

**SHAMROCK** 

by

**Austwide**  
sales and rentals pty ltd

# USER MANUAL

**AFS400 FREEZER**

**AFS85 FREEZER**



***PLEASE READ THE MANUAL THOROUGHLY PROIR TO  
EQUIPMENT SET-UP, OPERATION AND MAINTENANCE.***

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## INSTALLATION

- The refrigeration system operates most efficiently when installed in an area with cool, dry air circulation.
- There must be at least 150mm clearance on both sides and back of the cabinet.
- Select a location away from any heat and moisture generating equipment such as stoves, ovens, etc.
- Avoid direct sun light.
- Be sure that the floor where you install the unit is strong and level enough to support the weight of the unit and its' contents
- To minimise shock and fire hazards, be sure that the unit is properly grounded. For your protection, all units are equipped with a special three-prong grounding plug on the service cord.
- All units designed for indoor use. Outdoor use may cause significant damage to the unit.

## PRECAUTIONS

- To minimise shock and fire hazards, be sure not to overload the electrical outlet. It is not recommended to use double adaptors
- To minimise electrical shock and malfunction, do not spray the unit with water.
- To minimize fire hazards, do not use flammable spray products near the unit.
- After unplugging the unit from power supply wait 6 minutes before re-plugging it. It may cause compressor failure if plugged in before 6 minutes waiting period.
- Cautions for cleaning:
  - \* Unplugg the power cord before cleaning.
  - \* Do not unplug/plug the power cord with wet hands.
  - \* Do not use an abrasive cleaners, solvents or polishing agents on plastic parts. Doing so might cause cracking or discolouring.
- When the unit is not in use:
  - \* Unplug the power cord
  - \* Wipe inside with a dry cloth, and you should leave the door slightly open to eliminate moisture and odour.

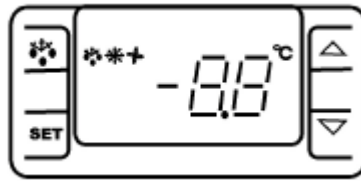
## OPERATION AND MAINTENANCE

- When loading the unit:
  - \* Be careful not to block the air duct located at the back and the fan on the ceiling of the unit with contents.
  - \* Blocking the air flow will cause decreased performance.
  - \* For the best performance, maintain at least 100mm of clearance between the contents and the air duct.
- Adjust the supplied shelves to best suit your needs
- Temperature controller:
  - \* The Temperature is set at -15 by default. Adjust according to your requirements.
- Do not leave the unit door open for long period of time. For the most efficient operation, close the door immediately after the use..

## Thermostat

The thermostat is placed in the control panel, see fig. 2.0.

Fig. 2.0



The thermostat has been pre-set and in most cases it is not necessary to adjust the settings.

When turning on the cabinet the display will show the current temperature in the cabinet.

### Display set temperature:



Press this key and the display will show the set temperature. Press the key again to return to normal reading

### Set new temperature:



Press this key continuously for more than 3 seconds and the display shows the set temperature.



Press this key to increase the set temperature.



Press this key to lower the set temperature.



Press this key to save the new settings. The display will flash with the new value and will then return to normal reading.

### Alarm codes:

'P1' Flashing in the display: indicates that the cabinet sensor is defective.

The cabinet will strive to keep the set temperature until it has been repaired.

'P2' Flashing in the display: indicates that the evaporator sensor is defective.

This does not influence the operation of the cabinet, but should be repaired as soon as possible.

## Defrosting

The cabinet defrosts automatically with pre-set intervals. If the door to the cabinet is opened or the contents of the cabinet is changed frequently it may become necessary to defrost the cabinet manually.



Pressing this key continuously for more than 3 seconds will start a manual defrosting and then return to normal operation.

Defrosted water runs to a container placed in the compressor compartment and evaporates.

## **Maintenance and cleaning**

- Switch the cooler off at the socket and unplug.
- The cabinet must be periodically cleaned. Clean the external and internal surfaces of the cabinet with a light soap solution and subsequently wipe dry.
- Do NOT use cleansers containing chlorine or other harsh cleansers, as these can damage the stainless steel surfaces and the internal cooling system.
- Clean the condenser and the compressor compartment using a vacuum cleaner and a stiff brush.
- Do NOT hose the compressor compartment with water as this can cause short circuits and damage on the electrical parts.

## **Service**

The cooling system is a hermetically sealed system and does not require supervision, only cleaning.

If the cabinet fails to cool, check the trouble shooting guide.

If you cannot locate the reason to the failure of the cabinet, please contact your supplier. Please inform model and serial number of the cabinet. You can find this information on the rating label which is placed inside the cabinet in the top right hand side.

## **Disposal**

Disposal of the cabinet must take place in an environmentally correct way. Please note existing regulation on disposal. There may be special requirements and conditions which must be observed.



## TROUBLE SHOOTING GUIDE

SYMPTOMS	REMEDY
Compressor will not start	<ul style="list-style-type: none"> <li>• Heck the power cord has been plugged in.</li> <li>• Check the power outlet with another appliance.</li> <li>• Check for blown fuse.</li> </ul>
Poor Performance	<ul style="list-style-type: none"> <li>• Move the unit from direct sun light, and avoid installing heating devices near the unit.</li> <li>• Install the unit in a well ventilated place with a minimum of 150mm clearance in the back.</li> <li>• Check the condenser and clean is dust is present.</li> <li>• Check to see if contents are block good air circulation.</li> <li>• Check the temperature controller for possible incorrect temperature setting.</li> <li>• Make sure the doors are completely closed.</li> </ul>
No Interior Light	<ul style="list-style-type: none"> <li>• Turn off light switch and turn on again</li> <li>• Make sure the bulb is correctly inserted into the socket.</li> <li>• Check the bulb and replace if it is blown</li> </ul>
Unit Noisy	<ul style="list-style-type: none"> <li>• Make sure to install the unit on a level surface.</li> <li>• Make sure to maintain the minimum clearance of 150 mm from wall.</li> <li>• Check loose parts or mounting.</li> <li>• Make sure the tubing is free from any contact to avoid</li> </ul>
Condensation on cabinet and or floor	<ul style="list-style-type: none"> <li>• Reduce the relative humidity in the area where the unit is installed</li> <li>• Gasket in door or head section is not sealing properly. Repair or replace gasket as necessary.</li> </ul>

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