



Installation Manual

Medium temperature application

JEHCCU0050M1
JEHCCU0088M1
JEHCCU0150M1
JEHCCU0150M3
JEHCCU0225M1
JEHCCU0225M3
JEHCCU0300M1
JEHCCU0300M3
JEHCCU0400M3
JEHCCU0500M3
JEHCCU0600M3
JEHCCU0675M3
JEHCCU0825M3
JEHCCU1000M3

Low temperature application

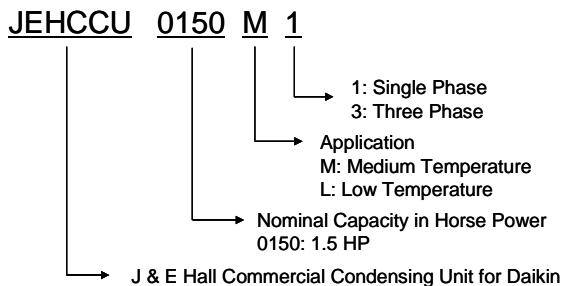
JEHCCU0075L1
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JEHCCU0225L1
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JEHCCU0350L3
JEHCCU0400L3
JEHCCU0725L3
JEHCCU0825L3



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1. Nomenclature



2. Safety and Health

Important Note

Only a qualified refrigeration engineer who is familiar with refrigeration systems and components, including all controls should perform the installation and start-up of the system. To avoid potential injury, use care when working around coil surfaces or sharp edges of metal cabinets. All piping and electrical wiring should be installed in accordance with all applicable codes, ordinances and local by-laws.

General Information

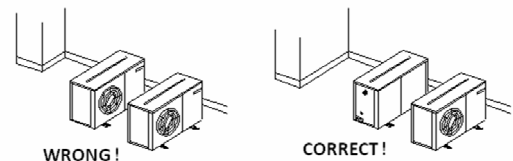
- Ensure the unit received is the correct model for the intended application.
- Ensure refrigerant, voltage, are suitable for the proposed application and environment.
- Installation and maintenance are to be performed only by qualified personnel who are familiar with local codes and regulations, and experienced with this type of equipment.
- The condensing unit is delivered with a nitrogen holding charge.
- The condensing unit contains moving machinery and electrical power hazards. May cause severe injury or death. Disconnect and shut off power before installation or service of the equipment.
- Refrigerant release into the atmosphere is illegal. Proper evacuation, handling and leak testing procedures must be observed at all times.
- Units must be earthed and no maintenance work should be attempted prior to disconnecting the electrical supply.

- The electrical covers and condenser fan guard must remain fitted at all times.
- Use of the condensing unit outside of design conditions and application for which units were intended may be unsafe and be detrimental to the unit, regardless short or long term operation.
- The condensing units are not designed to withstand loads or stresses from other equipment or personnel. Such extraneous loads or stress may cause failure/leak/injury.
- In some circumstances, a suction accumulator (not supplied) component may be required, it offers protection against refrigerant flood back during operation. It helps protect against off-cycle migration by adding internal free volume to the low side of the system.
- Test must be conducted to ensure the amount of off-cycle migration to the compressor does not exceed the compressor's charge limit.
- Wherever possible the system should be installed to utilize a pump down configuration.
- After installation, the system should be allowed to run for 3 – 4 hours. The oil level should be checked after 3 – 4 hours run time and topped up as necessary. The oil level should be visible at least ½ - ¾ up the compressor oil sight glass. For the details of the oil requirements, please refer to page 4 in the installation & commissioning section and page 4 in the service and maintenance section.

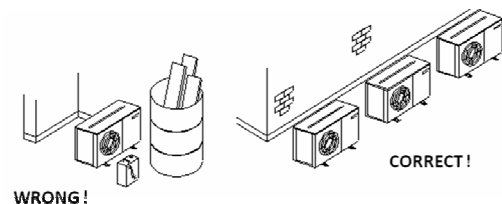
3. Installation & Commissioning

Unit site location

- In order to achieve maximum cooling capacity, the installation location for condensing unit should be carefully selected.
- Install the condensing unit in such a way so that hot air distributed by the condensing unit cannot be drawn in again (as in the case of short circuit of hot discharge air). Allow sufficient space for maintenance around the unit.



- Ensure that there is no obstruction of air flow into or out of the unit. Remove obstacles which block air intake or discharge.

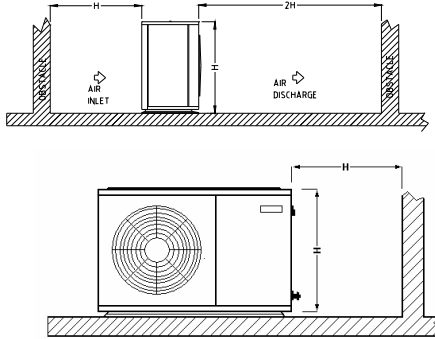


- The location must be well ventilated, so the unit can draw in and distribute plenty of air thus lowering the condensing temperature.

- To optimize the unit running conditions, the condenser coil must be cleaned at regular intervals.

Installation Clearance

- The installation location should allow sufficient space for air flow and maintenance around the unit.



Field Piping

Important Note

Line sizing should only be determined by qualified personnel. All local codes of practice must be observed in the installation of refrigerant piping

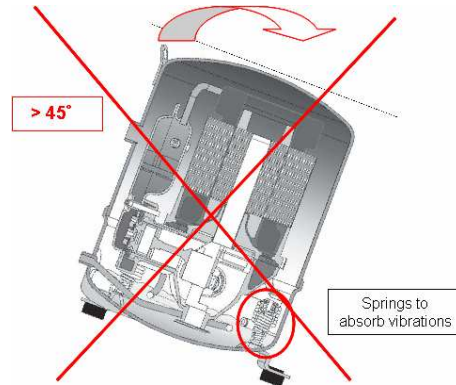
To ensure satisfactory operation and performance, the following points should be noted for field piping arrangements,

- Pipework routes must be as simple and as short as possible.
- Avoid low points on pipework where oil can accumulate.
- Suction gas velocity must be sufficient to ensure good oil return.
- Use only clean, dehydrated refrigeration grade copper tube with large radius elbows.
- Braze without over filling to ensure there is no excess solder into the tube.
- To prevent oxidation, blow nitrogen through pipework when brazing.
- Install insulation on all suction lines.
- Adequately support all pipe work at a maximum of 2 meter intervals.
- In vertical pipework, the use of U-trap and double suction risers is often required. These suction risers must always be fitted with a U-trap at the bottom and a P-trap at the top and never be higher than 4 meter unless a second U-trap system is fitted.
- Recommend piping length less than 25m

Correct line sizing will minimize the pressure drop and maintain sufficient gas velocity for proper oil return.

Compressor handling

To ensure compressor reliability, the condensing unit and the compressor must not be tilt greater than an angle of 45°. Otherwise, the compressor can fall from its 3 compressor housing prings, which results in noisy vibrations during operation.



Leak detection

- Make sure that all manual valves are open
- Perform a leak test of the system using nitrogen mixed with the refrigerant to be used
- Do not use CFC for leak testing the condensing unit which will be used with HFC refrigerants
- The use of leak testing fluids is not recommended as this may interact with the lubricants own additives

Pressure testing

- When running a pressure test, always use an inert, dry gas such as Nitrogen
- The pressure differential between the high and low side should not exceed 24 bar (350 psig)
- Maximum test pressures are :
 - 25 bar (370 psig) on the Low Side
 - 30 bar (480 psig) on the High Side

Safety pressure switch settings

The Danfoss KP17 HP/LP pressure switch fitted to condensing units with auto reset for low pressure and manual reset for high pressure is **NOT** factory preset. Be sure that the high pressure setting does not exceed the receiver's maximum service pressure.

High pressure safety

The high pressure safety switch is required to stop the compressor should the discharge pressure exceed the values shown in the following table. The high pressure switch can be set to lower values depending on the application and the ambient conditions

Refrigerant	R404A	R134a
Cut Out (bar g)	28	22.6
Cut Out (psig)	405	325

Low pressure safety

The low pressure safety switch protects the compressor against deep vacuum operation, a potential cause of failure due to internal arching.

The low pressure safety cut should never be set below 0.1 bar (2 psig) as shown in the following table. For systems without pump-down the LP switch signal contact shall be used to energize a low pressure safety alarm

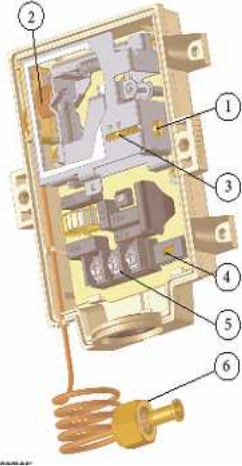
Refrigerant	R404A	R134a
Cut Out (bar g)	0.1	0.4
Cut In (bar g)	1.2	1.2

Important Note
 There must be no more than 12 compressor starts per hour. A higher number reduces the service life of the compressor. If necessary, use an anti-short-cycle timer in the control circuit. A three minutes time out is required.

Fan speed controller*

The fan speed controller controls the speed of the condenser.

It keeps the condensing pressure at a steady level by changing the speed of the fan according to the required condensing pressure.



- 1) Adjusting screw
- 2) Bellows
- 3) Range setting pointer (dual marking 11 and 19 bar)
- 4) Change over switch
- 5) Terminal board
- 6) ¼" flare with depression pin (7/16-20 UF)

Setting point can be increased by turning the adjusting screw clockwise. Setting point can be decreased by turning the adjusting screw counter clockwise. Adjustment should be within the range indicated for the setting pointer.

With the *Change over switch* you can choose between two settings:

Cut off: Fan motor stops when the pressure decreases below the value Pmin.

Min. speed: Fan motor operates at the Minimum Speed when the pressure decreases below the value Pmin.

F.V.S. = Full Voltage Set Point (pressure setting for maximum speed)

E.P.B. = Effective Proportional Band

$P_{min} = (F.V.S. - E.P.B.)$

* Except JEHCCU0050M1 / JEHCCU0088M1 / JEHCCU0075L1

Vacuum - moisture removal

Important Note
 Warning! – Disconnect the mains electrical supply before servicing or opening the unit

Important Note
 Moisture prevents proper functioning of the compressor and the refrigeration system

Air and moisture reduce service life and increase condensing pressure causing abnormally high discharge temperatures likely to destroy the oil's lubricating properties. The risk of acid formation is also increased by air and moisture and copper plating can be generated in this way. All these phenomena can be cause mechanical and electrical failure.

Important Note
 Ensure that a good quality vacuum pump is used to pull a minimum vacuum of 250 microns (0.33 mbar)

Oil requirements

The polyolester with the following characteristics must be used:

Characteristics of the oil		
Property	Specification	Test method
Viscosity at 40°C	31 – 33 cSt	ASTM D 445
Viscosity at 100°C	5,6 cSt	ASTM D 445
Density at 15,6 °C	0,97 g/ml	ASTM D 4052
Colour	100	ASTM D 1209
Pour point	-45°C (max)	ASTM D 97
Flash point	217°C	ASTM D 93
Dielectric strength at 25°C	47 kV (min)	ASTM D 1816
Acid value (Tan)	0,15 mg KOH/g (max)	ASTM D 974

The initial oil charge is 600 cm³

Example: polyolester (POE) oil type 160PZ from Danfoss.

Commissioning of the Condensing Unit

Please make sure that all manual service valves are fully open when starting the system for the first time. This includes external shut off valves as well as liquid receiver valve in the unit.

4. Checklist

- Ensure crankcase heater is energized minimum 12 hours prior to start up and permanently energized.
- Check all electrical connections.
- Check all electrical termination and circuits are correct.
- Check compressor oil level.
- Ensure the high low pressure controls are configured properly.
- Ensure fan motor and fan blades are installed properly.
- Observed the system pressures during the charging and initial operation process.
- Continue to charge the system until sight glass is clear. Make sure that high pressure is > 12bar when doing this charge adjustment operation.
- Check the compressor's discharge and suction pressure, ensure it's within operating range.
- Check condenser fan, ensure warm air blowing off the condenser coil.

- Check evaporator blower, ensure it's discharging cool air.
- Check evaporator superheat and adjust expansion valve if necessary

5. Service and Maintenance

The condensing units are designed to give long life operation with minimum maintenance. However, they should be routinely checked and the following service schedule is recommended under normal circumstances:

The removal of the top, side and front panels ensures that all parts are accessible.

1. Compressor – Inspect at regular intervals
 - Check for refrigerant leaks on all joints and fittings.
 - Ensure that no abnormal noise or vibration is detected during test run.
 - Check the compressor oil levels and top up if required. The oil level should be ½ to ¾ way up the sight glass.
2. Condenser Fan Motor & Blade – Clean and inspect at regular intervals
 - Check for abnormal noise, vibration and fan imbalance.
 - Ensure that the fan motor is clean and spins freely.
 - Check that the condenser fan blade is clean and free from restriction.
 - Note: The Fan Motor is pre-lubricated and factory sealed so no maintenance is necessary.
3. Condenser Coil – Clean and inspect at regular intervals
 - Check and remove the dirt and debris between the fins using a suitable chemical coil cleaner.
 - Check and remove any obstacles which may hinder the airflow through the condenser coil.
4. Power Supply – Inspect at regular intervals
 - Check the running current and voltage for the condensing unit.

- Check the electrical wiring and tighten the wires onto the terminal blocks if necessary.

Under normal circumstances:

- Clean condenser coil every three months
- Carry out leak test every month
- Examine electrical cables and enclosures each year
- Check and verify operation of all safety devices every three months, ensure crankcase heater is operational
- Check sight glass and operating conditions
- Check security of compressor mountings and the bolts that hold down the unit each year

6. Trouble Shooting

This troubleshooting guide describes some common condensing units failure. Consult qualified personnel before any corrective actions are taken.

Failure	Possible Causes
Fan does not work	<ul style="list-style-type: none"> • Improper wiring • Fan motor faulty
Compressor does not start	<ul style="list-style-type: none"> • Improper wiring • Defective contactor or coil • System stopped because of tripped of safety device. • Defective start/run capacitor • Compressor faulty
Insufficient cooling	<ul style="list-style-type: none"> • Low refrigerant charge • Condenser coil dirty • Obstacle blocking air inlet/outlet • Improper thermostat setting

7. Specifications

Model	Series	compressor			Electrical Data				Condenser	Receiver	Connection		Dimensions			Weight	Sound pressure	
		Type	Swept volume m³/h	Oil*** Charge (dm³)	Power Input	Nominal Current (A)	Starting Current (A)	MFA* (A)	Airflow (m³/h)	Volume (Litre)	Suction (inch)	Liquid (inch)	Width (mm)	Depth (mm)	Height (mm)	(kg)	dB(A) at 10m**	
Medium temperature application	JEHCCU0050M1	1	SC10MLX	1.79	0,6	230V/1~/50Hz	3,7	21,9	3	1.906	1,2	3/8	1/4	865	345	485	46	29
	JEHCCU0088M1	1	SC18MLX	3.08	0,6	230V/1~/50Hz	4,4	26,4	3	1.906	1,2	3/8	1/4	865	345	458	46	29
	JEHCCU0150M1	2	MTZ18-5VM	5.26	0,95	230V/1~/50Hz	6,6	39,7	15	3.040	4,2	1/2	3/8	1.109	478	649	82	37
	JEHCCU0150M3	2	MTZ18-4VM	5.26	0,95	400V/3~/50Hz	2,7	16,2	15	3.040	4,2	1/2	3/8	1.109	478	649	82	37
	JEHCCU0225M1	2	MTZ28-5VM	8.29	0,95	230V/1~/50Hz	10,9	65,5	25	2.620	4,2	1/2	3/8	1.109	478	649	89	36
	JEHCCU0225M3	2	MTZ28-4VM	8.29	0,95	400V/3~/50Hz	4,0	23,9	15	2.620	4,2	1/2	3/8	1.109	478	649	89	36
	JEHCCU0300M1	2	MTZ36-5VM	10,6	0,95	230V/1~/50Hz	15,0	89,9	30	2.620	4,2	5/8	3/8	1.109	478	649	89	37
	JEHCCU0300M3	2	MTZ36-4VM	10,6	0,95	400V/3~/50Hz	4,9	29,1	15	2.620	4,2	5/8	3/8	1.109	478	649	89	37
	JEHCCU0400M3	3	MTZ50-4VM	12	1,8	400V/3~/50Hz	6,4	38,6	15	6.130	7,1	7/8	1/2	1.334	530	883	120	37
	JEHCCU0500M3	3	MTZ64-4VM	18,6	1,8	400V/3~/50Hz	8,2	49,0	20	6.130	7,1	7/8	1/2	1.334	530	883	120	40
	JEHCCU0600M3	3	MTZ72-4VM	21,04	1,8	400V/3~/50Hz	8,5	50,9	20	5.160	7,1	7/8	1/2	1.334	530	883	126	40
	JEHCCU0675M3	3	MTZ81-4VM	23,63	1,8	400V/3~/50Hz	10,0	60,1	25	5.160	7,1	1 1/8	1/2	1.334	530	883	126	42
Low temperature application	JEHCCU0825M3	4	MTZ100-4VM	29,8	3,9	400V/3~/50Hz	12,0	72,0	30	10.830	14	1 1/8	1/2	1.244	510	1.431	204	42
	JEHCCU1000M3	4	MTZ125-4VM	37,5	3,9	400V/3~/50Hz	13,5	81,0	35	10.830	14	1 1/8	1/2	1.244	510	1.431	205	42
	JEHCCU0075L1	1	SC18CLX	3.08	0,6	230V/1~/50Hz	4,3	25,7	3	1.906	1,2	3/8	1/4	865	345	485	46	30
	JEHCCU0175L1	2	NTZ48-5VM	8,3	0,95	230V/1~/50Hz	4,4	26,5	15	3.040	4,2	5/8	3/8	1.109	478	649	86	35
	JEHCCU0175L3	2	NTZ48-4VM	8,3	0,95	400V/3~/50Hz	2,1	12,4	15	3.040	4,2	5/8	3/8	1.109	478	649	86	35
	JEHCCU0225L1	2	NTZ68-5VM	11,8	0,95	230V/1~/50Hz	9,2	55,1	20	2.620	4,2	5/8	3/8	1.109	478	649	92	38
	JEHCCU0225L3	2	NTZ68-4VM	11,8	0,95	400V/3~/50Hz	3,4	20,5	15	2.620	4,2	5/8	3/8	1.109	478	649	92	38
	JEHCCU0350L3	3	NTZ96-4VM	16,7	1,8	400V/3~/50Hz	3,3	19,6	15	6.130	7,1	7/8	1/2	1.334	530	883	125	38
JEHCCU0400L3	3	NTZ136-4VM	23,7	1,8	400V/3~/50Hz	6,1	36,5	15	6.130	7,1	1 1/8	1/2	1.334	530	883	125	38	
JEHCCU0725L3	4	NTZ215-4VM	37,4	3,9	400V/3~/50Hz	7,5	45,1	20	10.830	14	1 1/8	1/2	1.244	510	1.431	203	41	
JEHCCU0825L3	4	NTZ271-4VM	47,1	3,9	400V/3~/50Hz	9,7	58,1	25	10.830	14	1 1/8	1/2	1.244	510	1.431	203	40	

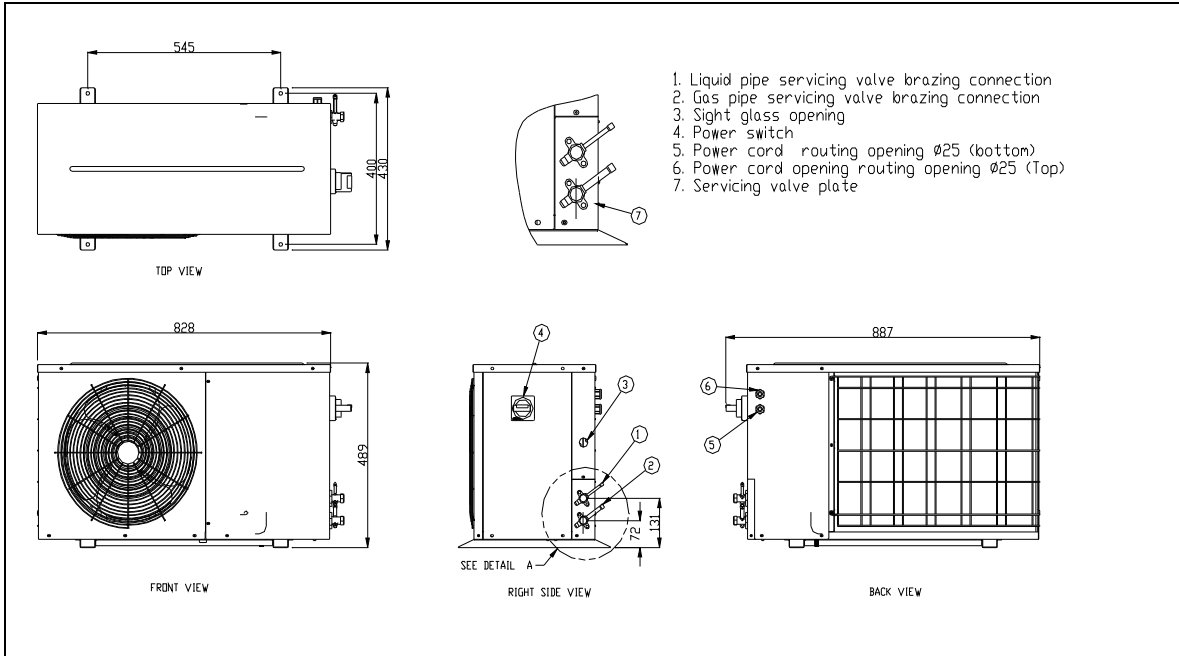
*MFA = Maximum Fuse Amps,

** Sound pressure level measured according ISO 3744

***Polyester Synthetic Oil

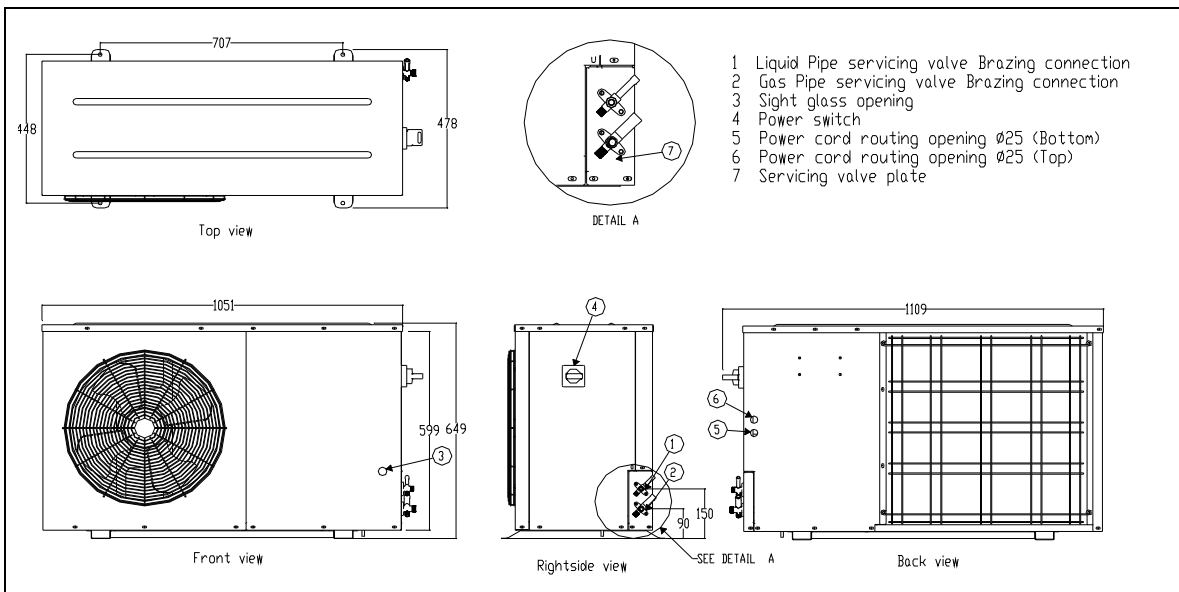
8. Outline Drawings

Serie 1 (230V/1~/50Hz): Medium temperature: JEHCCU0050M1, JEHCCU0088M1,
 Low temperature: JEHCCU0075L1

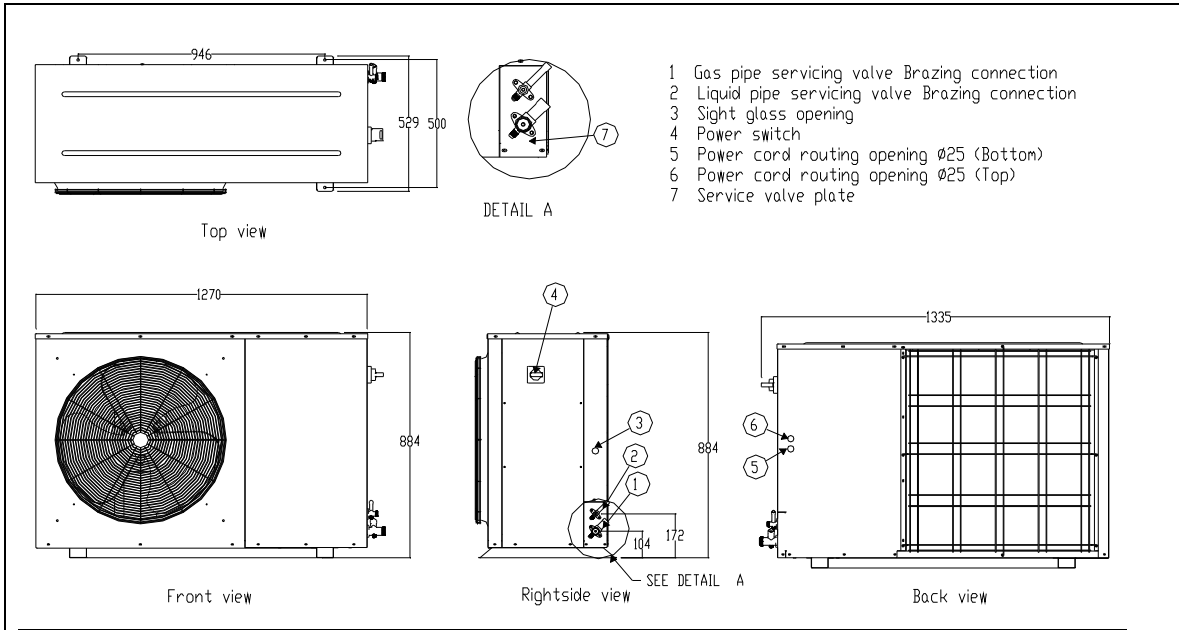


Serie 2 (230V/1~/50Hz): Medium temperature: JEHCCU0150M1, JEHCCU0225M1,
 JEHCCU0300M1
 Low temperature: JEHCCU0225L1, JEHCCU-0175L1

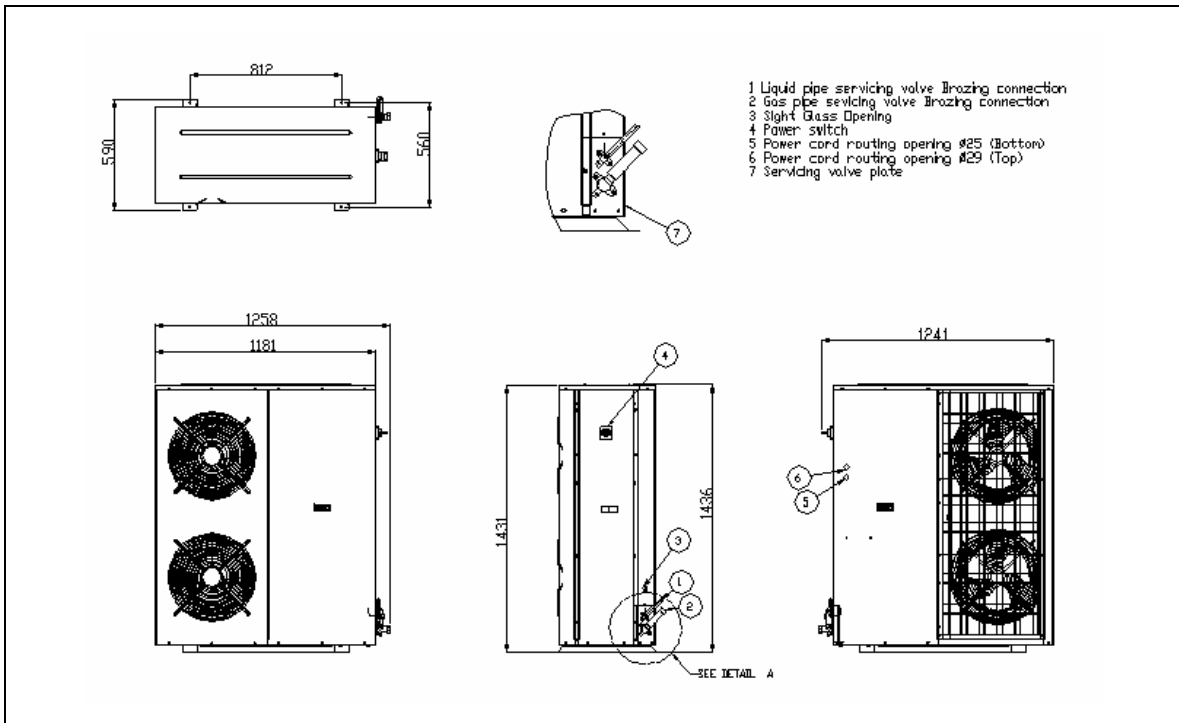
Serie 2 (400V/3~/50Hz): Medium temperature: JEHCCU0150M3, JEHCCU0225M3,
 JEHCCU0300M3
 Low temperature: JEHCCU0225L3, JEHCCU-0175L3



Serie 3 (400V/3~/50Hz): Medium temperature: JEHCCU0400M3, JEHCCU0500M3,
JEHCCU0600M3, JEHCCU0675M3
Low temperature: JEHCCU0350L3, JEHCCU0400L3



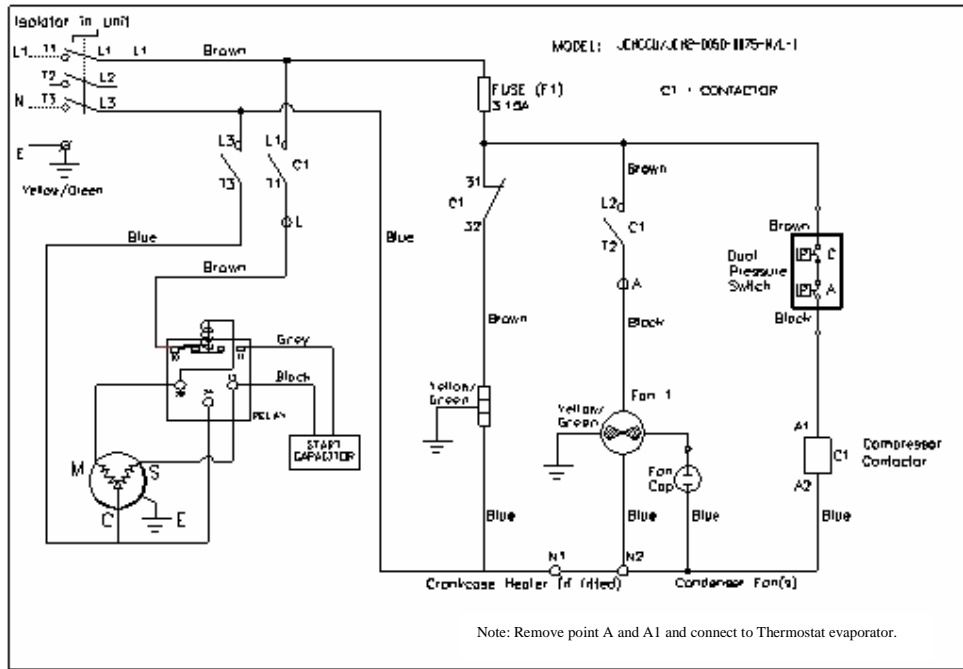
Serie 4 (400V/3~/50Hz): Medium temperature: JEHCCU0825M3, JEHCCU1000M3
Low temperature: JEHCCU0725L3, JEHCCU0825L3



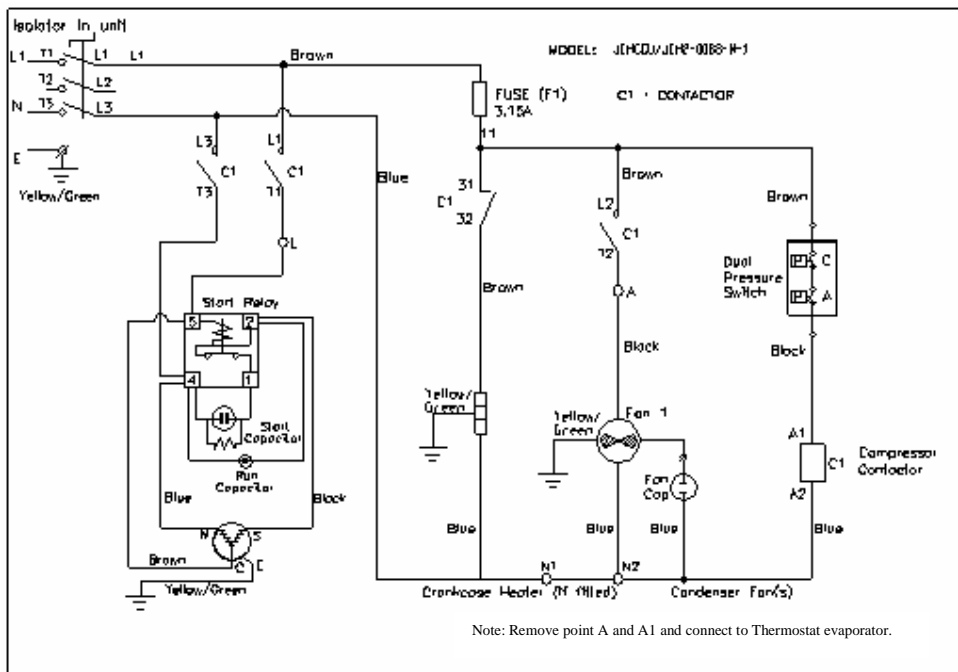
9. Electrical Data

Important Note: All wiring and connections to the condensing unit must be made in accordance to the local codes.

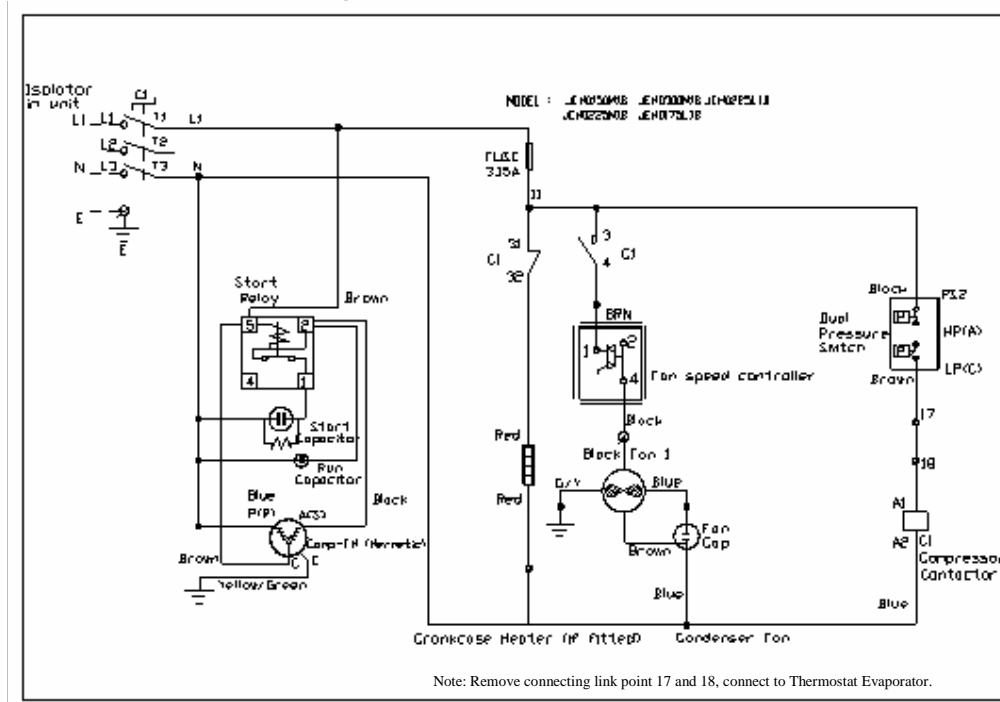
Series 1 (230V/1~/50Hz): Medium temperature: JEHCCU0050M1
Low Temperature: JEHCCU-0075L1



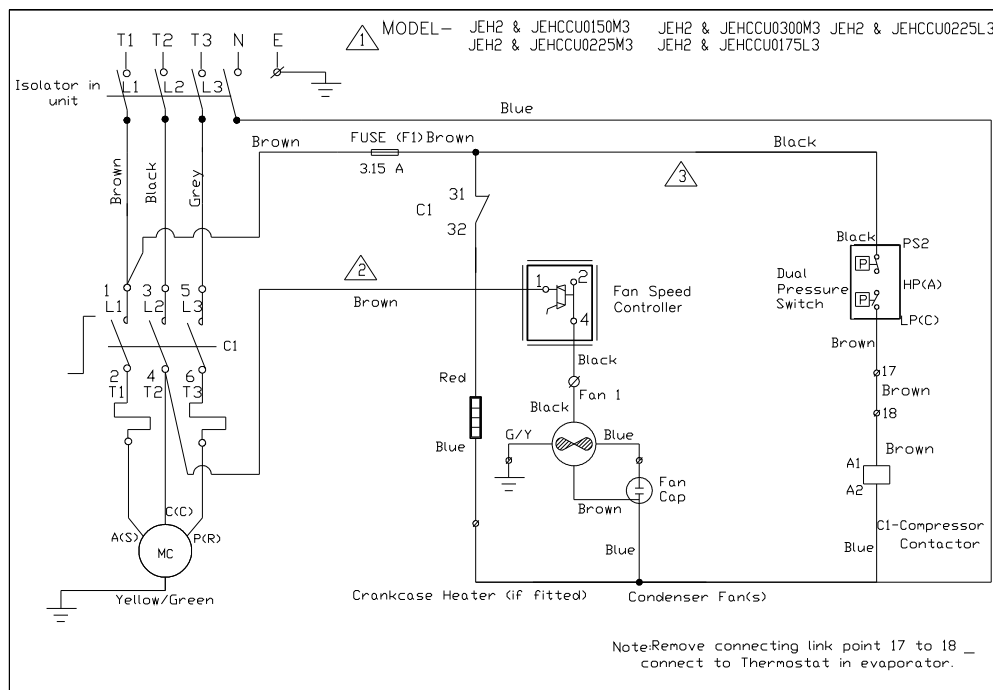
Series 1 (230V/1~/50Hz): Medium temperature: JEHCCU0088M1



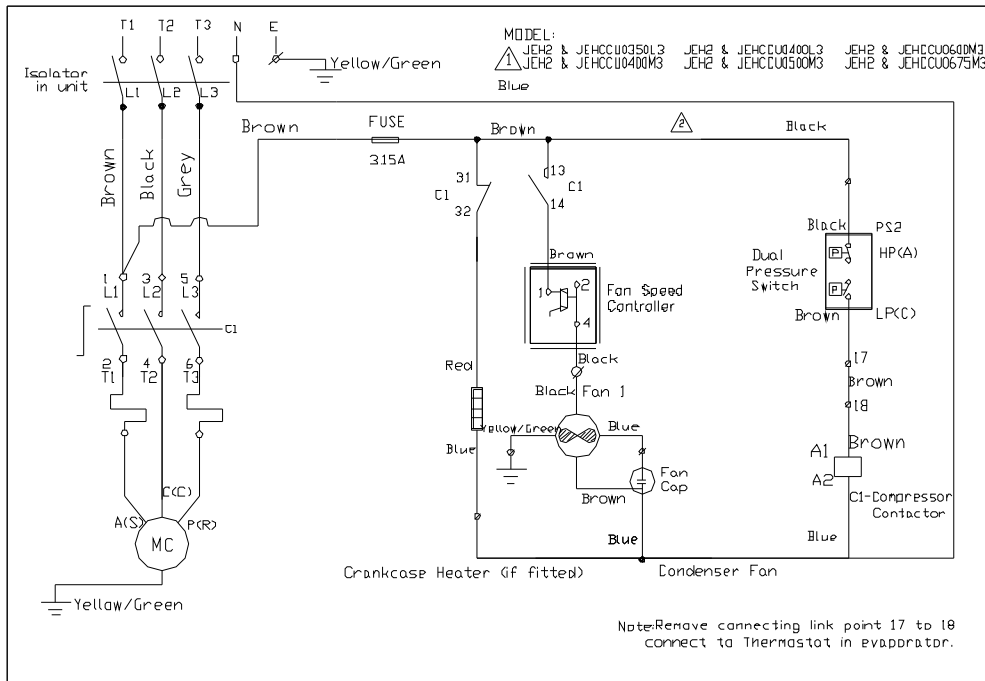
Serie 2 (230V/1~/50Hz): Medium temperature: JEHCCU0150M1, JEHCCU0225M1,
JEHCCU0300M1
Low Temperature: JEHCCU0175L1, JEHCCU-0225L1



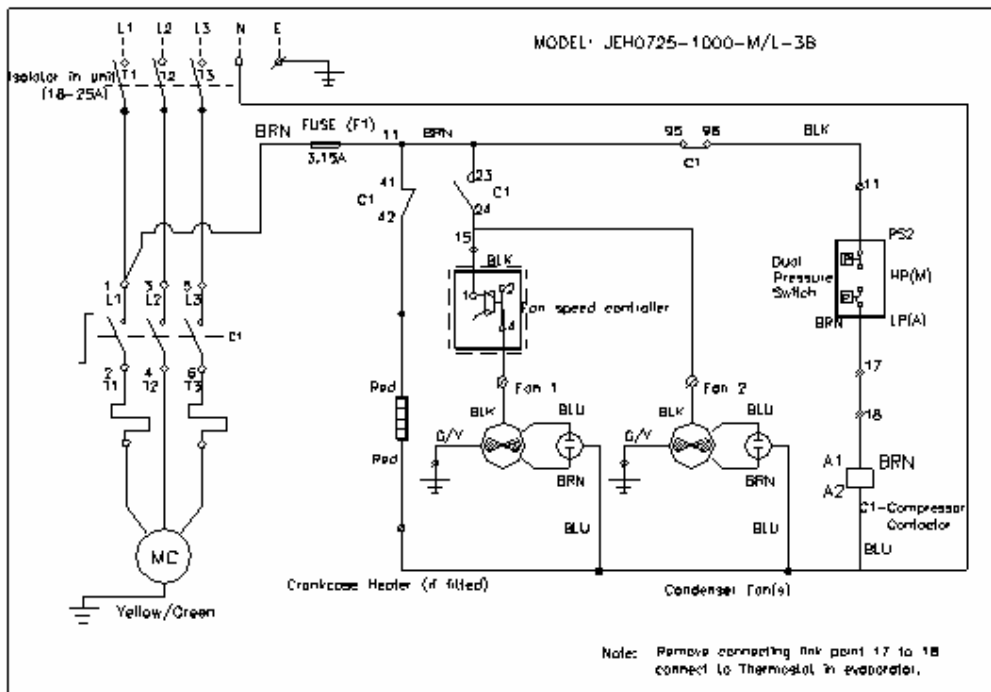
Serie 2 (400V/3~/50Hz): Medium temperature: JEHCCU0150M3, JEHCCU0225M3,
JEHCCU0300M3
Low Temperature: JEHCCU0225L3, JEHCCU-0175L3



Serie 3 (400V/3~/50Hz): Medium temperature: JEHCCU0400M3, JEHCCU0500M3, JEHCCU0600M3, JEHCCU0675M3
 Low Temperature: JEHCCU0350L3, JEHCCU0400L3



Serie 4 (400V/3~/50Hz): Medium temperature: JEHCCU0825M3, JEHCCU1000M3
 Low Temperature: JEHCCU0725L3, JEHCCU0825L3



10. Declaration of Conformity

	Declaration of Conformity Déclaration de Conformité Declaracion de Conformidad Dichiarazione di Conformità Konformitätsbescheinigung
We Nous Nosotros Noi Wir	J & E HALL REFRIGERATION SDN. BHD. LOT 10, JALAN PERUSAHAAN 8, KAWASAN PERUSAHAAN PEKAN BANTING, 42700 BANTING, SELANGOR DARUL EHSAN, MALAYSIA.
<p>declare under our sole responsibility that the products déclarons sous notre seule responsabilité que les produits declaramos sobre nuestra sola responsabilidad que los productos dichiariamo sotto nostra sola responsabilità che i prodotti bescheinigen auf unsere eigene Verantwortung, daB die Produkten</p>	
COMMERCIAL REFRIGERATION CONDENSING UNIT Unité de condensation commerciale de réfrigération Kommerzielle kondensierende Maeinheit der Abkühlung Unità condensate commerciale di refrigerazione Unided que condensa comercial de la refrigeración	
Model Designations: <i>Designation Modeles:</i> <i>Disgnaciones Modelo:</i> <i>Indicazioni de Modello:</i> <i>Baumuster-Bezeichnungen:</i>	JEH2-0050-M-1, JEH2-0075-L-1, JEH2-0088-M-1, JEHCCU-0050-M-1, JEHCCU-0075-L-1, JEHCCU-0088-M-1
<p>which this declaration relates is in conformity with the requirements of the following directives auxquels se réfèrent cette déclaration, sont conformes aux prescriptions des directives a los cuales se refieren esta declaración, son conformes a las prescripciones de las directivas alla quale si riferisce questa dichiarazione, sono conormi alle prescrizioni delle direttive auf diese Bescheinigung sich beziehen, sind den Vorschriften der Normen entsprechend</p>	
Electromagnetic Compatibility EMC Low Voltage Electrical Products	2004/108/EC 2006/95/EC
<p>The conformity was checked for EMC & LVD in accordance with the following harmonised EN standard: La conformité a été vérifiée pour EMC et LVD conformément aux normes EN-harmonisées: La conformidad se repasa para EMC y LVD de acuerdo con el siguiente EN-armonizadas: La conformità è stata controllata per EMC e LVD in conformità con il seguente standard armonizzato dell' EN: Die Konformität wurde auf EMC u. LVD in Übereinstimmung mit dem folgenden harmonisierten en-Standard überprüft:</p>	
EMC LVD	EN 61000-6-1(2001) EN 61000-6-3(2001) EN 60335-1 EN 60335-2-89
	EMC – Part 6-1: Immunity for residential, commercial and light-industrial environments EMC – Part 6-3: Emission standards for residential, commercial and light-industrial environments Safety of Household and Similar Electrical Appliances : Part I Safety of Household and Similar Electrical Appliances : Part II
J & E HALL REFRIGERATION SDN. BHD General Manager  Teh Yeow Chong <i>Issue Date: 15 APRIL 2009</i>	



Declaration of Conformity

Déclaration de Conformité
Declaracion de Conformidad
Dichiarazione di Conformità
Konformitätsbescheinigung

We **J & E HALL REFRIGERATION SDN. BHD.**
Nous
Nosotros **LOT 10, JALAN PERUSAHAAN 8, KAWASAN PERUSAHAAN PEKAN BANTING,**
Noi **42700 BANTING,**
Wir **SELANGOR DARUL EHSAN, MALAYSIA.**

declare under our sole responsibility that the products
déclarons sous notre seule responsabilité que les produits
declaramos sobre nuestra sola responsabilidad que los productos
dichiariamo sotto nostra sola responsabilità che i prodotti
bescheinigen auf unsere eigene Verantwortung, daB die Produkten

COMMERCIAL REFRIGERATION CONDENSING UNIT

Unité de condensation commerciale de réfrigération
Kommerzielle kondensierende Maeinheit der Abkühlung
Unità condensate commerciale di refrigerazione
Unidad que condensa comercial de la refrigeración

Model Designations: See Appendix 1 overleaf
Designation Modeles: Voir l'annexe 1 au verso
Disgnaciones Modelo: Vea el apendice 1 a la vuelta
Indicazioni de Modello: Veda overleaf l'appendice 1
Baumuster-Bezeichnungen: Sehen sie anhang 1 umseitig

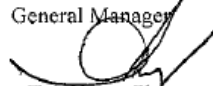
which this declaration relates is in conformity with the requirements of the following directives
auxquels se réfèrent cette déclaration, sont conformes aux prescriptions des directives
a los cuales se refieren esta declaracion, son conformes a las prescripciones de las directivas
alla quale si riferisce questa dichiarazione, sono conorni alle prescrizioni delle direttive
auf diese Bescheinigung sich beziehen, sind den Vorschriften der Normen entsprechend

Electromagnetic Compatibility EMC 2004/108/EC
Low Voltage Electrical Products 2006/95/EC

The conformity was checked for EMC & LVD in accordance with the following harmonised EN standard:
La conformité a été vérifiée pour EMC et LVD conformément aux normes EN-harmonisées:
La conformidad se repasa para EMC y LVD de acuerdo con el siguiente EN-armonizadas:
La conformità è stata controllata per EMC e LVD in conformità con il seguente standard armonizzato dell' EN:
Die Konformität wurde auf EMC u. LVD in Übereinstimmung mit dem folgenden harmonisierten en-Standard überprüft:

EMC	EN 61000-6-1(2001)	EMC – Part 6-1: Immunity for residential, commercial and light-industrial environments
	EN 61000-6-3(2001)	EMC – Part 6-3: Emission standards for residential, commercial and light-industrial environments
LVD	EN 60335-1	Safety of Household and Similar Electrical Appliances : Part I
	EN 60335-2-89	Safety of Household and Similar Electrical Appliances : Part II

J & E HALL REFRIGERATION SDN. BHD
General Manager


Teh Yeow Chong

Issue Date: 02 FEBRUARY 2009



Declaration of Conformity

Déclaration de Conformité
Declaracion de Conformidad
Dichiarazione di Conformità
Konformitätsbescheinigung

J & E HALL REFRIGERATION SDN.BHD.

LOT 10, JALAN PERUSAHAAN 8, KAWASAN PERUSAHAAN PEKAN
BANTING,
42700 BANTING,
SELANGOR DARUL EHSAN, MALAYSIA.

Model Designations:

Designation Modeles:

Disignaciones Modelo:

Indicazioni de Modello:

Baumuster-Bezeichnungen

JEHCCU0150M1	JEHCCU0150M3	JEHCCU0225M1	JEHCCU0225M3
JEHCCU0300M1	JEHCCU0300M3	JEHCCU0400M3	JEHCCU0500M3
JEHCCU0600M3	JEHCCU0675M3	JEHCCU0825M3	JEHCCU1000M3
JEHCCU0175L1	JEHCCU0175L3	JEHCCU0225L1	JEHCCU0225L3
JEHCCU0350L3	JEHCCU0400L3	JEHCCU0725L3	JEHCCU0825L3