

Messrs. CEITEC S.A.**SPECIFICATIONS**

Model : High Temperature Clean Oven

Type : CLH-35CD(Ⅲ)-S

Serial. No. : R265057J01

RECEIPT SIGN COLUMN

I received this document.

Date: _____

Section name

		Charged

Any change after settlement of the specifications shall be agreed upon between the 2 parties. Please be noted that there may be costs for the change.

If there is no response from you within 2 weeks after receiving the specifications, it shall be deemed to have accepted the specifications.

Date issued:2026.08.25

Electronics & Advanced Equipment Dept.

Approved	Checked		Issued
井 津	北 側	中 垣	三 戸

JTEKT THERMO SYSTEMS CORPORATION

※This is confidential. It shall not be disclosed to any third party without prior consent of us.

REVISIONS

Reference NO	PRINT DATE	MARK	PAGE	REVISION
R265057J01	2026.08.25			First Edition
		【Changes from the quoted specifications】		
		*	P1 P3 P7 P14 P15	Outline Ass'y Dwg. Changed Piping Diagram Added <C>8)Model was changed. <D>2)Change power supply capacity <L>14)Spare parts was changed. <M>Separate delivery parts list was added.

Model : High Temperature Clean Oven

Type : CLH-35CD(Ⅲ)-S

OUTLINE ASSY DWG. : R-20-30688 *

PIPING DIAGRAM : R-26-30603 *

<A> Item to be Quoted

- | | |
|-------------------------------|--------|
| 1) Equipment Main Body | |
| High Temperature Clean Oven | 1 unit |
| Control box (fitted on oven) | 1 set |
| | |
| 2) Construction | |
| ▪Ex-Godown | |
| ▪Export package | |
| ▪Installation | |
| ▪Test run and Adjustment work | |

** Outline of equipment**

This equipment is a batch type clean oven which has a structure that enhances airtightness by sealing all around the metal sheet of the inner chamber with argon gas welding and heat resistant sealing material.

Also, this equipment enables heating process in a low oxygen density atmosphere by introducing N2 gas.

The inside of the chamber is equipped with heat resistant high performance filter and can keep cleanness of class 100.

The flow in the chamber is from right side of the front to left.

<C> Specifications

- 1) Type
 - Heating : Hot air convection type clean oven with electric resistance heating.
- 2) Normal operating temp. : RT+70°C~450°C
 - Temp. uniformity : $\pm 5^{\circ}\text{C}$ (at 450°C) (No sample, at a stable temp.)
 - Usable dimension
 - Width : 450mm
 - Length : 450mm
 - Height : 500mm
 - Heat-up time : Within 70min (Room temp.+70°C→445°C(450-5°C)) (no sample)
 - ※ Power supply voltage at 220V
(It may be slow if the voltage drops.)
 - Cooling down time : Within 100min (450°C→100°C) (no sample)
 - Cleanness : Class100 (0.5 μm) (In stable temp condition.)
 - ※ Cleanness of class 100 can't be kept with the door open.
 - Remaining O2 density : Less than 20ppm.
(Within 50 minutes after 250L/min of N2 gas is supplied)
 - ※ At less than 5ppm of residual O2 level in supply N2 gas
- 3) Furnace body dimension
 - Max. outer shell dimension : Refer to the outline assy
 - Weight : About 1300kg
- 4) Heating Part
 - Heater : Sheath Heater 1 set
 - Heater Power : 48.3kW(at200V)
 - Material of covering : AH-1
 - ※ The pipe has heat resistant coating to prevent oxide scale
- 5) Convection fan
 - Fan motor : Fully closed external fan motor 1 set
 - : 4P, 1.5kW, 200V(50/60Hz)/220V(60Hz), 3 ϕ
 - : Inverter drive 1 set
 - Fan : Sirocco fan(SUS304) 1 set
 - ※ Installation of high efficiency motor is required by national legislation.
In this equipment a high efficiency motor is employed.
However, if it is combined with an inverter, depending on the setting frequency, harsh sound may be generated.
In that case, please note that it may be necessary to adjust the frequency from 50 to 60 Hz.
- 6) Heating chamber
 - Material : SUS310S
 - Dimension
 - Width : 670mm
 - Length : 670mm
 - Height : 790mm

7) Temperature control unit		
a) Temp. control programmer	:	1 set
Model	:	PF900 series(Made by RKC)
	※	Digital program controller with micro processor.
Memory Capacity	:	Maximum 99 pattaerns(99 segments/1pattern) Maximum 1024 segments
Indication accuracy	:	±0.5°C (0~500°C)
Temp. setting range	:	+70~450°C
Temp. setting resolution	:	0.1°C
Time setting resolution	:	1minute
Adjustment operation	:	PID control with auto tuning
Input	:	Thermocouple JIS-K type
	※	This programmer continues the previous program after restoring when a power failure happens.(when the power failure alarm doesn't blare.)
	※	With communication cable
b)Power control unit	:	SSR drive system 3 sets
8) Heater Over Temp. protector	:	Heater Over Temp. protector (for Heater) 1 set
Model	:	SDC C1M equivalent. (Made by azbil) *
Temp. setting range	:	0~550°C
Input	:	Thermocouple JIS-K type
9) Heater Over Temp. protector	:	Heater Over Temp. protector (for Filter) 1 set
Model	:	SDC C1M equivalent. (Made by azbil)
Temp. setting range	:	0~350°C
Input	:	Thermocouple JIS-K type
10) Temp. recorder	:	※Change to optional model
11) Operation part		
Programable controller	:	KV-NC32T (Made by keyence) 1 set
Touch panel	:	VT5-W07 (Made by keyence) 1 set
		7 inches wide, color LCD

12) Piping system for gas		
a) Digital flow meter	: For purge	
	: FS. 500L/min , Max. introduction amount 250L/min	
	: Input readout accuracy $\pm 3\%$ FS	
	: Flow adjustment possible	
b) Digital flow meter	: For running	
	: FS. 200L/min , Max. introduction amount 150L/min	
	: Input readout accuracy $\pm 3\%$ FS	
	: Flow adjustment possible	
※ With accumulated display function		
※ Low flow alarm setting	: 10% down value from the amount of gas at the time of inspection conditions measurement. (Alarm value can be set arbitrarily)	
c) Pressure gauge for chamber	: 0~2kPa	1 set
d) Solenoid valve		
For purge	: Normally open type (N.O)	1 set
For running	: Normally closed type (N.C)	1 set
※ Open/close of each solenoid valve can be set on time-event of the programmer.		
e) Presser regulator,	: For introduced gas	1 set
f) Piping	: Nylon tube and urethane tube	1 set
13) Cooler	: Cooler with chilled water to cool the heat resistant high performance filter.	1 set
Solenoid valve to switch cooling water quantity	: Normally closed type (N.C)	1 set
	※ Change flow rate Temperature rise & soak : Small Temperature decrease : Large	
※ Open/close of solenoid valve for cooling water flow can be set on time-event of the programmer.		
Operation at high temperature will cause distortion of chamber due to thermal shock		
14) Chamber circumference cooling	: No installation	0 set
15) Shelf(Standard feature)	: Punching metal	2 sets
Material	: SUS310S	
Withstand load	: 15kg per shelf (with uniformly distributed load)	
16) Filter	: High Temp. Filter	1 set
17) Clean Meter	: To confirm filter clogging	1 set
Pressure range	: 0~1000Pa	
18) Service Port	: Port size RC1/2 (Fixed on left side 2sets)	
19) Adjuster Bolts	:	6 sets
20) Flow monitor to cool furnace	: The lower limit alarm setting before shipment is at 2L/min.	1 set

21) Safety device

- a) Earth leakage breaker : Sensitivity current 100mA
- b) Heater Over Temp. protector(for Heater) : Separated from temperature control circuit
- c) Heater Over Temp. protector(for Filter) : airtightness by sealing all around the metal sheet of the inner chamber with argon gas welding and heat resistant sealing material.
- d) Flow monitor : To detect a drop of cooling water flow
- e) Switch : To detect the door OPEN in operation
- f) Circuit protector : For protection of control circuit
- g) Inverter error
 - g-1) : To prevent overload in the fan motor, to detect abnormality in the inverter
 - g-2) : To detect under frequency of the inverter
- h) Timer in touch panel : To detect power failure in auto-operation
- i) Digital flow meter
 - i-1) : To detect decrease of the introduced gas flow rate
 - i-2) : To detect rise of the introduced gas flow rate

【Measures when the above alarms occurs】

- When a) occurs : Earth leakage breaker OFF (heater OFF, fan OFF, purge valve OPEN)
 - When b) ~ e), g-2), h), i-1) occur : Alarm buzzer ON, heater OFF, purge valve OPEN, programmer RESET, cooling water valve OPEN
 - When f) occurs : Circuit protector OFF (heater OFF, motor OFF, purge valve OPEN)
 - When g-1) occurs : Alarm buzzer ON, heater OFF, fan OFF, purge valve OPEN, programmer RESET, cooling water valve OPEN
 - When i-2) : Alarm buzzer ON
- ※ Each alarm name will be displayed on PC monitor (except a and f))

<D> Exterior/ paint color(Melamine resin baked finish)

1) Main body of oven / control box : JPMA H11-801 (white)

2) Operation panel : JPMA H11-802 (blue)

<E>Utility/installation work

1) Piping :

Each piping inside the furnace has been installed.

The water and gas piping works from the supply sources

to the inlets of the furnace are customer's work.(Including drain piping work)

※ To avoid falling of the piping or the like on the primary side,

a cover or safety stripe tape is recommended.

See the table below for the dimension of piping inlets.

No.	Fluid	Pipe size	Supply pressure	Capacity	Quantity	Remarks
1	N2	3/8B Ball valve	0.4~0.6MPa	Max. 250L/min	1	Residual O2 level: below 5ppm
2	Air	3/8B Ball valve	0.4~0.6MPa	Max. 150L/min	1	To add a gas introduction circuit Air Quality Grae: Refer to JISB8392-1 Particle grade:1 Humidity and moisture grade:1to 6 Oil Grade:2
3	Feed water	3/8B Ball valve	Supply press. : Max. 0.35MPa Differential press. : Min. 0.1MPa Temp. 15°C~30°C	Min. 2L/min	1	For oven Water type: soft water * Details in the table below
4	Drain	3/8B socket	—	—	1	For oven
5	Feed water	1/2B ball valve	Supply press. Max. 0.35MPa Differential press. Min. 0.1MPa Temp. 15°C~30°C	Min. 20L/min	1	For Heat Exchanger Water type: soft water * Details in the table below
6	Drain	1/2B socket	—	—	1	For Cooler
7	Process Exhaust	1-1/4B ball valve	—	—	1	For chamber introduction gas exhaust

(Caution) The water piping for supply/drainage inside the furnace doesn't have any insulation.

Pay attention to supply water temperature in order to prevent from dew condensation.

Even if water temperature within the range of table above, temperature and humidity of installation area might cause dew condensation.

Install a filter for Y-type strainer or the like on the water supply line.

【Rough indication】 Dew condensation occurs if the relative humidity is higher than the values in the table below.

Room temperature—Water temperature(Δ °C)	5	10	15	20	25
Relative humidity (%)	74	55	42	32	25

【Cooling water quality standard】 Japan Industrial Furnace Manufacturers Association standard

Item	Reference value	Item	Reference value
Externals	Colorlessness	Chlorine ion(Cl ⁻) (mg/L)	≤30
Turbidity	≤50	Sulfuric acid ion(SO ₄ ²⁻) (mg/L)	≤30
Ratio resistance(Ω・cm)	≥5000	Calcium ion(Ca ²⁺) (mg/L)	≤15
PH	6.5~7.5	Magnesium ion(Mg ²⁺) (mg/L)	≤2
CaCO ₃	≤80	Iron (mg/L)	≤0.4
Hardness of calcium	≤30	Total solid (mg/L)	≤200
Hardness of magnesium	≤10	—	—

*

2) Electric work

The wire connection in the furnace has been finished.

Please arrange for the installation of the connecting wiring from the primary power supply connection point to the furnace transformer.

Please carry out the wiring work to connect the furnace body transformer to the furnace body control panel.

* To avoid falling of wires on the primary side, a cover or safety stripe tape is recommended.

Power inlet	Connection port	
Separately installed transformer	Transformer primary-side terminal	
Power supply voltage	Capacity	Earth
480V(±5%), 50/60Hz(±1%), 3φ 4W, 60.0kW	—	C type

3) Construction at customer's side :

This equipment is to be installed at the permanent location.

The ambient temperature must be 5 to 40°C and the relative humidity must be below 80% in the room.

※ Adjust the level of the equipment and make sure that the door doesn't close under its own weight.

Refer to the outline ass'y drawing for the maintenance space.

4) Exhaust duct work :

The exhaust duct work shall be conducted at customer's side.

Hood type duct(Direct connection is impossible.)

* A hood type duct must be installed at your end if there is something flammable near each outlet of the exhaust ducts.

* In the composition of hood ducts to be installed at your end, the conditions below must be taken into account.

Process Exhaust : Maximum air flow 0.25m³/min (at 200°C)

<F> Acceptance conditions

- 1) The check items for the ability, safety and exterior structure of the specifications are based on the table below.

○ : To implement — : Not to implement

No.	Item	Specification		Method/Condition	Measured at	
					Vender's factory	Customer's site
1	Exterior	Dimensions of equipment		See the outline ass'y drawing.	○	—
		Paint color		See the color sample.	○	—
2	Specifications			See our shipping inspection report.	○	—
3	Performance	Temp. uniformity	±5°C (at 450°C)	•Record a temp. chart with the temp. recorder. •Thermocouples : JIS-K type •Sample point : 9 points : 8 corners of the usable dimension and the center point. •Condition : N2 gas flow rate:150L/min No sample, in stabilized temp. No shelf and shelf support	○	○
		Heating up time	Within 70min (Room temp.+70→445°C(450-5°C)) ※Power supply voltage at200V	•Measure the heating up time with the temp. recorder. •Thermocouples : JIS-K type •Sample point : Control point(1 point) •Condition : No sample	○	—
		Cooling down time	Within 100min (450→100°C)	•Measure the cooling down time with the temp.recorder. •Thermocouples : JIS-K type •Sample point : Control point(1 point) •Condition : No sample	○	—
		Remain O2 density	•Chamber O2 density : Below 20ppm •Reaching time : Within 50min (Measure at room temp.)	•Measure with the O2 analyzer. •O2 analyzer : Zirconia sensor type •Sample point : The center point of chamber(1 point) •Condition : N2 gas flow 250L/min Residual O2 level in supply N2 gas Below 5ppm, no sample	○	—
		Cleanness	•Cleanness : Class 100(0.5 μ m) •Temp. soaking condition. : Room temp., 450°C	•Check it with the particle counter •Sample 1 point at the center of specified size •Condition : Without loading, no shelf board, no shelf support.	○	—

※Our measuring data of performance will be submitted.

2) Documents to submit

- a) Instruction manual for equipment : PDF file
- b) Instruction manual for attached devices : PDF file
- c) Data submission for <F>1)–No3 (performance) : Clean paper 1set
- ※ If there is no on-site inspection, the inspection result data will be submitted by e-mail.
- d) Refer to the option items for calibration and traceability certificates of each attached device
- ※ All PDF files stated above will be submitted on a CD-R. 1set
- ※ Language of submitted documents
 - Name plates : English
 - Touch panel : English
 - Indications : English
 - Instruction manual : English
 - Attached device manuals : English ※English version is only for specific devices
 - Drawings : English
 - PL seal : Portuguese

3) Test run

- a) Equipment restoration (accessory assembly)
 - b) Utility connection check
 - c) Operation check
 - d) Heating check
 - e) Operation instruction
 - ※ Please provide utility like water and gas during test run at your site.
- The acceptance and the test run (instructions) will be completed with these items above.

<G> Warranty period

After delivery and acceptance, any breakdown caused by defects in manufacturing will be covered for the period of 1 year. However, the consumables are not included.

*Utilities such as electricity and gas for repair works shall be provided free of charge.

*Even within the warranty period, deformations of heated parts which are still able to function shall be allowable. However, the consumables are not included.

*Transportation and hotel expenses to dispatch service persons shall be born by customer.

<H> Equipment specifications

- ① Our standard

<I> Exemption

The following cases shall not be covered by the warranty even within the warranty period.

- ① Any breakdown, damage, or loss brought about by operation which doesn't follow our instruction manual.
- ② Any breakdown, damage, or loss caused about by repairs or modifications without our consent.
- ③ Any breakdown, damage, or loss caused by fire, earthquake, typhoon, flood, lightning strike, or any other act of God, or accidents.
- ④ Any breakdown, damage, or loss caused by using unspecified parts or utilities like abnormal voltage, different frequency, different ambient temperature and humidity, abnormal water pressure, or as such.
- ⑤ Any breakdown, damage, or loss caused by unspecified usage or operation conditions.
- ⑥ Any breakdown, damage, or loss caused by repairs, modifications, or relocations conducted by the customer, anyone not from JTS or any third party unauthorized by us.
- ⑦ After delivery, any breakdown, damage, or loss caused by falling, collapsing, or relocation.
- ⑧ Any breakdown, damage, or loss caused by inadequacy of statutory inspections, specified regular inspections, or other inspections, adjustment, or cleaning. Also, any breakdown, damage, or loss caused by mistakes in maintenance.
- ⑨ Any breakdown, damage, or loss caused by defects after the warranty expires.
- ⑩ Any breakdown, damage, or loss of equipment which doesn't have a JTS identification plate.
- ⑪ Any breakdown, damage, or loss of equipment which is placed in a country unspecified in the contract without our consent.

Also, any damage caused by failing to follow the specifications of a country where the equipment is installed.

- ⑫ Any breakdown which is not considered our responsibility.
- ⑬ Any breakdown resulted from gas, melted substances, or dust generated from workpieces.
- ⑭ Warranty for the whole equipment after any event listed above from 1 to 13.
- ✕ Even during the warranty period, secondary damages (damage to related equipment and secondary losses such as profits during the inoperable period) will be excluded from the warranty.
- ⑮ Major consumables
 - ☆ Door seal
 - ☆ Oil seal (for motor)
 - ☆ High temp filter (With Packing for filter)
 - ☆ Thermocouple
 - ☆ nicafilm

<J> Precaution

- ① Replace the bearings inside the motor every 20000 hrs.
- ② Open/close the door only when the chamber is below 100°C.
Otherwise, the chamber may be damaged and the lifetime of the equipment may be shortened due to the rapid change of temperature. This damage is not covered by the warranty.
- ③ The pressure of the chamber has to be kept from 0 to 1kPa.
In case chamber pressure is at more than 1kPa during heating up, it may be the cause of chamber damage or defective gas seals.
- ④ We have been exerting efforts to reduce consumption of paper as one of nature conservation activities. Therefore, we provide instruction manuals in PDF files on a CD-R.
- ⑤ Notes of the case, which is used as a resin cure dedicated furnace
There is a possibility that resin component or binder generated from products are cooled by cooler and they condensate on cooler body, cooler fins or high performance filters.
The condensation may cause furnace performance like heating and cooling down time, temperature distribution and cleanness inside chamber lower.
Therefore we strongly recommend periodic maintenance work, cleaning and in some cases, parts replacement. (Half a year)
- ⑥ We guarantee cleanness (Class 100 or less) inside chamber only and don't guarantee outside of chamber and exterior parts.
- ⑦ Inner chamber sheet metal, junction of each sheet metal and heaters are expanded and contracted every time by repetition of heating and cooling.
Therefore they will deteriorate. After warranty period for 1year, any repairs for chamber thermal deformation will be charged.
- ⑧ The Cabinet Order on the Partial Revision of the Order for Enforcement of the Industrial Safety and Health Act was promulgated. Since November 2015, Refractory Ceramic Fibers(RCF) has been added to 2nd Class materials for subjects of labelling, and specified chemical materials based on the Industrial Safety and Health Act. The heater insulators in this equipment include RCF. The normal operations of the equipment don't fall under the regulations. However, RCF dust generating works such as dismantling, cutting and processing RCF are subjects to the regulations due to risk of carcinogenesis by inhalation of RCF dust.
In those works, you are obligated to appoint an operator chief of specified chemical substances, wear a dust protective mask, long sleeved work clothing and protective gloves, use measures to prevent dust scattering such as job-site curing and cleaning, and take special medical examinations. Please contact us to request service when the works falling under the regulations are necessary. For the details on the regulations, see the website of Ministry of Health, Labour and Welfare.
<https://www.mhlw.go.jp/stf/seisakunitsuite/bunya/0000099121.html>
- ⑨ This equipment doesn't include additional safety measures due to your judgement that the inflammable volatile gas generated from the processed works is little or none and the processing method is no danger to ignite the inflammable gas. However, the inflammable gas generated from the processed works may ignite depending on debinding process (removing grease) or some sort of operations/methods. This equipment must be operated by the workers who know the basic operation well, have received enough training and have read and understood Instruction Manual and Safety Manual.
- ⑩ When operating in an Air atmosphere, oxidation of the chamber is promoted and rust may occur. Please note that in some cases the generated rust may adhere to the processed works.

<L> Option

- 1) Chamber pressure switch : To detect the increase of chamber pressure 1 set
 Upper Limit : 1.5kPa
 Operation : Alarm busser ON, heater OFF, purge valve OPEN, programmer RESET
- 2) Change temp. recorder (change from <C>-10)
【Paperless (KEYENCE)】
 Model : TR-W500 series 1 set
 Display : 5.7inch TFT color
 Number of input points : 8points
 Input unit : TR-TH08A 1 set
 ※ 1 of input points is used for equipment signal.
 Recording medium : Internal memory
 ※ Records only during the programmer in RUN mode.
- Common items of recorder
 Input 1 : Thermocouple JIS-K type
 (input a temperature for controller)
 Input 2 : O2 concentration
 Input 3 : -
 Input 4 : -
 Input 5 : -
 Input 6 : -
 Input 7 : -
 Input 8 : data acquisition start/stop
- 3) Gas introducing circuit :
 1) Use : Air purge
 2) Digital flow meter : FS. 200L/min , Maximum introduction amount 150L/min 1 set
 ※ Flow adjustment possible
 With accumulated display function
 The alarm value in the decrease of gas flow before shipment is 10% less than the gas amount measured under the acceptance conditions.
 Operation : Details in <C>-21
 3) Solenoid valve : Normal close (N.C) 1 set
 ※ OPEN/CLOSE of the solenoid valve can be set in the time event of the programmer.
 4) Pressure reducing valve : 1 set
 ※ When chamber is the high temp., please don't introduce Air.
- 4) Change of flowmeter : Analog type → digital type 1 set
 for coolingwater
- 5) Plank (made by SUS) : 1 set

- 6) O2 Analyzer : 【Made by TORAY ENGINEERING】 1 set
- Model : LC-860KD
- Type : Zirconia (for low density)
- Measuring range : 0~10/100/1000ppm/1/10/100%
(automatic range switching)
- Output to record : DC0~10V
- : With an alarm output
- Option : With a filter
- Option : With a solenoid valve(interlocking with purge valve)
- ※ To prevent clogging in the sampling piping,
atmosphere is sampled only during N2 purge or Air purge (before heating).
(Switch the route from the air to the sampling gas in the chamber with the solenoid valve.)
- ※ If volatile gas is generated from the work pieces even at room temperature,
the oxygen analyzer may break down depending on the component of sampling gas.
Any breakdown of the oxygen analyzer caused by gas from the work pieces is
not covered by the warranty
- ※ This device is to measure incombustibility and clean atmosphere.
Flammable gas, solvent vapor, corrosive gas and poisoning substances may cause
measurement errors and sensor deterioration.
EX) Corrosive gas(F, HF, CL2, HCL, SO2, H2S, etc)
Poisoning substances (Si, Pb, P, Zn, Sn, As, etc)
- ※ O2 density interlock(only with solenoid valve)
When starting to process, the program doesn't advance to the next step until O2 density in the chamber
is below the lower limit alarm value(20ppm). Also, if O2 density inside the chamber doesn't get lower
within the time set in advance, the program stops and the alarm blares.
- Operation : Alarm buzzer ON, heater OFF, purge valve OPEN,
programmer RESET, Cooling water valve OPEN
- : Select ON/OFF in the touch panel.
- 7) Cold trap : 1 set
- Type : Water cooled fin cooler for exhaust gas
- Material : SUS304
- ※ NW 40 with flanges , with exhaust pipe(φ 42.7)
- ※ Selection of either "Cold Trap" or "Exhaust Gas Cooler"
- ※ If leak water detector of item is selected, the sensing band will be installed
at the lower vicinity of cold trap cooling water piping.

- | | |
|-------------------------------|----------|
| 14) Spare parts | |
| Parts | Quantity |
| Hepa filter | 1 set |
| O ring (for fan motor flange) | 1 set |
| Door seal (Front door) | 1 set |

R265057NOE.xlsm

<M> Separate delivery parts list *

The following parts will be delivered to your company separately.

Name	Type	Q'ty	Unit	Maker
Shelf(Standard feature)	Details in <G>-15	2	sets	Jtekt thermo systems
Shelf bracket		2	sets	Jtekt thermo systems
Plank	Details in <L>-5	1	set	Jtekt thermo systems
Spare parts	Details in <L>-14	1	set	Jtekt thermo systems
Transformer		1	set	Jtekt thermo systems