

# MANUA **ERVICE**

# Packaged Coldroom



Contents	Page
Environmental Management Policy	1
Disposal Requirements	1
Introduction	2
Control Panel	2
LCD 28 Controller With LCD 16 Display used on All Rooms From E5167380 From Feb 06	2 to 5
High Temperature Room LDU 15 Controller	6 to 7
Low Temperature Room CDC 122 Controller From Dec 04 to Feb 05	7 to 9
Low Temperature Room LCD 15 Controller From Feb 05	9 to 12
Parts Lists	12 to 14
Water Cooler System Filling Instruction	15

### Environmental Management Policy for Service Manuals and Duets.

### **Product Support and Installation Contractors**

Foster Refrigerator recognises that its activities, products and services can have an adverse impact upon the environment.

The organisation is committed to implementing systems and controls to manage, reduce and eliminate its adverse environmental impacts wherever possible, and has formulated an Environmental Policy outlining our core aims. A copy of the Environmental Policy is available to all contractors and suppliers upon request.

The organisation is committed to working with suppliers and contractors where their activities have the potential to impact upon the environment. To achieve the aims stated in the Environmental Policy we require that all suppliers and contractors operate in compliance with the law and are committed to best practice in environmental management.

Product Support and Installation contractors are required to:

- 1. Ensure that wherever possible waste is removed from the client's site, where arrangements are in place all waste should be returned to Foster Refrigerator's premises. In certain circumstances waste may be disposed of on the clients site; if permission is given, if the client has arrangements in place for the type of waste.
- 2. If arranging for the disposal of your waste, handle, store and dispose of it in such a way as to prevent its escape into the environment, harm to human health, and to ensure the compliance with the environmental law. Guidance is available from the Environment Agency on how to comply with the waste management 'duty of care'.
- 3. The following waste must be stored of separately from other wastes, as they are hazardous to the environment: refrigerants, polyurethane foam, oils.
- 4. When arranging for disposal of waste, ensure a waste transfer note or consignment note is completed as appropriate. Ensure that all waste is correctly described on the waste note and include the appropriate six-digit code from the European Waste Catalogue. Your waste contractor or Foster can provide further information if necessary.
- 5. Ensure that all waste is removed by a registered waste carrier, a carrier in possession of a waste management licence, or a carrier holding an appropriate exemption. Ensure the person receiving the waste at its ultimate destination is in receipt of a waste management licence or valid exemption.
- 6. Handle and store refrigerants in such a way as to prevent their emission to atmosphere, and ensure they are disposed of safely and in accordance with environmental law.
- 7. Make arrangements to ensure all staff who handle refrigerants do so at a level of competence consistent with the City Guilds 2078 Handling Refrigerants qualification or equivalent qualification.
- 8. Ensure all liquid substances are securely stored to prevent leaks and spill, and are <u>not</u> disposed of to storm drains, foul drain, surface water to soil.

### **DISPOSAL REQUIREMENTS**

If not disposed of properly all refrigerators have components that can be harmful to the environment. All old refrigerators must be disposed of by appropriately registered and licensed waste contractors, and in accordance with national laws and regulations.

### Introduction

Constructed on site from foamed insulated panels provided with profiled edges and heavy duty Fosterloks for positive locking and long-term stability.

The condensing system is incorporated in the front coldroom panel locked into position.

The temperature controller, On/Off switch and light switch are located in the hinged front panel.

Access to the condensing system is by removal of the retaining screws from the right hand side of the hinged panel.

### Control Panel used on High and Low temperature coldrooms from E5167380 Feb 2006



### **Controller Operation**

LCD 28CS4E-B (00-555739) Controller

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**Operation Guidelines** 

LCD 16 Display (00-555740)

### Initial Start Up.

# Start Up & self Test:

The indication is only displayed during the first three seconds following the mains electrical power being applied to the unit. During this period the controller performs a self-check.

Once the self-check has been completed

0/I

Press and hold

•

li∙set

OFF will be displayed.

for three seconds. The unit will start and the air temperature will be displayed.

### Check temperature set point.

Important to note that the ability to increase and decrease the set point is not a function available to the user on the freezer rooms as the set point is fixed, but limited adjustment is available on the High temperature rooms. To make adjustments to the set point it is necessary to access the parameter and alter SPL and SPH accordingly.

Check set point by pressing the button



To increase set point press

To decrease set point press

until required temperature is displayed.

until required temperature is displayed.

### Factory Temperature Set Point

Refrigerator +1°C to +4°C. Freezer -18°C to -21°C. Exit from set up occurs after 10 seconds if no button is pressed.

### Manual Defrost.

To initiate a manual defrost press and hold

will be displayed release.



On completion of the defrost will be displayed until the cabinet temperature is achieved and then it will revert to displaying the normal cabinet temperature.

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Set Unit to Standby.

Press OFF

### Standby Indication

This indication is displayed while the unit is not operating but with mains power applied to the unit. This mode may be used for internal cleaning regimes and short periods when the unit is not required. For extended periods of inactivity the mains supply should be isolated.

### Alarm and Warnings

High temperature alarm

### HI

Will be displayed.

The alarm will sound but can be silenced by pressing any of the buttons, however it will return after the pre-set designated period. The unit returning to normal operating temperature will automatically cancel the alarm. Possible Causes: Evaporator fan not working. Restricted airflow through airduct. Evaporator iced up. Compressor not working.

Low temperature alarm.

LO



The alarm will sound but can be silenced by pressing any of the buttons and the unit will continue to operate, however it will return after the pre-set designated period. The unit returning to normal operating temperature will automatically cancel the alarm.

Possible Causes: Controller faulty (not switching compressor off). Compressor secondary relay will not de-energise (low temperature models).

Door Open Alarm. (Only applies to cabinets fitted with door switches.)

## DO Will be displayed.



The alarm will sound but can be silenced by pressing. The display will continue to display the alarm message until cancelled by shutting the door. Possible Causes: Faulty door switch. Door left open for more than 5minutes.

High Pressure Alarm (Only applies to machines fitted with a condenser probe).

# HP Will be displayed

This alarm relate to the condenser which must be checked and cleaned at regular intervals the frequency being determined by site conditions.

The alarm will sound but can be silenced by pressing any of the buttons and the unit will continue to operate, however it will return after the pre-set designated period. The unit returning to normal operating temperature will automatically cancel the alarm.

Possible Causes: Condenser fan not working. Condenser blocked/ dirty. Condenser obstructed.

Air Temperature Probe Failure.

### Will be displayed.

The alarm will sound but can be silenced by pressing any button.

There is no further action that can be taken by the user in this instance. During this period the unit will continue to operate but have a reduced performance.

Action: Replace Probe.

F1

Evaporator Temperature Probe Failure. (Automatic Defrost Cabinets Only)



The alarm will sound but can be silenced by pressing any button.

There is no further action that can be taken by the user in this instance. During this period the unit will continue to operate satisfactorily, but this failure will have an effect on the defrost and therefore efficiency if allowed to continue.

Action: Replace Probe.

### Information Menu

i•set activates the information menu. From this menu you can display the Pressing and releasing temperature relating to T1 (air probe), T2 (evaporator probe, if fitted) and T3 (condenser probe, if fitted). The maximum temperature (THI) and the minimum temperature (TLO) the cabinet has achieved since it was last re-set. The total operating time of the condenser (CND), since it was last cleaned, and the keyboard status (LOC). i∙set The information to be displayed can be selected sequentially by pressing repeatedly or scrolling D+II 3) • **4** through the menu using the buttons. i∙set Once selected press to display the value 0/I Exit from the info menu by pressing or is automatic after 6 seconds if no buttons are pressed. To reset the temperature settings recorded in THI and TLO and the hours counted in CND, access the info

menu press to display the value plus simultaneously for resetting to be completed. i•set to display status - YES to lock keys. - NO to To check the LOC status scroll through to LOC, press leave keys accessible.

0/I

NOTE: with the keys locked it is not possible to turn the unit off or ON or to check the set point

### Parameter Setting and Adjustment

i∙set

It is strongly advised that before adjusting any Service Parameters a thorough understanding of the following instructions should be obtained.

"set" +

and

The parameters are accessed by pressing the following keys in succession keeping them pressed for 5 seconds.

After this period the first parameter 'SCL' will be displayed.



### NOTE:

When receiving a replacement controller the unit will be set with the default settings. Change the settings to those relating to the particular model. After changing parameter 'SCL' from '1' to '2' moving through parameters 'SPL', 'SP', 'FDD', IISL' and 'IISP' you may find that '-or' will be displayed. '-or' indicates that the control setting is out of range.

To get the parameter back into range, for example 'SPL', press to display the value + continue pressing both buttons until the display shows the temperature required then release both buttons. Use the same procedure to adjust all of the parameters displaying '-or'.

### LCD 28CS4E-B (00-555735) Controller Parameter lists

Mnem.	Definition	Min.	Мах	Default	Dim.	FPC HT	FPC LT
ScL	Readout scale	1°C; 2	2°C; °F	1°C	flag	2	2
SPL	Minimum setpoint [1]	-30	SPH	-25	°C	1	-21
SPh	Maximum setpoint [I]	SPL	30	10	°C	3	-21
SP	Setpoint [ I ]	SPL	SPH	-20	°C	1	-21
hYS	Thermostat hysteresis [1]	0.1	10	2.5	°K	3	3
crt	Minimum compressor rest time	0	30	1	min.	2	2
cdc	10 min. run cycle with PF1	0	10	6	min.	7	7
cSd	Compressor Stop delay after door open	0	30	1	min.	1	1
dFr	Defrost frequency [1]	0	24	3	1/24h	4	4
dLi	Defrost end temperature	-30	30	15	С°	20	50

dto	Maximum defrost duration	1	120	20	min.	20	20
dty	Defrost type	FAN; EI	E; GAS	ELE	flag	OFF	ELE
drn	Drain down time	0	30	3	min.	2	2
ddY	Display control during defrost	0	60	10	min.	10	20
Fid	Fan operation in defrost	NO	YES	NO	flag	YES	NO
Fdd	Evaporator. Fan re-start	-30	30	-50	°C	5	5
Ftc	Fan timed control [ I ]	NO	YES	YES	flag	NO	NO
Atl	Low temperature alarm	-12	0	0	°K	-5	-5
Ath	High temperature alarm	0	12	5	°К	5	5
Atd	Temperature alarm delay	0	120	30	min.	90	90
Ado	Door alarm delay	0	30	5	min.	5	5
Aht	Condenser HP Alarm	0	70	60	°C	60	60
Ahm	AHT alarm management	NON; A	LR; STP	NON	flag	NON	NON
Acc	Condenser cleaning	0	52	0	wks	0	0
hdS	Eco->Heavy Duty sensitivity	1	5	3	flag	3	3
iiSM	2nd parameter set management	NON; M	AN; HDD	NON	flag	NON	NON
iiSL	Minimum setpoint [II]	-30	IISH	-25	°C	-25	-25
iiSH	Maximum setpoint [II]	IISL	30	10	°C	10	10
iiSP	Setpoint [ II ]	IISL	IISH	-20	°C	-20	-20
iiHY	Thermostat hysteresis [ II ]	0.1	10	3	°К	3	3
iidF	Defrost frequency [II]	0	24	1	1/24h	1	1
iiFt	Fan timed control [ II ]	NO	YES	NO	flag	NO	NO
Sb	Stand By button function	NO	YES	YES	flag	NO	NO
dS	Door switch enabling	NO	YES	NO	flag	NO	NO
oAu	AUX Output Control	NON; 0	-1; ALR	ALR	flag	NON	NON
oS1	Air probe offset	-12.5	12.5	0	°K	0	0
t2	Evaporator. Probe enabling	NO	YES	YES	flag	NO	YES
OS2	Evaporator. Probe offset	-12.5	12.5	0	°K	0	0
Т3	Condenser. Probe enabling	NO	YES	NO	flag	NO	NO
oS3	Condenser. Probe offset	-12.5	12.5	0	°K	0	0
tLd	Logging Temp. Delay	1	30	5	min.	5	5
Sim	Display slowdown	0	100	3	exp.	3	3
Adr	Unit address	1	255	1	exp.	1	1

LCD 28CS4E-B (00-555735) Controller Electrical Connections



### Detail shows high temperature controller FPC2H Models up to E5167380



### High Temperature Room Control Panel.

When the controller is switched on a single line appears on the display for 3 seconds to indicate the autotest period.

After this period the air temperature measured by the T1 probe is displayed.

*	aux	
	3.6	lae
set	44-4	aux

### Check temperature set point.

Check set point by pressing the "set" button

To increase set point press "set" +

To decrease set point press "set" +

Factory Temperature Set Point +1°C.

# Exit from set up occurs after 10 seconds if no button is pressed. Alarms and Warnings

D-DD

4**4**-4

- HI High Temperature Alarm
- LO Low Temperature Alarm
- E1 T1 Probe Failure
- **DF** Defrosting in Progress
- CLN Clean Condenser

### Controller Set Up.

The parameters are accessed by pressing the following keys in succession	۵-۵	+ "set" +	and
keeping them pressed for 3 seconds.			

Access to the parameters has been achieved with the first parameter SCL being displayed.

To pass from one parameter to the next press either the	۵۹–۹	or	D-DD	key
To display the value press. " <b>set</b> "				
		ſ		

To change the value press "**set**" +  $\neg \neg \neg$  to increase, or "**set**" +  $\neg \neg \neg$  to decrease.

Exit from set up by pressing "aux" or is automatic after 30 seconds if no buttons are pressed.

### LDU 15 Controller

### **Controller Parameters**

### LDU151E-BG Controller 00-555357

Diaplay	Paramatar	LDU151E-B	High Temp
Display	Falallelei	Default Values	Room
SCL	Readout Scale	1°C	1°C
SPL	Minimum Temperature Set Point	00	00
SPH	Maximum Temperature Set Point	08	08
SP	Effective Temperature Set Point	03	02
HYS	Hysteresis	3	3
CRT	Compressor Rest Time (minutes)	1	1
CDC	Compressor Regulation with T1 Fail	7	7
DFR	Defrosting Frequency (/24 hours)	4	4
DTO	Defrosting Duration (minutes)	20	20
DDY	Defrost Display Control	1	1
ATL	Low Alarm Differential	-3	-3
ATH	High Alarm Differential	5	10
ATD	Temperature Alarm Delay (minutes)	60	90
ACC	Condenser Clean Interval	00	00
OAU	Auxiliary Output Mode of Operation	NON	NON
BAU	Auxiliary Button Mode of Operation	NON	NON
OS1	T1 Offset	00	00
SIM	Display Slowdown	00	00
ADR	Address	01	01

### LDU 151E-BG Electrical Connections



### Low Temperature Room Control Panel.

CDC Controller from December 2004 to February 2005 When the unit is switched on the display shows "- - -" for a period of five seconds, during which the controller performs a self-check. The display then shows the air temperature measured by probe 1.



Check Set Point – Low point of temperature band.

Press and hold button 1 ( $\overline{\bullet}$ 

### **Increase Set Point**

Press and hold button 1 ( $\mathbf{\hat{L}}$ ). Press button 3 ( $\mathbf{ALT}$ ) until required temperature is displayed.

### Decrease Set Point.

Press button. 1 ( $\clubsuit$ ). Press button 4 ( $\checkmark$ ) until required temperature is displayed.

### **Manual Defrost**

Press and hold button 2 (). Press button 4 ( $\swarrow$ ) a timed defrost will follow.

### Indicators

LED 5 Compressor on (\*). LED 6 Evaporator Fan on (\*). LED 7 Defrost on (\*)

### Alarms and Warnings

PF1 indicates air probe failure. PF2 indicates evaporator probe failure.

### Access to the control parameters is achieved by pressing sequences: -

 $(\overset{\sim}{\smile})$  +  $(\overset{\bullet}{\clubsuit})$  +  $(\overset{\bullet}{\clubsuit})$  and holding in the keys for a period of 4 seconds.

It is possible to scroll through the parameters by pressing: -  $(\overset{\sim}{\smile})$  or  $(\overset{\sim}{\operatorname{ALT}})$ 

The value of a selected parameter is checked by pressing:-( $\clubsuit$ ) and may be altered by pressing, at the same

time, (F) + (ALT) or  $(\overleftrightarrow{V})$ 

Exit from set up occurs after 10 seconds if no key is pressed

If an alarm condition is entered the alarm buzzer will sound and '**ALM**' will flash on the display. The alarm may be acknowledged by pressing any key causing the buzzer to cease and the display will alternate between '**ALM**' and air temperature while the alarm condition persists. The alarm will re-sound every 30 minutes while an alarm condition persists.

### LAE CDC 122-T1-R2BS PARAMETER SETTINGS (15246156).

Display:	Parameter:	CDC122T1R2B (Default Values)	Low Temp Rooms
SPL	Minimum temperature setpoint	-30	-25
SPH	Maximum temperature setpoint	20	-15
HYS	Hysteresis	02	3
COF	Refrigeration minimum off time	00	0
CON	Refrigeration minimum on time	00	0
CDC	Compressor duty cycle	05	7
CRS	Compressor restart delay	00	0
DRE	Defrost repetition time	06	6
DLI	Defrost limit temperature	10	50
DTO	Defrost time out	30	20
DRP	Dripping time	03	3
DIS	Display in defrost	5	20
DTY	Defrost type	ELE	ELE
DOP	Defrost optimisation	CON	CON
FCT	Evaporator fan control	01	-01
FRS	Fan restart after defrost	-10	5
FID	Fan operation during defrost	00	00

ALO	Low alarm threshold	-32	-25
AHI	High alarm threshold	22	-12
ADL	Temperature alarm delay	10	90
AIN	Alarm input selection	01	01
OS1	Air probe offset	00	00
OS2	Evaporator probe offset	00	00
OS3	Display probe offset	00	00
SIM	Thermal mass simulation	00	00
ADR	Address / peripheral number	01	01

### CDC 122 T1R2 B Electrical Connections



Operation Guidelines for Foster controller part number 00-555462 low temperature models FPC2L up to E5165449.

LCD 15 Controller



Initial Start Up.

Start Up & self Test:

The indication is only displayed during the first three seconds following the mains electrical power being applied to the unit. During this period the controller performs a self-check.

Once the self-check has been completed

Press and hold

for three seconds. The unit will start and the air temperature will be displayed.

will be displayed.

### Check temperature set point.

Important to note that the ability to increase and decrease the set point is not a function available to the user as the set point is fixed. To make adjustments to the set point it is necessary to access the parameter and alter SPL and SPH accordingly.

Check set point by pressing the button

To increase set point press



li∙set

OFF

until required temperature is displayed.

To decrease set point press

Factory Set Temperature Range Freezer -18°C to -21°C.

Exit from set up occurs after 10 seconds if no button is pressed.

li∙set

### Manual Defrost.

To initiate a manual defrost press and hold

3) • **(** 

when

dEF

until required temperature is displayed.

is displayed release.



rEc On completion of the defrost will be displayed until the cabinet temperature is achieved after which it will revert to displaying the normal cabinet temperature.

### **Alarm and Warnings**

HI High temperature alarm.

Will be displayed.

The alarm will sound but can be silenced by pressing any of the buttons, however it will return after the pre-set designated period as set in parameter 'ATH'. The unit returning to normal operating temperature will automatically cancel the alarm.

Possible Causes: Evaporator fan not working. Restricted airflow through airduct. Evaporator iced up. Compressor not working.

Low temperature alarm.

Will be displayed.

The alarm will sound but can be silenced by pressing any of the buttons and the unit will continue to operate, however it will return after the pre-set designated period as set in parameter 'ATH'. The unit returning to normal operating temperature will automatically cancel the alarm.

Possible Causes: Controller faulty (not switching compressor off). Compressor secondary relay will not deenergise.

Door Open Alarm. (Only applies to rooms fitted with door switches.)



E2

The alarm will sound but can be silenced by pressing any button.

LO

The display will continue to display the alarm message until cancelled by shutting the door.

After 1 minute the compressor will stop, as set in parameter 'CSD'.

Possible Causes: Faulty door switch. Door left open for more than 5 minutes, as set in parameter 'ADO'.

High Pressure Alarm (Only applies to units fitted with a condenser probe). Will be displayed

This alarm relate to the condenser which must be checked and cleaned at regular intervals the frequency being determined by site conditions.

The alarm will sound but can be silenced by pressing any of the buttons and the unit will continue to operate, however it will return after the pre-set designated period as set in parameter 'ATH'. The unit returning to normal operating temperature will automatically cancel the alarm.

Will be displayed.

Possible Causes: Condenser fan not working. Condenser blocked/ dirty. Condenser obstructed.

### Air Temperature Probe Failure.

The alarm will sound but can be silenced by pressing any button.

There is no further action that can be taken by the user in this instance. During this period the unit will continue to operate but have a reduced performance with the compressor running for 7 minutes and resting for 3 minutes as set in parameter 'CDC'.

Action: Replace Probe.

### Evaporator Temperature Probe Failure. (Automatic Defrost Cabinets Only)

E1

Will be displayed.

HP

The alarm will sound but can be silenced by pressing any button.

There is no further action that can be taken by the user in this instance. During this period the unit will continue to operate satisfactorily with the defrost being controlled on a timed basis and not temperature which may have an effect on the overall efficiency if allowed to continue. Action: Replace Probe.

### Parameter Setting and Adjustment

It is strongly advised that before adjusting any Service Parameters a thorough understanding of the following instructions should be obtained.

The parameters are accessed by pressing the following keys in succession keeping them pressed for 5 seconds.



After this period the first parameter 'SCL' will be displayed.



to pass from one parameter to the next and button

or

to go back.

Press

to display the value +



to change it.

314

Exit from set up is by pressing

i•set

0/I

or is automatic if no buttons are pressed for 30 seconds

### NOTE:

When receiving a replacement controller the unit will be set with the default settings. Change the settings to those relating to the particular model. After changing parameter 'SCL' from '1' to '2' moving through parameters 'SPL', 'SP', 'FDD', IISL' and 'IISP' you may find that '-or' will be displayed. '-or' indicates that the control setting is out of range.

To get the parameter back into range, for example 'SPL', press

i•set



to display the value + continue pressing both buttons until the display shows the temperature required then release both buttons. Use the same procedure to adjust all of the parameters displaying '-or'.

### Foster Controller part number 00-555462 Parameter list

Display:	Parameter:	LCD 15C S3E	FPC (Lt Rooms)
		(Default Values)	
SCL	Readout scale	1°C	2°C
SPL	Minimum setpoint [1]	-25	-25
SPH	Maximum setpoint [1]	10	-15
SP	Setpoint [ I ]	-20	-21
HYS	Thermostat hysteresis [ I ]	3	3
CRT	Minimum compressor rest time	2	1
CDC	10 min. run cycle with PF1	5	7
CSD	Cmpr.Stop delay after door open	1	1
DFR	Defrost frequency [I]	4	4
DLI	Defrost end temperature	15	50
DTO	Maximum defrost duration	20	15
DTY	Defrost type	ELE	ELE
DRN	Drain down time	3	3
DDY	Display control during defrost	5	20
FID	Fan operation in defrost	NO	NO
FDD	Evapor. Fan re-start	-10	5
FTC	Fan timed control [ I ]	YES	NO
ATL	Low temperature alarm	-5	-5
ATH	High temperature alarm	5	5
ATD	Temperature alarm delay	30	90
ADO	Door alarm delay	5	0
AHT	Condenser HP Alarm	60	60
AHM	AHT alarm management	ALR	NON
ACC	Condenser cleaning	20	0
HDS	Eco->Heavy Duty sensitivity	3	3
IISM	2nd parameter set management	NON	NON
IISL	Minimum setpoint [II]	-25	-25
IISH	Maximum setpoint [II]	10	10
IISP	Setpoint [ II ]	-20	-20
IIHY	Thermostat hysteresis [ II ]	3	3

IIDF	Defrost frequency [II]	4	4
IIFT	Fan timed control [ II ]	YES	YES
SBY	Stand By button function	YES	NO
DS	Door switch enabling	NO	NO
OS1	Air probe offset	0	0
T2	Evapor. Probe enabling	YES	YES
OS2	Evapor. Probe offset	0	0
Т3	Condens. Probe enabling	NO	NO
OS3	Condens. Probe offset	0	0
TLD	Logging Temp. Delay	5	5
SIM	Display slowdown	3	3
ADR	Unit address	1	1

### LCD151CSE Electrical Connections



### Parts Lists PC2H-ZF High Temp System

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ltem	Description	Part Number
Compressor	CAJ9510Z 230/50/1	15422115
Compressor	MX18TB R404 HBP	00-555675
Condenser Coil		00-555561
Condenser Fan	Ring Mount 25W C/W Blade	00-555569
Evaporator Fan Guard	White	01-252381-01
Evaporator Coil		00-555565
Evaporator Fan	Ring Mount 25w C/W Blade	00-555568
Drier	DML 033S	00-555388
HP Pressure Switch	28 BAR	00-555386
Vap Tray Heater Rod	PA389-2 250W 240V	15240025
Vap Tray Temperature Switch	Cut Out 70°c Cut In 55°c	00-555621
Accumulator	3/8 Inlet 1/2 Outlet	15480002
Controller	LCD28CS4E-B (From Feb 2006)	00-555739
Display	LCD 16	00-555740
Air Probe	SN2K250T1 For LCD 28 Controller	00-555397
Controller	LDU151E-BG c/w NTC2K Probe (Up to Feb 2006)	00-555357
Air Probe	NTC 2K	00-555397
ON / Off Rocker Switch	ARCO C1550+EN60	15243562
Light Switch	C1353AT+EN60 2W	15243565
Bulkhead Light	Loblite 7000.00 White	00-555548
Light Bulb	60W BC Pearl 240V R/S	00-555637

Refrigerant	1200 grms R404A	
Capillary	3 metres 0.064	

### PC2L-ZF Low Temp System

Item	Description	Part Number
Compressor	MS34FB R404 LBP	00-555683
Compressor	CAJ2464Z-SE 230/50	15422412
Condenser Coil		00-555561
Condenser Fan	Ring Mount 25W C/W Blade	00-555569
Evaporator Fan Guard	White	01-252381-01
Evaporator Coil		00-555566
Evaporator Fan	Ring Mount 25w C/W Blade	00-555568
Drier	DML 033S	00-555388
HP Pressure Switch	28 BAR	00-555386
Vap Tray Heater Rod	PA389-2 250W 240V	15240025
Vap Tray Temperature Switch	Cut Out 70°c Cut In 55°c	00-555621
Hot Gas Valve Solenoid	NEV-60	15451251
Accumulator	3/8 Inlet 1/2 Outlet	15480002
Controller	LCD28CS4E-B (From Feb 2006)	00-555739
Display	LCD 16	00-555740
Air Probe	SN2K250T1 For LCD 28 Controller	00-555397
Evaporator Probe	SN2K250T2 For LCD 28 Controller	00-555398
Controller	LCD 15C S3E (From Feb 2005 to Feb 2006)	00-555462
Air Probe	NTC 2K For LCD 15 Controller	00-555397
Evaporator Probe	NTC 2K For LCD 15 Controller	00-555398
Controller	CDC122T1R2TS C/W Probe (From December 04 to Feb 05)	15246156
Air Probe	T1 Probe 3.5 metre (for CDC122T1R2TS)	00-555199
Evaporator Probe	T2 Probe 3.5 metre (for CDC122T1R2TS)	00-555200
ON / Off Rocker Switch	ARCO C1550+EN60	15243562
Light Switch	C1353AT+EN60 2W	15243565
Bulkhead Light	Loblite 7000.00 White	00-555548
Light Bulb	60W BC Pearl 240V R/S	00-555637
Pressure Relief Valve	Kason 1830	15714027
Drip Tray Heater Rod	600W 230V	01-252076-01
Evaporator Klixon	Cut Out 20°c Cut In 5°c	16240094
Drain Pan Klixon	Cut Out 20°c Cut In 5°c	16240094
Door Frame Heater		01-252938-01
Refrigerant	900 Grms R404A	
Capillary	3 metres 0.064	

### WPC2H-ZF High Temp System

Item	Description	Part Number
Compressor	MX18TB R404 HBP	00-555675
Compressor	CAJ9510Z 230/50/1	15422115
Water Cooled Condenser		00-555567
Condenser Fan	Motor 10w	00-555570
Evaporator Fan Guard	White	01-252381-01
Evaporator Coil		00-555565
Evaporator Fan	Ring Mount 25w C/W Blade	00-555568
Drier	DML 033S	00-555388
HP Pressure Switch	28 BAR	00-555386
Vap Tray Heater Rod	PA389-2 250W 240V	15240025
Vap Tray Temperature Switch	Cut Out 70°c Cut In 55°c	00-555621
Accumulator	3/8 Inlet 1/2 Outlet	15480002
Controller	LCD28CS4E-B (From Feb 2006)	00-555739
Display	LCD 16	00-555740
Air Probe	SN2K250T1 For LCD 28 Controller (Up to Feb 2006)	00-555397
Controller	LDU151E-BG c/w NTC2K Probe	00-555357
Probe	NTC 2K	
ON / Off Rocker Switch	ARCO C1550+EN60	15243562
Light Switch	C1353AT+EN60 2W	15243565
Bulkhead Light	Loblite 7000.00 White	00-555548
Light Bulb	60W BC Pearl 240V R/S	00-555637

Water Circulating Pump	EUROPA SG5	00-555582
Water Circulating Pump Valve	22mmx1.1/2"Union	00-555583
Water Reservoir	304 Stainless Steel	01-250637-01
High Pressure Stat	KP5 Auto Reset	15452109
Glycol Heat Exchanger Fan Motor	Grid Mount 16W	15470027
Glycol Heat Exchanger Fan Blade	Elco A200-31 5170	00-555622
Glycol Heat Exchanger Coil		00-555563
Glycol Heat Exchanger Complete	Complete Housing with Coil, Fan Motor & Blade.	
Refrigerant	650 Grms R404A	
Capillary	3 metres 0.064	

### WPC2L-ZF Low Temp System

Compressor     MS34FB R404 LBP     00-555683       Compressor     CAJ2464Z-SE 230/50     15422412       Water Cooled Condenser     00-555667       Condenser Fan     Motor 10w     00-555566       Evaporator Fan Guard     White     01-252381-01       Evaporator Coil     00-555566     00-555568       Evaporator Coil     00-555568     00-555586       Evaporator Fan     Ring Mount 25w C/W Blade     00-555586       Drier     DML 033S     00-555386       Vap Tray Heater Rod     PA389-2 250W 240V     15240025       Yap Tray Heater Rod     PA393-2 250W 240V     15240025       Yap Tray Heater Rod     PA389-2 250W 240V     15240025       Yap Tray Heater Rod     PA39-2 250W 240V     15240025       Yap Tray Heater Rod     PA39-2 250W 240V     15240251       Accumulator     3/8 Intel 1/2 Outlet     1545121       Accumulator     3/8 Intel 1/2 Outlet     1544002       Controller     LCD 28C Stel F.B (From Feb 2006)     00-555397       Display     LCD 16     Sontroller     00-555397       Controller	Item	Description	Part Number
Compressor     CAJ2464Z-SE 230/50     15422412       Water Cooled Condenser Fan     Motor 10w     00-555667       Evaporator Fan Guard     White     01-252381-01       Evaporator Coil     00-555566       Evaporator Coil     00-555566       Evaporator Fan     Ring Mount 25w     C/W Blade     00-555566       Evaporator Coil     00-555566     00-555568       Drier     DML 0335     00-555386       Yap Tray Heater Rod     PA389-2 250W 240V     15240025       Yap Tray Temperature Switch     Cut Out 70° c Cut In 55° c     00-555386       Yap Tray Temperature Switch     Cut Out 70° c Cut In 55° c     00-555739       Display     LCD 16     00-555739       Accumulator     378 Intel 1/2 Outlet     00-555397       Controller     LCD 28 CS4E-8 (From Feb 2006)     00-555397       Evaporator Probe     SN2K25012 For LCD 28 Controller     00-555398       Controller     LCD 15 Controller     00-555398       Controller     LCD 15 Controller     00-555398       Controller     CD 15 Controller     00-555398       Controller	Compressor	MS34FB R404 LBP	00-555683
Water Cooled Condenser     00-555670       Condenser Fan     Motor 10w     00-555570       Evaporator Fan Guard     White     00-555566       Evaporator Coil     00-555568       Evaporator Fan     Ring Mount 25w C/W Blade     00-555568       Drier     DML 033S     00-555388       HP Pressure Switch     28 BAR     00-555386       Vap Tray Heater Rod     PA398-2 250W 240V     15240025       Yap Tray Heater Rod     PA398-2 250W 240V     15240025       Accumulator     38 Inlet 1/2 Outlet     15480002       Controller     LCD28CS4E-8 (From Feb 2006)     00-555739       Display     LCD 15 C S32 (From Feb 2006)     00-555397       Evaporator Probe     NTC 2K For LCD 15 Controller     00-555397       Evaporator Probe     NTC 2K For LCD 15 Controller     00-555592       Air Probe <t< td=""><td>Compressor</td><td>CAJ2464Z-SE 230/50</td><td>15422412</td></t<>	Compressor	CAJ2464Z-SE 230/50	15422412
Condenser Fan     Motor 10w     00-555570       Evaporator Coil     01-552381-01       Evaporator Coil     00-555568       Evaporator Fan     Ring Mount 25w C/W Blade     00-555588       HP Pressure Switch     28 BAR     00-555588       Vap Tray Temperature Switch     28 BAR     00-555588       Vap Tray Temperature Switch     Cu Out 70° C cut In 55° C     00-5555861       Hot Gas Valve Solenoid     NEV-60     15451251       Accumulator     3/8 Inlet 1/2 Outlet     15480002       Controller     LCD28CS4E-B (From Feb 2006)     00-555397       Display     LCD 16     00-555397       Evaporator Probe     SN2K250T1 For LCD 28 Controller     00-555398       Controller     LCD 15C Cast Controller     00-555398       Controller     LCD 15 Controller     00-555398       Controller     LCD 15 Controller     00-555398       Controller     CD 122T IR2TS C/W Probe (from Dec 04 to Feb 05)     15246156       Air Probe     NT C 2K For LCD 15 Controller     00-555398       Controller     CD 152271R2TS C/W Probe (from Dec 04 to Feb 05)     15246156	Water Cooled Condenser		00-555567
Evaporator Fan Guard     White     01-252381-01       Evaporator Fan     Ring Mount 25w C/W Blade     00-555566       Drier     DML 033S     00-555388       HP Pressure Switch     28 BAR     00-555386       Vap Tray Heater Rod     PA389-2 250W 240V     15240025       Vap Tray Heater Rod     Outoller     1CD 16C 5339     00-555740       Accumulator     3/8 Inlet 1/2 Outlet     1541251     Accumulator     00-555397       Evaporator Probe     NTC 2K For LCD 15 Controller     00-555398     Controller     00-555398       Evaporator Probe     NTC 2K For LCD 15	Condenser Fan	Motor 10w	00-555570
Evaporator Coil     00-555566       Evaporator Fan     Ring Mount 25w C/W Blade     00-555568       Drier     DML 033S     00-555388       HP Pressure Switch     28 BAR     00-555386       Vap Tray Heater Rod     PA389-2 250W 240V     15240025       Vap Tray Heater Rod     NAS9-2 250W 240V     15240025       Vap Tray Heater Switch     Cut Out 70°c Cut In 55°c     00-555621       Hot Gas Valve Solenoid     NEV-60     15451251       Accumulator     3/8 Inlet 1/2 Outlet     15480002       Controller     LCD 28 CS4E-8 (From Feb 2006)     00-555739       Display     LCD 16     00-555397       Evaporator Probe     SN2K250T1 For LCD 28 Controller     00-555397       Evaporator Probe     NTC 2K For LCD 15 Controller     00-555397       Evaporator Probe     NTC 2K For LCD 15 Controller     00-555398       Controller     CDC122T1R2TS C/W Probe (from Dec 04 to Feb 05)     15246156       Air Probe     T1 Probe 3.5 metre (for CDC122T1R2TS)     00-555398       Controller     CDC1520+EN60     15243562       Light Switch     ARCO C1550+EN60     15243562	Evaporator Fan Guard	White	01-252381-01
Evaporator Fan     Ring Mount 25w C/W Blade     00-555386       Drier     DML 033S     00-555386       Vap Tray Heater Rod     PA389-2 250W 240V     15240025       Vap Tray Temperature Switch     Cut Out 70°c Cut In 55°c     00-555386       Vap Tray Temperature Switch     Cut Out 70°c Cut In 55°c     00-555621       Hot Gas Valve Solenoid     NEV-60     15451251       Accumulator     3/8 Inlet 1/2 Outlet     15480002       Controller     LCD28CS4E-B (From Feb 2006)     00-555739       Display     LCD 16     00-555397       Evaporator Probe     SN2K250T1 For LCD 28 Controller     00-555398       Controller     LCD 15C S3E (From Feb 2005 to Feb 2006)     00-555398       Controller     NTC 2K For LCD 15 Controller     00-555398       Controller     CDC12211R2TS C/W Probe (from Dec 04 to Feb 05)     15246156       Air Probe     T1 Probe 3.5 metre (for CDC1221T1R2TS)     00-555398       Controller     CD1550+EN60     15243562       Dividif Rocker Switch     ARC C1550+EN60     15243562       Light Switch     C1353AT+EN60 ZW     15243565       Dividif Rocker Swi	Evaporator Coil		00-555566
Drier     DML 033S     00-555388       HP Pressure Switch     28 BAR     00-565386       Vap Tray Heater Rod     PA389-2 250W 240V     15240025       Vap Tray Temperature Switch     Cut Out 70°c Cut In 55°c     00-5555821       Hot Gas Valve Solenoid     NEV-60     13451251       Accumulator     38 Inlet 1/2 Outlet     15480002       Controller     LCD28CS4E-B (From Feb 2006)     00-555739       Display     LCD 16     00-555397       Evaporator Probe     SN2K250T1 For LCD 28 Controller     00-555398       Controller     LCD 15C S3E (From Feb 2006)     00-555398       Controller     NC 2K For LCD 15 Controller     00-555398       Controller     NC 2K For LCD 15 Controller     00-555398       Controller     CD 55398     Controller     00-555398       Controller     CD 555398     Controller     00-555398       Evaporator Probe     NTC 2K For LCD 15 Controller     00-555398       Controller     CD 555398     Controller     00-555398       Controller     CD 555398     00-5555199     15244562       Light Switc	Evaporator Fan	Ring Mount 25w C/W Blade	00-555568
HP Pressure Switch     28 BAR     00-555386       Vap Tray Heater Rod     PA389-2 250W 240V     15240025       Vap Tray Temperature Switch     Cut Out 70° Cut In 55° C     00-555621       Hot Gas Valve Solenoid     NEV-60     15451251       Accumulator     3/8 Inlet 1/2 Outlet     15480002       Controller     LCD28CS4E-B (From Feb 2006)     00-555739       Display     LCD 16     00-555397       Evaporator Probe     SN2K250T1 For LCD 28 Controller     00-555398       Controller     LCD 15C S3E (From Feb 2005 to Feb 2006)     00-555398       Controller     LCD 15C Controller     00-555398       Evaporator Probe     NTC 2K For LCD 15 Controller     00-555398       Controller     CDC12211R2TS CW Probe (from Dec 04 to Feb 05)     15246156       Air Probe     T1 Probe 3.5 metre (for CDC1221TR2TS)     00-5555199       Evaporator Probe     T2 Probe 3.5 metre (for CDC1221TR2TS)     00-555540       ON / Off Rocker Switch     ARCO C1550+EN60     15243565       Bulkhead Light     Lobilier 7000.00 White     00-555548       Light Bulb     600W 230V     01-252076-01	Drier	DML 033S	00-555388
Vap Tray Heater Rod     PA389-2 250W 240V     15240025       Vap Tray Temperature Switch     Cut Out 70°c Cut In 55°c     00-555621       Hot Gas Valve Solenoid     NEV-60     15451251       Accumulator     3/8 Inlet 1/2 Outlet     1545025       Controller     LCD 28CS4E-B (From Feb 2006)     00-555740       Display     LCD 16     00-555740       Air Probe     SN2K250T1 For LCD 28 Controller     00-555397       Evaporator Probe     SN2K250T2 For LCD 28 Controller     00-555393       Controller     LCD 15 Controller     00-555393       Controller     LCD 15 Controller     00-555393       Controller     CD2 X For LCD 15 Controller     00-555393       Controller     CD2122T1R2TS C/W Probe (from Dec 04 to Feb 05)     15246156       Air Probe     T1 Probe 3.5 metre (for CDC122T1R2TS)     00-555199       Evaporator Probe     T2 Probe 3.5 metre (for CDC122T1R2TS)     00-555542       ON / Off Rocker Switch     ARCO C1550+EN60     15243662       Light Switch     C1353AT+EN60 2W     15243662       Light Bulb     60W BC Pearl 240V R/S     00-555548       Light Bulb<	HP Pressure Switch	28 BAR	00-555386
Vap Tray Temperature Switch     Cut Out 70°c Cut In 55°c     00-555621       Hot Gas Valve Solenoid     NEV-60     15451251       Accumulator     3/8 Inlet 1/2 Outlet     15480002       Controller     LCD28CS4E-B (From Feb 2006)     00-555739       Display     LCD 16     00-555398       Air Probe     SN2K250T1 For LCD 28 Controller     00-555398       Controller     LCD 15C S3E (From Feb 2005 to Feb 2006)     00-555398       Controller     LCD 15C S3E (From Feb 2005 to Feb 2006)     00-555398       Controller     NTC 2K For LCD 15 Controller     00-555398       Controller     CD122T1R2TS C/W Probe (from Dec 04 to Feb 05)     15246156       Air Probe     T1 Probe 3.5 metre (for CDC122T1R2TS)     00-5555200       ON / Off Rocker Switch     ARCO C1550+EN60     15243562       Light Switch     C1353AT+EN60 2W     15243565       Bulkhead Light     Loblite 7000.00 White     00-555548       Light Bulb     60W BC Pearl 240V R/S     00-555583       Pressure Relief Valve     Kason 1830     15714027       Drip Tray Heater Rod     600W 230V     01-252076-01       Evap	Vap Tray Heater Rod	PA389-2 250W 240V	15240025
Hot Gas Valve Solenoid     NEV-60     15451251       Accumulator     3/8 Inlet 1/2 Outlet     15480002       Controller     LCD28CS4E-B (From Feb 2006)     00-555739       Display     LCD 16     00-555739       Air Probe     SN2K250T1 For LCD 28 Controller     00-555398       Evaporator Probe     SN2K250T2 For LCD 28 Controller     00-555398       Controller     LCD 15C S3E (From Feb 2005 to Feb 2006)     00-555397       Evaporator Probe     NTC 2K For LCD 15 Controller     00-555398       Controller     CDC122T1R2TS C/W Probe (from Dec 04 to Feb 05)     15246156       Air Probe     T1 Probe 3.5 metre (for CDC122T1R2TS)     00-555200       ON / Off Rocker Switch     ARCO C1550+EN60     15243562       Light Switch     C1353AT+EN60 2W     15243565       Bulkhead Light     Lobite 7000.00 White     00-5555482       Light Switch     G00700.00 White     00-555548       Ught Switch     G00700.00 White     00-555548       Bulkhead Light     Lobite 7000.00 White     00-555548       Ught Switch     G1252076-01     15243665       Bulkhead Light     Lobi	Vap Tray Temperature Switch	Cut Out 70°c Cut In 55°c	00-555621
Accumulator     3/8 Inlet 1/2 Outlet     15480002       Controller     LCD28CS4E-B (From Feb 2006)     00-555739       Display     LCD 16     00-555397       Air Probe     SN2K250T1 For LCD 28 Controller     00-555397       Evaporator Probe     SN2K250T2 For LCD 28 Controller     00-555398       Controller     LCD 16C S3E (From Feb 2005 to Feb 2006)     00-555397       Evaporator Probe     NTC 2K For LCD 15 Controller     00-555397       Evaporator Probe     NTC 2K For LCD 15 Controller     00-555398       Controller     CDC122T1R2TS C/W Probe (from Dec 04 to Feb 05)     15246156       Air Probe     T1 Probe 3.5 metre (for CDC122T1R2TS)     00-555199       Evaporator Probe     T2 Probe 3.5 metre (for CDC122T1R2TS)     00-555200       ON / Off Rocker Switch     ARCO C1550+EN60     15243665       Light Switch     C1353AT+EN60 2W     15243665       Bulkhead Light     Lobilite 700.00 White     00-555637       Drip Tray Heater Rod     600W 230V     01-252076-01       Evaporator Klixon     Cut Out 20°c Cut In 5°c     16240094       Drip Tray Heater Rod     600W 230V     00-555582 <	Hot Gas Valve Solenoid	NEV-60	15451251
Controller     LCD28CS4E-B (From Feb 2006)     00-555739       Display     LCD 16     00-555740       Air Probe     SN2K250T1 For LCD 28 Controller     00-555397       Evaporator Probe     SN2K250T2 For LCD 28 Controller     00-555398       Controller     LCD 15C S3E (From Feb 2005 to Feb 2006)     00-555398       Controller     LCD 15C S3E (From Feb 2005 to Feb 2006)     00-555398       Controller     NTC 2K For LCD 15 Controller     00-555398       Controller     CDC122T1R2TS C/W Probe (from Dec 04 to Feb 05)     15246156       Air Probe     T1 Probe 3.5 metre (for CDC122T1R2TS)     00-555398       Controller     CD 1500-FIN60     15243562       Light Switch     ARCO C1550+FIN60     15243562       Light Switch     C1353AT+EN60 2W     15243565       Bulkhead Light     Loblite 7000.00 White     00-555548       Light Bulb     600W 230V     01-252076-01       Pressure Relief Valve     Kason 1830     15714027       Drip Tray Heater Rod     600W 230V     01-252076-01       Evaporator Klixon     Cut Out 20°c Cut In 5°c     16240094       Water Circulating Pump	Accumulator	3/8 Inlet 1/2 Outlet	15480002
Display     LCD 16     00-555740       Air Probe     SN2K250T1 For LCD 28 Controller     00-555397       Evaporator Probe     SN2K250T2 For LCD 28 Controller     00-555398       Controller     LCD 15C S3E (From Feb 2006)     00-555462       Air Probe     NTC 2K For LCD 15 Controller     00-555398       Controller     OC122T1R2TS C/W Probe (from Dec 04 to Feb 05)     15246156       Air Probe     T1 Probe 3.5 metre (for CDC122T1R2TS)     00-555398       Controller     CDC122T1R2TS C/W Probe (from Dec 04 to Feb 05)     15246156       Air Probe     T1 Probe 3.5 metre (for CDC122T1R2TS)     00-555199       Evaporator Probe     T2 Probe 3.5 metre (for CDC122T1R2TS)     00-5555200       ON / Off Rocker Switch     ARCO C1550+EN60     152435652       Light Bulb     60W BC Pearl 240V R/S     00-555548       Light Bulb     60W BC Pearl 240V R/S     00-555583       Pressure Relief Valve     Kason 1830     15714027       Drip Tray Heater Rod     600W 230V     01-252076-01       Evaporator Klixon     Cut Out 20° C Cut In 5° c     16240094       Water Circulating Pump     EUROPA SG5     00-555582 <td>Controller</td> <td>LCD28CS4E-B (From Feb 2006)</td> <td>00-555739</td>	Controller	LCD28CS4E-B (From Feb 2006)	00-555739
Air Probe     SN2K250T1 For LCD 28 Controller     00-555397       Evaporator Probe     SN2K250T2 For LCD 28 Controller     00-555398       Controller     LCD 15C S3E (From Feb 2005 to Feb 2006)     00-555397       Evaporator Probe     NTC 2K For LCD 15 Controller     00-555397       Evaporator Probe     NTC 2K For LCD 15 Controller     00-555398       Controller     CDC122T1R2TS C/W Probe (from Dec 04 to Feb 05)     15246156       Air Probe     T1 Probe 3.5 metre (for CDC122T1R2TS)     00-555200       ON / Off Rocker Switch     ARCO C1550+EN60     15243562       Light Switch     C1353AT+EN60 2W     15243565       Bulkhead Light     Loblite 7000.00 White     00-555548       Light Bulb     600W BC Pearl 240V R/S     00-5555637       Pressure Relief Valve     Kason 1830     15714027       Drip Tray Heater Rod     6000W 230V     01-252076-01       Evaporator Klixon     Cut 02 20° c Cut In 5° c     16240094       Water Circulating Pump     EUROPA SG5     00-555832       Water Circulating Pump     EUROPA SG5     00-555832       Water Reservoir     304 Stainless Steel     15452109 <	Display	LCD 16	00-555740
Am rote     Sind addition for LCD 28 Controller     00-555388       Evaporator Probe     NTC 2K For LCD 15 Controller     00-555398       Controller     LCD 15C S3E (From Feb 2005 to Feb 2006)     00-555398       Evaporator Probe     NTC 2K For LCD 15 Controller     00-555398       Controller     CDC122T1R2TS C/W Probe (from Dec 04 to Feb 05)     15246156       Air Probe     T1 Probe 3.5 metre (for CDC122T1R2TS)     00-555200       ON / Off Rocker Switch     ARCO C1550+EN60     15243562       Light Switch     C1353AT+EN60 2W     15243565       Bulkhead Light     Lobite 7000.00 White     00-555548       Light Switch     G00W 230V     01-252076-01       Evaporator Klixon     Cut Out 20°c Cut In 5°c     16240094       Drain Pan Klixon     Cut Out 20°c Cut In 5°c     16240094       Water Circulating Pump     EUROPA SG5     00-555582       Water Circulating Pump     EUROPA SG5     00-555633       Water Reservoir     304 Stainless Steel     01-255037-01       High Pressure Stat     KP5 Auto Reset     15452109       Glycol Heat Exchanger Fan Blade     Grid Mount 16W     15470027	Air Probe	SN2K250T1 For LCD 28 Controller	00-555397
AngelandOne fact and the form field 2000 for field 2006	Evaporator Probe	SN2K250T2 For LCD 28 Controller	00-555398
Solution     Edd Focu	Controller	LCD 15C S3E (From Eeb 2005 to Eeb 2006)	00-555462
Ain FlobeINTO 2K For LCD 15 Controller00-555398ControllerCDC122T1R2TS C/W Probe (from Dec 04 to Feb 05)15246156Air ProbeT1 Probe 3.5 metre (for CDC122T1R2TS)00-555199Evaporator ProbeT2 Probe 3.5 metre (for CDC122T1R2TS)00-555200ON / Off Rocker SwitchARCO C1550+EN6015243562Light SwitchC1353AT+EN60 2W15243565Bulkhead LightLoblite 7000.00 White00-555548Light Bulb60W BC Pearl 240V R/S00-555637Pressure Relief ValveKason 183015714027Drip Tray Heater Rod600W 20V01-252076-01Evaporator KlixonCut Out 20°c Cut In 5°c16240094Water Circulating PumpEUROPA SG500-55582Water Circulating PumpEUROPA SG501-250637-01High Pressure StatKP5 Auto Reset15452109Glycol Heat Exchanger Fan BladeElco A200-31 517000-555632Glycol Heat Exchanger CoilComplete Housing with Coil, Fan Motor & Blade.00-555582Door Frame Heater00-55563301-252938-01	Air Probe	NTC 2K For LCD 15 Controller	00-555397
EndponderNTOCNTOCONSTRUCTOD-0505000ControllerCDC122T1R2TS COW Probe (from Dec 04 to Feb 05)15246156Air ProbeT1 Probe 3.5 metre (for CDC122T1R2TS)00-555199Evaporator ProbeT2 Probe 3.5 metre (for CDC122T1R2TS)00-555200ON / Off Rocker SwitchARCO C1550+EN6015243562Light SwitchC1353AT+EN60 2W15243562Light SwitchLoblite 7000.00 White00-555548Light Bulb60W BC Pearl 240V R/S00-555637Pressure Relief ValveKason 183015714027Drip Tray Heater Rod600W 230V01-252076-01Evaporator KlixonCut Out 20°c Cut In 5°c16240094Drain Pan KlixonCut Out 20°c Cut In 5°c16240094Water Circulating PumpEUROPA SG500-555582Water Reservoir304 Stainless Steel01-250637-01High Pressure StatKP5 Auto Reset15452109Glycol Heat Exchanger Fan BladeElco A200-31 517000-555622Glycol Heat Exchanger CoilComplete Housing with Coil, Fan Motor & Blade.00-555633Oor Frame HeaterOn-555583-0001-525938-01	Evaporator Probe	NTC 2K For LCD 15 Controller	00-555398
ControlledCDC 21 fright ConvertionCDC ConvertionCDC ConvertionAir ProbeT1 Probe 3.5 metre (for CDC 122T1R2TS)00-555199Evaporator ProbeT2 Probe 3.5 metre (for CDC 122T1R2TS)00-555200ON / Off Rocker SwitchARCO C1550+EN6015243562Light SwitchC1353AT+EN60 2W15243565Bulkhead LightLoblite 7000.00 White00-555548Light Bulb60W BC Pearl 240V R/S00-555637Pressure Relief ValveKason 183015714027Drip Tray Heater Rod600W 230V01-252076-01Evaporator KlixonCut Out 20°c Cut In 5°c16240094Drain Pan KlixonCut Out 20°c Cut In 5°c16240094Drain Pan KlixonCut Out 20°c Cut In 5°c16240094Water Circulating PumpEUROPA SG500-555582Water Reservoir304 Stainless Steel01-25037-01High Pressure StatKP5 Auto Reset15452109Glycol Heat Exchanger Fan BladeElco A200-31 517000-555622Glycol Heat Exchanger CoilComplete Housing with Coil, Fan Motor & Blade.01-252938-01Door Frame Heater00-5556301-252938-01	Controller	CDC122T1R2TS C/W Probe (from Dec 04 to Eeb 05)	15246156
All riddeTit ridde 3.5 metre (for CDC122TR215)00-35133Evaporator ProbeT2 Probe 3.5 metre (for CDC122TR2TS)00-555200ON / Off Rocker SwitchARCO C1550+EN6015243562Light SwitchC1353AT+EN60 2W15243565Bulkhead LightLoblite 7000.00 White00-555637Pressure Relief ValveKason 183015714027Drip Tray Heater Rod600W 230V01-252076-01Evaporator KlixonCut Out 20°c Cut In 5°c16240094Drain Pan KlixonCut Out 20°c Cut In 5°c16240094Water Circulating PumpEUROPA SG500-555832Water Circulating Pump22mmx1.1/2"Union00-555833Water Reservoir304 Stainless Steel01-250637-01High Pressure StatKP5 Auto Reset15452109Glycol Heat Exchanger Fan BladeElco A200-31 517000-555633Glycol Heat Exchanger CoilComplete Housing with Coil, Fan Motor & Blade.00-55583Door Frame Heater01-252938-01	Air Probe	T1 Probe 3.5 metre (for CDC122T1P2TS)	00 555100
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	Door Frame Heater		01-252938-01
Refrigerant 400 Grms R404A	Refrigerant	400 Grms R404A	
Capillary 3 metres 0.064	Capillary	3 metres 0.064	

### Water Cooled Condensing System Filling Instruction

### Filling the system with water

Fill the 5-litre container with clean water.

Remove the plastic cap from the end of the 'Water Fill Pipe'.

Insert the funnel in to the end of the Water Fill Pipe.

Slowly and with care, avoiding any spillage, poor 2 litres of the water into the tank.

Plug the mains lead in to the power source and turn the unit ON.

After a short period the water pump will start to circulate the water round the system.

Leave the pump to run for a further 2 minutes.

Switch the unit Off before adding the remaining 3 litres of the water.

Switch the unit On and leave running for a few minutes to check that the water is circulating correctly.

Check the water level in of the tank by placing a hand against the front, the tank if filled with sufficient water will be warm half way up, if not it may be necessary to add more water.

Refit the plastic cap to the water fill pipe.



Water Outlet 'B'

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Airflow

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FASTFIT/SM/02/06