

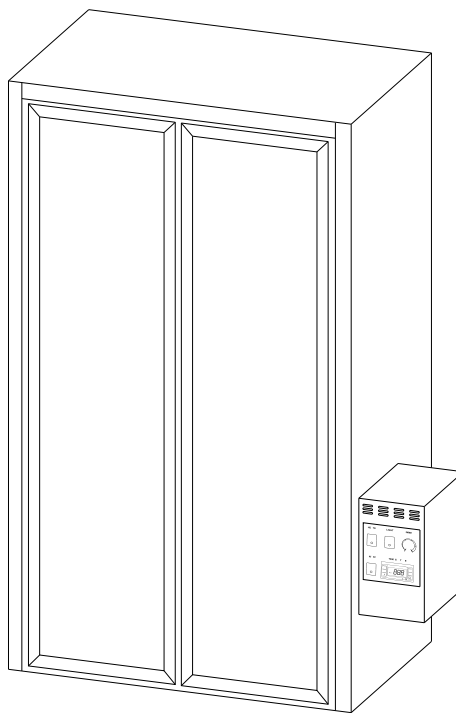
SPECIFICATION, INSTALLATION AND OPERATION MANUAL

READ ALL INSTRUCTIONS BEFORE USE

WINE DISPLAY REFRIGERATORS - REMOTE VERTICAL

Models:

CR.WDW.V.FG.RB, CR.WDW.V.FG.RB.PC
CR.WDR.V.FG.RB, CR.WDR.V.FG.RB.PC



A guide on the use, care and maintenance
of your quality Culinaire product



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Your New Culinaire Product

Thank you for choosing this quality Culinaire product. All our products are designed and made to meet the needs of food service professionals. By using, caring and maintaining your Culinaire product according to these instructions, your Culinaire product should give you many years of reliable service.

Stoddart is a wholly Australian owned company, which manufactures and distributes Culinaire commercial catering equipment. Stoddart products are manufactured and/or engineered in Australia to provide excellent results whilst offering-value-for-money, ease-of-use and reliability.


Stoddart manufacture and distribute a comprehensive range of equipment for kitchens, food preparation and presentation.

Warranty Registration

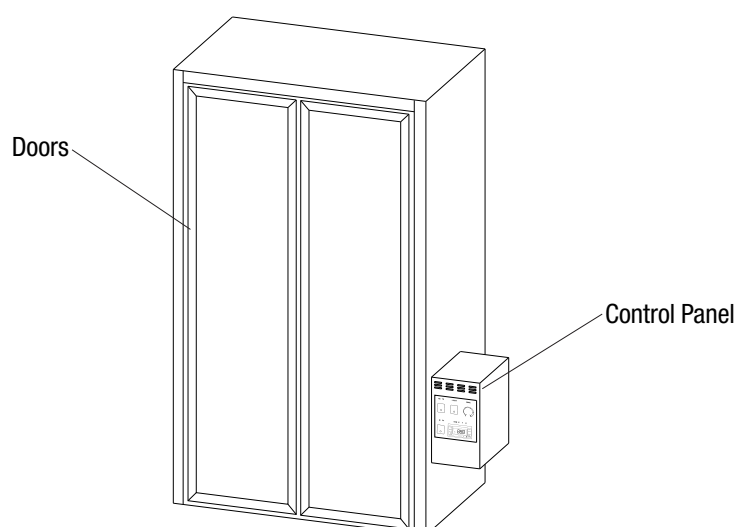
To register your new product go to: <http://www.stoddart.com.au/warranty-registration>

Product Overview

Configuration may vary according to model.

	CAUTION
	This unit includes refrigeration components. Cold surfaces can burn DO NOT touch these surfaces

Code	Explanation
CR	= Culinaire Refrigerated
WDW	= Wine Display - White Wine
WDR	= Wine Display - Red Wine
V	= Aluminium Framed Glass
FG	= Remote Control Box
RB	= Remote Service Compartment
PC	= Powder Coated
L	= Left Hand Services (Add L to product code eg. CR.WDW.V.FG. RBL .3)



Attention

Carefully read this instruction booklet, as it contains important advice for safe installation, operation and maintenance. Keep this booklet on hand in a safe place for future reference by other operators or users.

Disclaimer

The manufacturer and distributor cannot be held responsible or liable for any injuries or damages of any kind occurred to persons, units or others, due to abuse and misuse of this unit in regards to installation, removal, operation, servicing or maintenance, or lack of conformity with the instructions indicated in this documentation.

All units made by the manufacturer are delivered assembled, where possible, and ready to install. Any installation, removal, servicing, maintenance and access or removal of any parts, panels or safety barriers that is not permitted, does not comply in accordance to this documentation, or not performed by a **TRAINED AND AUTHORISED SPECIALIST** will result in the

IMMEDIATE LOSS OF THE WARRANTY.

The manufacturer cannot be held responsible or liable for any unauthorized modifications or repairs. All modifications or repairs must be approved by the manufacturer in writing before initiating. All modifications or repairs performed to this unit must be performed at all times by a **TRAINED AND AUTHORISED SPECIALIST**.

**Stoddart design, manufacture & distribute Food Service Equipment (appliances) exclusively for the commercial market.
This appliance is not designed nor intended for household or domestic use & must not be used for this purpose.**

This product is intended for commercial use, and in line with Australian electrical safety standards the following warnings are provided:

- This product 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 the use of the product by a person responsible for their safety. Children should be supervised to ensure that they do not play with the product
- 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

General Information

When using any electrical unit, safety precautions must always be observed.

Our units have been designed for high performance. Therefore, the unit must be used exclusively for the purpose for which it has been designed.


Read these instructions carefully and retain for future reference.

- All units **MUST** be installed according to the procedures stated in the installation section of this manual
- In the case of new personnel, training is to be provided before operating the equipment
- **DO NOT** use this unit for any other purpose than its intended use
- **DO NOT** store explosive substances such as aerosol cans with a flammable propellant in or near this unit
- Keep fingers out of "pinch point" areas
- Unit is not waterproof **DO NOT** use jet sprays, hoses or pour water over/on the exterior of the unit
- Only use this unit with voltage specified on the rating label
- **Do NOT** remove any cover panels that may be on the unit
- **DO NOT** use sharp objects to activate controls
- If any fault is detected, refer to troubleshooting
- The manufacturer declines any liability for damages to persons and/or things due to an improper/wrong and/or unreasonable use of the machine

Service

- Only specifically trained/qualified Technicians (Stoddart, one of our service agents, or a similarly qualified persons) should carry out any and all repairs, maintenance and services

Setting Up

	WARNING
	<p>Improper installation, adjustments, alterations, service or maintenance can cause property damage, injury or death.</p>

Handling

- Use suitable means to move the unit: e.g.
 - For smaller items use two people
 - For large items a lift truck or fork pallet trucks (the forks should reach more completely beneath the unit).

Unpacking

- Check the unit for damage before and after unpacking. If unit is damaged, contact the distributor and manufacturer
- Should any item have physical damage, report the details to the freight company and to the agent responsible for the dispatch within seven (7) days of receipt. No claims will be accepted or processed after this period
- The unit is supplied fully assembled
- Remove all protective plastic film, tapes, ties and packers before installing and operating
- Clean off any remaining residue from the interior/exterior of the unit using a clean cloth dampened with warm soapy water

Positioning

- Choose an area that is well ventilated and provides access for future maintenance
- Place the unit on a level stable work surface capable of supporting its weight
- Do not position the unit in a wet area, an area with a lot of heat and steam or near flammable substances
- Allow an air gap between the unit and other objects or surfaces. We recommend a minimum gap of 100mm from all sides for normal operational use (if the unit is near any heat sensitive material we suggest you allow additional space)
- Please consult national and local standards to ensure that your unit is positioned in accordance with any existing requirement


Disposal

- At the end of the appliance's working life, make sure it is scrapped & components recycled properly
- Current environmental protection laws in the state/country of use must be observed
- Doors must be removed before disposal (if applicable)
- Power supply cable must be removed before disposal
- For further information on the recycling of this product, contact the local dealer/agent or the local body responsible for waste disposal

Plumbing Connections

Information

- The drainage must be drained to a tundish
- The unit **MUST** be on a level surface for the water to drain properly

	IMPORTANT
	<p>This unit must be installed in accordance with AS/NZ 3500.1</p>

Electrical Connection

	WARNING
	This unit must be installed in accordance with AS/NZS 60335.1

Information

Aggregate electrical ratings of the Unit are expressed in kilowatts in this manual.

Single Phase Units:

A terminal block for on-site connection, by a licensed electrician will be supplied inside the service compartment of the unit and be indicated as:


- 1Ø + N + E

Plug and lead Connection:

- Plug the unit into the applicable power point

On-site Connection:

- The electrical supply must comply with the rating plate data
- Ensure that the machine is connected to a suitably rated and earthed power source
- Ensure that there is an isolation switch installed near the unit
- To connect the power, the unit has a terminal block in the electrical junction box. The power switches and electronic controller are the face of the electrical junction box
- The equipment should be earthed according to local electrical codes to prevent the possibility of electrical shock. It requires an earthed receptacle with separate electrical lines, protected by fuses or a circuit breaker of the proper rating
- 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. Please contact Stoddart for parts and we will advise how to do this in order to avoid any electrical hazard
- The power cable should be dry and/or isolated from moisture or water

	WARNING
	<p>Some procedures in this manual require the power to the equipment to be turned off and isolated. Turn the power OFF at the power point and unplug the power supply lead by the plug body. If the power point is not readily accessible turn the equipment off at the isolation switch or the circuit breaker in the switchboard.</p> <p>Attach a yellow "CAUTION-DO NOT OPERATE" tag. This must be performed where relevant unless the procedures specify otherwise.</p> <p>FAILURE TO DO SO MAY RESULT IN ELECTRIC SHOCK.</p>

Refrigeration Connections

	<p style="text-align: center;">IMPORTANT</p> <p style="text-align: center;">This refrigeration system must be installed in accordance with local refrigeration standards</p>
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Pre-Installation Pressure Test

- All refrigeration lines are pressurised with nitrogen before leaving the factory. Exported units are de-pressurised before shipping to a country other than Australia
- Refrigeration lines are tested at 1725kPa (250psi) for 24 hours in the factory. For safety, the pressure is reduced before leaving the factory
- Before use, the system **MUST** be checked for leaks. Check the pressure tag attached to the refrigeration lines. If the pressure tag is lost, the preset pressure of the lines when leaving the factory should be 1380kPa (200psi). Contact the manufacturer to confirm
- Any pressure loss **MUST** be reported to the distributor or manufacturer and fixed before the unit is used
- If exported, the system **MUST** be tested again for 24 hours before attaching the external refrigeration lines

TX Valves

- The TUA or TUA-E TX valve is supplied with the unit. Check the specification manual for more information
- Ensure the TX valve is working properly before use

Refrigerant

- This unit designed for R404A refrigerant.

Solenoid Valve - Liquid Line

- The solenoid is not sold or supplied with this product or by Stoddart. For purchasing and installation of the solenoid contact a local refrigeration company
- A 3 core flex is supplied for fitting the solenoid and is connected into the switching output 5 of the electronic controller. The switching output for the solenoid is marked on the 3 core flex
- Ensure the refrigeration lines are thoroughly pressure tested and vacuumed after fitting the solenoid valve.

Isolation Valves

- Isolation valves (suction line and liquid line) are not sold or supplied with this product or by Stoddart. For purchasing and installation of the solenoid contact a local refrigeration company
- Ensure the refrigeration lines are thoroughly pressure tested and vacuumed after fitting the ball valve

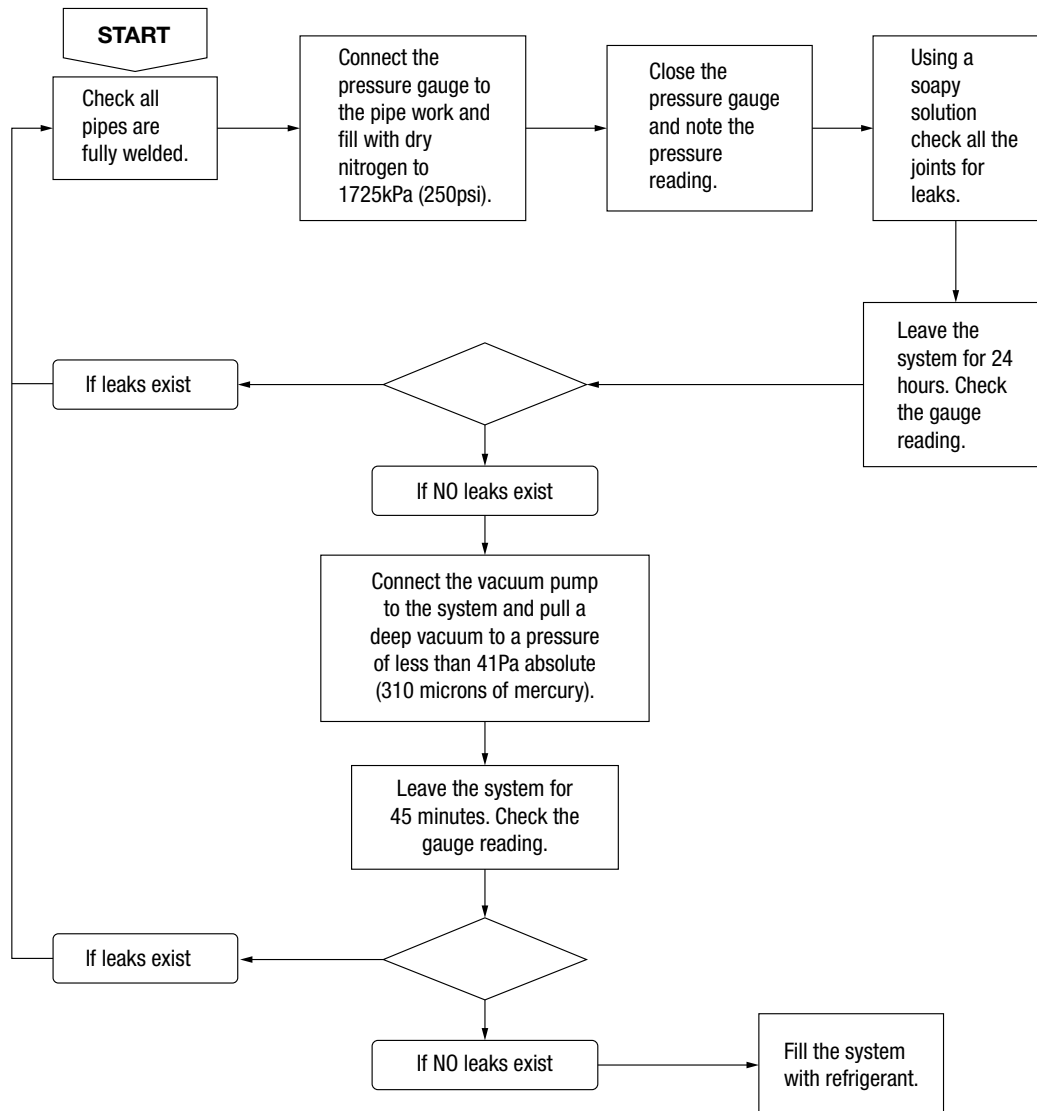
Refrigeration Lines

- All external refrigeration lines are not sold or supplied with this product or by Stoddart. For purchasing and installation of refrigeration lines contact a local refrigeration company
- The connecting refrigeration lines are on the side of the unit or inside the service compartment
- A 3/8" liquid line, and 1/2" suction line are provided to attach the external refrigeration lines
- The suction lines must be insulated
- All refrigeration lines **MUST** be vacuumed and pressure tested before using

Condenser Unit

- Condenser units are not sold or supplied with this product or by Stoddart. For purchasing and installation of a condensate unit contact a local refrigeration company
- Ensure the condenser unit has right capabilities for this unit and other units that will be attached
- Refrigeration capacity is on the rating label on the service compartment or in the specification manual
- Do NOT overload the condenser unit

Remote Unit Leak Testing Diagram

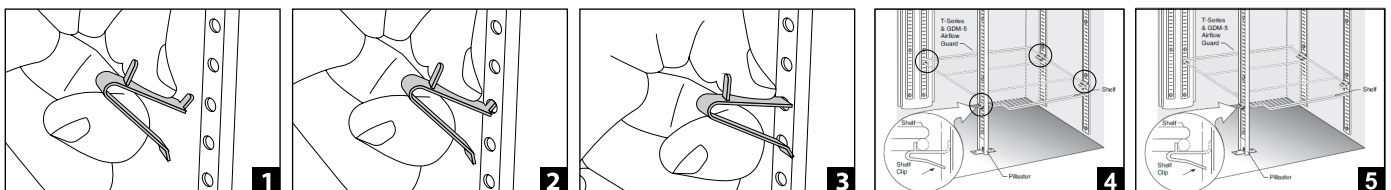


Shelves

Shelf Installation

Note: Do not use pliers when installing shelf clips

1. The shelf support pin needs to be facing up
2. Squeeze the pin to fit the bottom of the clip in
3. The shelf clips clip into the rail
4. All four pins for the shelf need to be at the same height for a level shelf
5. The outer frame of the shelf fits over the shelf



Climate Classes

Information

Test room Climatic classes & classifications indicated on rating labels are specified in ISO-23953-2 (& AS-1731) e.g. Climatic Class:

- 3=25°C @ 60% humidity,
- 4=30°C @ 55% humidity &
- 5=40 °C @ 40% humidity.

The cabinet classification shall be given by the combination of climate class and M-package temperature class. Under AS & EU energy regulations (MEPS) some display &/or storage cabinets are required to be labelled. E.g. a cabinet tested in a test room climate Class 3 with an M1 class package would be designated as 3M1. Refrigerated Units in Commercial Kitchens would normally be climate class 4

CLIMATE CLASSES				
Test Room Climate Class	Dry bulb temperature °C	Relative humidity %	Dew point °C	Water weight in dry air g/kg
0	20	50	9.3	7.3
1	16	80	12.6	9.1
2	22	65	15.2	10.8
3	25	60	16.7	12
4	30	55	20	14.8
5	40	40	23.9	18.8
6	27	70	21	15.8
7	35	75	30	27.3

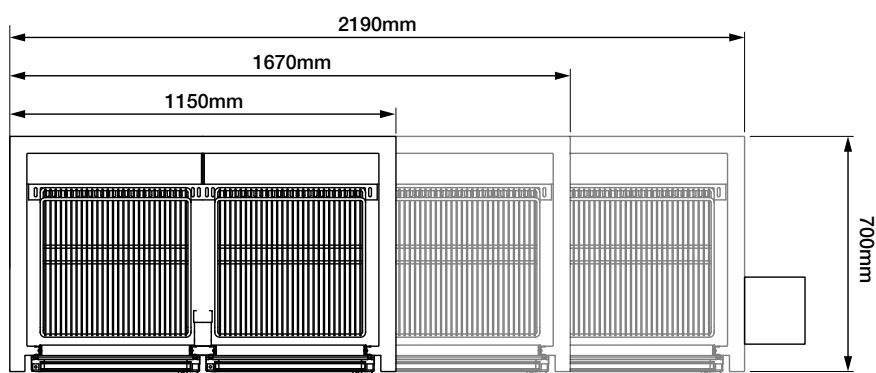
M-PACKAGE TEMPERATURE CLASSES			
Class	The highest temperature 0ah of the warmest M-package equal to or lower than °C	The lowest temperature 0b of the coldest M-package equal to or higher than °C	The lowest temperature 0al of the warmest M-package equal to or lower than °C
L1	20	N/A	-18
L2	16	N/A	-18
L3	22	N/A	-15
M1	25	-1	N/A
M2	30	-1	N/A
H1		+1	N/A
H2	40	-1	N/A
S	Special Classification		
Note these 'Classifications' should not be confused with Cabinet "Types" used for MEPS registration e.g. HC1-6, VC1-4, YC1-4 or HF1-6, VF1-4 or YF1-4			

Technical Specifications

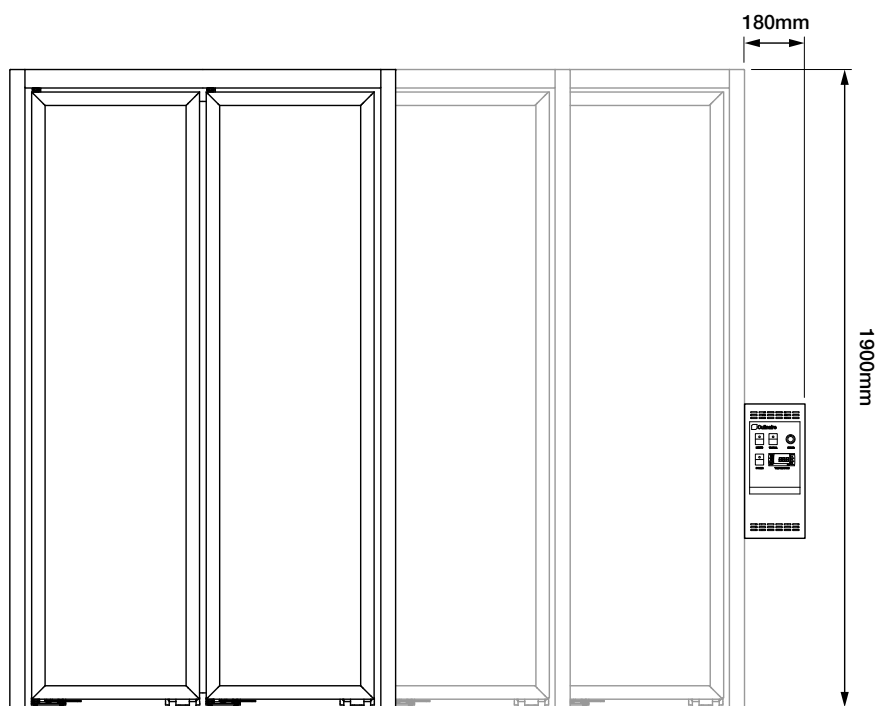
Code	Explanation
CR	= Culinaire Refrigerated
WDW	= Wine Display - White Wine
WDR	= Wine Display - Red Wine
V	= Aluminium Framed Glass
FG	= Remote Control Box
RB	= Remote Service Compartment
PC	= Powder Coated
L	= Left Hand Services (Add L to product code eg. CR.WDW.V.FG. RBL .3)

CR.WDW.FG.RB.x / CR.WDR.FG.RB.x

SPECIFICATIONS			
Model	CR.WDW.V.FG.RB.2 / CR.WDW.V.FG.RB.PC.2 CR.WDR.V.FG.RB.2 / CR.WDR.V.FG.RB.PC.2	CR.WDW.V.FG.RB.3 / CR.WDW.V.FG.RB.PC.3 CR.WDR.V.FG.RB.3 / CR.WDR.V.FG.RB.PC.3	CR.WDW.V.FG.RB.4 / CR.WDW.V.FG.RB.PC.4 CR.WDR.V.FG.RB.4 / CR.WDR.V.FG.RB.PC.4
Width	1150mm	1670mm	2190mm
Depth	700mm	700mm	700mm
Height	1900mm	1900mm	1900mm
Voltage / Frequency	240V / 50Hz	240V / 50Hz	240V / 50Hz
Power (kW)	0.4kW	0.6kW	0.9kW
Connection	1Ø + N + E	1Ø + N + E	1Ø + N + E
Gas Type	R404A	R404A	R404A
Refrigeration Systems	Remote 1243W -10°C SST	Remote 1922W -10°C SST	Remote 2563W -10°C SST
Temperature Range	WDW +7°C / WDR +17°C	WDW +7°C / WDR +17°C	WDW +7°C / WDR +17°C

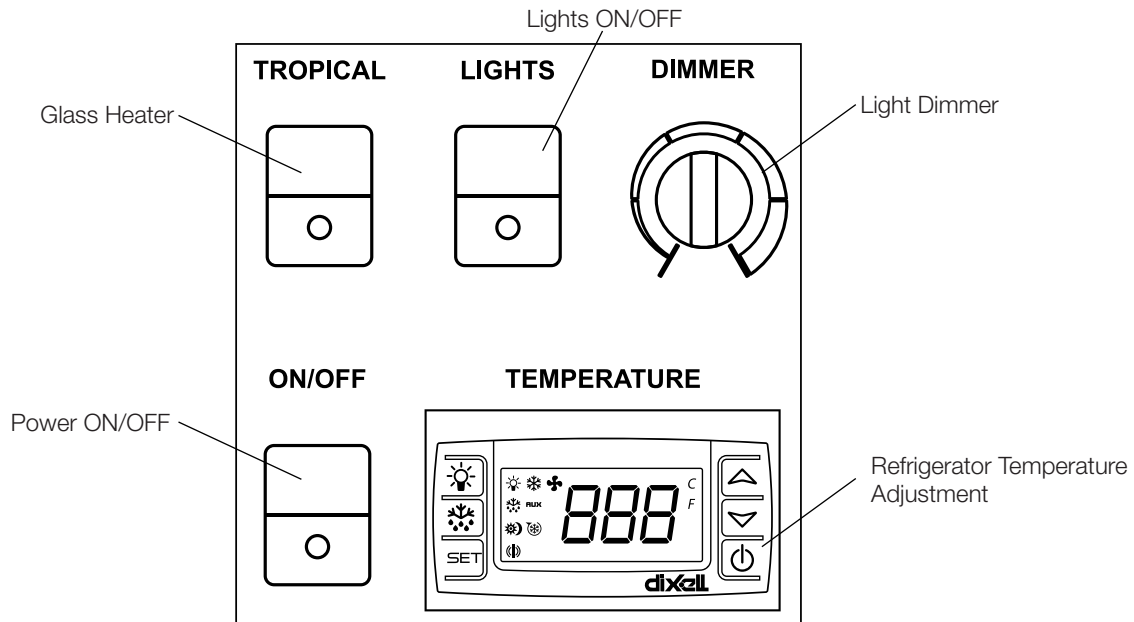


TOP VIEW



FRONT VIEW

Control Panel



Initial Start-up & Operation

	IMPORTANT
	<p>This unit is not designed to cool down products, it only maintains them at the regulated +7°C / +17°C serving temperature.</p>

Initial Start Up

- Before switching ON the unit, ensure the unit is installed correctly
- Ensure the power supply to the remote refrigeration unit is turned on (unit located in the furniture room - basement level)
- Once switched ON, check that the air is flowing within the unit. Check the lights are working
- After 45 minutes check the unit temperature has reached +7 (WDW) / +17°C (WDR)
- Leave the unit to operate for 1-2 hours to remove any fumes or odours
- Let the unit cool then clean the whole unit, including the shelves, before placing in product

Operation

- Ensure the unit is maintaining a temperature of 17°C
- Unit is loaded via the glass doors. Ensure the doors are CLOSED when not loading to maintain the temperature
- All products MUST be displayed on the shelves
- If a warm product is introduced, there could be some delay before the temperature falls to the normal operating level
Placing warm items in the unit can lead to spoilage
- The temperature displayed on the electronic controller is the air temperature NOT the product temperature
- Lights should be switched ON when the unit is in use and can be adjusted via the "Dimmer" switch

Loading Restrictions

- Air vents must NOT be covered
- There should NOT be any overhang of products on the shelves
- Remove some products if the shelves are flexing or bending
- Allow air space around all products for even cooling and efficient operation of the refrigerator

Defrost Cycle

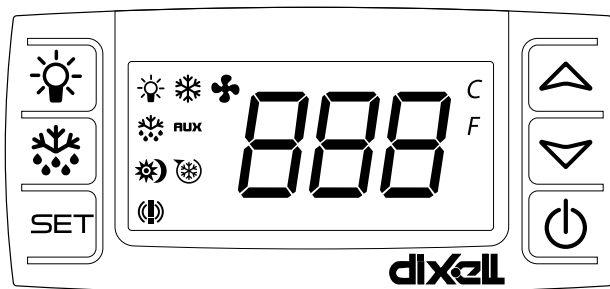
- The system has an automatic defrost system which improves the energy efficiency of the unit and minimises temperature fluctuations
- After the unit is first switched ON the first defrost cycle will occur automatically after 3 hours. If the unit is NOT turned OFF, the unit will defrost automatically 8 times per day or every 3 hours
- If air is not circulating properly a manual defrost cycle can be made. Normal automatic defrost cycles will still occur every 3 hours even if a manual cycle has been run in between cycles. Check the electronic controller section for more information
- The defrost cycle terminates when the temperature of the evaporator coil rises to 6°C or after 30 minutes. Products will remain refrigerated during defrost cycle if the doors remain closed
- For changing of defrost cycle settings, contact Stoddart or an approved service technician

After Service - Information

- The refrigeration section should NOT be turned OFF after service
- The unit will maintain a default temperature after service for instant use the next day. Switch OFF lights and door heaters to minimise power. Ensure all doors are closed

Temperature Adjustment

- The “Refrigerator” temperature is set to +7°C (WDW) / +17°C (WDR). How to set the temperature is shown below
- Different modes require different temperatures
- The temperature probe only measures the temperature of the water/air, NOT the food temperature



KEY FUNCTIONS:

SET	To display target set point; in programming mode it selects a parameter or confirm an operation.
❄️ (DEF)	To start a manual defrost.
⬆️ (UP)	To see the maximum stored temperature; in programming mode it browses the parameter codes or increases the displayed value.
⬇️ (DOWN)	To see the minimum stored temperature; in programming mode it browses the parameter codes or increases the displayed value.
⏻	To switch the instrument off, if onF = oFF.
💡	Not Enabled.

KEY COMBINATIONS:

⬆️ + ⬇️	To lock and unlock the keyboard.
SET + ⬇️	To enter in programming mode. (Contact the Stoddart Service Department on 1300 307 289)
SET + ⬆️	To return to the room temperature display.

HOW TO SEE THE SET POINT:



1. Push and immediately release the **SET** key, the display will show the Set point value;
2. Push and immediately release the **SET** key or wait 5 seconds to display the probe value again.

HOW TO CHANGE THE SET POINT:

1. Push the **SET** key for more than 2 seconds to change the Set point value;
2. The value of the set point will be displayed and the “°C” or “°F” LED starts blinking;
3. To change the set point value push the ⬆️ or ⬇️ arrows within 10 seconds.
4. To memorise the new set point value push the **SET** key again or wait 10 seconds.

Cleaning

General Information




- Cleaning is recommended for health and safety purposes and to prolong the life of the unit
- Do NOT use abrasive pads or cleaners on the stainless steel or any other metal parts of the unit
- Do NOT use industrial chemical cleaners, caustic based cleaners or bleaches and bleaching agents, many will damage the metals and plastics used on this unit
- When drying, metal surfaces should be wiped with a soft cloth in the same direction as grained polish
- Do NOT remove any screws for cleaning. All internal sections of the unit are to be cleaned by a qualified technician
- This unit is NOT waterproof, do NOT hose, do NOT pour water directly onto the unit, do NOT immerse in water

Corrosion Protection

- Stainless steel exhibits good resistance to corrosion however, if not properly maintained stainless steel can rust and/or corrode
- Any sign of mild rust and/or corrosion should be thoroughly cleaned with warm soapy water and dried as soon as possible
- NEVER use abrasive pads or cleaners for cleaning
- All metal surfaces should be checked while cleaning for damage, scuffs or scrapes as these can lead to rust and further damage to the product
- Mild rust and/or corrosion can be treated with a commercial cleaning agent that contains citric/oxalic/nitric/phosphoric acid. Do NOT use cleaning agents with chlorides or other harsh chemicals as this can cause corrosion. After treatment, wash with warm (not hot) soapy water and dry thoroughly
- Thoroughly wipe the surfaces dry after cleaning and do NOT let water pool on the unit. Check crevices and folds for pooling
- When using, ensure all liquids and moisture is cleaned up straight away. Food liquids such as juices from vegetables and fruits should NOT be left on preparation surfaces
- Do NOT leave items on the stainless steel such as cutting boards, rubber mats and bottles

Surface Finish

- To protect the polish, stainless steel should be dried by wiping a dry soft cloth in the same direction as grained polish
- For NON-food contact surfaces, a light oil can be wiped on the surfaces with a cloth to enhance the stainless steel surface. Wipe in the direction of the grain
- Some commercial stainless stain cleaners can leave residue or film on the metal; this may trap fine particles of food on the surface, thus deeming the surfaces not food safe

	WARNING This unit is NOT waterproof, do NOT hose. DO NOT pour water directly onto the unit. DO NOT immerse in water
	IMPORTANT Some commercial stainless stain cleaners leave residue or film on the metal that may entrap fine particles of food, thus deeming the surface not FOOD SAFE .
	CAUTION This unit includes refrigeration components. Cold surfaces can burn DO NOT touch these surfaces



Cleaning Schedule

- Daily cleaning is required for the unit. This will help to maintain and prolong the efficiency of your unit
- The unit should be cleaned at the end of each work day

Materials Required

- Non Abrasive Cleaning pad
- Clean Sanitised Cloth
- Paper Towel
- Container of warm water
- Appropriate PPE (Personal Protective Equipment)

Refrigerator

1. Isolate the unit from the power supply
2. Remove metal shelves/racks/vent covers and wash separately in a dishwasher or kitchen sink, thoroughly wipe dry after cleaning, DO NOT allow to air dry
3. Using a good quality nylon brush remove crumbs and small food items
4. Clean the refrigerator section using a clean cloth dampened (not wet) with clean warm soapy water until all soil has been removed
5. Thoroughly wipe dry with a soft cloth after cleaning, do NOT allow to air dry. Do NOT let water pool, check crevices and folds

Doors

1. Isolate from the power supply
2. No organic solvent cleaners should be used on the mirrored glass
3. Clean the glass with a glass cleaner or warm (not hot) soapy water, and a sponge, wiping dry with a squeegee is best
4. Door frames should be cleaned as any other stainless steel or metal surface
5. Doors seals should be checked for cracks before cleaning
6. Clean using a clean cloth dampened (not wet) with clean warm soapy water until all soil has been removed
7. Thoroughly wipe dry with a soft cloth after cleaning, do NOT allow to air dry. Do NOT let water pool, check crevices and folds

External Surfaces

1. Isolate from the power supply
2. Using a clean cloth dampened (not wet) with clean warm soapy water until all soil has been removed
3. Using a clean sanitised cloth, thoroughly wipe the stainless steel and metal parts dry. Do NOT let water pool on the unit. Check crevices and folds

Ventilation Panels

1. Use a vacuum to remove dust and debris from all the ventilation panels
2. Do NOT use water or a hose to remove dust or debris

Troubleshooting

- If any faults/issues occur with the unit, follow the below troubleshooting procedures
- If the troubleshooting procedures do not correct the problem, contact the Stoddart Service Department

	WARNING
	<p>Technician tasks are only to be completed by qualified service people. Check faults before calling service technician.</p>

(O) = Operator
(T) = Technician Task

Problem	Possible Causes	Task	Possible Corrective Action
Unit does not operate/start	The mains isolating switch on the wall, circuit breaker or fuses are OFF at the power board	O	Turn isolating switch, circuit breaker or fuses ON
	The main switch of the unit is OFF	O	Turn the main switch ON
	Condenser unit is OFF	O	Turn ON condenser unit
	Electrical wiring damaged	T	Replace / Fix electrical wiring
	Condenser unit broken	T	Replace / Fix refrigeration unit
	Faulty electronic controller	T	Replace controller
	Main circuit board is hot	T	Replace / Fix circuit board
Unit is too warm	Refrigeration circuit board(s) is hot	T	Replace / Fix circuit board(s)
	Ambient air entering the units	O	Move away from air flow
	Exhaust fan above the unit	O	Move unit / exhaust fan
	Baffle fully closed	O	Open baffle
	Warm items in unit	O	Pre-chill / Remove items / Wait 30min for items to chill
	Air not circulating	O	Remove some items / Clear air vents/Grills
	Too many items in the unit (overloaded)	O	Remove some items
	Items obstructing air vents / grills	O	Re-position items
	Defrost cycle is ON / just finished	O	Wait 30min for cabinet to cool
	Evaporator coil fins blocked	O/T	Clean fins / Run defrost cycle
	Evaporator coil iced up	T	Adjust defrost cycle to match environment / Remove warm items / Fix or replace door seals
	Temperature probe broken / disabled	T	Replace / Enable probe
	Set point temperature too high	T	Adjust the set point temperature
	Temperature probe damaged	T	Replace temperature probe
	Evaporator fans not operating	T	Replace / Fix fans
	Condenser unit overloaded (remote units)	T	Replace with bigger condenser unit / Remove some refrigerator units from the condenser unit
	Condenser coil blocked (remote units)	T	Remove dust and debris
	Undercharge/Overcharge of refrigerant	T	Add/remove refrigerant
	Faulty electronic controller	T	Replace controller
	Set point too low	T	Adjust set point temperature
Unit is too cold	Direct sunlight	O	Block sunlight, window tinting/shades
	Temperature probe broken/disabled	T	Replace / Enable probe
	Faulty electronic controller	T	Replace controller
	Continuous cycle setting ON (integral units)	T	Turn OFF continuous cycle)

[illegible]

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This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



Australia

Service / Spare Parts

Tel: 1300 307 289

Email: service@stoddart.com.au

Email: spares@stoddart.com.au

Sales

Tel: 1300 79 1954

Email: sales@stoddart.com.au

www.stoddart.com.au

Australian Business Number: 16009690251

New Zealand

Service / Spare Parts

Tel: 0800 935 714

Email: service@stoddart.co.nz

Email: spares@stoddart.co.nz

Sales

Tel: 0800 79 1954

Email: sales@stoddart.co.nz

www.stoddart.co.nz

New Zealand Business Number: 6837694

International

Service / Spare Parts

Tel: +617 3440 7600

Email: service@stoddart.com.au

Email: spares@stoddart.com.au

Sales

Tel: +617 3440 7600

Email: sales@stoddart.com.au

www.stoddart.com.au