



YEEGO DISPLAY REFRIGERATOR
INSTRUCTION MANUAL

Who are we?

Yeego, the perfect fusion of fashion and innovation. We are a factory seller specializing in wine cooler and beverage refrigerator. We pursue fashionable design and innovative technology to create a space full of personality and modernity for you. Whether you are a connoisseur who loves wine tasting, or a host looking to add unique charm to family gatherings, Yeego products can meet your needs. Choose Yeego, let us create a fashionable, innovative and wonderful life experience together.

 <https://yeegolife.com/>

 <https://www.facebook.com/yeegolife.oficial>

SAFETY PRECAUTIONS

- The purpose of the safety precautions in this manual is to ensure safe and correct use of the unit to minimize risks that could cause serious damage and injury to you or other persons. The safety precautions are divided into WARNINGS and CAUTIONS. Cases where improper handling of the unit could lead to death or serious injury are listed under the "△WARNING" heading. However, the cases listed under the "△CAUTION" heading could also lead to serious results. To ensure the safety, adhere strictly to both types of safety precautions.

△ WARNING Improper handling of the unit could lead to death or serious injury.

△ CAUTION Improper handling of the unit could lead to serious results depending on the circumstances.

- Text set off by the exclamation mark contains information that should be strictly adhered to.
- After reading the instruction manual, store it in an easily accessible place where the user(s) of this product can easily find it.

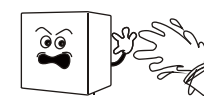
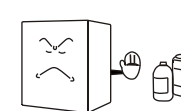
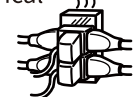
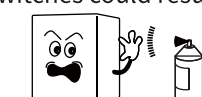
Warning: Installation, maintenance and service should be done by specialized personnel who be mandated by the manufacturer or the authorized representative.

△ WARNING

-  Installation should be performed only by the dealer or a qualified expert. Attempting to install the unit yourself could result in water leakage, refrigerant leakage, electrical shock, or fire.

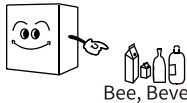
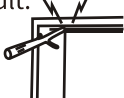
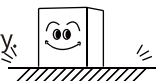
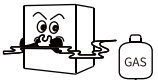
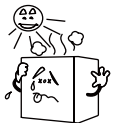
PRECAUTIONS FOR INSTALLATION

△ WARNING

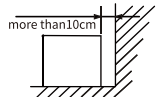
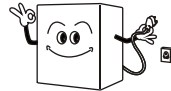
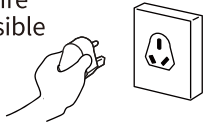
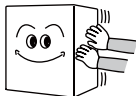
 DON'T TAMPER Installation should be performed only by the dealer or a qualified expert. Attempting to install the unit yourself could result in water leakage, refrigerant leakage, electrical shock, or fire. 	 ELECTRICAL SHOCK HAZARDS Never splash water directly onto the product or wash with water as short circuit and electrical leakage could result. 
 DANGER OF EXPLOSION Never put flammable or volatile substances into the unit as explosion and fire could result. 	 PROHIBITED Do not damage, modify, excessively bend, strain, twist or bundle up the power cord. Also, placing heavy objects on the power cord or squeezing it in a tight place could damage it, possibly resulting in electrical shock or fire. 
 PROHIBITED Use a dedicated wall outlet. Do not use extension cords or convenience receptacles as this could result in electrical shock, overheating and a fire. 	 FLAMMABLE Never use flammable spray cans or leave flammable substances near the unit. Sparks from electrical switches could result in explosion and fire. 

SAFETY PRECAUTIONS

⚠ WARNING

! The cooler is intended for storage and display of beer and beverage for sale. Do not use for other purpose than the intended as this could adversely affect items placed in the unit.  Bee, Beverage	⚠ ROTATING DEVICE Never attempt to insert fingers, sticks, etc. fan is rotating at high speed inside the outlet. Injury, electrical shock and improper operation could result. 
⊘ PROHIBITED For indoor use only. Using the unit in a location exposed to rain could result in electrical leakage and electrical shock. 	⊘ PROHIBITED Never place heavy objects or items containing water on top of the unit. Objects could fall down and cause injury and spilled water could deteriorate the insulation of electrical components and result in electrical leakage. 
! Install the unit in a location where the floor is sturdy enough to support the load of the unit. If the floor is not sturdy enough or installation is incorrectly performed, the unit could tip over and falling shelves and products could cause personal injury. 	⚠ CAUTION AGAINST EXPLOSION If you find gas leakage, please don't touch the cooler and close gas and open the door for ventilation. Gas leakage cause explosion, fire and fire injury. 
! Store the unit in a location where it is not exposed to rain. Using a unit that has been exposed to rain could result in electrical leakage and electrical shock. 	! Away from hot air sources. Cooling performance is reduced if the unit is placed near heat sources such as hot plates and stoves and if it is exposed to direct sunlight. 
! Leave disassembly and disposal of the unit to qualified experts. 	! Should the unit need temporary storage, make sure not to store the unit in a location where children play and take precautions so that the door cannot be completely closed. This will minimize the risk that a child becomes trapped inside the compartment.

⚠ WARNING

WELL VENTILATED PLACE Please make more than 10cm space between cooler and wall. If there are no space, cooling capacity can drop down. 	⚠ DANGER OF ELECTRICAL SHOCK If installation in a damp location is unavoidable, also install an electrical leakage circuit breaker. If no electrical leakage circuit breaker is installed, electrical shock could result. 
⊘ PROHIBITED Never hang from the door or climb onto the unit. The unit could tip over or fall and cause material damage or injury. 	⊘ DISCONNECT POWER CORD PLUG FROM WALL OUTLET Disconnect the power cord plug from the wall outlet before moving the unit and make sure that the power cord is not damaged during transport. A damaged power cord could result in electrical shock and/or fire. 
⚠ DON'T PINCH FINGERS Grasp the handle when closing the door. Holding at other positions could result in pinched fingers and injury. 	⊘ DON'T TOUCH Do not push hand against or apply excessive force to glass surfaces as the glass could break and cause injury. 
! When disconnecting the power cord plug from the wall outlet, hold at the plug main body close to the outlet. Pulling the cord could cause wire breakage, possible resulting in overheating and fire. 	! Make sure that the unit does not tip over or fall when it is moved. A falling unit could cause serious injury. 
⊘ PROHIBITED Do not throw items onto the shelves and do not place items totaling more than 30kg on each shelf. The shelf could fall down, possibly cause injury. 	! Be sure attach and secure shelves correctly. An improperly attached shelf could fall down and cause injury. 

HOW TO USE

BEFORE USE

- Remove shipping package, tape, etc and leave doors open ventilation for a while.
- The unit is cleaned before shipment. However, clean the compartment interior once after delivery.
- Please insert power supply plug into the wall outlet, single-phase to cat voltage.
- Allow the unit to operate for about 1 hour to cool the compartment before placing items in the cooler.

WAIT 5 MINUTES OR MORE BEFORE RE-STARTING

- Restarting the unit immediately after it has been turned off may cause fuses to blow and activate the circuit-breaker, the compressor may be overloaded, and/or other damage may occur.

TEMPERATURE ADJUSTMENT

- For showcase cooler, the interior temperature during fully loaded at factory default setting will be kept at suitable temperature. If the ambient temperature is extremely high or the stuffing food inside is too much, that might cause the interior temperature a little bit higher. So it would be better to lower the setting temperature of the controller. On the opposite, if the ambient temperature is very low or empty loaded, or in less food storage, the interior temperature might be able to reach unsuitable temperature, and in return to cause the evaporator ice up. Thus, it would be better to higher the setting temperature of the controller.

DRAIN TRAY

- Defrosting is performed automatically and drain water is collected in the drain tray.
- Water in the drain tray is evaporated automatically. In humidity, large amount of water in the drain tray, so please throw away drain water once a day.

EFFICIENT USE

- Please follow the below instruction, you could save energy.
- To prevent cold air from escaping, open and close the door quickly and keep the door opened for as short a time as possible.
 - Please install the unit in the place which is well-ventilated.

SHELF HEIGHT ADJUSTMENT

The shelf height can be adjusted
Arrange the shelves in accordance with the dimensions of the items to be placed in the cooler.

DISPOSAL OF WASTE FOAM

The waste flammable insulation foam should be sent to the place designated by specialized personnel.

PLACING ITEMS IN THE SHOWCSE

This showcase employs a forced circulation of cold air system. If circulation of cold air is obstructed, the items will not be adequately refrigerated. Pay attention to the following points:

- Do not let items obstruct the cold air inlet and suction outlet.
- Place items so that they do not protrude from the shelves. The gap between the shelves and the door is used for circulation of cold air.
- Place items evenly on all shelves.
- Please do not display goods on the bottom. Please put goods on the shelf.

CLEANING

⚠ WARNING

To prevent any electrical shock hazards or injury by rotating circulation fan, always disconnect the power cord plug from the wall outlet before cleaning.

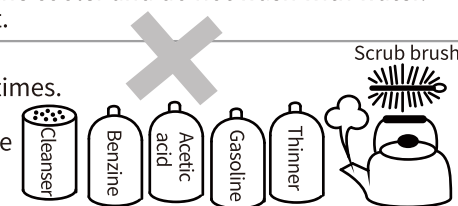
EXTERIOR AND COOLER COMPARTMENT

- Wipe with a soft, dry cloth. If very soiled, wipe with a cloth that has been moistened with a detergent. Then wipe with a cloth that has been dipped in water.

⚠ WARNING

WARNING: Do not splash water directly onto the cooler and do not wash with water. Short-circuit and electrical shock could result.

- Clean the cooler regularly to keep it clean at times.
- Never use polishing powder, soap powder, benzene, Oil or hot water as these will damage the painting and Plastic components.



CHECKS

To ensure the safety, perform the following checks after cleaning.

- Is the power cord plug firmly inserted into a dedicated wall outlet? Confirm that the plug is not abnormally hot.
- Check the power cord for cracks and damage. Should the slightest irregularity be observed, contact the dealer from whom you purchased this unit or our customer's service.



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.



Warning sign ISO 7010-W021(2011-05) Waring: Risk of fire/flammable materials.
-32°C±2C on appliances of test room climatic class 0, 1, 2, 3, 4, 6 or 8;
-43°C±2°C on appliances of test room climatic class 5 or 7.

In case the unit shows operating problems,
check the following prior to calling the authorized service company:

SYMPTOMS	POSSIBLE CAUSE	SOLUTION
The unit is not operating	Faulty electrical contact	Verify electrical connections
	Poor electrical power	Check the power connection and electrical outlet
	Thermostat setting "0"	Change the thermostat setting to a higher number
Not reaching desired temperature	Unit is exposed to direct sun light	Relocate the unit to a shaded area
	Thermostat is not properly adjusted	Adjust the thermostat setting to a higher number
	Clogger condenser	Review Maintenance instructions listed in the manual
	Blocked grills	Clean the grills of any debris collected
	Door not properly closed	Check the leveling of the unit and door seal
	Products poorly distributed or excess product load	Redistribute the product load according Start instructions
Abnormal noises(This appliance emission should pressure level is below 50 dB)	For Models with electronic temperature controller, indicates E0 or E1	Unplug the unit from the outlet. If the error continues, contact an authorized service technician
	The unit is not properly level	Level the unit following the Installation instructions
	Friction with other objects	Move the unit and avoid contact with other objects
Water on the floor	Drain hose is outside of the drain pan	Locate the hose in the drain pan

WARRANTY & SERVICE

- Warranty is valid for one year from the date of purchase. The warranty covers defective parts and workmanship. The following items are not covered under warranty:
 1. Loss of products.
 2. Damages caused by transportation.
 3. Damages caused by modifications made by unauthorized individuals.
 4. Fluorescent lights, glass parts or plastic component parts.
 5. Worn out plugs or defective electrical components.
 6. Maintenance of the unit.
- Warranty is valid showing the purchase receipt.
- We offer a professional service network which offers the necessary technical support for your unit.

- WARNING: Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- WARNING: Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- WARNING: Do not damage the refrigerant circuit.
- WARNING: Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- WARNING: This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of

experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

-WARNING: Children shall not play with the appliance.

-WARNING: Cleaning and user maintenance shall not be made by children without supervision.

-WARNING: If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

WARNING: LED light is not allowed to operate by oneself, but by professional maintenance personnel.

TEMPERATURE CONTROLLER USER MANUAL

1. Operation and display panel



- In temperature measuring and controlling mode, pressing and holding the key "  " for three seconds will toggle between refrigeration, defrost/defrost delay, and defrost dripping modes.

- During the parameter setting process, after pressing the "  " key, you can adjust the parameter by pressing any key within 30 seconds. After 30 seconds, the system will automatically save the current parameter value and exit the parameter setting mode. If you need to modify the set value again, you need to press the "  " to set it again.

- In temperature measuring and controlling mode, press and hold the Set key for three seconds to enter the user menu, where the code "Set" will be displayed. Press the Set key again to view the current value of "Set" which can be adjusted using the ▲ (increase) and ▼ (decrease) keys.

2.Indicator light status description

Indicator light	Symbol	Status	Meaning
Setting	Set	ON	Parameter setting
		OFF	Status of temperature measuring and controlling
Refrigeration		ON	Refrigeration work
		OFF	Refrigeration stop
		FLASH	Refrigeration time delay
Defrost		ON	Defrost work
		OFF	Defrost stop
Fan		ON	Fan work
		OFF	Fan stop
Defrost dripping	drip	ON	Start defrost dripping
		OFF	Stop defrost dripping
Door switch		ON	Cabinet door open
		OFF	Cabinet door close
Off power detection		ON	Controller power off

3. Keys Function

3.1 Keys description

Keys	Function
Set	Enter the status of parameter setting;
	Switch between menu and parameter;
	Adjust menu and parameters;
	Open/close light(only valid for the model with light control)
	View condenser sensor temperature
	Adjust menu and parameters;
	Press more than 10s to execute parameter one-key recovery
	View evaporator sensor temperature
	Exit from parameter setting;
	Exit from one key recovery status
	Press 3s to forced switch between refrigeration, defrost/defrost delay, defrost dripping

3.2 Alarm code & Alarm reason

- E1:Cabinet temperature sensor failure.
- rH:Cabinet high temperature alarm.
- rL:Cabinet low temperature alarm.

SAFETY WARNINGS

- 1.This appliance is not intended for use by persons (including children) with reduced physical,sensory or mental capabilities,or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- 2.Children should be supervised to ensure that they do not play with the appliance.
- 3.If the SUPPLY CORD is damaged,it must be replaced by the manufacturer,its service agent or similarly qualified persons in order to avoid a hazard.
- 4.Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- 5.The component parts shall be replaced with like components so as to minimize the risk of possible ignition due to incorrect parts.
- 6.The appliance is to be installed in accordance with the Safety Standard for Refrigeration Systems,ANSI/ASHRAE 15.

7.  A3
(R290)

The symbol means warning;Risk of fire /flammable materials

WARNING: Keep clear of obstruction all ventilation openings in the appliance enclosure or in the structure for building-in.

WARNING: Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

WARNING: Do not damage the refrigerating circuit.(Note: This warning is only applicable for appliances with refrigerating circuits which are accessible by the user.)

WARNING: Do not use electrical appliances inside the food/ice storage compartments unless they are of the type recommended by the manufacturer.

The climatic class of appliance is 0 to 8, the meaning of the class 0 to 8 shown below:

Test room climate class	Dry bulb temperature °C	Relative humidity %	Dew point °C	Water vapour mass in dry air g/kg
0	20	50	9,3	7,3
1	16	80	12,6	9,1
8	24	55	14,4	10,2
2	22	65	15,2	10,8
3	25	60	16,7	12,0
4	30	55	20,0	14,8
6	27	70	21,1	15,8
5	40	40	23,9	18,8
7	35	75	30,0	27,3



WARNING

Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.

The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).

Do not pierce or burn.

Be aware that refrigerants may not contain an odour.

MISE EN GARDE

Ne pas utiliser de moyens autres que ceux recommandés par le fabricant pour accélérer le processus de dégivrage ou pour nettoyer l'appareil.

L'appareil doit être entreposé dans un local ne contenant pas de sources d'inflammation permanentes (flammes nues, appareil à gaz ou dispositif de chauffage électrique en fonctionnement, par exemple).

Ne pas percer ou brûler.

Attention, les fluides frigorigènes peuvent ne pas dégager d'odeur.

Qualification of workers

Every working procedure that affects safety means shall only be carried out by competent persons.

Examples for such working procedures are:

- a) breaking into the refrigerating circuit;
- b) opening of sealed components;
- c) opening of ventilated enclosures.

1. Servicing

1) Checks to the area

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, item 2) to 6) shall be completed prior to conducting work on the system.

2) Work procedure

Work shall be undertaken under a controlled procedure so as to minimise the risk of a flammable gas or vapour being present while the work is being performed.

3) General work area

All maintenance staff and others working in the local area shall be instructed on the nature of work being carried out. Work in confined spaces shall be avoided.

4) 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 toxic or flammable atmospheres. Ensure that the leak detection equipment being used is suitable for use with all applicable refrigerants, i.e., nonsparking, adequately sealed, or intrinsically safe.

5) Presence of fire extinguisher

If any hot work is to be conducted on the refrigerating equipment or any associated parts, appropriate fire extinguishing equipment shall be available on hand. A dry chemical or CO₂ fire extinguisher should be adjacent to the charging area.

6) No ignition sources

No person carrying out work in relation to a REFRIGERATING SYSTEM which involves

exposing any pipe work shall use any sources of ignition in such a manner that it may lead to the risk of fire or explosion. All possible ignition sources, including cigarette smoking, should be kept sufficiently far away from the site of installation, repairing, removing and disposal, during which refrigerant can possibly be released to the surrounding space. Prior to work taking place, the area around the equipment shall be surveyed to make sure that there are no flammable hazards or ignition risks. "No Smoking" signs shall be displayed.

7) 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.

8) Checks to the refrigerating 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.

9) The following checks shall be applied to installations using FLAMMABLE REFRIGERANTS:

- a) the actual REFRIGERANT CHARGE is in accordance with the room size within which the refrigerant containing parts are installed;
- b) the ventilation machinery and outlets are operating adequately and are not obstructed;
- c) if an indirect refrigerating circuit is being used, the secondary circuit shall be checked for the presence of refrigerant;
- d) marking to the equipment continues to be visible and legible. Markings and signs that are illegible shall be corrected;
- e) refrigerating 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 suitably protected against being so corroded.

10) Checks to electrical devices

Repair and maintenance to electrical components shall include initial safety checks and component inspection procedures. 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. This shall be reported to the owner of the equipment, so all parties are advised.

Initial safety checks shall include:

- a) that capacitors are discharged: this shall be done in a safe manner to avoid possibility of sparking;
- b) that no live electrical components and wiring are exposed while charging, recovering or purging the system;
- c) that is continuity of earth bonding.

2. 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.

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 the apparatus is mounted securely.
Ensure that seals or sealing materials have not degraded to the point 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.

3. Repair to intrinsically safe components

that this will not exceed the permissible voltage and current permitted for the equipment in use.

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. Other parts can result in the ignition of refrigerant in the atmosphere from a leak.

4. Cabling

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.

5. Detection of flammable refrigerants

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

The following leak detection methods are deemed acceptable for all refrigerant systems. Electronic leak detectors may be used to detect refrigerant leaks but, in the case of FLAMMABLE REFRIGERANTS, the sensitivity might not be adequate, or might need recalibration. (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. 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 also suitable for use with most refrigerants but the use of detergents containing chlorine shall be avoided as the chlorine can react with the refrigerant and corrode the copper pipe-work.

NOTE Examples of leak detection fluids are

- bubble method,
- fluorescent method agents.

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. Removal of refrigerant shall be according to instruction of removal and evacuation.

6. Removal and evacuation

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

- a) safely remove refrigerant following local and national regulations;
- b) purge the circuit with inert gas;
- c) evacuate (optional for A2L);
- d) purge with inert gas (optional for A2L);
- e) open the circuit by cutting or brazing.

The refrigerant charge shall be recovered into the correct recovery cylinders if venting is not allowed by local and national codes. For appliances containing flammable refrigerants, the system shall be purged with oxygen-free nitrogen to render the appliance safe for flammable refrigerants. This process might need to be repeated several times.
Compressed air or oxygen shall not be used for purging refrigerant systems.

For appliances containing flammable refrigerants, refrigerants purging shall be achieved by breaking the vacuum in the system with oxygen-free nitrogen and continuing to fill until the working pressure is achieved, then venting to atmosphere, and finally pulling down to a vacuum (optional for A2L). This process shall be repeated until no refrigerant is within the system (optional for A2L). When the final oxygen-free nitrogen charge is used, the system shall be vented down to atmospheric pressure to enable work to take place.
Ensure that the outlet for the vacuum pump is not close to any potential ignition sources and that ventilation is available.

7. Charging procedures

In addition to conventional charging procedures, the following requirements shall be Followed:

- a) Ensure that contamination of different refrigerants does not occur when using charging equipment. Hoses or lines shall be as short as possible to minimise the amount of refrigerant contained in them.
- b) Cylinders shall be kept in an appropriate position according to the instructions.
- c) Ensure that the REFRIGERATING SYSTEM is earthed prior to charging the system with refrigerant.
- d) Label the system when charging is complete (if not already).
- e) Extreme care shall be taken not to overfill the REFRIGERATING SYSTEM.
Prior to recharging the system, it shall be pressure-tested with the appropriate purging gas. 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.

8. Decommissioning

Before carrying out this procedure, it is essential that the technician is completely familiar with the equipment and all its detail. 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 recovered refrigerant. It is essential that electrical power is available before the task is commenced.

- a) Become familiar with the equipment and its operation.
- b) Isolate the system electrically.
- c) Before attempting the procedure, ensure that:
 - i) mechanical handling equipment is available, if required, for handling refrigerant cylinders;
 - ii) all personal protective equipment is available and being used correctly;
 - iii) the recovery process is supervised at all times by a competent person;
 - iv) 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.
- f) Make sure that cylinder is situated on the scales before recovery takes place.
- g) Start the recovery machine and operate in accordance with instructions.
- h) Do not overfill 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 REFRIGERATING SYSTEM unless it has been cleaned and checked.

9. Labelling

Equipment shall be labelled stating that it has been de-commissioned and emptied of refrigerant. The label shall be dated and signed. For appliances containing FLAMMABLE REFRIGERANTS, ensure that there are labels on the equipment stating the equipment contains FLAMMABLE REFRIGERANT.

10. Recovery

When removing refrigerant from a system, either for servicing or decommissioning, it is recommended good practice that all refrigerants are removed safely.

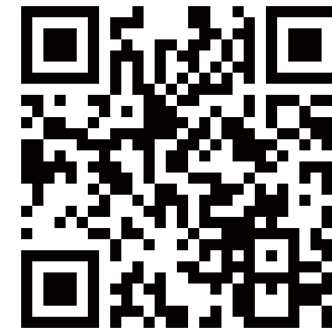
When transferring refrigerant into cylinders, ensure that only appropriate refrigerant recovery cylinders are employed. Ensure that the correct number of cylinders for holding the total system charge is available. All cylinders to be used are designated for the recovered refrigerant and labelled for 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.

Empty 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 all appropriate refrigerants including, when applicable, FLAMMABLE REFRIGERANTS. 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.

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