

SC400

SERENE Single Door Vertical Chiller



serene[®]

from SKOPE



SKOPE Warranty Protection

Register now for peace of mind

It's quick and simple. Take a few minutes to register your SKOPE product and enjoy more efficient support plus other warranty benefits. When registering, make sure you have your cabinet serial number at hand.

To register online:

Visit our website at www.skope.com/warrantyprotection then complete and submit the online registration form.



Or freephone:

1800 121 535 (Australia)

0800 947 5673 (New Zealand)

SKOPE 1-year Extended Warranty

Extend your Warranty Protection by 1 year during registration. Please check you have not already organised an extended warranty through your dealer at time of purchase. For pricing information on an extended warranty visit www.skope.com/warrantyprotection

Service & Support

We know you will get years of satisfaction from your new SKOPE product when you follow a few simple preventative maintenance guidelines.

Helpful information is available on our website www.skope.com/serviceandsupport



Thank you for purchasing a SKOPE refrigeration product.

CONTENTS

1 Installation	
Safety First	4
Positioning the Chiller	5
Climate Class	5
Location	5
Ventilation	5
Power Cord	5
Stabiliser Feet	5
Setting Up the Chiller	6
Unpacking	6
Shelves	6
2 Operation	
Temperature Adjustment	7
Refrigeration Switch	7
Light Switch	8
Door Lock	8
Initial Start-Up	9
Loading Product	9
3 Maintenance	
Cleaning	10
Cabinet	10
Condenser Coil	10
Lighting	10
Troubleshooting	11

1 Installation

Safety First Always observe safety precautions when using any electrical appliance. Read these instructions carefully and retain them for future reference.

- When the appliance is used by or near young children or infirm persons, close supervision is necessary, especially to ensure children do not play with it.
- Do **not** use this appliance for other than its intended use.
- Do **not** cover the grilles or block the entry or exhaust of airflow by placing objects up against the refrigeration system.
- Do **not** probe any opening.
- Only use this appliance with the voltage specified on the cabinet rating label affixed to the cabinet interior.
- Ensure the appliance has adequate ventilation as this is essential to economical, high performance.
- Be careful not to touch moving parts and hot surfaces.
- For your own safety and that of others, ensure that all electrical work is done by authorised personnel.
- If the power supply flexible cord becomes damaged, it must be replaced by an authorised service agent or similarly qualified person in order to avoid a hazard.
- The appliance is not designed to be stable while in motion. Use extreme caution when moving or transporting it.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Please contact SKOPE Customer Services for advice regarding disposal of this appliance.

CAUTION

Never overload the power supply, which could damage the chiller and product. See the rating label inside the cabinet for the safe power supply and current draw.

WARNING

Always disconnect the chiller from the mains power supply before cleaning or maintenance.

Positioning the Chiller

Climate Class This chiller is designed to operate within a climate class 4 environment (30°C @ 55% RH).

Location The location of the chiller may be the single most important decision that will extend its life and ensure economical, high performance. Select a suitable location for the chiller away from direct sunlight and heat sources.

Allow adequate space for the door/s to open and close properly. Self-closing doors have internal torsion bars pretensioned at the factory.

Ensure the cabinet sits on a level surface so that the door shuts and correctly seals, and that the doors are unobstructed. Level footing also prevents the condensate tray from overflowing.

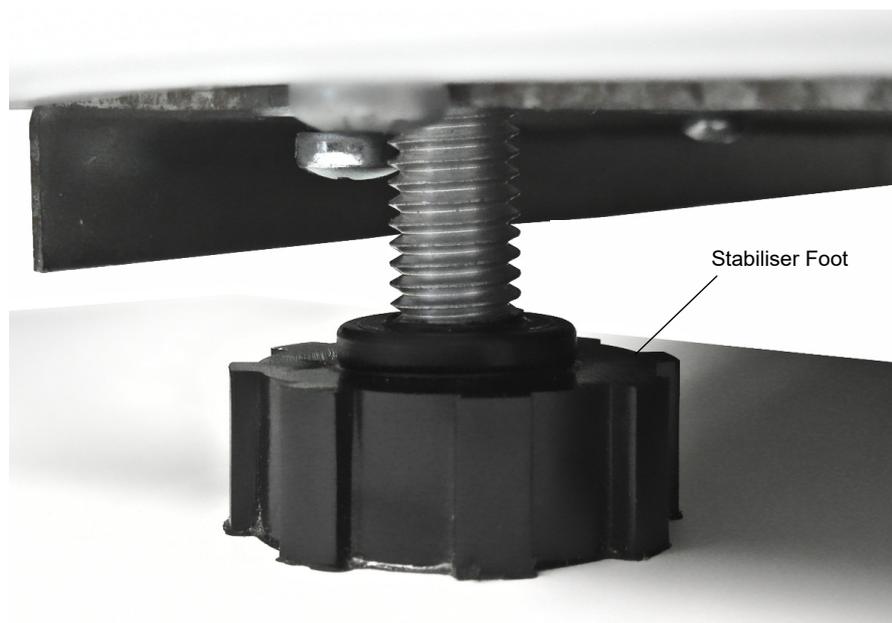
Ventilation Ensure adequate ventilation is provided around the chiller. The chiller should not be recessed or enclosed in a cabinet, it is designed for free standing installation only. A 100mm gap must be left behind the cabinet.

CAUTION

To prevent over heating and conserve energy, ensure air flows freely all around the chiller. There **MUST** be a minimum 100mm gap behind the chiller.

Power Cord The chiller is fitted with a 2.3m flexible power cord with a 3-pin plug, which exits the rear of the refrigeration system. Pull the power cord around so that it's not trapped before you position the chiller.

Stabiliser Feet Adjust the front stabiliser feet (see image below) to ensure the chiller sits firmly on a level surface so that the door shuts and correctly seals. Turn anti-clockwise to raise and clockwise to lower the stabiliser feet.



Setting Up the Chiller

Unpacking Remove all packaging material from the inside and outside of the chiller, including the foam base and all adhesive tape holding the cabinet shelves and accessories.

Shelves The chiller is supplied with four wire shelves which may be positioned at different heights to suit various products. Each shelf is held in place with four shelf clips which engage in the shelf support strips.

To fit the cabinet shelves

1. Unpack the shelves, shelf clips and ticket strips from inside the cabinet.

2. Clip the ticket strips onto the front upstand on the front of the shelves.



3. Establish the desired position for the shelves and securely engage a shelf clip in each of the shelf support strips.

4. Sit the shelves onto the shelf support clips.
-



2 Operation

Temperature Adjustment

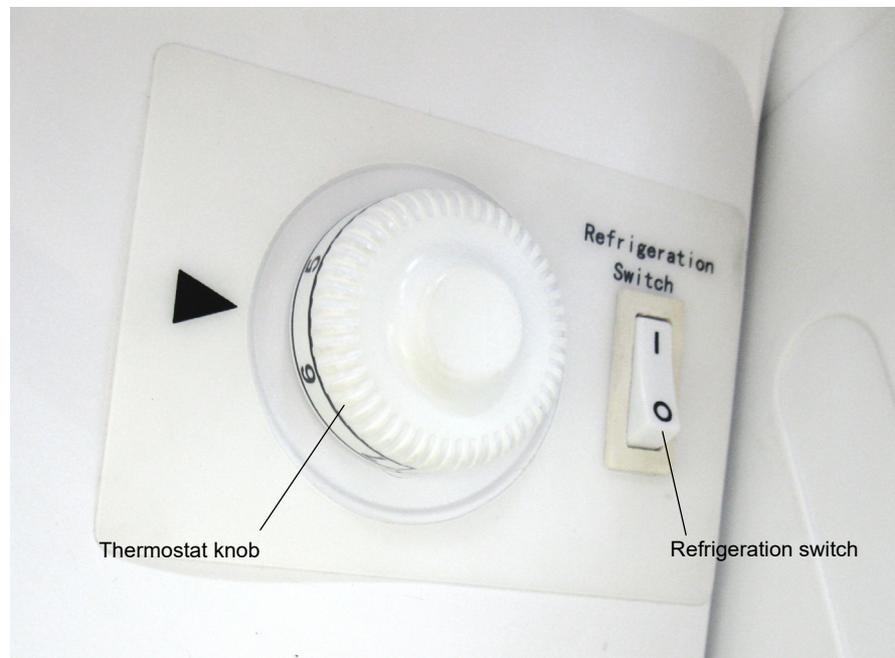
The storage temperature of the chiller is regulated by a thermostat located at the top of the cabinet interior.

The thermostat knob is graduated from 0 through to 7, with 1 being the warmest and 7 being the coldest. The normal temperature controller setting is between 5 and 6.

If further adjustment is required:

- To make colder - turn the thermostat knob clockwise.
- To make warmer - turn the thermostat knob anti-clockwise.

Note: Turning the knob to '0' will switch the cooling system off (fan and lights stay on).



Refrigeration Switch

The cooling system can be switched off and on via the refrigeration switch, located next to the thermostat knob (see image above). When switched off (O), the cooling system does not operate and the cabinet interior is not cooled (fan and lights stay on).

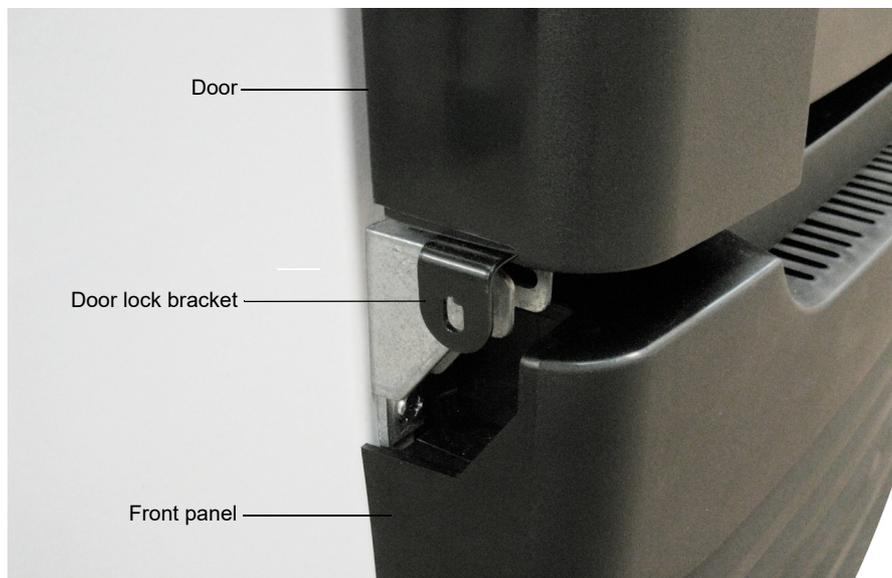
Light Switch

The cabinet interior lights and sign light can be switched on and off using the interior light switch, located above the door. Open the door to access the light switch.



Door Lock

The chiller is supplied with a door lock bracket, located at the bottom of the door, which can be fitted with a lock.



Initial Start-Up

After the chiller has been positioned in a suitable place, plug it in and check the following activity.

Item	Activity
Refrigeration system	The refrigeration system, including the condenser fan, evaporator fan and compressor, starts straight away. If necessary, the refrigeration system can be switched off and on with the refrigeration switch (see "Refrigeration Switch" on page 7).
Lighting	The sign and cabinet interior lights come on straight away. The lights can be switched off and on with the light switch (see "Light Switch" on page 8).

Loading Product

Let the chiller run for three hours before loading it with product the first time. When loading the cabinet shelves with product:

- ▣ Allow adequate air space around each item to ensure even cooling and efficient operation of the chiller.
- ▣ Remove some product if the shelves are flexing. The maximum loading for each shelf is 20kg.
- ▣ Do not let anything overhang the shelves, as this might stop the doors from shutting or even break something.

3 Maintenance

Cleaning

Many commercially available cleaning products contain solvents that may damage the plastic components of the chiller and cause them to crack. Do not use abrasive or corrosive cleaners or boiling water.

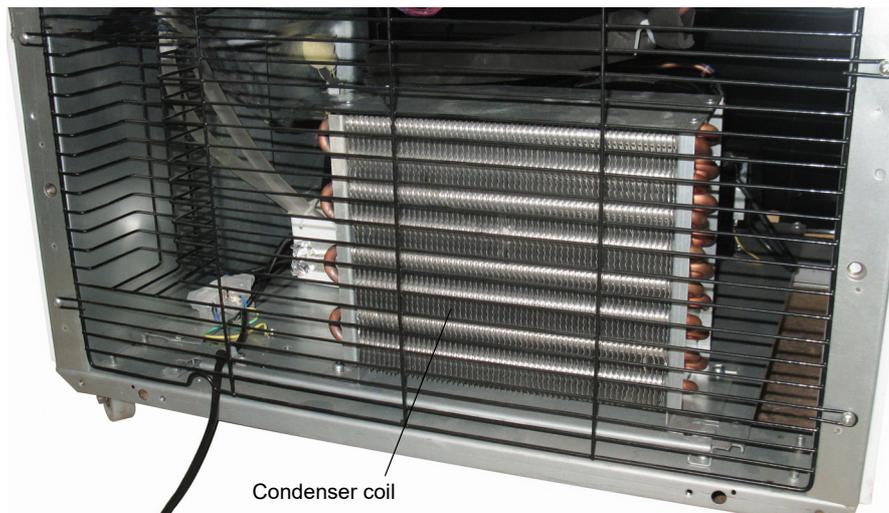
CAUTION

Unplug the chiller from the power supply before cleaning.

Cabinet Wash with warm water and wipe down the chiller with a soft cloth or sponge, then rinse with clean warm water and dry with a soft cloth. The shelves can be lifted up and removed to assist with cleaning. Do **NOT** flush the cabinet with water.

Condenser Coil The condenser coil is located at the back of the cabinet, and **must** be kept clean for efficient and reliable operation of the chiller.

Inspect the condenser coil monthly for build up of dust and fluff, and arrange a service call if the build up is significant. A thorough cleaning is required every six months by qualified service personnel.



Lighting

The cabinet interior and sign are lit by long life LED modules. Should any of the lights fail, contact SKOPE to arrange for an authorised service agent to service the lights.

Troubleshooting

For problems with the chiller refer to the following table.

Problem	Possible Cause	Suggestions
• Chiller not operating.	• Loss of power supply.	• Check mains power supply.
• Lights not on.	• Lights switched off. • Failed LED light.	• Switch lights on (see page 8). • Arrange service call.
• Product is too warm.	• Frequent door opening. • Door not closing properly. • Temperature set too high. • Refrigeration system switched off.	• Limit door openings. • Check and clean door gasket. • Adjust thermostat setting (see page 7). • Turn on refrigeration system (see page 7).
• Chiller runs too frequently.	• High temperature and/or humidity. • Frequent door opening. • Door not closing properly.	• This is normal to maintain constant temperature within the chiller. • Limit door openings. • Check and clean door gasket. • Check chiller is sitting on a level surface.
• Moisture build up on door or exterior.	• High humidity. • Frequent door opening. • Door not closing properly.	• Check ambient operating temperature and reposition chiller if necessary (see page 5). • Limit door openings. • Check and clean door gasket.
• Chiller door does not shut properly.	• Chiller is on an uneven surface. • Door is obstructed. • Door gasket is not set properly.	• Level the chiller. • Check shelves and product. • Check and clean door gasket.

SKOPE Industries Limited

NEW ZEALAND CONTACT

Head Office
PO Box 1091, Christchurch
New Zealand
Freephone: 0800 947 5673
Fax: (03) 983 3896
E-mail: enquiry@skope.co.nz
Website: www.skope.co.nz

AUSTRALIAN CONTACT

A.B.N. 73 374 418 306
PO Box 7543, Baulkham Hills B.C.
NSW 2153, Australia
Freephone: 1800 121 535
Fax: 1800 121 533
E-mail: enquiry@skope.com.au
Website: www.skope.com.au

Trademark Infringement

The SERENE trademark on this product is infringed if the owner, for the time being, does any of the following:

- Applies the trade mark to the product after their state, condition, get-up or packaging has been altered in any manner
- Alters, removes (including part removal) or obliterates (including part obliteration) the trade mark on the product
- Applies any other trade mark to the product
- Adds to the product any written material that is likely to damage the reputation of the trade mark

Notice of the above contractual obligations passes to:

- Successors or assignees of the buyer
- Future owners of the product

SC400
SERENE Single Door Vertical Chiller
User Manual

MAN11102
Rev. 2.2 Jan. 2017

serene[®] is a registered trademark of SKOPE Industries Limited.

© 2015 SKOPE Industries Ltd. All rights reserved.

® SKOPE and the SKOPE logo are registered trade marks of SKOPE Industries Ltd.