



BLUELINE UPRIGHT REFRIGERATOR AND FREEZERS



MANUAL OF INSTRUCTIONS FOR USE AND INSTALLATION

Pentland
Wholesale Ltd



Blue Line ———

Upright Refrigerators & Freezers

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1. Technical Specifications

| MODEL | DIMS (H x W x D) | CAPACITY Ltr | FAN ASSISTED | TEMP RANGE °C | GAS | SUPPLY | NET WEIGHT | GROSS WEIGHT |
|--------|---------------------|-----------------|-----------------|------------------|-------|-----------|---------------|-----------------|
| H200WH | 832 x 593 x 620 | 170 | Yes | 0 to +8 | R600 | 220v/50Hz | 46 | 50 |
| H200SS | 832 x 593 x 620 | 170 | Yes | 0 to +8 | R600 | 220v/50Hz | 46 | 50 |
| L200WH | 832 x 593 x 620 | 170 | Yes | -18 to -24 | R600 | 220v/50Hz | 47 | 51 |
| L200SS | 832 x 593 x 620 | 170 | Yes | -18 to -24 | R600 | 220v/50Hz | 47 | 51 |
| H400WH | 1840 x 600 x640 | 380 | Yes | 0 to +8 | R600 | 220v/50Hz | 90 | 95 |
| H400SS | 1840 x 600 x640 | 380 | Yes | 0 to +8 | R600 | 220v/50Hz | 90 | 95 |
| L400WH | 1840 x 600 x640 | 380 | Yes | -18 to -24 | R134A | 220v/50Hz | 93 | 98 |
| L400SS | 1840 x 600 x640 | 380 | Yes | -18 to -24 | R134A | 220v/50Hz | 93 | 98 |
| H600WH | 1885 x 775 x 720 | 590 | Yes | 0 to +8 | R600 | 220v/50Hz | 101 | 110 |
| H600SS | 1885 x 775 x 720 | 590 | Yes | 0 to +8 | R600 | 220v/50Hz | 101 | 110 |
| L600WH | 1885 x 775 x 720 | 590 | Yes | -18 to -24 | R134A | 220v/50Hz | 105 | 114 |
| L600SS | 1885 x 775 x 720 | 590 | Yes | -18 to -24 | R134A | 220v/50Hz | 105 | 114 |

2. Basic Features

Blueline Digital Thermostat - The BLUELINE controller has been programmed with algorithms to reduce the amount of starts the compressor needs to make in relation to it's usage. Most electrical energy is used on a refrigerated cabinet when a compressor starts so by reducing the number of starts it reduces the energy usage. This does not affect the storage temperature of the product

Environmentally friendly and Functional Design – Cabinets are manufactured using environmentally friendly technology. Insulation is made of Cyclopentan. The reversible door also has an ergonomic easy-grip handle

Door Lock – All models are equipped with a door lock, ensuring that stocks stay safe after closing

Strength – The powerful refrigeration system is designed to withstand heavy day-to-day loads. During peak loading, when other refrigerators would give up, the correct temperature is kept stable throughout the cabinet

Easy Cleaning – The inside walls of the cabinet are made of moulded plastic, making them easy to clean

Removable Gaskets – The door gasket keeps in the cold, for cleaning, it is easy to remove with the need for tools – simple and hygienic

Robust Stable Wire Shelves – In refrigerators, the heavy duty movable wire shelves are mounted in U-shaped rails moulded into the plastic walls. The rails prevent the shelves from tilting when pulled out

3. Location and Installation

The cabinet should be placed in a room that is dry and sufficiently ventilated. To operate efficiently it should not be positioned in direct sunlight or near warm appliances. Please note that optimal cabinet performance is attained at an ambient operating temperature between +16 to +35°C.

By placing the cabinet in an environment with high air humidity, it may be necessary to acquire extra equipment for evaporation of the drip water in the pan near the compressor. The cabinet can be installed freestanding against a wall.

Important – The cabinet must have sufficient ventilation and free air circulation beneath, above and behind the cabinet and the spacers at the rear of the cabinet will help ensure sufficient air space.

4. Power Requirements

The cabinet is intended for connection to an alternating current. The connection voltage (V) and the frequency (Hz) are shown on the name plate in the cabinet. The power connection is made by using a three pin plug to a wall socket.

Any requirement for earthing from the local power supply must be met. The cabinet plug and wall socket should then give a correct earthing. If you're in doubt contact your supplier in the first instance.

WARNING – THE APPLIANCE MUST BE EARTHED

The flexible cord fitted to this appliance has three cores for use with a 3-pin 13 amp plug. If a B.B 1363 (13amp) fused plug is used, it should be fitted with a 13amp fuse or a moulded right-angled Schuko plug. Note the plate with a hole in it between and above the two pins – this connects to French and Belgian sockets, which have an earth pin that sticks out. Running in a slot coming from that plate is a continuation strip from the plate. Other European countries use a socket with a scrolled metal connector emerging from the side which mates with that strip. This ensures that the Schuko can be used in most mainland European countries.

Important: The wires in this mains lead are coloured in accordance with the following code:

Green & Yellow – Earth

Blue – Neutral

Brown – Live

5. Starting Up

Plug in the cabinet, after a short while the digital display will show the actual cabinet temperature

6. Temperature Setting

The digital **Blueline** controller is programmed in such a way that the thermostat automatically maintains the appropriate temperature inside the cabinet. This temperature control is gauged by the factory and should NOT be touched by the user, only if the internal temperature is too warm or too cold should the buttons be pressed.

7. Defrosting

The refrigerator models have automatic defrost, however the Static Freezer model will require a manual defrost, when the ice gets over 5mm thick on the shelves. This involves disconnecting the unit from the power supply, moving products to alternative storage, when defrosting allow provision to collect water which will form in the bottom. Once fully defrosted wipe clean and dry interior before switching back on.

8. Changing the Door Hinge

The door can be changed from right handed to left handed hinged, or vice versa, to do so, follow the instructions below:

- Switch off power at the mains socket, remove the top panel and disconnect the multiplug inside
- Remove the hinge pin and lift off the door
- Move hinge from one side to the other
- Move the handle from one side to the other
- Place the door in the hinge on the desired side. Insert hinge pin in the hinge and in the door hinge bush. Fasten the hinge
- Connect the multiplug to the panel and fasten the panel. Resume power to the cabinet

9. Troubleshooting

| FAULT | PROBABLE CAUSE | ACTION |
|---|--|---|
| The appliance is not working | Not switched on | Check switched on |
| | Plug and/or lead damaged | Contact supplier or qualified technician |
| | Fuse has blown | Replace the fuse |
| | Power supply | Check power supply |
| | Internal wiring fault | Contact supplier or qualified technician |
| The appliance turns on but the temperature is too High/Low | Ice on the condenser | Defrost the appliance |
| | Condenser blocked with dust | Clean condenser |
| | Doors are not shut properly | Ensure doors are sealed |
| | Appliance is located near a heat source, or condenser airflow is blocked | Move to a more suitable location |
| | Unsuitable foodstuffs are being stored | Remove any excessive hot foodstuff and blockages to the fan |
| | Appliance is over loaded | Reduce the amount of food stored in the appliance |
| The appliance is leaking water | The appliance isn't properly levelled | Use the feet to level appliance |
| | The discharge outlet is blocked | Clear the discharge outlet |
| | The water container is damaged | Contact your supplier or suitably qualified technician |
| | The drip tray is overflowing | Empty drip tray |
| | Movement of water to the drain is obstructed | Clear the floor of the appliance |
| The appliance is unusually loud | The frame has become loose | Check and tighten all nuts and screws |
| | The appliance has not been installed in a level or stable position | Check installation position and change if necessary |

10. Cleaning

Before cleaning, switch the cabinet off at the mains!

The cabinet should be kept clean by using a mild soap solution. Do not use abrasive cleansers. The plastic parts cannot withstand boiling water (max temperature +85°C)

When regular cleaning is performed, be sure to wipe clean the rubber door gasket to ensure any sticky substances are removed that would otherwise damage the gasket.

The condenser fan air outlet must be free of any obstructions such as leaves, paper etc to ensure optimum performance of the cabinet.

The condenser on the back of the cabinet must be regularly cleaned as well, this is best done with a soft brush and vacuum cleaner.

11. Disposal

If the cabinet is no longer of use and you wish to dispose of it, please do so in an environmentally friendly way and with regards to local regulations on the disposal of such products.