76	1.78	4.04	1.76	4.13	1.76	4.31	1.75	5.04	1.81	5.52	1.86
	35	3.77	2.04	4.04	2.02	4.12	2.02	4.30	2.01	4.94	2.03	5.36	2.04
	40	3.67	2.39	3.88	2.38	3.96	2.38	4.10	2.37	4.63	2.34	4.98	2.32
	43	3.53	2.55	3.70	2.55	3.76	2.55	3.87	2.55	4.36	2.50	4.68	2.47
	46	3.35	2.67	3.45	2.68	3.49	2.68	3.56	2.68	4.02	2.64	4.33	2.61

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
5.0	22	4.44	0.68	4.70	0.67	4.79	0.67	4.97	0.66	6.48	1.01	7.48	1.24
	25	4.69	1.10	5.00	1.08	5.11	1.08	5.32	1.07	6.64	1.31	7.52	1.48
	29	4.91	1.58	5.26	1.57	5.38	1.56	5.62	1.55	6.72	1.69	7.45	1.78
	32	4.99	1.90	5.35	1.88	5.47	1.88	5.71	1.87	6.68	1.94	7.32	1.99
	35	5.00	2.18	5.35	2.16	5.47	2.16	5.70	2.15	6.55	2.17	7.11	2.19
	40	4.86	2.55	5.15	2.55	5.25	2.54	5.44	2.54	6.14	2.51	6.61	2.48
	43	4.68	2.73	4.91	2.73	4.98	2.72	5.13	2.72	5.78	2.68	6.21	2.65
	46	4.44	2.86	4.58	2.86	4.63	2.87	4.72	2.87	5.33	2.83	5.73	2.80
5.0*	22	4.20	0.68	4.46	0.67	4.54	0.67	4.71	0.66	6.14	1.01	7.09	1.24
	25	4.44	1.10	4.74	1.08	4.84	1.08	5.04	1.07	6.29	1.31	7.12	1.48
	29	4.65	1.58	4.99	1.57	5.10	1.56	5.32	1.55	6.36	1.69	7.06	1.78
	32	4.73	1.90	5.07	1.88	5.18	1.88	5.41	1.87	6.32	1.94	6.93	1.99
	35	4.74	2.18	5.07	2.16	5.18	2.16	5.40	2.15	6.20	2.17	6.74	2.19
	40	4.61	2.55	4.88	2.55	4.97	2.54	5.15	2.54	5.82	2.51	6.26	2.48
	43	4.44	2.73	4.65	2.73	4.72	2.72	4.86	2.72	5.47	2.68	5.88	2.65
	46	4.20	2.86	4.34	2.86	4.38	2.87	4.47	2.87	5.05	2.83	5.43	2.80
Note: Refer to 5.0* if the indoor is 1R CS-TZ50WKEW													
1.6 + 1.6	22	6.33	1.38	6.52	1.36	6.59	1.35	6.71	1.34	7.39	1.32	7.84	1.31
	25	6.26	1.57	6.48	1.57	6.55	1.57	6.69	1.57	7.38	1.58	7.84	1.59
	29	6.11	1.80	6.34	1.81	6.42	1.82	6.58	1.83	7.26	1.86	7.71	1.88
	32	5.94	1.95	6.18	1.97	6.26	1.98	6.42	2.00	7.08	2.03	7.52	2.05
	35	5.74	2.08	5.97	2.11	6.05	2.11	6.20	2.13	6.82	2.15	7.24	2.16
	40	5.30	2.27	5.50	2.28	5.57	2.28	5.70	2.29	6.24	2.26	6.60	2.25
	43	4.98	2.36	5.15	2.35	5.21	2.35	5.33	2.35	5.79	2.28	6.10	2.23
	46	4.62	2.43	4.76	2.40	4.80	2.39	4.89	2.37	5.27	2.25	5.53	2.17
1.6 + 2.0	22	6.33	1.35	6.52	1.33	6.59	1.33	6.71	1.31	7.39	1.30	7.84	1.29
	25	6.26	1.54	6.48	1.54	6.55	1.54	6.69	1.54	7.38	1.55	7.84	1.56
	29	6.11	1.76	6.34	1.78	6.42	1.79	6.58	1.80	7.26	1.83	7.71	1.85
	32	5.94	1.91	6.18	1.94	6.26	1.94	6.42	1.96	7.08	1.99	7.52	2.01
	35	5.74	2.04	5.97	2.07	6.05	2.07	6.20	2.09	6.82	2.11	7.24	2.12
	40	5.30	2.23	5.50	2.24	5.57	2.24	5.70	2.25	6.24	2.22	6.60	2.20
	43	4.98	2.31	5.15	2.31	5.21	2.31	5.33	2.30	5.79	2.24	6.10	2.19
	46	4.62	2.39	4.76	2.36	4.80	2.35	4.89	2.33	5.27	2.21	5.53	2.13
1.6 + 2.5	22	6.33	1.35	6.52	1.33	6.59	1.33	6.71	1.31	7.39	1.30	7.84	1.29
	25	6.26	1.54	6.48	1.54	6.55	1.54	6.69	1.54	7.38	1.55	7.84	1.56
	29	6.11	1.76	6.34	1.78	6.42	1.79	6.58	1.80	7.26	1.83	7.71	1.85
	32	5.94	1.91	6.18	1.94	6.26	1.94	6.42	1.96	7.08	1.99	7.52	2.01
	35	5.74	2.04	5.97	2.07	6.05	2.07	6.20	2.09	6.82	2.11	7.24	2.12
	40	5.30	2.23	5.50	2.24	5.57	2.24	5.70	2.25	6.24	2.22	6.60	2.20
	43	4.98	2.31	5.15	2.31	5.21	2.31	5.33	2.30	5.79	2.24	6.10	2.19
	46	4.62	2.39	4.76	2.36	4.80	2.35	4.89	2.33	5.27	2.21	5.53	2.13

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6 + 3.5	22	6.43	1.36	6.63	1.34	6.69	1.33	6.82	1.32	7.51	1.30	7.96	1.29
	25	6.36	1.55	6.58	1.55	6.66	1.55	6.80	1.55	7.50	1.56	7.96	1.57
	29	6.21	1.77	6.44	1.79	6.52	1.79	6.68	1.81	7.37	1.84	7.83	1.86
	32	6.04	1.92	6.28	1.94	6.36	1.95	6.52	1.97	7.19	2.00	7.64	2.02
	35	5.83	2.05	6.07	2.08	6.14	2.08	6.30	2.10	6.93	2.12	7.36	2.13
	40	5.39	2.24	5.59	2.25	5.66	2.25	5.80	2.26	6.34	2.23	6.71	2.22
	43	5.06	2.33	5.24	2.32	5.30	2.32	5.41	2.31	5.89	2.25	6.20	2.20
	46	4.70	2.40	4.83	2.37	4.88	2.36	4.97	2.34	5.36	2.22	5.62	2.14
1.6 + 4.2	22	6.53	1.39	6.73	1.36	6.80	1.36	6.93	1.34	7.63	1.33	8.09	1.32
	25	6.46	1.58	6.69	1.58	6.76	1.58	6.91	1.58	7.62	1.59	8.09	1.60
	29	6.31	1.81	6.55	1.82	6.63	1.83	6.79	1.84	7.49	1.87	7.96	1.89
	32	6.14	1.96	6.38	1.98	6.46	1.99	6.63	2.00	7.30	2.04	7.76	2.06
	35	5.92	2.09	6.16	2.12	6.24	2.12	6.40	2.14	7.04	2.16	7.47	2.17
	40	5.47	2.28	5.68	2.29	5.75	2.29	5.89	2.30	6.44	2.27	6.81	2.26
	43	5.14	2.37	5.32	2.36	5.38	2.36	5.50	2.36	5.98	2.29	6.30	2.24
	46	4.77	2.44	4.91	2.41	4.96	2.40	5.05	2.39	5.44	2.26	5.71	2.18
1.6 + 5.0	22	6.53	1.18	6.73	1.16	6.80	1.15	6.93	1.14	7.63	1.13	8.09	1.12
	25	6.46	1.34	6.69	1.34	6.76	1.34	6.91	1.34	7.62	1.35	8.09	1.36
	29	6.31	1.54	6.55	1.55	6.63	1.56	6.79	1.57	7.49	1.59	7.96	1.61
	32	6.14	1.67	6.38	1.69	6.46	1.69	6.63	1.71	7.30	1.73	7.76	1.75
	35	5.92	1.78	6.16	1.80	6.24	1.81	6.40	1.82	7.04	1.84	7.47	1.85
	40	5.47	1.94	5.68	1.95	5.75	1.95	5.89	1.96	6.44	1.93	6.81	1.92
	43	5.14	2.02	5.32	2.01	5.38	2.01	5.50	2.00	5.98	1.95	6.30	1.91
	46	4.77	2.08	4.91	2.05	4.96	2.04	5.05	2.03	5.44	1.92	5.71	1.86
2.0 + 2.0	22	6.33	1.33	6.52	1.31	6.59	1.30	6.71	1.29	7.39	1.27	7.84	1.26
	25	6.26	1.51	6.48	1.51	6.55	1.51	6.69	1.51	7.38	1.52	7.84	1.53
	29	6.11	1.73	6.34	1.75	6.42	1.75	6.58	1.76	7.26	1.79	7.71	1.81
	32	5.94	1.88	6.18	1.90	6.26	1.91	6.42	1.92	7.08	1.95	7.52	1.97
	35	5.74	2.00	5.97	2.03	6.05	2.03	6.20	2.05	6.82	2.07	7.24	2.08
	40	5.30	2.18	5.50	2.19	5.57	2.20	5.70	2.20	6.24	2.18	6.60	2.16
	43	4.98	2.27	5.15	2.26	5.21	2.26	5.33	2.26	5.79	2.19	6.10	2.15
	46	4.62	2.34	4.76	2.31	4.80	2.30	4.89	2.28	5.27	2.17	5.53	2.09
2.0 + 2.5	22	6.33	1.33	6.52	1.31	6.59	1.30	6.71	1.29	7.39	1.27	7.84	1.26
	25	6.26	1.51	6.48	1.51	6.55	1.51	6.69	1.51	7.38	1.52	7.84	1.53
	29	6.11	1.73	6.34	1.75	6.42	1.75	6.58	1.76	7.26	1.79	7.71	1.81
	32	5.94	1.88	6.18	1.90	6.26	1.91	6.42	1.92	7.08	1.95	7.52	1.97
	35	5.74	2.00	5.97	2.03	6.05	2.03	6.20	2.05	6.82	2.07	7.24	2.08
	40	5.30	2.18	5.50	2.19	5.57	2.20	5.70	2.20	6.24	2.18	6.60	2.16
	43	4.98	2.27	5.15	2.26	5.21	2.26	5.33	2.26	5.79	2.19	6.10	2.15
	46	4.62	2.34	4.76	2.31	4.80	2.30	4.89	2.28	5.27	2.17	5.53	2.09

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.0 + 3.5	22	6.43	1.33	6.63	1.31	6.69	1.31	6.82	1.29	7.51	1.28	7.96	1.27
	25	6.36	1.52	6.58	1.52	6.66	1.52	6.80	1.52	7.50	1.53	7.96	1.54
	29	6.21	1.74	6.44	1.76	6.52	1.76	6.68	1.77	7.37	1.80	7.83	1.82
	32	6.04	1.88	6.28	1.91	6.36	1.91	6.52	1.93	7.19	1.96	7.64	1.98
	35	5.83	2.01	6.07	2.04	6.14	2.04	6.30	2.06	6.93	2.08	7.36	2.09
	40	5.39	2.19	5.59	2.20	5.66	2.21	5.80	2.21	6.34	2.19	6.71	2.17
	43	5.06	2.28	5.24	2.28	5.30	2.27	5.41	2.27	5.89	2.20	6.20	2.16
	46	4.70	2.35	4.83	2.32	4.88	2.31	4.97	2.30	5.36	2.18	5.62	2.10
2.0 + 4.2	22	6.53	1.36	6.73	1.34	6.80	1.33	6.93	1.32	7.63	1.30	8.09	1.29
	25	6.46	1.55	6.69	1.55	6.76	1.55	6.91	1.55	7.62	1.56	8.09	1.57
	29	6.31	1.77	6.55	1.79	6.63	1.79	6.79	1.81	7.49	1.84	7.96	1.86
	32	6.14	1.92	6.38	1.94	6.46	1.95	6.63	1.97	7.30	2.00	7.76	2.02
	35	5.92	2.05	6.16	2.08	6.24	2.08	6.40	2.10	7.04	2.12	7.47	2.13
	40	5.47	2.24	5.68	2.25	5.75	2.25	5.89	2.26	6.44	2.23	6.81	2.22
	43	5.14	2.33	5.32	2.32	5.38	2.32	5.50	2.31	5.98	2.25	6.30	2.20
	46	4.77	2.40	4.91	2.37	4.96	2.36	5.05	2.34	5.44	2.22	5.71	2.14
2.0 + 5.0	22	6.53	1.18	6.73	1.16	6.80	1.15	6.93	1.14	7.63	1.13	8.09	1.12
	25	6.46	1.34	6.69	1.34	6.76	1.34	6.91	1.34	7.62	1.35	8.09	1.36
	29	6.31	1.54	6.55	1.55	6.63	1.56	6.79	1.57	7.49	1.59	7.96	1.61
	32	6.14	1.67	6.38	1.69	6.46	1.69	6.63	1.71	7.30	1.73	7.76	1.75
	35	5.92	1.78	6.16	1.80	6.24	1.81	6.40	1.82	7.04	1.84	7.47	1.85
	40	5.47	1.94	5.68	1.95	5.75	1.95	5.89	1.96	6.44	1.93	6.81	1.92
	43	5.14	2.02	5.32	2.01	5.38	2.01	5.50	2.00	5.98	1.95	6.30	1.91
	46	4.77	2.08	4.91	2.05	4.96	2.04	5.05	2.03	5.44	1.92	5.71	1.86
2.5 + 2.5	22	6.33	1.33	6.52	1.31	6.59	1.30	6.71	1.29	7.39	1.27	7.84	1.26
	25	6.26	1.51	6.48	1.51	6.55	1.51	6.69	1.51	7.38	1.52	7.84	1.53
	29	6.11	1.73	6.34	1.75	6.42	1.75	6.58	1.76	7.26	1.79	7.71	1.81
	32	5.94	1.88	6.18	1.90	6.26	1.91	6.42	1.92	7.08	1.95	7.52	1.97
	35	5.74	2.00	5.97	2.03	6.05	2.03	6.20	2.05	6.82	2.07	7.24	2.08
	40	5.30	2.18	5.50	2.19	5.57	2.20	5.70	2.20	6.24	2.18	6.60	2.16
	43	4.98	2.27	5.15	2.26	5.21	2.26	5.33	2.26	5.79	2.19	6.10	2.15
	46	4.62	2.34	4.76	2.31	4.80	2.30	4.89	2.28	5.27	2.17	5.53	2.09
2.5 + 3.5	22	6.43	1.33	6.63	1.31	6.69	1.31	6.82	1.29	7.51	1.28	7.96	1.27
	25	6.36	1.52	6.58	1.52	6.66	1.52	6.80	1.52	7.50	1.53	7.96	1.54
	29	6.21	1.74	6.44	1.76	6.52	1.76	6.68	1.77	7.37	1.80	7.83	1.82
	32	6.04	1.88	6.28	1.91	6.36	1.91	6.52	1.93	7.19	1.96	7.64	1.98
	35	5.83	2.01	6.07	2.04	6.14	2.04	6.30	2.06	6.93	2.08	7.36	2.09
	40	5.39	2.19	5.59	2.20	5.66	2.21	5.80	2.21	6.34	2.19	6.71	2.17
	43	5.06	2.28	5.24	2.28	5.30	2.27	5.41	2.27	5.89	2.20	6.20	2.16
	46	4.70	2.35	4.83	2.32	4.88	2.31	4.97	2.30	5.36	2.18	5.62	2.10

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.5 + 4.2	22	6.53	1.36	6.73	1.34	6.80	1.33	6.93	1.32	7.63	1.30	8.09	1.29
	25	6.46	1.55	6.69	1.55	6.76	1.55	6.91	1.55	7.62	1.56	8.09	1.57
	29	6.31	1.77	6.55	1.79	6.63	1.79	6.79	1.81	7.49	1.84	7.96	1.86
	32	6.14	1.92	6.38	1.94	6.46	1.95	6.63	1.97	7.30	2.00	7.76	2.02
	35	5.92	2.05	6.16	2.08	6.24	2.08	6.40	2.10	7.04	2.12	7.47	2.13
	40	5.47	2.24	5.68	2.25	5.75	2.25	5.89	2.26	6.44	2.23	6.81	2.22
	43	5.14	2.33	5.32	2.32	5.38	2.32	5.50	2.31	5.98	2.25	6.30	2.20
	46	4.77	2.40	4.91	2.37	4.96	2.36	5.05	2.34	5.44	2.22	5.71	2.14
2.5 + 5.0	22	6.53	1.18	6.73	1.16	6.80	1.15	6.93	1.14	7.63	1.13	8.09	1.12
	25	6.46	1.34	6.69	1.34	6.76	1.34	6.91	1.34	7.62	1.35	8.09	1.36
	29	6.31	1.54	6.55	1.55	6.63	1.56	6.79	1.57	7.49	1.59	7.96	1.61
	32	6.14	1.67	6.38	1.69	6.46	1.69	6.63	1.71	7.30	1.73	7.76	1.75
	35	5.92	1.78	6.16	1.80	6.24	1.81	6.40	1.82	7.04	1.84	7.47	1.85
	40	5.47	1.94	5.68	1.95	5.75	1.95	5.89	1.96	6.44	1.93	6.81	1.92
	43	5.14	2.02	5.32	2.01	5.38	2.01	5.50	2.00	5.98	1.95	6.30	1.91
	46	4.77	2.08	4.91	2.05	4.96	2.04	5.05	2.03	5.44	1.92	5.71	1.86
3.5 + 3.5	22	6.53	1.33	6.73	1.31	6.80	1.31	6.93	1.29	7.63	1.28	8.09	1.27
	25	6.46	1.52	6.69	1.52	6.76	1.52	6.91	1.52	7.62	1.53	8.09	1.54
	29	6.31	1.74	6.55	1.76	6.63	1.76	6.79	1.77	7.49	1.80	7.96	1.82
	32	6.14	1.88	6.38	1.91	6.46	1.91	6.63	1.93	7.30	1.96	7.76	1.98
	35	5.92	2.01	6.16	2.04	6.24	2.04	6.40	2.06	7.04	2.08	7.47	2.09
	40	5.47	2.19	5.68	2.20	5.75	2.21	5.89	2.21	6.44	2.19	6.81	2.17
	43	5.14	2.28	5.32	2.28	5.38	2.27	5.50	2.27	5.98	2.20	6.30	2.16
	46	4.77	2.35	4.91	2.32	4.96	2.31	5.05	2.30	5.44	2.18	5.71	2.10
3.5 + 4.2	22	6.53	1.33	6.73	1.31	6.80	1.31	6.93	1.29	7.63	1.28	8.09	1.27
	25	6.46	1.52	6.69	1.52	6.76	1.52	6.91	1.52	7.62	1.53	8.09	1.54
	29	6.31	1.74	6.55	1.76	6.63	1.76	6.79	1.77	7.49	1.80	7.96	1.82
	32	6.14	1.88	6.38	1.91	6.46	1.91	6.63	1.93	7.30	1.96	7.76	1.98
	35	5.92	2.01	6.16	2.04	6.24	2.04	6.40	2.06	7.04	2.08	7.47	2.09
	40	5.47	2.19	5.68	2.20	5.75	2.21	5.89	2.21	6.44	2.19	6.81	2.17
	43	5.14	2.28	5.32	2.28	5.38	2.27	5.50	2.27	5.98	2.20	6.30	2.16
	46	4.77	2.35	4.91	2.32	4.96	2.31	5.05	2.30	5.44	2.18	5.71	2.10
3.5 + 5.0	22	6.53	1.12	6.73	1.10	6.80	1.10	6.93	1.09	7.63	1.07	8.09	1.07
	25	6.46	1.28	6.69	1.27	6.76	1.27	6.91	1.27	7.62	1.28	8.09	1.29
	29	6.31	1.46	6.55	1.47	6.63	1.48	6.79	1.49	7.49	1.51	7.96	1.53
	32	6.14	1.58	6.38	1.60	6.46	1.61	6.63	1.62	7.30	1.65	7.76	1.66
	35	5.92	1.69	6.16	1.71	6.24	1.72	6.40	1.73	7.04	1.75	7.47	1.76
	40	5.47	1.84	5.68	1.85	5.75	1.85	5.89	1.86	6.44	1.84	6.81	1.82
	43	5.14	1.92	5.32	1.91	5.38	1.91	5.50	1.91	5.98	1.85	6.30	1.81
	46	4.77	1.97	4.91	1.95	4.96	1.94	5.05	1.93	5.44	1.83	5.71	1.76

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
4.2 + 4.2	22	6.53	1.31	6.73	1.29	6.80	1.28	6.93	1.27	7.63	1.25	8.09	1.24
	25	6.46	1.49	6.69	1.49	6.76	1.49	6.91	1.49	7.62	1.50	8.09	1.51
	29	6.31	1.70	6.55	1.72	6.63	1.73	6.79	1.74	7.49	1.77	7.96	1.78
	32	6.14	1.85	6.38	1.87	6.46	1.88	6.63	1.89	7.30	1.92	7.76	1.94
	35	5.92	1.98	6.16	2.00	6.24	2.01	6.40	2.02	7.04	2.04	7.47	2.05
	40	5.47	2.15	5.68	2.16	5.75	2.16	5.89	2.17	6.44	2.15	6.81	2.13
	43	5.14	2.24	5.32	2.23	5.38	2.23	5.50	2.23	5.98	2.16	6.30	2.12
	46	4.77	2.31	4.91	2.28	4.96	2.27	5.05	2.25	5.44	2.14	5.71	2.06
4.2 + 5.0	22	6.53	1.12	6.73	1.10	6.80	1.10	6.93	1.09	7.63	1.07	8.09	1.07
	25	6.46	1.28	6.69	1.27	6.76	1.27	6.91	1.27	7.62	1.28	8.09	1.29
	29	6.31	1.46	6.55	1.47	6.63	1.48	6.79	1.49	7.49	1.51	7.96	1.53
	32	6.14	1.58	6.38	1.60	6.46	1.61	6.63	1.62	7.30	1.65	7.76	1.66
	35	5.92	1.69	6.16	1.71	6.24	1.72	6.40	1.73	7.04	1.75	7.47	1.76
	40	5.47	1.84	5.68	1.85	5.75	1.85	5.89	1.86	6.44	1.84	6.81	1.82
	43	5.14	1.92	5.32	1.91	5.38	1.91	5.50	1.91	5.98	1.85	6.30	1.81
	46	4.77	1.97	4.91	1.95	4.96	1.94	5.05	1.93	5.44	1.83	5.71	1.76
1.6 + 1.6 + 1.6	22	6.74	1.16	6.94	1.14	7.01	1.14	7.15	1.12	7.87	1.11	8.34	1.10
	25	6.67	1.32	6.90	1.32	6.97	1.32	7.13	1.32	7.86	1.33	8.34	1.33
	29	6.50	1.51	6.75	1.52	6.83	1.53	7.00	1.54	7.72	1.56	8.21	1.58
	32	6.33	1.64	6.58	1.66	6.66	1.66	6.83	1.68	7.53	1.70	8.00	1.72
	35	6.11	1.75	6.35	1.77	6.44	1.78	6.60	1.79	7.26	1.81	7.71	1.82
	40	5.64	1.91	5.86	1.92	5.93	1.92	6.07	1.92	6.64	1.90	7.02	1.89
	43	5.31	1.98	5.49	1.98	5.55	1.98	5.67	1.97	6.17	1.91	6.50	1.88
	46	4.92	2.04	5.06	2.02	5.11	2.01	5.20	1.99	5.61	1.89	5.88	1.83
1.6 + 1.6 + 2.0	22	6.74	1.17	6.94	1.15	7.01	1.14	7.15	1.13	7.87	1.12	8.34	1.11
	25	6.67	1.33	6.90	1.33	6.97	1.33	7.13	1.33	7.86	1.34	8.34	1.34
	29	6.50	1.52	6.75	1.53	6.83	1.54	7.00	1.55	7.72	1.57	8.21	1.59
	32	6.33	1.65	6.58	1.67	6.66	1.67	6.83	1.69	7.53	1.71	8.00	1.73
	35	6.11	1.76	6.35	1.78	6.44	1.79	6.60	1.80	7.26	1.82	7.71	1.83
	40	5.64	1.92	5.86	1.93	5.93	1.93	6.07	1.93	6.64	1.91	7.02	1.90
	43	5.31	1.99	5.49	1.99	5.55	1.99	5.67	1.98	6.17	1.93	6.50	1.89
	46	4.92	2.05	5.06	2.03	5.11	2.02	5.20	2.01	5.61	1.90	5.88	1.84
1.6 + 1.6 + 2.5	22	6.74	1.17	6.94	1.15	7.01	1.14	7.15	1.13	7.87	1.12	8.34	1.11
	25	6.67	1.33	6.90	1.33	6.97	1.33	7.13	1.33	7.86	1.34	8.34	1.34
	29	6.50	1.52	6.75	1.53	6.83	1.54	7.00	1.55	7.72	1.57	8.21	1.59
	32	6.33	1.65	6.58	1.67	6.66	1.67	6.83	1.69	7.53	1.71	8.00	1.73
	35	6.11	1.76	6.35	1.78	6.44	1.79	6.60	1.80	7.26	1.82	7.71	1.83
	40	5.64	1.92	5.86	1.93	5.93	1.93	6.07	1.93	6.64	1.91	7.02	1.90
	43	5.31	1.99	5.49	1.99	5.55	1.99	5.67	1.98	6.17	1.93	6.50	1.89
	46	4.92	2.05	5.06	2.03	5.11	2.02	5.20	2.01	5.61	1.90	5.88	1.84

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6 + 1.6 + 3.5	22	6.74	1.13	6.94	1.12	7.01	1.11	7.15	1.10	7.87	1.09	8.34	1.08
	25	6.67	1.29	6.90	1.29	6.97	1.29	7.13	1.29	7.86	1.30	8.34	1.31
	29	6.50	1.48	6.75	1.49	6.83	1.50	7.00	1.50	7.72	1.53	8.21	1.55
	32	6.33	1.60	6.58	1.62	6.66	1.63	6.83	1.64	7.53	1.66	8.00	1.68
	35	6.11	1.71	6.35	1.73	6.44	1.74	6.60	1.75	7.26	1.77	7.71	1.78
	40	5.64	1.86	5.86	1.87	5.93	1.88	6.07	1.88	6.64	1.86	7.02	1.85
	43	5.31	1.94	5.49	1.93	5.55	1.93	5.67	1.93	6.17	1.87	6.50	1.84
	46	4.92	2.00	5.06	1.97	5.11	1.97	5.20	1.95	5.61	1.85	5.88	1.78
1.6 + 1.6 + 4.2	22	6.74	1.11	6.94	1.09	7.01	1.08	7.15	1.07	7.87	1.06	8.34	1.05
	25	6.67	1.26	6.90	1.26	6.97	1.26	7.13	1.26	7.86	1.27	8.34	1.28
	29	6.50	1.44	6.75	1.46	6.83	1.46	7.00	1.47	7.72	1.49	8.21	1.51
	32	6.33	1.56	6.58	1.58	6.66	1.59	6.83	1.60	7.53	1.63	8.00	1.64
	35	6.11	1.67	6.35	1.69	6.44	1.70	6.60	1.71	7.26	1.73	7.71	1.74
	40	5.64	1.82	5.86	1.83	5.93	1.83	6.07	1.84	6.64	1.82	7.02	1.80
	43	5.31	1.89	5.49	1.89	5.55	1.89	5.67	1.88	6.17	1.83	6.50	1.79
	46	4.92	1.95	5.06	1.93	5.11	1.92	5.20	1.91	5.61	1.81	5.88	1.74
1.6 + 1.6 + 5.0	22	6.74	1.03	6.94	1.01	7.01	1.01	7.15	1.00	7.87	0.99	8.34	0.98
	25	6.67	1.17	6.90	1.17	6.97	1.17	7.13	1.17	7.86	1.18	8.34	1.19
	29	6.50	1.34	6.75	1.35	6.83	1.36	7.00	1.37	7.72	1.39	8.21	1.40
	32	6.33	1.45	6.58	1.47	6.66	1.48	6.83	1.49	7.53	1.51	8.00	1.53
	35	6.11	1.55	6.35	1.57	6.44	1.58	6.60	1.59	7.26	1.60	7.71	1.61
	40	5.64	1.69	5.86	1.70	5.93	1.70	6.07	1.71	6.64	1.69	7.02	1.68
	43	5.31	1.76	5.49	1.76	5.55	1.75	5.67	1.75	6.17	1.70	6.50	1.67
	46	4.92	1.81	5.06	1.79	5.11	1.79	5.20	1.77	5.61	1.68	5.88	1.62
1.6 + 2.0 + 2.0	22	6.74	1.13	6.94	1.12	7.01	1.11	7.15	1.10	7.87	1.09	8.34	1.08
	25	6.67	1.29	6.90	1.29	6.97	1.29	7.13	1.29	7.86	1.30	8.34	1.31
	29	6.50	1.48	6.75	1.49	6.83	1.50	7.00	1.50	7.72	1.53	8.21	1.55
	32	6.33	1.60	6.58	1.62	6.66	1.63	6.83	1.64	7.53	1.66	8.00	1.68
	35	6.11	1.71	6.35	1.73	6.44	1.74	6.60	1.75	7.26	1.77	7.71	1.78
	40	5.64	1.86	5.86	1.87	5.93	1.88	6.07	1.88	6.64	1.86	7.02	1.85
	43	5.31	1.94	5.49	1.93	5.55	1.93	5.67	1.93	6.17	1.87	6.50	1.84
	46	4.92	2.00	5.06	1.97	5.11	1.97	5.20	1.95	5.61	1.85	5.88	1.78
1.6 + 2.0 + 2.5	22	6.74	1.13	6.94	1.12	7.01	1.11	7.15	1.10	7.87	1.09	8.34	1.08
	25	6.67	1.29	6.90	1.29	6.97	1.29	7.13	1.29	7.86	1.30	8.34	1.31
	29	6.50	1.48	6.75	1.49	6.83	1.50	7.00	1.50	7.72	1.53	8.21	1.55
	32	6.33	1.60	6.58	1.62	6.66	1.63	6.83	1.64	7.53	1.66	8.00	1.68
	35	6.11	1.71	6.35	1.73	6.44	1.74	6.60	1.75	7.26	1.77	7.71	1.78
	40	5.64	1.86	5.86	1.87	5.93	1.88	6.07	1.88	6.64	1.86	7.02	1.85
	43	5.31	1.94	5.49	1.93	5.55	1.93	5.67	1.93	6.17	1.87	6.50	1.84
	46	4.92	2.00	5.06	1.97	5.11	1.97	5.20	1.95	5.61	1.85	5.88	1.78

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6 + 2.0 + 3.5	22	6.74	1.11	6.94	1.09	7.01	1.08	7.15	1.07	7.87	1.06	8.34	1.05
	25	6.67	1.26	6.90	1.26	6.97	1.26	7.13	1.26	7.86	1.27	8.34	1.28
	29	6.50	1.44	6.75	1.46	6.83	1.46	7.00	1.47	7.72	1.49	8.21	1.51
	32	6.33	1.56	6.58	1.58	6.66	1.59	6.83	1.60	7.53	1.63	8.00	1.64
	35	6.11	1.67	6.35	1.69	6.44	1.70	6.60	1.71	7.26	1.73	7.71	1.74
	40	5.64	1.82	5.86	1.83	5.93	1.83	6.07	1.84	6.64	1.82	7.02	1.80
	43	5.31	1.89	5.49	1.89	5.55	1.89	5.67	1.88	6.17	1.83	6.50	1.79
	46	4.92	1.95	5.06	1.93	5.11	1.92	5.20	1.91	5.61	1.81	5.88	1.74
1.6 + 2.0 + 4.2	22	6.74	1.11	6.94	1.09	7.01	1.08	7.15	1.07	7.87	1.06	8.34	1.05
	25	6.67	1.26	6.90	1.26	6.97	1.26	7.13	1.26	7.86	1.27	8.34	1.28
	29	6.50	1.44	6.75	1.46	6.83	1.46	7.00	1.47	7.72	1.49	8.21	1.51
	32	6.33	1.56	6.58	1.58	6.66	1.59	6.83	1.60	7.53	1.63	8.00	1.64
	35	6.11	1.67	6.35	1.69	6.44	1.70	6.60	1.71	7.26	1.73	7.71	1.74
	40	5.64	1.82	5.86	1.83	5.93	1.83	6.07	1.84	6.64	1.82	7.02	1.80
	43	5.31	1.89	5.49	1.89	5.55	1.89	5.67	1.88	6.17	1.83	6.50	1.79
	46	4.92	1.95	5.06	1.93	5.11	1.92	5.20	1.91	5.61	1.81	5.88	1.74
1.6 + 2.0 + 5.0	22	6.74	1.03	6.94	1.01	7.01	1.01	7.15	1.00	7.87	0.99	8.34	0.98
	25	6.67	1.17	6.90	1.17	6.97	1.17	7.13	1.17	7.86	1.18	8.34	1.19
	29	6.50	1.34	6.75	1.35	6.83	1.36	7.00	1.37	7.72	1.39	8.21	1.40
	32	6.33	1.45	6.58	1.47	6.66	1.48	6.83	1.49	7.53	1.51	8.00	1.53
	35	6.11	1.55	6.35	1.57	6.44	1.58	6.60	1.59	7.26	1.60	7.71	1.61
	40	5.64	1.69	5.86	1.70	5.93	1.70	6.07	1.71	6.64	1.69	7.02	1.68
	43	5.31	1.76	5.49	1.76	5.55	1.75	5.67	1.75	6.17	1.70	6.50	1.67
	46	4.92	1.81	5.06	1.79	5.11	1.79	5.20	1.77	5.61	1.68	5.88	1.62
1.6 + 2.5 + 2.5	22	6.74	1.13	6.94	1.12	7.01	1.11	7.15	1.10	7.87	1.09	8.34	1.08
	25	6.67	1.29	6.90	1.29	6.97	1.29	7.13	1.29	7.86	1.30	8.34	1.31
	29	6.50	1.48	6.75	1.49	6.83	1.50	7.00	1.50	7.72	1.53	8.21	1.55
	32	6.33	1.60	6.58	1.62	6.66	1.63	6.83	1.64	7.53	1.66	8.00	1.68
	35	6.11	1.71	6.35	1.73	6.44	1.74	6.60	1.75	7.26	1.77	7.71	1.78
	40	5.64	1.86	5.86	1.87	5.93	1.88	6.07	1.88	6.64	1.86	7.02	1.85
	43	5.31	1.94	5.49	1.93	5.55	1.93	5.67	1.93	6.17	1.87	6.50	1.84
	46	4.92	2.00	5.06	1.97	5.11	1.97	5.20	1.95	5.61	1.85	5.88	1.78
1.6 + 2.5 + 3.5	22	6.74	1.11	6.94	1.09	7.01	1.08	7.15	1.07	7.87	1.06	8.34	1.05
	25	6.67	1.26	6.90	1.26	6.97	1.26	7.13	1.26	7.86	1.27	8.34	1.28
	29	6.50	1.44	6.75	1.46	6.83	1.46	7.00	1.47	7.72	1.49	8.21	1.51
	32	6.33	1.56	6.58	1.58	6.66	1.59	6.83	1.60	7.53	1.63	8.00	1.64
	35	6.11	1.67	6.35	1.69	6.44	1.70	6.60	1.71	7.26	1.73	7.71	1.74
	40	5.64	1.82	5.86	1.83	5.93	1.83	6.07	1.84	6.64	1.82	7.02	1.80
	43	5.31	1.89	5.49	1.89	5.55	1.89	5.67	1.88	6.17	1.83	6.50	1.79
	46	4.92	1.95	5.06	1.93	5.11	1.92	5.20	1.91	5.61	1.81	5.88	1.74

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6 + 2.5 + 4.2	22	6.74	1.11	6.94	1.09	7.01	1.08	7.15	1.07	7.87	1.06	8.34	1.05
	25	6.67	1.26	6.90	1.26	6.97	1.26	7.13	1.26	7.86	1.27	8.34	1.28
	29	6.50	1.44	6.75	1.46	6.83	1.46	7.00	1.47	7.72	1.49	8.21	1.51
	32	6.33	1.56	6.58	1.58	6.66	1.59	6.83	1.60	7.53	1.63	8.00	1.64
	35	6.11	1.67	6.35	1.69	6.44	1.70	6.60	1.71	7.26	1.73	7.71	1.74
	40	5.64	1.82	5.86	1.83	5.93	1.83	6.07	1.84	6.64	1.82	7.02	1.80
	43	5.31	1.89	5.49	1.89	5.55	1.89	5.67	1.88	6.17	1.83	6.50	1.79
	46	4.92	1.95	5.06	1.93	5.11	1.92	5.20	1.91	5.61	1.81	5.88	1.74
1.6 + 2.5 + 5.0	22	6.74	1.03	6.94	1.01	7.01	1.01	7.15	1.00	7.87	0.99	8.34	0.98
	25	6.67	1.17	6.90	1.17	6.97	1.17	7.13	1.17	7.86	1.18	8.34	1.19
	29	6.50	1.34	6.75	1.35	6.83	1.36	7.00	1.37	7.72	1.39	8.21	1.40
	32	6.33	1.45	6.58	1.47	6.66	1.48	6.83	1.49	7.53	1.51	8.00	1.53
	35	6.11	1.55	6.35	1.57	6.44	1.58	6.60	1.59	7.26	1.60	7.71	1.61
	40	5.64	1.69	5.86	1.70	5.93	1.70	6.07	1.71	6.64	1.69	7.02	1.68
	43	5.31	1.76	5.49	1.76	5.55	1.75	5.67	1.75	6.17	1.70	6.50	1.67
	46	4.92	1.81	5.06	1.79	5.11	1.79	5.20	1.77	5.61	1.68	5.88	1.62
1.6 + 3.5 + 3.5	22	6.74	1.11	6.94	1.09	7.01	1.08	7.15	1.07	7.87	1.06	8.34	1.05
	25	6.67	1.26	6.90	1.26	6.97	1.26	7.13	1.26	7.86	1.27	8.34	1.28
	29	6.50	1.44	6.75	1.46	6.83	1.46	7.00	1.47	7.72	1.49	8.21	1.51
	32	6.33	1.56	6.58	1.58	6.66	1.59	6.83	1.60	7.53	1.63	8.00	1.64
	35	6.11	1.67	6.35	1.69	6.44	1.70	6.60	1.71	7.26	1.73	7.71	1.74
	40	5.64	1.82	5.86	1.83	5.93	1.83	6.07	1.84	6.64	1.82	7.02	1.80
	43	5.31	1.89	5.49	1.89	5.55	1.89	5.67	1.88	6.17	1.83	6.50	1.79
	46	4.92	1.95	5.06	1.93	5.11	1.92	5.20	1.91	5.61	1.81	5.88	1.74
1.6 + 3.5 + 4.2	22	6.74	1.08	6.94	1.06	7.01	1.06	7.15	1.05	7.87	1.04	8.34	1.03
	25	6.67	1.23	6.90	1.23	6.97	1.23	7.13	1.23	7.86	1.24	8.34	1.25
	29	6.50	1.41	6.75	1.42	6.83	1.43	7.00	1.44	7.72	1.46	8.21	1.48
	32	6.33	1.53	6.58	1.55	6.66	1.55	6.83	1.56	7.53	1.59	8.00	1.60
	35	6.11	1.63	6.35	1.65	6.44	1.66	6.60	1.67	7.26	1.68	7.71	1.69
	40	5.64	1.78	5.86	1.79	5.93	1.79	6.07	1.80	6.64	1.77	7.02	1.76
	43	5.31	1.85	5.49	1.84	5.55	1.84	5.67	1.84	6.17	1.79	6.50	1.75
	46	4.92	1.91	5.06	1.88	5.11	1.88	5.20	1.86	5.61	1.77	5.88	1.70
2.0 + 2.0 + 2.0	22	6.74	1.13	6.94	1.12	7.01	1.11	7.15	1.10	7.87	1.09	8.34	1.08
	25	6.67	1.29	6.90	1.29	6.97	1.29	7.13	1.29	7.86	1.30	8.34	1.31
	29	6.50	1.48	6.75	1.49	6.83	1.50	7.00	1.50	7.72	1.53	8.21	1.55
	32	6.33	1.60	6.58	1.62	6.66	1.63	6.83	1.64	7.53	1.66	8.00	1.68
	35	6.11	1.71	6.35	1.73	6.44	1.74	6.60	1.75	7.26	1.77	7.71	1.78
	40	5.64	1.86	5.86	1.87	5.93	1.88	6.07	1.88	6.64	1.86	7.02	1.85
	43	5.31	1.94	5.49	1.93	5.55	1.93	5.67	1.93	6.17	1.87	6.50	1.84
	46	4.92	2.00	5.06	1.97	5.11	1.97	5.20	1.95	5.61	1.85	5.88	1.78

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.0 + 2.0 + 2.5	22	6.74	1.13	6.94	1.12	7.01	1.11	7.15	1.10	7.87	1.09	8.34	1.08
	25	6.67	1.29	6.90	1.29	6.97	1.29	7.13	1.29	7.86	1.30	8.34	1.31
	29	6.50	1.48	6.75	1.49	6.83	1.50	7.00	1.50	7.72	1.53	8.21	1.55
	32	6.33	1.60	6.58	1.62	6.66	1.63	6.83	1.64	7.53	1.66	8.00	1.68
	35	6.11	1.71	6.35	1.73	6.44	1.74	6.60	1.75	7.26	1.77	7.71	1.78
	40	5.64	1.86	5.86	1.87	5.93	1.88	6.07	1.88	6.64	1.86	7.02	1.85
	43	5.31	1.94	5.49	1.93	5.55	1.93	5.67	1.93	6.17	1.87	6.50	1.84
	46	4.92	2.00	5.06	1.97	5.11	1.97	5.20	1.95	5.61	1.85	5.88	1.78
2.0 + 2.0 + 3.5	22	6.74	1.11	6.94	1.09	7.01	1.08	7.15	1.07	7.87	1.06	8.34	1.05
	25	6.67	1.26	6.90	1.26	6.97	1.26	7.13	1.26	7.86	1.27	8.34	1.28
	29	6.50	1.44	6.75	1.46	6.83	1.46	7.00	1.47	7.72	1.49	8.21	1.51
	32	6.33	1.56	6.58	1.58	6.66	1.59	6.83	1.60	7.53	1.63	8.00	1.64
	35	6.11	1.67	6.35	1.69	6.44	1.70	6.60	1.71	7.26	1.73	7.71	1.74
	40	5.64	1.82	5.86	1.83	5.93	1.83	6.07	1.84	6.64	1.82	7.02	1.80
	43	5.31	1.89	5.49	1.89	5.55	1.89	5.67	1.88	6.17	1.83	6.50	1.79
	46	4.92	1.95	5.06	1.93	5.11	1.92	5.20	1.91	5.61	1.81	5.88	1.74
2.0 + 2.0 + 4.2	22	6.74	1.11	6.94	1.09	7.01	1.08	7.15	1.07	7.87	1.06	8.34	1.05
	25	6.67	1.26	6.90	1.26	6.97	1.26	7.13	1.26	7.86	1.27	8.34	1.28
	29	6.50	1.44	6.75	1.46	6.83	1.46	7.00	1.47	7.72	1.49	8.21	1.51
	32	6.33	1.56	6.58	1.58	6.66	1.59	6.83	1.60	7.53	1.63	8.00	1.64
	35	6.11	1.67	6.35	1.69	6.44	1.70	6.60	1.71	7.26	1.73	7.71	1.74
	40	5.64	1.82	5.86	1.83	5.93	1.83	6.07	1.84	6.64	1.82	7.02	1.80
	43	5.31	1.89	5.49	1.89	5.55	1.89	5.67	1.88	6.17	1.83	6.50	1.79
	46	4.92	1.95	5.06	1.93	5.11	1.92	5.20	1.91	5.61	1.81	5.88	1.74
2.0 + 2.0 + 5.0	22	6.74	1.03	6.94	1.01	7.01	1.01	7.15	1.00	7.87	0.99	8.34	0.98
	25	6.67	1.17	6.90	1.17	6.97	1.17	7.13	1.17	7.86	1.18	8.34	1.19
	29	6.50	1.34	6.75	1.35	6.83	1.36	7.00	1.37	7.72	1.39	8.21	1.40
	32	6.33	1.45	6.58	1.47	6.66	1.48	6.83	1.49	7.53	1.51	8.00	1.53
	35	6.11	1.55	6.35	1.57	6.44	1.58	6.60	1.59	7.26	1.60	7.71	1.61
	40	5.64	1.69	5.86	1.70	5.93	1.70	6.07	1.71	6.64	1.69	7.02	1.68
	43	5.31	1.76	5.49	1.76	5.55	1.75	5.67	1.75	6.17	1.70	6.50	1.67
	46	4.92	1.81	5.06	1.79	5.11	1.79	5.20	1.77	5.61	1.68	5.88	1.62
2.0 + 2.5 + 2.5	22	6.74	1.13	6.94	1.12	7.01	1.11	7.15	1.10	7.87	1.09	8.34	1.08
	25	6.67	1.29	6.90	1.29	6.97	1.29	7.13	1.29	7.86	1.30	8.34	1.31
	29	6.50	1.48	6.75	1.49	6.83	1.50	7.00	1.50	7.72	1.53	8.21	1.55
	32	6.33	1.60	6.58	1.62	6.66	1.63	6.83	1.64	7.53	1.66	8.00	1.68
	35	6.11	1.71	6.35	1.73	6.44	1.74	6.60	1.75	7.26	1.77	7.71	1.78
	40	5.64	1.86	5.86	1.87	5.93	1.88	6.07	1.88	6.64	1.86	7.02	1.85
	43	5.31	1.94	5.49	1.93	5.55	1.93	5.67	1.93	6.17	1.87	6.50	1.84
	46	4.92	2.00	5.06	1.97	5.11	1.97	5.20	1.95	5.61	1.85	5.88	1.78

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.0 + 2.5 + 3.5	22	6.74	1.11	6.94	1.09	7.01	1.08	7.15	1.07	7.87	1.06	8.34	1.05
	25	6.67	1.26	6.90	1.26	6.97	1.26	7.13	1.26	7.86	1.27	8.34	1.28
	29	6.50	1.44	6.75	1.46	6.83	1.46	7.00	1.47	7.72	1.49	8.21	1.51
	32	6.33	1.56	6.58	1.58	6.66	1.59	6.83	1.60	7.53	1.63	8.00	1.64
	35	6.11	1.67	6.35	1.69	6.44	1.70	6.60	1.71	7.26	1.73	7.71	1.74
	40	5.64	1.82	5.86	1.83	5.93	1.83	6.07	1.84	6.64	1.82	7.02	1.80
	43	5.31	1.89	5.49	1.89	5.55	1.89	5.67	1.88	6.17	1.83	6.50	1.79
	46	4.92	1.95	5.06	1.93	5.11	1.92	5.20	1.91	5.61	1.81	5.88	1.74
2.0 + 2.5 + 4.2	22	6.74	1.11	6.94	1.09	7.01	1.08	7.15	1.07	7.87	1.06	8.34	1.05
	25	6.67	1.26	6.90	1.26	6.97	1.26	7.13	1.26	7.86	1.27	8.34	1.28
	29	6.50	1.44	6.75	1.46	6.83	1.46	7.00	1.47	7.72	1.49	8.21	1.51
	32	6.33	1.56	6.58	1.58	6.66	1.59	6.83	1.60	7.53	1.63	8.00	1.64
	35	6.11	1.67	6.35	1.69	6.44	1.70	6.60	1.71	7.26	1.73	7.71	1.74
	40	5.64	1.82	5.86	1.83	5.93	1.83	6.07	1.84	6.64	1.82	7.02	1.80
	43	5.31	1.89	5.49	1.89	5.55	1.89	5.67	1.88	6.17	1.83	6.50	1.79
	46	4.92	1.95	5.06	1.93	5.11	1.92	5.20	1.91	5.61	1.81	5.88	1.74
2.0 + 2.5 + 5.0	22	6.74	1.03	6.94	1.01	7.01	1.01	7.15	1.00	7.87	0.99	8.34	0.98
	25	6.67	1.17	6.90	1.17	6.97	1.17	7.13	1.17	7.86	1.18	8.34	1.19
	29	6.50	1.34	6.75	1.35	6.83	1.36	7.00	1.37	7.72	1.39	8.21	1.40
	32	6.33	1.45	6.58	1.47	6.66	1.48	6.83	1.49	7.53	1.51	8.00	1.53
	35	6.11	1.55	6.35	1.57	6.44	1.58	6.60	1.59	7.26	1.60	7.71	1.61
	40	5.64	1.69	5.86	1.70	5.93	1.70	6.07	1.71	6.64	1.69	7.02	1.68
	43	5.31	1.76	5.49	1.76	5.55	1.75	5.67	1.75	6.17	1.70	6.50	1.67
	46	4.92	1.81	5.06	1.79	5.11	1.79	5.20	1.77	5.61	1.68	5.88	1.62
2.0 + 3.5 + 3.5	22	6.74	1.08	6.94	1.06	7.01	1.06	7.15	1.05	7.87	1.04	8.34	1.03
	25	6.67	1.23	6.90	1.23	6.97	1.23	7.13	1.23	7.86	1.24	8.34	1.25
	29	6.50	1.41	6.75	1.42	6.83	1.43	7.00	1.44	7.72	1.46	8.21	1.48
	32	6.33	1.53	6.58	1.55	6.66	1.55	6.83	1.56	7.53	1.59	8.00	1.60
	35	6.11	1.63	6.35	1.65	6.44	1.66	6.60	1.67	7.26	1.68	7.71	1.69
	40	5.64	1.78	5.86	1.79	5.93	1.79	6.07	1.80	6.64	1.77	7.02	1.76
	43	5.31	1.85	5.49	1.84	5.55	1.84	5.67	1.84	6.17	1.79	6.50	1.75
	46	4.92	1.91	5.06	1.88	5.11	1.88	5.20	1.86	5.61	1.77	5.88	1.70
2.5 + 2.5 + 2.5	22	6.74	1.13	6.94	1.12	7.01	1.11	7.15	1.10	7.87	1.09	8.34	1.08
	25	6.67	1.29	6.90	1.29	6.97	1.29	7.13	1.29	7.86	1.30	8.34	1.31
	29	6.50	1.48	6.75	1.49	6.83	1.50	7.00	1.50	7.72	1.53	8.21	1.55
	32	6.33	1.60	6.58	1.62	6.66	1.63	6.83	1.64	7.53	1.66	8.00	1.68
	35	6.11	1.71	6.35	1.73	6.44	1.74	6.60	1.75	7.26	1.77	7.71	1.78
	40	5.64	1.86	5.86	1.87	5.93	1.88	6.07	1.88	6.64	1.86	7.02	1.85
	43	5.31	1.94	5.49	1.93	5.55	1.93	5.67	1.93	6.17	1.87	6.50	1.84
	46	4.92	2.00	5.06	1.97	5.11	1.97	5.20	1.95	5.61	1.85	5.88	1.78

Combination (Capacity)	Outdoor Air Temp. °C DB	Indoor Air Temp. °C											
		16		17.5		18		19		22		24	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.5 + 2.5 + 3.5	22	6.74	1.11	6.94	1.09	7.01	1.08	7.15	1.07	7.87	1.06	8.34	1.05
	25	6.67	1.26	6.90	1.26	6.97	1.26	7.13	1.26	7.86	1.27	8.34	1.28
	29	6.50	1.44	6.75	1.46	6.83	1.46	7.00	1.47	7.72	1.49	8.21	1.51
	32	6.33	1.56	6.58	1.58	6.66	1.59	6.83	1.60	7.53	1.63	8.00	1.64
	35	6.11	1.67	6.35	1.69	6.44	1.70	6.60	1.71	7.26	1.73	7.71	1.74
	40	5.64	1.82	5.86	1.83	5.93	1.83	6.07	1.84	6.64	1.82	7.02	1.80
	43	5.31	1.89	5.49	1.89	5.55	1.89	5.67	1.88	6.17	1.83	6.50	1.79
	46	4.92	1.95	5.06	1.93	5.11	1.92	5.20	1.91	5.61	1.81	5.88	1.74
2.5 + 2.5 + 4.2	22	6.74	1.11	6.94	1.09	7.01	1.08	7.15	1.07	7.87	1.06	8.34	1.05
	25	6.67	1.26	6.90	1.26	6.97	1.26	7.13	1.26	7.86	1.27	8.34	1.28
	29	6.50	1.44	6.75	1.46	6.83	1.46	7.00	1.47	7.72	1.49	8.21	1.51
	32	6.33	1.56	6.58	1.58	6.66	1.59	6.83	1.60	7.53	1.63	8.00	1.64
	35	6.11	1.67	6.35	1.69	6.44	1.70	6.60	1.71	7.26	1.73	7.71	1.74
	40	5.64	1.82	5.86	1.83	5.93	1.83	6.07	1.84	6.64	1.82	7.02	1.80
	43	5.31	1.89	5.49	1.89	5.55	1.89	5.67	1.88	6.17	1.83	6.50	1.79
	46	4.92	1.95	5.06	1.93	5.11	1.92	5.20	1.91	5.61	1.81	5.88	1.74
2.5 + 3.5 + 3.5	22	6.74	1.08	6.94	1.06	7.01	1.06	7.15	1.05	7.87	1.04	8.34	1.03
	25	6.67	1.23	6.90	1.23	6.97	1.23	7.13	1.23	7.86	1.24	8.34	1.25
	29	6.50	1.41	6.75	1.42	6.83	1.43	7.00	1.44	7.72	1.46	8.21	1.48
	32	6.33	1.53	6.58	1.55	6.66	1.55	6.83	1.56	7.53	1.59	8.00	1.60
	35	6.11	1.63	6.35	1.65	6.44	1.66	6.60	1.67	7.26	1.68	7.71	1.69
	40	5.64	1.78	5.86	1.79	5.93	1.79	6.07	1.80	6.64	1.77	7.02	1.76
	43	5.31	1.85	5.49	1.84	5.55	1.84	5.67	1.84	6.17	1.79	6.50	1.75
	46	4.92	1.91	5.06	1.88	5.11	1.88	5.20	1.86	5.61	1.77	5.88	1.70

2 Heat Mode Performance Data

Unit setting: Standard piping length, Hi Fan, Heat mode at 30°C

Voltage: 230V, 50Hz

2.1 CU-2TZ41TBE

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		1		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6	16	3.99	0.84	3.95	1.05	3.99	1.15	3.08	1.48	2.55	1.46	2.17	1.41	1.79	1.34
	18	3.95	0.89	3.90	1.10	3.90	1.20	3.19	1.47	2.65	1.45	2.25	1.40	1.86	1.33
	20	3.88	0.94	3.85	1.14	3.80	1.24	3.31	1.46	2.74	1.44	2.34	1.40	1.94	1.33
	21	3.84	0.95	3.80	1.16	3.77	1.26	3.33	1.46	2.76	1.44	2.35	1.40	1.94	1.33
	22	3.78	0.97	3.76	1.18	3.74	1.29	3.34	1.46	2.77	1.44	2.35	1.40	1.94	1.33
	24	3.61	0.99	3.66	1.22	3.69	1.34	3.38	1.45	2.79	1.44	2.37	1.40	1.94	1.33
2.0	16	5.04	1.07	4.99	1.33	5.04	1.46	3.89	1.87	3.22	1.84	2.74	1.78	2.26	1.70
	18	4.99	1.13	4.93	1.39	4.92	1.52	4.03	1.86	3.34	1.84	2.85	1.78	2.35	1.69
	20	4.90	1.19	4.86	1.44	4.80	1.57	4.18	1.85	3.47	1.83	2.96	1.77	2.45	1.68
	21	4.85	1.21	4.80	1.47	4.76	1.60	4.20	1.85	3.48	1.83	2.97	1.77	2.45	1.68
	22	4.78	1.22	4.74	1.50	4.73	1.63	4.22	1.84	3.50	1.83	2.97	1.77	2.45	1.68
	24	4.56	1.26	4.62	1.55	4.66	1.70	4.27	1.84	3.53	1.82	2.99	1.77	2.45	1.68
2.5	16	5.78	1.28	5.72	1.59	5.78	1.75	4.46	2.24	3.69	2.21	3.14	2.14	2.59	2.03
	18	5.72	1.35	5.65	1.66	5.64	1.81	4.62	2.23	3.83	2.20	3.26	2.13	2.70	2.02
	20	5.61	1.43	5.57	1.73	5.50	1.88	4.79	2.22	3.97	2.19	3.39	2.12	2.81	2.01
	21	5.56	1.45	5.50	1.76	5.46	1.92	4.81	2.21	3.99	2.19	3.40	2.12	2.81	2.01
	22	5.47	1.47	5.44	1.79	5.42	1.96	4.84	2.21	4.01	2.19	3.41	2.12	2.81	2.01
	24	5.23	1.50	5.30	1.85	5.34	2.03	4.90	2.20	4.04	2.18	3.42	2.12	2.81	2.01
3.5	16	6.51	1.36	6.45	1.69	6.51	1.86	5.02	2.38	4.15	2.35	3.53	2.27	2.91	2.16
	18	6.45	1.44	6.37	1.77	6.36	1.93	5.21	2.37	4.32	2.34	3.68	2.26	3.04	2.15
	20	6.32	1.52	6.28	1.84	6.20	2.00	5.39	2.36	4.48	2.33	3.82	2.25	3.16	2.14
	21	6.26	1.54	6.21	1.87	6.15	2.04	5.43	2.36	4.50	2.33	3.83	2.25	3.16	2.14
	22	6.17	1.56	6.13	1.91	6.11	2.08	5.46	2.35	4.52	2.33	3.84	2.25	3.16	2.14
	24	5.89	1.60	5.97	1.97	6.01	2.16	5.52	2.34	4.55	2.32	3.86	2.25	3.16	2.14
1.6 + 1.6	16	6.62	1.21	6.62	1.52	6.62	1.67	4.28	1.62	3.84	1.63	3.24	1.55	2.46	1.40
	18	6.49	1.26	6.47	1.58	6.46	1.74	4.19	1.66	3.77	1.68	3.19	1.59	2.43	1.44
	20	6.30	1.31	6.32	1.64	6.30	1.80	4.10	1.69	3.70	1.72	3.14	1.63	2.39	1.48
	21	6.36	1.33	6.34	1.66	6.33	1.82	4.21	1.73	3.80	1.75	3.22	1.66	2.46	1.50
	22	6.36	1.35	6.36	1.68	6.36	1.85	4.32	1.76	3.90	1.79	3.31	1.69	2.52	1.53
	24	6.43	1.39	6.41	1.72	6.43	1.89	4.54	1.84	4.10	1.85	3.47	1.75	2.65	1.58
1.6 + 2.0	16	6.62	1.19	6.62	1.50	6.62	1.66	4.28	1.60	3.84	1.62	3.24	1.53	2.46	1.39
	18	6.49	1.25	6.47	1.56	6.46	1.72	4.19	1.64	3.77	1.66	3.19	1.57	2.43	1.42
	20	6.30	1.30	6.32	1.62	6.30	1.78	4.10	1.67	3.70	1.70	3.14	1.62	2.39	1.46
	21	6.36	1.32	6.34	1.64	6.33	1.80	4.21	1.71	3.80	1.73	3.22	1.64	2.46	1.49
	22	6.36	1.34	6.36	1.66	6.36	1.82	4.32	1.74	3.90	1.77	3.31	1.67	2.52	1.51
	24	6.43	1.37	6.41	1.70	6.43	1.87	4.54	1.82	4.10	1.83	3.47	1.73	2.65	1.57

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		1		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6 + 2.5	16	6.62	1.19	6.62	1.50	6.62	1.66	4.28	1.60	3.84	1.62	3.24	1.53	2.46	1.39
	18	6.49	1.25	6.47	1.56	6.46	1.72	4.19	1.64	3.77	1.66	3.19	1.57	2.43	1.42
	20	6.30	1.30	6.32	1.62	6.30	1.78	4.10	1.67	3.70	1.70	3.14	1.62	2.39	1.46
	21	6.36	1.32	6.34	1.64	6.33	1.80	4.21	1.71	3.80	1.73	3.22	1.64	2.46	1.49
	22	6.36	1.34	6.36	1.66	6.36	1.82	4.32	1.74	3.90	1.77	3.31	1.67	2.52	1.51
	24	6.43	1.37	6.41	1.70	6.43	1.87	4.54	1.82	4.10	1.83	3.47	1.73	2.65	1.57
1.6 + 3.5	16	6.62	1.19	6.62	1.50	6.62	1.66	4.28	1.60	3.84	1.62	3.24	1.53	2.46	1.39
	18	6.49	1.25	6.47	1.56	6.46	1.72	4.19	1.64	3.77	1.66	3.19	1.57	2.43	1.42
	20	6.30	1.30	6.32	1.62	6.30	1.78	4.10	1.67	3.70	1.70	3.14	1.62	2.39	1.46
	21	6.36	1.32	6.34	1.64	6.33	1.80	4.21	1.71	3.80	1.73	3.22	1.64	2.46	1.49
	22	6.36	1.34	6.36	1.66	6.36	1.82	4.32	1.74	3.90	1.77	3.31	1.67	2.52	1.51
	24	6.43	1.37	6.41	1.70	6.43	1.87	4.54	1.82	4.10	1.83	3.47	1.73	2.65	1.57
2.0 + 2.0	16	6.62	1.18	6.62	1.48	6.62	1.64	4.28	1.58	3.84	1.60	3.24	1.52	2.46	1.37
	18	6.49	1.23	6.47	1.54	6.46	1.70	4.19	1.62	3.77	1.64	3.19	1.56	2.43	1.41
	20	6.30	1.28	6.32	1.60	6.30	1.76	4.10	1.65	3.70	1.68	3.14	1.60	2.39	1.44
	21	6.36	1.30	6.34	1.62	6.33	1.78	4.21	1.69	3.80	1.71	3.22	1.63	2.46	1.47
	22	6.36	1.32	6.36	1.64	6.36	1.80	4.32	1.72	3.90	1.75	3.31	1.66	2.52	1.50
	24	6.43	1.36	6.41	1.68	6.43	1.85	4.54	1.80	4.10	1.81	3.47	1.71	2.65	1.55
2.0 + 2.5	16	6.62	1.18	6.62	1.48	6.62	1.64	4.28	1.58	3.84	1.60	3.24	1.52	2.46	1.37
	18	6.49	1.23	6.47	1.54	6.46	1.70	4.19	1.62	3.77	1.64	3.19	1.56	2.43	1.41
	20	6.30	1.28	6.32	1.60	6.30	1.76	4.10	1.65	3.70	1.68	3.14	1.60	2.39	1.44
	21	6.36	1.30	6.34	1.62	6.33	1.78	4.21	1.69	3.80	1.71	3.22	1.63	2.46	1.47
	22	6.36	1.32	6.36	1.64	6.36	1.80	4.32	1.72	3.90	1.75	3.31	1.66	2.52	1.50
	24	6.43	1.36	6.41	1.68	6.43	1.85	4.54	1.80	4.10	1.81	3.47	1.71	2.65	1.55
2.0 + 3.5	16	6.62	1.18	6.62	1.48	6.62	1.64	4.28	1.58	3.84	1.60	3.24	1.52	2.46	1.37
	18	6.49	1.23	6.47	1.54	6.46	1.70	4.19	1.62	3.77	1.64	3.19	1.56	2.43	1.41
	20	6.30	1.28	6.32	1.60	6.30	1.76	4.10	1.65	3.70	1.68	3.14	1.60	2.39	1.44
	21	6.36	1.30	6.34	1.62	6.33	1.78	4.21	1.69	3.80	1.71	3.22	1.63	2.46	1.47
	22	6.36	1.32	6.36	1.64	6.36	1.80	4.32	1.72	3.90	1.75	3.31	1.66	2.52	1.50
	24	6.43	1.36	6.41	1.68	6.43	1.85	4.54	1.80	4.10	1.81	3.47	1.71	2.65	1.55
2.5 + 2.5	16	6.62	1.18	6.62	1.48	6.62	1.64	4.28	1.58	3.84	1.60	3.24	1.52	2.46	1.37
	18	6.49	1.23	6.47	1.54	6.46	1.70	4.19	1.62	3.77	1.64	3.19	1.56	2.43	1.41
	20	6.30	1.28	6.32	1.60	6.30	1.76	4.10	1.65	3.70	1.68	3.14	1.60	2.39	1.44
	21	6.36	1.30	6.34	1.62	6.33	1.78	4.21	1.69	3.80	1.71	3.22	1.63	2.46	1.47
	22	6.36	1.32	6.36	1.64	6.36	1.80	4.32	1.72	3.90	1.75	3.31	1.66	2.52	1.50
	24	6.43	1.36	6.41	1.68	6.43	1.85	4.54	1.80	4.10	1.81	3.47	1.71	2.65	1.55

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		1		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.5 + 3.5	16	6.62	1.18	6.62	1.48	6.62	1.64	4.28	1.58	3.84	1.60	3.24	1.52	2.46	1.37
	18	6.49	1.23	6.47	1.54	6.46	1.70	4.19	1.62	3.77	1.64	3.19	1.56	2.43	1.41
	20	6.30	1.28	6.32	1.60	6.30	1.76	4.10	1.65	3.70	1.68	3.14	1.60	2.39	1.44
	21	6.36	1.30	6.34	1.62	6.33	1.78	4.21	1.69	3.80	1.71	3.22	1.63	2.46	1.47
	22	6.36	1.32	6.36	1.64	6.36	1.80	4.32	1.72	3.90	1.75	3.31	1.66	2.52	1.50
	24	6.43	1.36	6.41	1.68	6.43	1.85	4.54	1.80	4.10	1.81	3.47	1.71	2.65	1.55

Total Q: Total Heating Capacity (kW)

Input Power (kW)

2.2 CU-2TZ50TBE

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		1		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6	16	3.99	0.84	3.95	1.05	3.99	1.15	3.08	1.48	2.55	1.46	2.17	1.41	1.79	1.34
	18	3.95	0.89	3.90	1.10	3.90	1.20	3.19	1.47	2.65	1.45	2.25	1.40	1.86	1.33
	20	3.88	0.94	3.85	1.14	3.80	1.24	3.31	1.46	2.74	1.44	2.34	1.40	1.94	1.33
	21	3.84	0.95	3.80	1.16	3.77	1.26	3.33	1.46	2.76	1.44	2.35	1.40	1.94	1.33
	22	3.78	0.97	3.76	1.18	3.74	1.29	3.34	1.46	2.77	1.44	2.35	1.40	1.94	1.33
	24	3.61	0.99	3.66	1.22	3.69	1.34	3.38	1.45	2.79	1.44	2.37	1.40	1.94	1.33
2.0	16	5.04	1.07	4.99	1.33	5.04	1.46	3.89	1.87	3.22	1.84	2.74	1.78	2.26	1.70
	18	4.99	1.13	4.93	1.39	4.92	1.52	4.03	1.86	3.34	1.84	2.85	1.78	2.35	1.69
	20	4.90	1.19	4.86	1.44	4.80	1.57	4.18	1.85	3.47	1.83	2.96	1.77	2.45	1.68
	21	4.85	1.21	4.80	1.47	4.76	1.60	4.20	1.85	3.48	1.83	2.97	1.77	2.45	1.68
	22	4.78	1.22	4.74	1.50	4.73	1.63	4.22	1.84	3.50	1.83	2.97	1.77	2.45	1.68
	24	4.56	1.26	4.62	1.55	4.66	1.70	4.27	1.84	3.53	1.82	2.99	1.77	2.45	1.68
2.5	16	5.78	1.28	5.72	1.59	5.78	1.75	4.46	2.24	3.69	2.21	3.14	2.14	2.59	2.03
	18	5.72	1.35	5.65	1.66	5.64	1.81	4.62	2.23	3.83	2.20	3.26	2.13	2.70	2.02
	20	5.61	1.43	5.57	1.73	5.50	1.88	4.79	2.22	3.97	2.19	3.39	2.12	2.81	2.01
	21	5.56	1.45	5.50	1.76	5.46	1.92	4.81	2.21	3.99	2.19	3.40	2.12	2.81	2.01
	22	5.47	1.47	5.44	1.79	5.42	1.96	4.84	2.21	4.01	2.19	3.41	2.12	2.81	2.01
	24	5.23	1.50	5.30	1.85	5.34	2.03	4.90	2.20	4.04	2.18	3.42	2.12	2.81	2.01
3.5	16	6.51	1.36	6.45	1.69	6.51	1.86	5.02	2.38	4.15	2.35	3.53	2.27	2.91	2.16
	18	6.45	1.44	6.37	1.77	6.36	1.93	5.21	2.37	4.32	2.34	3.68	2.26	3.04	2.15
	20	6.32	1.52	6.28	1.84	6.20	2.00	5.39	2.36	4.48	2.33	3.82	2.25	3.16	2.14
	21	6.26	1.54	6.21	1.87	6.15	2.04	5.43	2.36	4.50	2.33	3.83	2.25	3.16	2.14
	22	6.17	1.56	6.13	1.91	6.11	2.08	5.46	2.35	4.52	2.33	3.84	2.25	3.16	2.14
	24	5.89	1.60	5.97	1.97	6.01	2.16	5.52	2.34	4.55	2.32	3.86	2.25	3.16	2.14
4.2	16	6.62	1.60	6.55	1.99	6.62	2.19	5.10	2.80	4.22	2.76	3.59	2.67	2.96	2.54
	18	6.55	1.69	6.47	2.08	6.46	2.27	5.29	2.78	4.39	2.75	3.74	2.66	3.09	2.53
	20	6.43	1.79	6.38	2.16	6.30	2.35	5.48	2.77	4.55	2.74	3.88	2.65	3.21	2.51
	21	6.36	1.81	6.31	2.20	6.25	2.40	5.51	2.77	4.57	2.74	3.89	2.65	3.21	2.51
	22	6.27	1.83	6.23	2.24	6.21	2.44	5.54	2.76	4.59	2.73	3.90	2.65	3.21	2.51
	24	5.99	1.88	6.07	2.32	6.11	2.54	5.61	2.75	4.63	2.73	3.92	2.65	3.21	2.51
5.0	16	6.62	1.58	6.55	1.97	6.62	2.17	5.10	2.77	4.22	2.74	3.59	2.65	2.96	2.52
	18	6.55	1.68	6.47	2.06	6.46	2.25	5.29	2.76	4.39	2.72	3.74	2.64	3.09	2.50
	20	6.43	1.77	6.38	2.14	6.30	2.33	5.48	2.75	4.55	2.71	3.88	2.62	3.21	2.49
	21	6.36	1.79	6.31	2.18	6.25	2.38	5.51	2.74	4.57	2.71	3.89	2.62	3.21	2.49
	22	6.27	1.82	6.23	2.22	6.21	2.42	5.54	2.74	4.59	2.71	3.90	2.62	3.21	2.49
	24	5.99	1.86	6.07	2.30	6.11	2.52	5.61	2.73	4.63	2.71	3.92	2.62	3.21	2.49

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		1		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6 + 1.6	16	6.62	1.21	6.62	1.52	6.62	1.67	4.28	1.62	3.84	1.63	3.24	1.55	2.46	1.40
	18	6.49	1.26	6.47	1.58	6.46	1.74	4.19	1.66	3.77	1.68	3.19	1.59	2.43	1.44
	20	6.30	1.31	6.32	1.64	6.30	1.80	4.10	1.69	3.70	1.72	3.14	1.63	2.39	1.48
	21	6.36	1.33	6.34	1.66	6.33	1.82	4.21	1.73	3.80	1.75	3.22	1.66	2.46	1.50
	22	6.36	1.35	6.36	1.68	6.36	1.85	4.32	1.76	3.90	1.79	3.31	1.69	2.52	1.53
	24	6.43	1.39	6.41	1.72	6.43	1.89	4.54	1.84	4.10	1.85	3.47	1.75	2.65	1.58
1.6 + 2.0	16	6.62	1.19	6.62	1.50	6.62	1.66	4.28	1.60	3.84	1.62	3.24	1.53	2.46	1.39
	18	6.49	1.25	6.47	1.56	6.46	1.72	4.19	1.64	3.77	1.66	3.19	1.57	2.43	1.42
	20	6.30	1.30	6.32	1.62	6.30	1.78	4.10	1.67	3.70	1.70	3.14	1.62	2.39	1.46
	21	6.36	1.32	6.34	1.64	6.33	1.80	4.21	1.71	3.80	1.73	3.22	1.64	2.46	1.49
	22	6.36	1.34	6.36	1.66	6.36	1.82	4.32	1.74	3.90	1.77	3.31	1.67	2.52	1.51
	24	6.43	1.37	6.41	1.70	6.43	1.87	4.54	1.82	4.10	1.83	3.47	1.73	2.65	1.57
1.6 + 2.5	16	6.62	1.19	6.62	1.50	6.62	1.66	4.28	1.60	3.84	1.62	3.24	1.53	2.46	1.39
	18	6.49	1.25	6.47	1.56	6.46	1.72	4.19	1.64	3.77	1.66	3.19	1.57	2.43	1.42
	20	6.30	1.30	6.32	1.62	6.30	1.78	4.10	1.67	3.70	1.70	3.14	1.62	2.39	1.46
	21	6.36	1.32	6.34	1.64	6.33	1.80	4.21	1.71	3.80	1.73	3.22	1.64	2.46	1.49
	22	6.36	1.34	6.36	1.66	6.36	1.82	4.32	1.74	3.90	1.77	3.31	1.67	2.52	1.51
	24	6.43	1.37	6.41	1.70	6.43	1.87	4.54	1.82	4.10	1.83	3.47	1.73	2.65	1.57
1.6 + 3.5	16	6.62	1.19	6.62	1.50	6.62	1.66	4.28	1.60	3.84	1.62	3.24	1.53	2.46	1.39
	18	6.49	1.25	6.47	1.56	6.46	1.72	4.19	1.64	3.77	1.66	3.19	1.57	2.43	1.42
	20	6.30	1.30	6.32	1.62	6.30	1.78	4.10	1.67	3.70	1.70	3.14	1.62	2.39	1.46
	21	6.36	1.32	6.34	1.64	6.33	1.80	4.21	1.71	3.80	1.73	3.22	1.64	2.46	1.49
	22	6.36	1.34	6.36	1.66	6.36	1.82	4.32	1.74	3.90	1.77	3.31	1.67	2.52	1.51
	24	6.43	1.37	6.41	1.70	6.43	1.87	4.54	1.82	4.10	1.83	3.47	1.73	2.65	1.57
1.6 + 4.2	16	6.72	1.19	6.72	1.49	6.72	1.65	4.35	1.59	3.90	1.61	3.30	1.52	2.50	1.38
	18	6.59	1.24	6.57	1.55	6.56	1.71	4.26	1.63	3.83	1.65	3.24	1.57	2.46	1.42
	20	6.40	1.29	6.42	1.61	6.40	1.77	4.16	1.66	3.76	1.69	3.19	1.61	2.43	1.45
	21	6.46	1.31	6.44	1.63	6.43	1.79	4.27	1.70	3.86	1.72	3.28	1.64	2.50	1.48
	22	6.46	1.33	6.46	1.65	6.46	1.81	4.38	1.73	3.96	1.76	3.36	1.66	2.56	1.50
	24	6.53	1.36	6.51	1.69	6.53	1.86	4.61	1.81	4.16	1.82	3.53	1.72	2.69	1.56
1.6 + 5.0	16	6.72	1.19	6.72	1.49	6.72	1.65	4.35	1.59	3.90	1.61	3.30	1.52	2.50	1.38
	18	6.59	1.24	6.57	1.55	6.56	1.71	4.26	1.63	3.83	1.65	3.24	1.57	2.46	1.42
	20	6.40	1.29	6.42	1.61	6.40	1.77	4.16	1.66	3.76	1.69	3.19	1.61	2.43	1.45
	21	6.46	1.31	6.44	1.63	6.43	1.79	4.27	1.70	3.86	1.72	3.28	1.64	2.50	1.48
	22	6.46	1.33	6.46	1.65	6.46	1.81	4.38	1.73	3.96	1.76	3.36	1.66	2.56	1.50
	24	6.53	1.36	6.51	1.69	6.53	1.86	4.61	1.81	4.16	1.82	3.53	1.72	2.69	1.56
2.0 + 2.0	16	6.62	1.18	6.62	1.48	6.62	1.64	4.28	1.58	3.84	1.60	3.24	1.52	2.46	1.37
	18	6.49	1.23	6.47	1.54	6.46	1.70	4.19	1.62	3.77	1.64	3.19	1.56	2.43	1.41
	20	6.30	1.28	6.32	1.60	6.30	1.76	4.10	1.65	3.70	1.68	3.14	1.60	2.39	1.44
	21	6.36	1.30	6.34	1.62	6.33	1.78	4.21	1.69	3.80	1.71	3.22	1.63	2.46	1.47
	22	6.36	1.32	6.36	1.64	6.36	1.80	4.32	1.72	3.90	1.75	3.31	1.66	2.52	1.50
	24	6.43	1.36	6.41	1.68	6.43	1.85	4.54	1.80	4.10	1.81	3.47	1.71	2.65	1.55

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		1		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.0 + 2.5	16	6.62	1.18	6.62	1.48	6.62	1.64	4.28	1.58	3.84	1.60	3.24	1.52	2.46	1.37
	18	6.49	1.23	6.47	1.54	6.46	1.70	4.19	1.62	3.77	1.64	3.19	1.56	2.43	1.41
	20	6.30	1.28	6.32	1.60	6.30	1.76	4.10	1.65	3.70	1.68	3.14	1.60	2.39	1.44
	21	6.36	1.30	6.34	1.62	6.33	1.78	4.21	1.69	3.80	1.71	3.22	1.63	2.46	1.47
	22	6.36	1.32	6.36	1.64	6.36	1.80	4.32	1.72	3.90	1.75	3.31	1.66	2.52	1.50
	24	6.43	1.36	6.41	1.68	6.43	1.85	4.54	1.80	4.10	1.81	3.47	1.71	2.65	1.55
2.0 + 3.5	16	6.72	0.88	6.72	1.10	6.72	1.22	4.35	1.18	3.90	1.19	3.30	1.13	2.50	1.02
	18	6.59	0.92	6.57	1.15	6.56	1.26	4.26	1.21	3.83	1.22	3.24	1.16	2.46	1.05
	20	6.40	0.96	6.42	1.19	6.40	1.31	4.16	1.23	3.76	1.25	3.19	1.19	2.43	1.07
	21	6.46	0.97	6.44	1.21	6.43	1.33	4.27	1.26	3.86	1.28	3.28	1.21	2.50	1.09
	22	6.46	0.98	6.46	1.22	6.46	1.34	4.38	1.28	3.96	1.30	3.36	1.23	2.56	1.11
	24	6.53	1.01	6.51	1.25	6.53	1.38	4.61	1.34	4.16	1.35	3.53	1.28	2.69	1.15
2.0 + 4.2	16	6.72	1.19	6.72	1.49	6.72	1.65	4.35	1.59	3.90	1.61	3.30	1.52	2.50	1.38
	18	6.59	1.24	6.57	1.55	6.56	1.71	4.26	1.63	3.83	1.65	3.24	1.57	2.46	1.42
	20	6.40	1.29	6.42	1.61	6.40	1.77	4.16	1.66	3.76	1.69	3.19	1.61	2.43	1.45
	21	6.46	1.31	6.44	1.63	6.43	1.79	4.27	1.70	3.86	1.72	3.28	1.64	2.50	1.48
	22	6.46	1.33	6.46	1.65	6.46	1.81	4.38	1.73	3.96	1.76	3.36	1.66	2.56	1.50
	24	6.53	1.36	6.51	1.69	6.53	1.86	4.61	1.81	4.16	1.82	3.53	1.72	2.69	1.56
2.0 + 5.0	16	6.72	1.19	6.72	1.49	6.72	1.65	4.35	1.59	3.90	1.61	3.30	1.52	2.50	1.38
	18	6.59	1.24	6.57	1.55	6.56	1.71	4.26	1.63	3.83	1.65	3.24	1.57	2.46	1.42
	20	6.40	1.29	6.42	1.61	6.40	1.77	4.16	1.66	3.76	1.69	3.19	1.61	2.43	1.45
	21	6.46	1.31	6.44	1.63	6.43	1.79	4.27	1.70	3.86	1.72	3.28	1.64	2.50	1.48
	22	6.46	1.33	6.46	1.65	6.46	1.81	4.38	1.73	3.96	1.76	3.36	1.66	2.56	1.50
	24	6.53	1.36	6.51	1.69	6.53	1.86	4.61	1.81	4.16	1.82	3.53	1.72	2.69	1.56
2.5 + 2.5	16	6.72	1.19	6.72	1.49	6.72	1.65	4.35	1.59	3.90	1.61	3.30	1.52	2.50	1.38
	18	6.59	1.24	6.57	1.55	6.56	1.71	4.26	1.63	3.83	1.65	3.24	1.57	2.46	1.42
	20	6.40	1.29	6.42	1.61	6.40	1.77	4.16	1.66	3.76	1.69	3.19	1.61	2.43	1.45
	21	6.46	1.31	6.44	1.63	6.43	1.79	4.27	1.70	3.86	1.72	3.28	1.64	2.50	1.48
	22	6.46	1.33	6.46	1.65	6.46	1.81	4.38	1.73	3.96	1.76	3.36	1.66	2.56	1.50
	24	6.53	1.36	6.51	1.69	6.53	1.86	4.61	1.81	4.16	1.82	3.53	1.72	2.69	1.56
2.5 + 3.5	16	6.72	1.19	6.72	1.49	6.72	1.65	4.35	1.59	3.90	1.61	3.30	1.52	2.50	1.38
	18	6.59	1.24	6.57	1.55	6.56	1.71	4.26	1.63	3.83	1.65	3.24	1.57	2.46	1.42
	20	6.40	1.29	6.42	1.61	6.40	1.77	4.16	1.66	3.76	1.69	3.19	1.61	2.43	1.45
	21	6.46	1.31	6.44	1.63	6.43	1.79	4.27	1.70	3.86	1.72	3.28	1.64	2.50	1.48
	22	6.46	1.33	6.46	1.65	6.46	1.81	4.38	1.73	3.96	1.76	3.36	1.66	2.56	1.50
	24	6.53	1.36	6.51	1.69	6.53	1.86	4.61	1.81	4.16	1.82	3.53	1.72	2.69	1.56
2.5 + 4.2	16	6.72	1.19	6.72	1.49	6.72	1.65	4.35	1.59	3.90	1.61	3.30	1.52	2.50	1.38
	18	6.59	1.24	6.57	1.55	6.56	1.71	4.26	1.63	3.83	1.65	3.24	1.57	2.46	1.42
	20	6.40	1.29	6.42	1.61	6.40	1.77	4.16	1.66	3.76	1.69	3.19	1.61	2.43	1.45
	21	6.46	1.31	6.44	1.63	6.43	1.79	4.27	1.70	3.86	1.72	3.28	1.64	2.50	1.48
	22	6.46	1.33	6.46	1.65	6.46	1.81	4.38	1.73	3.96	1.76	3.36	1.66	2.56	1.50
	24	6.53	1.36	6.51	1.69	6.53	1.86	4.61	1.81	4.16	1.82	3.53	1.72	2.69	1.56

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		1		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.5 + 5.0	16	6.72	1.19	6.72	1.49	6.72	1.65	4.35	1.59	3.90	1.61	3.30	1.52	2.50	1.38
	18	6.59	1.24	6.57	1.55	6.56	1.71	4.26	1.63	3.83	1.65	3.24	1.57	2.46	1.42
	20	6.40	1.29	6.42	1.61	6.40	1.77	4.16	1.66	3.76	1.69	3.19	1.61	2.43	1.45
	21	6.46	1.31	6.44	1.63	6.43	1.79	4.27	1.70	3.86	1.72	3.28	1.64	2.50	1.48
	22	6.46	1.33	6.46	1.65	6.46	1.81	4.38	1.73	3.96	1.76	3.36	1.66	2.56	1.50
	24	6.53	1.36	6.51	1.69	6.53	1.86	4.61	1.81	4.16	1.82	3.53	1.72	2.69	1.56
3.5 + 3.5	16	6.72	1.19	6.72	1.49	6.72	1.65	4.35	1.59	3.90	1.61	3.30	1.52	2.50	1.38
	18	6.59	1.24	6.57	1.55	6.56	1.71	4.26	1.63	3.83	1.65	3.24	1.57	2.46	1.42
	20	6.40	1.29	6.42	1.61	6.40	1.77	4.16	1.66	3.76	1.69	3.19	1.61	2.43	1.45
	21	6.46	1.31	6.44	1.63	6.43	1.79	4.27	1.70	3.86	1.72	3.28	1.64	2.50	1.48
	22	6.46	1.33	6.46	1.65	6.46	1.81	4.38	1.73	3.96	1.76	3.36	1.66	2.56	1.50
	24	6.53	1.36	6.51	1.69	6.53	1.86	4.61	1.81	4.16	1.82	3.53	1.72	2.69	1.56
3.5 + 4.2	16	6.72	1.19	6.72	1.49	6.72	1.65	4.35	1.59	3.90	1.61	3.30	1.52	2.50	1.38
	18	6.59	1.24	6.57	1.55	6.56	1.71	4.26	1.63	3.83	1.65	3.24	1.57	2.46	1.42
	20	6.40	1.29	6.42	1.61	6.40	1.77	4.16	1.66	3.76	1.69	3.19	1.61	2.43	1.45
	21	6.46	1.31	6.44	1.63	6.43	1.79	4.27	1.70	3.86	1.72	3.28	1.64	2.50	1.48
	22	6.46	1.33	6.46	1.65	6.46	1.81	4.38	1.73	3.96	1.76	3.36	1.66	2.56	1.50
	24	6.53	1.36	6.51	1.69	6.53	1.86	4.61	1.81	4.16	1.82	3.53	1.72	2.69	1.56

Total Q: Total Heating Capacity (kW)

Input Power (kW)

2.3 CU-3TZ52TBE

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		0		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6	16	3.72	0.72	3.56	0.87	3.41	0.96	3.20	1.03	2.90	1.05	2.62	1.02	2.32	0.94
	18	3.53	0.73	3.42	0.89	3.30	0.98	3.13	1.05	2.87	1.08	2.61	1.05	2.32	0.97
	20	3.33	0.74	3.28	0.90	3.20	1.00	3.06	1.08	2.84	1.10	2.60	1.07	2.31	0.99
	21	3.25	0.75	3.22	0.91	3.16	1.01	3.03	1.09	2.81	1.11	2.57	1.08	2.29	1.00
	22	3.18	0.76	3.16	0.93	3.11	1.02	3.00	1.10	2.79	1.13	2.55	1.09	2.26	1.01
	24	3.03	0.78	3.05	0.95	3.02	1.04	2.93	1.12	2.73	1.15	2.50	1.12	2.20	1.04
2.0	16	4.77	0.91	4.56	1.10	4.37	1.22	4.09	1.30	3.72	1.33	3.36	1.29	2.97	1.20
	18	4.52	0.92	4.38	1.13	4.23	1.24	4.01	1.34	3.68	1.37	3.35	1.33	2.97	1.23
	20	4.27	0.94	4.20	1.15	4.10	1.27	3.92	1.37	3.64	1.40	3.33	1.36	2.97	1.26
	21	4.17	0.95	4.13	1.16	4.04	1.28	3.88	1.38	3.60	1.42	3.30	1.38	2.93	1.27
	22	4.07	0.97	4.05	1.18	3.99	1.30	3.84	1.40	3.57	1.43	3.27	1.39	2.89	1.29
	24	3.88	1.00	3.91	1.20	3.87	1.33	3.75	1.42	3.50	1.46	3.20	1.42	2.82	1.32
2.5	16	5.00	0.91	4.78	1.10	4.58	1.22	4.29	1.30	3.90	1.33	3.53	1.29	3.11	1.20
	18	4.74	0.92	4.59	1.13	4.44	1.24	4.20	1.34	3.86	1.37	3.51	1.33	3.11	1.23
	20	4.47	0.94	4.40	1.15	4.30	1.27	4.12	1.37	3.81	1.40	3.49	1.36	3.11	1.26
	21	4.37	0.95	4.33	1.16	4.24	1.28	4.07	1.38	3.78	1.42	3.46	1.38	3.07	1.27
	22	4.27	0.97	4.25	1.18	4.18	1.30	4.03	1.40	3.74	1.43	3.43	1.39	3.03	1.29
	24	4.07	1.00	4.10	1.20	4.06	1.33	3.94	1.42	3.67	1.46	3.36	1.42	2.96	1.32
3.5	16	6.74	1.54	6.45	1.86	6.18	2.05	5.79	2.20	5.26	2.25	4.76	2.18	4.20	2.02
	18	6.39	1.56	6.19	1.90	5.99	2.09	5.67	2.25	5.20	2.30	4.73	2.24	4.20	2.07
	20	6.03	1.58	5.94	1.93	5.80	2.14	5.55	2.30	5.14	2.36	4.71	2.30	4.19	2.12
	21	5.90	1.60	5.84	1.96	5.72	2.16	5.49	2.33	5.10	2.39	4.67	2.32	4.14	2.15
	22	5.76	1.63	5.73	1.98	5.64	2.19	5.43	2.35	5.05	2.41	4.62	2.34	4.09	2.17
	24	5.49	1.68	5.53	2.03	5.48	2.23	5.31	2.40	4.95	2.45	4.53	2.39	3.99	2.22
4.2	16	7.91	2.14	7.56	2.58	7.24	2.84	6.79	3.05	6.16	3.12	5.58	3.03	4.93	2.80
	18	7.49	2.16	7.26	2.63	7.02	2.91	6.65	3.12	6.10	3.20	5.55	3.11	4.92	2.87
	20	7.08	2.19	6.96	2.68	6.80	2.97	6.51	3.20	6.03	3.28	5.52	3.19	4.92	2.94
	21	6.92	2.22	6.84	2.71	6.71	3.00	6.44	3.23	5.98	3.31	5.47	3.22	4.86	2.98
	22	6.76	2.26	6.72	2.75	6.61	3.04	6.37	3.26	5.92	3.34	5.42	3.25	4.80	3.01
	24	6.44	2.33	6.49	2.82	6.42	3.10	6.23	3.33	5.81	3.41	5.31	3.31	4.67	3.08
5.0	16	8.02	1.84	7.67	2.23	7.35	2.45	6.89	2.63	6.26	2.69	5.66	2.61	5.00	2.41
	18	7.60	1.86	7.37	2.27	7.13	2.51	6.75	2.69	6.19	2.76	5.63	2.68	4.99	2.48
	20	7.18	1.89	7.06	2.31	6.90	2.56	6.61	2.76	6.12	2.83	5.60	2.75	4.99	2.54
	21	7.02	1.92	6.94	2.34	6.80	2.59	6.53	2.78	6.06	2.85	5.55	2.77	4.93	2.57
	22	6.86	1.95	6.82	2.37	6.71	2.62	6.46	2.81	6.01	2.88	5.50	2.80	4.87	2.60
	24	6.53	2.01	6.58	2.43	6.52	2.67	6.32	2.87	5.89	2.94	5.39	2.86	4.74	2.65

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C													
		WB													
		15		10		6		0		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
5.0*	16	8.02	2.04	7.67	2.47	7.35	2.72	6.89	2.91	6.26	2.98	5.66	2.89	5.00	2.68
	18	7.60	2.07	7.37	2.52	7.13	2.78	6.75	2.99	6.19	3.06	5.63	2.97	4.99	2.75
	20	7.18	2.09	7.06	2.56	6.90	2.84	6.61	3.06	6.12	3.14	5.60	3.05	4.99	2.82
	21	7.02	2.13	6.94	2.60	6.80	2.87	6.53	3.09	6.06	3.17	5.55	3.08	4.93	2.85
	22	6.86	2.16	6.82	2.63	6.71	2.90	6.46	3.12	6.01	3.20	5.50	3.11	4.87	2.88
	24	6.53	2.23	6.58	2.69	6.52	2.97	6.32	3.18	5.89	3.26	5.39	3.17	4.74	2.94
Note: Refer to 5.0* if the indoor is 1R CS-TZ50WKEW															
1.6 + 1.6	16	13.78	1.49	9.65	1.83	7.66	2.04	6.35	2.22	5.83	2.32	5.63	2.30	5.07	2.19
	18	13.68	1.55	9.41	1.86	7.33	2.05	5.95	2.23	5.43	2.34	5.32	2.35	4.97	2.29
	20	13.58	1.61	9.18	1.89	7.00	2.07	5.55	2.24	5.02	2.37	5.01	2.40	4.87	2.38
	21	13.43	1.64	8.97	1.91	6.87	2.09	5.57	2.25	5.23	2.37	5.29	2.41	5.05	2.38
	22	13.28	1.68	8.77	1.93	6.73	2.10	5.60	2.26	5.45	2.37	5.57	2.41	5.24	2.39
	24	12.98	1.75	8.37	1.98	6.47	2.13	5.64	2.27	5.87	2.38	6.14	2.41	5.60	2.39
1.6 + 2.0	16	13.78	1.46	9.65	1.80	7.66	2.00	6.35	2.18	5.83	2.27	5.63	2.25	5.07	2.15
	18	13.68	1.52	9.41	1.82	7.33	2.01	5.95	2.19	5.43	2.30	5.32	2.31	4.97	2.24
	20	13.58	1.58	9.18	1.85	7.00	2.03	5.55	2.20	5.02	2.32	5.01	2.36	4.87	2.33
	21	13.43	1.61	8.97	1.87	6.87	2.04	5.57	2.21	5.23	2.32	5.29	2.36	5.05	2.34
	22	13.28	1.64	8.77	1.90	6.73	2.06	5.60	2.21	5.45	2.33	5.57	2.36	5.24	2.34
	24	12.98	1.71	8.37	1.94	6.47	2.09	5.64	2.23	5.87	2.33	6.14	2.36	5.60	2.35
1.6 + 2.5	16	13.78	1.46	9.65	1.80	7.66	2.00	6.35	2.18	5.83	2.27	5.63	2.25	5.07	2.15
	18	13.68	1.52	9.41	1.82	7.33	2.01	5.95	2.19	5.43	2.30	5.32	2.31	4.97	2.24
	20	13.58	1.58	9.18	1.85	7.00	2.03	5.55	2.20	5.02	2.32	5.01	2.36	4.87	2.33
	21	13.43	1.61	8.97	1.87	6.87	2.04	5.57	2.21	5.23	2.32	5.29	2.36	5.05	2.34
	22	13.28	1.64	8.77	1.90	6.73	2.06	5.60	2.21	5.45	2.33	5.57	2.36	5.24	2.34
	24	12.98	1.71	8.37	1.94	6.47	2.09	5.64	2.23	5.87	2.33	6.14	2.36	5.60	2.35
1.6 + 3.5	16	14.37	1.54	10.06	1.88	7.98	2.10	6.63	2.28	6.08	2.38	5.87	2.37	5.29	2.26
	18	14.27	1.59	9.82	1.91	7.64	2.11	6.21	2.29	5.66	2.41	5.55	2.42	5.18	2.35
	20	14.16	1.65	9.57	1.94	7.30	2.13	5.79	2.31	5.24	2.44	5.23	2.47	5.08	2.45
	21	14.01	1.69	9.36	1.97	7.16	2.15	5.81	2.31	5.46	2.44	5.52	2.48	5.27	2.45
	22	13.85	1.73	9.15	1.99	7.02	2.16	5.84	2.32	5.68	2.44	5.81	2.48	5.46	2.46
	24	13.54	1.80	8.73	2.04	6.74	2.19	5.89	2.34	6.13	2.45	6.40	2.48	5.84	2.46
1.6 + 4.2	16	14.37	1.53	10.06	1.88	7.98	2.09	6.63	2.27	6.08	2.37	5.87	2.35	5.29	2.25
	18	14.27	1.59	9.82	1.91	7.64	2.10	6.21	2.28	5.66	2.40	5.55	2.41	5.18	2.34
	20	14.16	1.65	9.57	1.93	7.30	2.12	5.79	2.30	5.24	2.42	5.23	2.46	5.08	2.44
	21	14.01	1.68	9.36	1.96	7.16	2.14	5.81	2.30	5.46	2.43	5.52	2.46	5.27	2.44
	22	13.85	1.72	9.15	1.98	7.02	2.15	5.84	2.31	5.68	2.43	5.81	2.47	5.46	2.44
	24	13.54	1.79	8.73	2.03	6.74	2.18	5.89	2.33	6.13	2.44	6.40	2.47	5.84	2.45
1.6 + 5.0	16	14.77	1.44	10.34	1.77	8.20	1.97	6.81	2.14	6.25	2.24	6.03	2.22	5.43	2.12
	18	14.66	1.50	10.09	1.80	7.85	1.99	6.38	2.15	5.81	2.26	5.70	2.27	5.32	2.21
	20	14.55	1.55	9.83	1.82	7.50	2.00	5.95	2.17	5.38	2.29	5.37	2.32	5.22	2.30
	21	14.39	1.59	9.62	1.85	7.36	2.01	5.97	2.17	5.61	2.29	5.67	2.32	5.41	2.30
	22	14.23	1.62	9.40	1.87	7.21	2.03	6.00	2.18	5.84	2.29	5.97	2.33	5.61	2.31
	24	13.91	1.69	8.97	1.91	6.93	2.06	6.05	2.20	6.29	2.30	6.58	2.33	6.00	2.31

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		0		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.0 + 2.0	16	13.78	1.46	9.65	1.80	7.66	2.00	6.35	2.18	5.83	2.27	5.63	2.25	5.07	2.15
	18	13.68	1.52	9.41	1.82	7.33	2.01	5.95	2.19	5.43	2.30	5.32	2.31	4.97	2.24
	20	13.58	1.58	9.18	1.85	7.00	2.03	5.55	2.20	5.02	2.32	5.01	2.36	4.87	2.33
	21	13.43	1.61	8.97	1.87	6.87	2.04	5.57	2.21	5.23	2.32	5.29	2.36	5.05	2.34
	22	13.28	1.64	8.77	1.90	6.73	2.06	5.60	2.21	5.45	2.33	5.57	2.36	5.24	2.34
	24	12.98	1.71	8.37	1.94	6.47	2.09	5.64	2.23	5.87	2.33	6.14	2.36	5.60	2.35
2.0 + 2.5	16	13.78	1.46	9.65	1.80	7.66	2.00	6.35	2.18	5.83	2.27	5.63	2.25	5.07	2.15
	18	13.68	1.52	9.41	1.82	7.33	2.01	5.95	2.19	5.43	2.30	5.32	2.31	4.97	2.24
	20	13.58	1.58	9.18	1.85	7.00	2.03	5.55	2.20	5.02	2.32	5.01	2.36	4.87	2.33
	21	13.43	1.61	8.97	1.87	6.87	2.04	5.57	2.21	5.23	2.32	5.29	2.36	5.05	2.34
	22	13.28	1.64	8.77	1.90	6.73	2.06	5.60	2.21	5.45	2.33	5.57	2.36	5.24	2.34
	24	12.98	1.71	8.37	1.94	6.47	2.09	5.64	2.23	5.87	2.33	6.14	2.36	5.60	2.35
2.0 + 3.5	16	14.37	1.53	10.06	1.88	7.98	2.09	6.63	2.27	6.08	2.37	5.87	2.35	5.29	2.25
	18	14.27	1.59	9.82	1.91	7.64	2.10	6.21	2.28	5.66	2.40	5.55	2.41	5.18	2.34
	20	14.16	1.65	9.57	1.93	7.30	2.12	5.79	2.30	5.24	2.42	5.23	2.46	5.08	2.44
	21	14.01	1.68	9.36	1.96	7.16	2.14	5.81	2.30	5.46	2.43	5.52	2.46	5.27	2.44
	22	13.85	1.72	9.15	1.98	7.02	2.15	5.84	2.31	5.68	2.43	5.81	2.47	5.46	2.44
	24	13.54	1.79	8.73	2.03	6.74	2.18	5.89	2.33	6.13	2.44	6.40	2.47	5.84	2.45
2.0 + 4.2	16	14.37	1.50	10.06	1.84	7.98	2.05	6.63	2.23	6.08	2.33	5.87	2.31	5.29	2.20
	18	14.27	1.56	9.82	1.87	7.64	2.06	6.21	2.24	5.66	2.35	5.55	2.36	5.18	2.30
	20	14.16	1.61	9.57	1.90	7.30	2.08	5.79	2.25	5.24	2.38	5.23	2.42	5.08	2.39
	21	14.01	1.65	9.36	1.92	7.16	2.10	5.81	2.26	5.46	2.38	5.52	2.42	5.27	2.39
	22	13.85	1.69	9.15	1.94	7.02	2.11	5.84	2.27	5.68	2.38	5.81	2.42	5.46	2.40
	24	13.54	1.76	8.73	1.99	6.74	2.14	5.89	2.28	6.13	2.39	6.40	2.42	5.84	2.40
2.0 + 5.0	16	14.77	1.44	10.34	1.77	8.20	1.97	6.81	2.14	6.25	2.24	6.03	2.22	5.43	2.12
	18	14.66	1.50	10.09	1.80	7.85	1.99	6.38	2.15	5.81	2.26	5.70	2.27	5.32	2.21
	20	14.55	1.55	9.83	1.82	7.50	2.00	5.95	2.17	5.38	2.29	5.37	2.32	5.22	2.30
	21	14.39	1.59	9.62	1.85	7.36	2.01	5.97	2.17	5.61	2.29	5.67	2.32	5.41	2.30
	22	14.23	1.62	9.40	1.87	7.21	2.03	6.00	2.18	5.84	2.29	5.97	2.33	5.61	2.31
	24	13.91	1.69	8.97	1.91	6.93	2.06	6.05	2.20	6.29	2.30	6.58	2.33	6.00	2.31
2.5 + 2.5	16	13.78	1.46	9.65	1.80	7.66	2.00	6.35	2.18	5.83	2.27	5.63	2.25	5.07	2.15
	18	13.68	1.52	9.41	1.82	7.33	2.01	5.95	2.19	5.43	2.30	5.32	2.31	4.97	2.24
	20	13.58	1.58	9.18	1.85	7.00	2.03	5.55	2.20	5.02	2.32	5.01	2.36	4.87	2.33
	21	13.43	1.61	8.97	1.87	6.87	2.04	5.57	2.21	5.23	2.32	5.29	2.36	5.05	2.34
	22	13.28	1.64	8.77	1.90	6.73	2.06	5.60	2.21	5.45	2.33	5.57	2.36	5.24	2.34
	24	12.98	1.71	8.37	1.94	6.47	2.09	5.64	2.23	5.87	2.33	6.14	2.36	5.60	2.35

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		0		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.5 + 3.5	16	14.37	1.53	10.06	1.88	7.98	2.09	6.63	2.27	6.08	2.37	5.87	2.35	5.29	2.25
	18	14.27	1.59	9.82	1.91	7.64	2.10	6.21	2.28	5.66	2.40	5.55	2.41	5.18	2.34
	20	14.16	1.65	9.57	1.93	7.30	2.12	5.79	2.30	5.24	2.42	5.23	2.46	5.08	2.44
	21	14.01	1.68	9.36	1.96	7.16	2.14	5.81	2.30	5.46	2.43	5.52	2.46	5.27	2.44
	22	13.85	1.72	9.15	1.98	7.02	2.15	5.84	2.31	5.68	2.43	5.81	2.47	5.46	2.44
	24	13.54	1.79	8.73	2.03	6.74	2.18	5.89	2.33	6.13	2.44	6.40	2.47	5.84	2.45
2.5 + 4.2	16	14.37	1.50	10.06	1.84	7.98	2.05	6.63	2.23	6.08	2.33	5.87	2.31	5.29	2.20
	18	14.27	1.56	9.82	1.87	7.64	2.06	6.21	2.24	5.66	2.35	5.55	2.36	5.18	2.30
	20	14.16	1.61	9.57	1.90	7.30	2.08	5.79	2.25	5.24	2.38	5.23	2.42	5.08	2.39
	21	14.01	1.65	9.36	1.92	7.16	2.10	5.81	2.26	5.46	2.38	5.52	2.42	5.27	2.39
	22	13.85	1.69	9.15	1.94	7.02	2.11	5.84	2.27	5.68	2.38	5.81	2.42	5.46	2.40
	24	13.54	1.76	8.73	1.99	6.74	2.14	5.89	2.28	6.13	2.39	6.40	2.42	5.84	2.40
2.5 + 5.0	16	14.77	1.44	10.34	1.77	8.20	1.97	6.81	2.14	6.25	2.24	6.03	2.22	5.43	2.12
	18	14.66	1.50	10.09	1.80	7.85	1.99	6.38	2.15	5.81	2.26	5.70	2.27	5.32	2.21
	20	14.55	1.55	9.83	1.82	7.50	2.00	5.95	2.17	5.38	2.29	5.37	2.32	5.22	2.30
	21	14.39	1.59	9.62	1.85	7.36	2.01	5.97	2.17	5.61	2.29	5.67	2.32	5.41	2.30
	22	14.23	1.62	9.40	1.87	7.21	2.03	6.00	2.18	5.84	2.29	5.97	2.33	5.61	2.31
	24	13.91	1.69	8.97	1.91	6.93	2.06	6.05	2.20	6.29	2.30	6.58	2.33	6.00	2.31
3.5 + 3.5	16	14.77	1.54	10.34	1.89	8.20	2.11	6.81	2.29	6.25	2.39	6.03	2.38	5.43	2.27
	18	14.66	1.60	10.09	1.92	7.85	2.12	6.38	2.31	5.81	2.42	5.70	2.43	5.32	2.36
	20	14.55	1.66	9.83	1.95	7.50	2.14	5.95	2.32	5.38	2.45	5.37	2.49	5.22	2.46
	21	14.39	1.70	9.62	1.98	7.36	2.16	5.97	2.33	5.61	2.45	5.67	2.49	5.41	2.46
	22	14.23	1.73	9.40	2.00	7.21	2.17	6.00	2.33	5.84	2.45	5.97	2.49	5.61	2.47
	24	13.91	1.81	8.97	2.05	6.93	2.20	6.05	2.35	6.29	2.46	6.58	2.49	6.00	2.47
3.5 + 4.2	16	14.77	1.54	10.34	1.89	8.20	2.11	6.81	2.29	6.25	2.39	6.03	2.38	5.43	2.27
	18	14.66	1.60	10.09	1.92	7.85	2.12	6.38	2.31	5.81	2.42	5.70	2.43	5.32	2.36
	20	14.55	1.66	9.83	1.95	7.50	2.14	5.95	2.32	5.38	2.45	5.37	2.49	5.22	2.46
	21	14.39	1.70	9.62	1.98	7.36	2.16	5.97	2.33	5.61	2.45	5.67	2.49	5.41	2.46
	22	14.23	1.73	9.40	2.00	7.21	2.17	6.00	2.33	5.84	2.45	5.97	2.49	5.61	2.47
	24	13.91	1.81	8.97	2.05	6.93	2.20	6.05	2.35	6.29	2.46	6.58	2.49	6.00	2.47
3.5 + 5.0	16	14.77	1.42	10.34	1.74	8.20	1.94	6.81	2.11	6.25	2.20	6.03	2.19	5.43	2.09
	18	14.66	1.47	10.09	1.77	7.85	1.96	6.38	2.12	5.81	2.23	5.70	2.24	5.32	2.18
	20	14.55	1.53	9.83	1.80	7.50	1.97	5.95	2.13	5.38	2.25	5.37	2.29	5.22	2.26
	21	14.39	1.56	9.62	1.82	7.36	1.98	5.97	2.14	5.61	2.26	5.67	2.29	5.41	2.27
	22	14.23	1.60	9.40	1.84	7.21	2.00	6.00	2.15	5.84	2.26	5.97	2.29	5.61	2.27
	24	13.91	1.66	8.97	1.89	6.93	2.03	6.05	2.16	6.29	2.26	6.58	2.29	6.00	2.28

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		0		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
4.2 + 4.2	16	14.77	1.54	10.34	1.88	8.20	2.10	6.81	2.28	6.25	2.38	6.03	2.37	5.43	2.26
	18	14.66	1.59	10.09	1.91	7.85	2.11	6.38	2.29	5.81	2.41	5.70	2.42	5.32	2.35
	20	14.55	1.65	9.83	1.94	7.50	2.13	5.95	2.31	5.38	2.44	5.37	2.47	5.22	2.45
	21	14.39	1.69	9.62	1.97	7.36	2.15	5.97	2.31	5.61	2.44	5.67	2.48	5.41	2.45
	22	14.23	1.73	9.40	1.99	7.21	2.16	6.00	2.32	5.84	2.44	5.97	2.48	5.61	2.46
	24	13.91	1.80	8.97	2.04	6.93	2.19	6.05	2.34	6.29	2.45	6.58	2.48	6.00	2.46
4.2 + 5.0	16	14.77	1.42	10.34	1.74	8.20	1.94	6.81	2.11	6.25	2.20	6.03	2.19	5.43	2.09
	18	14.66	1.47	10.09	1.77	7.85	1.96	6.38	2.12	5.81	2.23	5.70	2.24	5.32	2.18
	20	14.55	1.53	9.83	1.80	7.50	1.97	5.95	2.13	5.38	2.25	5.37	2.29	5.22	2.26
	21	14.39	1.56	9.62	1.82	7.36	1.98	5.97	2.14	5.61	2.26	5.67	2.29	5.41	2.27
	22	14.23	1.60	9.40	1.84	7.21	2.00	6.00	2.15	5.84	2.26	5.97	2.29	5.61	2.27
	24	13.91	1.66	8.97	1.89	6.93	2.03	6.05	2.16	6.29	2.26	6.58	2.29	6.00	2.28
1.6 + 1.6 + 1.6	16	14.77	1.41	10.34	1.73	8.20	1.92	6.81	2.09	6.25	2.18	6.03	2.17	5.43	2.07
	18	14.66	1.46	10.09	1.75	7.85	1.94	6.38	2.10	5.81	2.21	5.70	2.22	5.32	2.15
	20	14.55	1.51	9.83	1.78	7.50	1.95	5.95	2.11	5.38	2.23	5.37	2.26	5.22	2.24
	21	14.39	1.55	9.62	1.80	7.36	1.96	5.97	2.12	5.61	2.23	5.67	2.27	5.41	2.24
	22	14.23	1.58	9.40	1.82	7.21	1.98	6.00	2.13	5.84	2.24	5.97	2.27	5.61	2.25
	24	13.91	1.65	8.97	1.87	6.93	2.01	6.05	2.14	6.29	2.24	6.58	2.27	6.00	2.25
1.6 + 1.6 + 2.0	16	14.77	1.40	10.34	1.72	8.20	1.91	6.81	2.08	6.25	2.17	6.03	2.15	5.43	2.06
	18	14.66	1.45	10.09	1.74	7.85	1.93	6.38	2.09	5.81	2.19	5.70	2.20	5.32	2.14
	20	14.55	1.51	9.83	1.77	7.50	1.94	5.95	2.10	5.38	2.22	5.37	2.25	5.22	2.23
	21	14.39	1.54	9.62	1.79	7.36	1.95	5.97	2.11	5.61	2.22	5.67	2.25	5.41	2.23
	22	14.23	1.57	9.40	1.81	7.21	1.97	6.00	2.12	5.84	2.22	5.97	2.26	5.61	2.24
	24	13.91	1.64	8.97	1.86	6.93	2.00	6.05	2.13	6.29	2.23	6.58	2.26	6.00	2.24
1.6 + 1.6 + 2.5	16	14.77	1.40	10.34	1.72	8.20	1.91	6.81	2.08	6.25	2.17	6.03	2.15	5.43	2.06
	18	14.66	1.45	10.09	1.74	7.85	1.93	6.38	2.09	5.81	2.19	5.70	2.20	5.32	2.14
	20	14.55	1.51	9.83	1.77	7.50	1.94	5.95	2.10	5.38	2.22	5.37	2.25	5.22	2.23
	21	14.39	1.54	9.62	1.79	7.36	1.95	5.97	2.11	5.61	2.22	5.67	2.25	5.41	2.23
	22	14.23	1.57	9.40	1.81	7.21	1.97	6.00	2.12	5.84	2.22	5.97	2.26	5.61	2.24
	24	13.91	1.64	8.97	1.86	6.93	2.00	6.05	2.13	6.29	2.23	6.58	2.26	6.00	2.24
1.6 + 1.6 + 3.5	16	14.77	1.38	10.34	1.70	8.20	1.89	6.81	2.06	6.25	2.15	6.03	2.13	5.43	2.03
	18	14.66	1.44	10.09	1.73	7.85	1.91	6.38	2.07	5.81	2.17	5.70	2.18	5.32	2.12
	20	14.55	1.49	9.83	1.75	7.50	1.92	5.95	2.08	5.38	2.20	5.37	2.23	5.22	2.21
	21	14.39	1.52	9.62	1.77	7.36	1.93	5.97	2.09	5.61	2.20	5.67	2.23	5.41	2.21
	22	14.23	1.56	9.40	1.79	7.21	1.95	6.00	2.09	5.84	2.20	5.97	2.23	5.61	2.21
	24	13.91	1.62	8.97	1.84	6.93	1.98	6.05	2.11	6.29	2.21	6.58	2.24	6.00	2.22

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		0		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6 + 1.6 + 4.2	16	14.77	1.38	10.34	1.69	8.20	1.88	6.81	2.05	6.25	2.14	6.03	2.12	5.43	2.02
	18	14.66	1.43	10.09	1.72	7.85	1.90	6.38	2.06	5.81	2.16	5.70	2.17	5.32	2.11
	20	14.55	1.48	9.83	1.74	7.50	1.91	5.95	2.07	5.38	2.18	5.37	2.22	5.22	2.20
	21	14.39	1.51	9.62	1.76	7.36	1.92	5.97	2.08	5.61	2.19	5.67	2.22	5.41	2.20
	22	14.23	1.55	9.40	1.79	7.21	1.94	6.00	2.08	5.84	2.19	5.97	2.22	5.61	2.20
	24	13.91	1.61	8.97	1.83	6.93	1.97	6.05	2.10	6.29	2.19	6.58	2.22	6.00	2.21
1.6 + 1.6 + 5.0	16	14.77	1.29	10.34	1.58	8.20	1.76	6.81	1.92	6.25	2.00	6.03	1.99	5.43	1.90
	18	14.66	1.34	10.09	1.61	7.85	1.78	6.38	1.93	5.81	2.02	5.70	2.03	5.32	1.98
	20	14.55	1.39	9.83	1.63	7.50	1.79	5.95	1.94	5.38	2.05	5.37	2.08	5.22	2.06
	21	14.39	1.42	9.62	1.65	7.36	1.80	5.97	1.95	5.61	2.05	5.67	2.08	5.41	2.06
	22	14.23	1.45	9.40	1.67	7.21	1.82	6.00	1.95	5.84	2.05	5.97	2.08	5.61	2.06
	24	13.91	1.51	8.97	1.71	6.93	1.84	6.05	1.97	6.29	2.06	6.58	2.08	6.00	2.07
1.6 + 2.0 + 2.0	16	14.77	1.39	10.34	1.71	8.20	1.90	6.81	2.07	6.25	2.16	6.03	2.14	5.43	2.05
	18	14.66	1.44	10.09	1.73	7.85	1.92	6.38	2.08	5.81	2.18	5.70	2.19	5.32	2.13
	20	14.55	1.50	9.83	1.76	7.50	1.93	5.95	2.09	5.38	2.21	5.37	2.24	5.22	2.22
	21	14.39	1.53	9.62	1.78	7.36	1.94	5.97	2.10	5.61	2.21	5.67	2.24	5.41	2.22
	22	14.23	1.56	9.40	1.80	7.21	1.96	6.00	2.11	5.84	2.21	5.97	2.24	5.61	2.23
	24	13.91	1.63	8.97	1.85	6.93	1.99	6.05	2.12	6.29	2.22	6.58	2.25	6.00	2.23
1.6 + 2.0 + 2.5	16	14.77	1.39	10.34	1.71	8.20	1.90	6.81	2.07	6.25	2.16	6.03	2.14	5.43	2.05
	18	14.66	1.44	10.09	1.73	7.85	1.92	6.38	2.08	5.81	2.18	5.70	2.19	5.32	2.13
	20	14.55	1.50	9.83	1.76	7.50	1.93	5.95	2.09	5.38	2.21	5.37	2.24	5.22	2.22
	21	14.39	1.53	9.62	1.78	7.36	1.94	5.97	2.10	5.61	2.21	5.67	2.24	5.41	2.22
	22	14.23	1.56	9.40	1.80	7.21	1.96	6.00	2.11	5.84	2.21	5.97	2.24	5.61	2.23
	24	13.91	1.63	8.97	1.85	6.93	1.99	6.05	2.12	6.29	2.22	6.58	2.25	6.00	2.23
1.6 + 2.0 + 3.5	16	14.77	1.38	10.34	1.69	8.20	1.88	6.81	2.05	6.25	2.14	6.03	2.12	5.43	2.02
	18	14.66	1.43	10.09	1.72	7.85	1.90	6.38	2.06	5.81	2.16	5.70	2.17	5.32	2.11
	20	14.55	1.48	9.83	1.74	7.50	1.91	5.95	2.07	5.38	2.18	5.37	2.22	5.22	2.20
	21	14.39	1.51	9.62	1.76	7.36	1.92	5.97	2.08	5.61	2.19	5.67	2.22	5.41	2.20
	22	14.23	1.55	9.40	1.79	7.21	1.94	6.00	2.08	5.84	2.19	5.97	2.22	5.61	2.20
	24	13.91	1.61	8.97	1.83	6.93	1.97	6.05	2.10	6.29	2.19	6.58	2.22	6.00	2.21
1.6 + 2.0 + 4.2	16	14.77	1.37	10.34	1.68	8.20	1.87	6.81	2.04	6.25	2.13	6.03	2.11	5.43	2.01
	18	14.66	1.42	10.09	1.71	7.85	1.89	6.38	2.05	5.81	2.15	5.70	2.16	5.32	2.10
	20	14.55	1.47	9.83	1.73	7.50	1.90	5.95	2.06	5.38	2.17	5.37	2.21	5.22	2.18
	21	14.39	1.51	9.62	1.75	7.36	1.91	5.97	2.06	5.61	2.18	5.67	2.21	5.41	2.19
	22	14.23	1.54	9.40	1.78	7.21	1.93	6.00	2.07	5.84	2.18	5.97	2.21	5.61	2.19
	24	13.91	1.60	8.97	1.82	6.93	1.96	6.05	2.09	6.29	2.18	6.58	2.21	6.00	2.20

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		0		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6 + 2.0 + 5.0	16	14.77	1.28	10.34	1.58	8.20	1.75	6.81	1.91	6.25	1.99	6.03	1.98	5.43	1.89
	18	14.66	1.33	10.09	1.60	7.85	1.77	6.38	1.92	5.81	2.01	5.70	2.02	5.32	1.97
	20	14.55	1.38	9.83	1.62	7.50	1.78	5.95	1.93	5.38	2.04	5.37	2.07	5.22	2.05
	21	14.39	1.41	9.62	1.64	7.36	1.79	5.97	1.93	5.61	2.04	5.67	2.07	5.41	2.05
	22	14.23	1.44	9.40	1.66	7.21	1.81	6.00	1.94	5.84	2.04	5.97	2.07	5.61	2.05
	24	13.91	1.50	8.97	1.70	6.93	1.83	6.05	1.96	6.29	2.05	6.58	2.07	6.00	2.06
1.6 + 2.5 + 2.5	16	14.77	1.39	10.34	1.71	8.20	1.90	6.81	2.07	6.25	2.16	6.03	2.14	5.43	2.05
	18	14.66	1.44	10.09	1.73	7.85	1.92	6.38	2.08	5.81	2.18	5.70	2.19	5.32	2.13
	20	14.55	1.50	9.83	1.76	7.50	1.93	5.95	2.09	5.38	2.21	5.37	2.24	5.22	2.22
	21	14.39	1.53	9.62	1.78	7.36	1.94	5.97	2.10	5.61	2.21	5.67	2.24	5.41	2.22
	22	14.23	1.56	9.40	1.80	7.21	1.96	6.00	2.11	5.84	2.21	5.97	2.24	5.61	2.23
	24	13.91	1.63	8.97	1.85	6.93	1.99	6.05	2.12	6.29	2.22	6.58	2.25	6.00	2.23
1.6 + 2.5 + 3.5	16	14.77	1.38	10.34	1.69	8.20	1.88	6.81	2.05	6.25	2.14	6.03	2.12	5.43	2.02
	18	14.66	1.43	10.09	1.72	7.85	1.90	6.38	2.06	5.81	2.16	5.70	2.17	5.32	2.11
	20	14.55	1.48	9.83	1.74	7.50	1.91	5.95	2.07	5.38	2.18	5.37	2.22	5.22	2.20
	21	14.39	1.51	9.62	1.76	7.36	1.92	5.97	2.08	5.61	2.19	5.67	2.22	5.41	2.20
	22	14.23	1.55	9.40	1.79	7.21	1.94	6.00	2.08	5.84	2.19	5.97	2.22	5.61	2.20
	24	13.91	1.61	8.97	1.83	6.93	1.97	6.05	2.10	6.29	2.19	6.58	2.22	6.00	2.21
1.6 + 2.5 + 4.2	16	14.77	1.37	10.34	1.68	8.20	1.87	6.81	2.04	6.25	2.13	6.03	2.11	5.43	2.01
	18	14.66	1.42	10.09	1.71	7.85	1.89	6.38	2.05	5.81	2.15	5.70	2.16	5.32	2.10
	20	14.55	1.47	9.83	1.73	7.50	1.90	5.95	2.06	5.38	2.17	5.37	2.21	5.22	2.18
	21	14.39	1.51	9.62	1.75	7.36	1.91	5.97	2.06	5.61	2.18	5.67	2.21	5.41	2.19
	22	14.23	1.54	9.40	1.78	7.21	1.93	6.00	2.07	5.84	2.18	5.97	2.21	5.61	2.19
	24	13.91	1.60	8.97	1.82	6.93	1.96	6.05	2.09	6.29	2.18	6.58	2.21	6.00	2.20
1.6 + 2.5 + 5.0	16	14.77	1.28	10.34	1.58	8.20	1.75	6.81	1.91	6.25	1.99	6.03	1.98	5.43	1.89
	18	14.66	1.33	10.09	1.60	7.85	1.77	6.38	1.92	5.81	2.01	5.70	2.02	5.32	1.97
	20	14.55	1.38	9.83	1.62	7.50	1.78	5.95	1.93	5.38	2.04	5.37	2.07	5.22	2.05
	21	14.39	1.41	9.62	1.64	7.36	1.79	5.97	1.93	5.61	2.04	5.67	2.07	5.41	2.05
	22	14.23	1.44	9.40	1.66	7.21	1.81	6.00	1.94	5.84	2.04	5.97	2.07	5.61	2.05
	24	13.91	1.50	8.97	1.70	6.93	1.83	6.05	1.96	6.29	2.05	6.58	2.07	6.00	2.06
1.6 + 3.5 + 3.5	16	14.77	1.36	10.34	1.67	8.20	1.86	6.81	2.03	6.25	2.11	6.03	2.10	5.43	2.00
	18	14.66	1.41	10.09	1.70	7.85	1.88	6.38	2.04	5.81	2.14	5.70	2.15	5.32	2.09
	20	14.55	1.47	9.83	1.72	7.50	1.89	5.95	2.05	5.38	2.16	5.37	2.19	5.22	2.17
	21	14.39	1.50	9.62	1.75	7.36	1.90	5.97	2.05	5.61	2.16	5.67	2.20	5.41	2.18
	22	14.23	1.53	9.40	1.77	7.21	1.92	6.00	2.06	5.84	2.17	5.97	2.20	5.61	2.18
	24	13.91	1.60	8.97	1.81	6.93	1.95	6.05	2.08	6.29	2.17	6.58	2.20	6.00	2.19

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		0		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
1.6 + 3.5 + 4.2	16	14.77	1.36	10.34	1.66	8.20	1.85	6.81	2.01	6.25	2.10	6.03	2.09	5.43	1.99
	18	14.66	1.41	10.09	1.69	7.85	1.87	6.38	2.03	5.81	2.13	5.70	2.14	5.32	2.08
	20	14.55	1.46	9.83	1.72	7.50	1.88	5.95	2.04	5.38	2.15	5.37	2.18	5.22	2.16
	21	14.39	1.49	9.62	1.74	7.36	1.89	5.97	2.04	5.61	2.15	5.67	2.18	5.41	2.16
	22	14.23	1.52	9.40	1.76	7.21	1.91	6.00	2.05	5.84	2.16	5.97	2.19	5.61	2.17
	24	13.91	1.59	8.97	1.80	6.93	1.94	6.05	2.07	6.29	2.16	6.58	2.19	6.00	2.17
2.0 + 2.0 + 2.0	16	14.77	1.39	10.34	1.71	8.20	1.90	6.81	2.07	6.25	2.16	6.03	2.14	5.43	2.05
	18	14.66	1.44	10.09	1.73	7.85	1.92	6.38	2.08	5.81	2.18	5.70	2.19	5.32	2.13
	20	14.55	1.50	9.83	1.76	7.50	1.93	5.95	2.09	5.38	2.21	5.37	2.24	5.22	2.22
	21	14.39	1.53	9.62	1.78	7.36	1.94	5.97	2.10	5.61	2.21	5.67	2.24	5.41	2.22
	22	14.23	1.56	9.40	1.80	7.21	1.96	6.00	2.11	5.84	2.21	5.97	2.24	5.61	2.23
	24	13.91	1.63	8.97	1.85	6.93	1.99	6.05	2.12	6.29	2.22	6.58	2.25	6.00	2.23
2.0 + 2.0 + 2.5	16	14.77	1.39	10.34	1.71	8.20	1.90	6.81	2.07	6.25	2.16	6.03	2.14	5.43	2.05
	18	14.66	1.44	10.09	1.73	7.85	1.92	6.38	2.08	5.81	2.18	5.70	2.19	5.32	2.13
	20	14.55	1.50	9.83	1.76	7.50	1.93	5.95	2.09	5.38	2.21	5.37	2.24	5.22	2.22
	21	14.39	1.53	9.62	1.78	7.36	1.94	5.97	2.10	5.61	2.21	5.67	2.24	5.41	2.22
	22	14.23	1.56	9.40	1.80	7.21	1.96	6.00	2.11	5.84	2.21	5.97	2.24	5.61	2.23
	24	13.91	1.63	8.97	1.85	6.93	1.99	6.05	2.12	6.29	2.22	6.58	2.25	6.00	2.23
2.0 + 2.0 + 3.5	16	14.77	1.37	10.34	1.68	8.20	1.87	6.81	2.04	6.25	2.13	6.03	2.11	5.43	2.01
	18	14.66	1.42	10.09	1.71	7.85	1.89	6.38	2.05	5.81	2.15	5.70	2.16	5.32	2.10
	20	14.55	1.47	9.83	1.73	7.50	1.90	5.95	2.06	5.38	2.17	5.37	2.21	5.22	2.18
	21	14.39	1.51	9.62	1.75	7.36	1.91	5.97	2.06	5.61	2.18	5.67	2.21	5.41	2.19
	22	14.23	1.54	9.40	1.78	7.21	1.93	6.00	2.07	5.84	2.18	5.97	2.21	5.61	2.19
	24	13.91	1.60	8.97	1.82	6.93	1.96	6.05	2.09	6.29	2.18	6.58	2.21	6.00	2.20
2.0 + 2.0 + 4.2	16	14.77	1.37	10.34	1.68	8.20	1.87	6.81	2.04	6.25	2.13	6.03	2.11	5.43	2.01
	18	14.66	1.42	10.09	1.71	7.85	1.89	6.38	2.05	5.81	2.15	5.70	2.16	5.32	2.10
	20	14.55	1.47	9.83	1.73	7.50	1.90	5.95	2.06	5.38	2.17	5.37	2.21	5.22	2.18
	21	14.39	1.51	9.62	1.75	7.36	1.91	5.97	2.06	5.61	2.18	5.67	2.21	5.41	2.19
	22	14.23	1.54	9.40	1.78	7.21	1.93	6.00	2.07	5.84	2.18	5.97	2.21	5.61	2.19
	24	13.91	1.60	8.97	1.82	6.93	1.96	6.05	2.09	6.29	2.18	6.58	2.21	6.00	2.20
2.0 + 2.0 + 5.0	16	14.77	1.28	10.34	1.57	8.20	1.74	6.81	1.90	6.25	1.98	6.03	1.97	5.43	1.88
	18	14.66	1.33	10.09	1.59	7.85	1.76	6.38	1.91	5.81	2.00	5.70	2.01	5.32	1.96
	20	14.55	1.37	9.83	1.61	7.50	1.77	5.95	1.92	5.38	2.02	5.37	2.06	5.22	2.03
	21	14.39	1.40	9.62	1.63	7.36	1.78	5.97	1.92	5.61	2.03	5.67	2.06	5.41	2.04
	22	14.23	1.43	9.40	1.65	7.21	1.80	6.00	1.93	5.84	2.03	5.97	2.06	5.61	2.04
	24	13.91	1.49	8.97	1.69	6.93	1.82	6.05	1.94	6.29	2.03	6.58	2.06	6.00	2.05

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		0		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.0 + 2.5 + 2.5	16	14.77	1.39	10.34	1.71	8.20	1.90	6.81	2.07	6.25	2.16	6.03	2.14	5.43	2.05
	18	14.66	1.44	10.09	1.73	7.85	1.92	6.38	2.08	5.81	2.18	5.70	2.19	5.32	2.13
	20	14.55	1.50	9.83	1.76	7.50	1.93	5.95	2.09	5.38	2.21	5.37	2.24	5.22	2.22
	21	14.39	1.53	9.62	1.78	7.36	1.94	5.97	2.10	5.61	2.21	5.67	2.24	5.41	2.22
	22	14.23	1.56	9.40	1.80	7.21	1.96	6.00	2.11	5.84	2.21	5.97	2.24	5.61	2.23
	24	13.91	1.63	8.97	1.85	6.93	1.99	6.05	2.12	6.29	2.22	6.58	2.25	6.00	2.23
2.0 + 2.5 + 3.5	16	14.77	1.37	10.34	1.68	8.20	1.87	6.81	2.04	6.25	2.13	6.03	2.11	5.43	2.01
	18	14.66	1.42	10.09	1.71	7.85	1.89	6.38	2.05	5.81	2.15	5.70	2.16	5.32	2.10
	20	14.55	1.47	9.83	1.73	7.50	1.90	5.95	2.06	5.38	2.17	5.37	2.21	5.22	2.18
	21	14.39	1.51	9.62	1.75	7.36	1.91	5.97	2.06	5.61	2.18	5.67	2.21	5.41	2.19
	22	14.23	1.54	9.40	1.78	7.21	1.93	6.00	2.07	5.84	2.18	5.97	2.21	5.61	2.19
	24	13.91	1.60	8.97	1.82	6.93	1.96	6.05	2.09	6.29	2.18	6.58	2.21	6.00	2.20
2.0 + 2.5 + 4.2	16	14.77	1.37	10.34	1.68	8.20	1.87	6.81	2.04	6.25	2.13	6.03	2.11	5.43	2.01
	18	14.66	1.42	10.09	1.71	7.85	1.89	6.38	2.05	5.81	2.15	5.70	2.16	5.32	2.10
	20	14.55	1.47	9.83	1.73	7.50	1.90	5.95	2.06	5.38	2.17	5.37	2.21	5.22	2.18
	21	14.39	1.51	9.62	1.75	7.36	1.91	5.97	2.06	5.61	2.18	5.67	2.21	5.41	2.19
	22	14.23	1.54	9.40	1.78	7.21	1.93	6.00	2.07	5.84	2.18	5.97	2.21	5.61	2.19
	24	13.91	1.60	8.97	1.82	6.93	1.96	6.05	2.09	6.29	2.18	6.58	2.21	6.00	2.20
2.0 + 2.5 + 5.0	16	14.77	1.28	10.34	1.57	8.20	1.74	6.81	1.90	6.25	1.98	6.03	1.97	5.43	1.88
	18	14.66	1.33	10.09	1.59	7.85	1.76	6.38	1.91	5.81	2.00	5.70	2.01	5.32	1.96
	20	14.55	1.37	9.83	1.61	7.50	1.77	5.95	1.92	5.38	2.02	5.37	2.06	5.22	2.03
	21	14.39	1.40	9.62	1.63	7.36	1.78	5.97	1.92	5.61	2.03	5.67	2.06	5.41	2.04
	22	14.23	1.43	9.40	1.65	7.21	1.80	6.00	1.93	5.84	2.03	5.97	2.06	5.61	2.04
	24	13.91	1.49	8.97	1.69	6.93	1.82	6.05	1.94	6.29	2.03	6.58	2.06	6.00	2.05
2.0 + 3.5 + 3.5	16	14.77	1.36	10.34	1.66	8.20	1.85	6.81	2.01	6.25	2.10	6.03	2.09	5.43	1.99
	18	14.66	1.41	10.09	1.69	7.85	1.87	6.38	2.03	5.81	2.13	5.70	2.14	5.32	2.08
	20	14.55	1.46	9.83	1.72	7.50	1.88	5.95	2.04	5.38	2.15	5.37	2.18	5.22	2.16
	21	14.39	1.49	9.62	1.74	7.36	1.89	5.97	2.04	5.61	2.15	5.67	2.18	5.41	2.16
	22	14.23	1.52	9.40	1.76	7.21	1.91	6.00	2.05	5.84	2.16	5.97	2.19	5.61	2.17
	24	13.91	1.59	8.97	1.80	6.93	1.94	6.05	2.07	6.29	2.16	6.58	2.19	6.00	2.17
2.5 + 2.5 + 2.5	16	14.77	1.39	10.34	1.71	8.20	1.90	6.81	2.07	6.25	2.16	6.03	2.14	5.43	2.05
	18	14.66	1.44	10.09	1.73	7.85	1.92	6.38	2.08	5.81	2.18	5.70	2.19	5.32	2.13
	20	14.55	1.50	9.83	1.76	7.50	1.93	5.95	2.09	5.38	2.21	5.37	2.24	5.22	2.22
	21	14.39	1.53	9.62	1.78	7.36	1.94	5.97	2.10	5.61	2.21	5.67	2.24	5.41	2.22
	22	14.23	1.56	9.40	1.80	7.21	1.96	6.00	2.11	5.84	2.21	5.97	2.24	5.61	2.23
	24	13.91	1.63	8.97	1.85	6.93	1.99	6.05	2.12	6.29	2.22	6.58	2.25	6.00	2.23

Combination (Capacity)	Indoor Air Temp. °C DB	Outdoor Air Temp. °C WB													
		15		10		6		0		-5		-10		-15	
		Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power	Total Q	Input Power
2.5 + 2.5 + 3.5	16	14.77	1.37	10.34	1.68	8.20	1.87	6.81	2.04	6.25	2.13	6.03	2.11	5.43	2.01
	18	14.66	1.42	10.09	1.71	7.85	1.89	6.38	2.05	5.81	2.15	5.70	2.16	5.32	2.10
	20	14.55	1.47	9.83	1.73	7.50	1.90	5.95	2.06	5.38	2.17	5.37	2.21	5.22	2.18
	21	14.39	1.51	9.62	1.75	7.36	1.91	5.97	2.06	5.61	2.18	5.67	2.21	5.41	2.19
	22	14.23	1.54	9.40	1.78	7.21	1.93	6.00	2.07	5.84	2.18	5.97	2.21	5.61	2.19
	24	13.91	1.60	8.97	1.82	6.93	1.96	6.05	2.09	6.29	2.18	6.58	2.21	6.00	2.20
2.5 + 2.5 + 4.2	16	14.77	1.37	10.34	1.68	8.20	1.87	6.81	2.04	6.25	2.13	6.03	2.11	5.43	2.01
	18	14.66	1.42	10.09	1.71	7.85	1.89	6.38	2.05	5.81	2.15	5.70	2.16	5.32	2.10
	20	14.55	1.47	9.83	1.73	7.50	1.90	5.95	2.06	5.38	2.17	5.37	2.21	5.22	2.18
	21	14.39	1.51	9.62	1.75	7.36	1.91	5.97	2.06	5.61	2.18	5.67	2.21	5.41	2.19
	22	14.23	1.54	9.40	1.78	7.21	1.93	6.00	2.07	5.84	2.18	5.97	2.21	5.61	2.19
	24	13.91	1.60	8.97	1.82	6.93	1.96	6.05	2.09	6.29	2.18	6.58	2.21	6.00	2.20
2.5 + 3.5 + 3.5	16	14.77	1.36	10.34	1.66	8.20	1.85	6.81	2.01	6.25	2.10	6.03	2.09	5.43	1.99
	18	14.66	1.41	10.09	1.69	7.85	1.87	6.38	2.03	5.81	2.13	5.70	2.14	5.32	2.08
	20	14.55	1.46	9.83	1.72	7.50	1.88	5.95	2.04	5.38	2.15	5.37	2.18	5.22	2.16
	21	14.39	1.49	9.62	1.74	7.36	1.89	5.97	2.04	5.61	2.15	5.67	2.18	5.41	2.16
	22	14.23	1.52	9.40	1.76	7.21	1.91	6.00	2.05	5.84	2.16	5.97	2.19	5.61	2.17
	24	13.91	1.59	8.97	1.80	6.93	1.94	6.05	2.07	6.29	2.16	6.58	2.19	6.00	2.17