



TechNet-21

The Technical Network for
Strengthening Immunization Services

TechNet-21.org

How to use the TechNet-21 CCE (Cold Chain Equipment) area

User Guide

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Introduction

The CCE area offers everything you need to know about WHO PQS-prequalified products. If you're a user in need of information to better use or maintain your products, or if you would like to acquire new cold chain equipment materials, the CCE area provides you with a large database of PQS products installation and maintenance guides, training resources, brochures, videos, photos, as well as product feedback from TechNet members.

In addition, users can share their experience with their PQS products by providing feedback, documents, photos or videos.

1. Accessing the CCE area

Go to www.technet-21.org. Hover your mouse over the "CCE" tab in the main navigation:

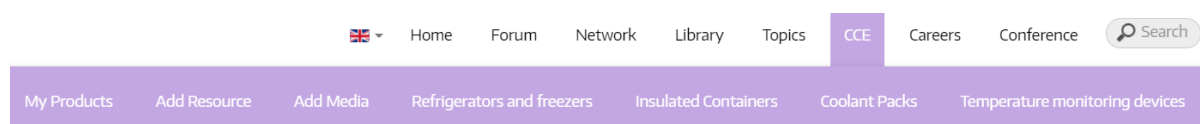


Image 1: CCE navigation

- CCE: Clicking directly on "CCE" will take you to the CCE landing page. You can also use the following link for direct access: <https://www.technet-21.org/en/pqs-cce>
- Hovering over the CCE tab allows you to have direct access to the sub-navigation of the area such as "[My Products](#)", "[Add Resource](#)", "[Add Media](#)" or direct links to all PQS categories (image 1).

2. How to find product information

4.1. Access specific products

You can access specific product pages from:

- The [CCE landing page](#) (from the search engine, PQS categories or latest PQS products).
- [My products page](#) if you have uploaded products.

4.2. PQS category lists

Go to the CCE landing page, click on the category you want to see.



Image 2: PQS category list

For example: “Refrigerators and freezers” (image 5).

Refrigerators and freezers (E003)

Sub-categories

- Non-solar (33)
- Solar + battery (4)
- Solar direct drive (40)

Manufacturer

- AUCMA CO. Ltd. (3)
- B Medical Systems Sarl (16)
- Dulas Ltd (9)
- Godrej & Boyce MFG. Co. Ltd. (9)
- Qingdao Haier Biomedical Co., Ltd (15)
- SunDancer Refrigeration Inc. (2)
- Vestfrost Solutions (18)
- Zero Appliances (Pty) Ltd (7)

Image 3: Category list

You can scroll down and view PQS E003 products. You can also search by sub-category or by company name (image 3, top right hand of the screenshot).

Click the “View details” button in any product box to access its details.

4.3. Product page

Vestfrost Solutions MK 304
Icelined refrigerator
Product owner: A/S Vestfrost

1 [Edit item](#)

Sub-category: Non-solar
PQS No: E003/007
Manufacturer reference name: MK 304
Manufacturer: Vestfrost Solutions
First pre-qualification date: 25-11-2009

2 Resources **5** Details **6** Videos **7** Feedback

4 [Add Resource](#)

Title	Author	Year	Type	Language	Shared by
Ize-lined Refrigerator Model MK 304 user manual	Vestfrost Solutions	2014	User guide	English	Moderator
MK 304 icelined refrigerator product description 3	Vestfrost Solutions	2017	Specification	English	Moderator
Decommissioning and safe disposal of cold chain equipment	UNICEF/WHO	2018	Report	English	Moderator

Image 4: Product page

The product page contains a lot of useful information to help with purchasing decisions, learn how to use, maintain or decommission a product, etc. (image 5).

1. Click on “Edit item” to add pictures of the product if you happen to possess one as a user, or if you’re a manufacturer and would like to provide more pictures.
2. The resource tab allows you to view information of documents related to the product.
3. Click on a title to download and/or consult a document.
4. You can add resources if you have any relevant and useful document that is not already in the CCE area.
5. Click on “Details” to have available information on the product specifications.

Resources	Details	Videos	Feedback
Energy Source	Electric Mains 220-240V 50/60Hz;#1;#Electric Mains 115/60Hz;#2		
External dimensions	84 x 69 x 126 cm		
Lining	Ice-lined		
Refrigerator vaccine storage capacity (litre)	105 L		
Refrigerator's gross volume (litre)	218 L		
Freezer net volume	N/A		
Freezer's gross volume	N/A		
Waterpack freezing capacity	N/A		
Waterpack storage capacity	N/A		
Energy consumption (cool down) KWh/24 h	5.10 kWh/24h		
Energy consumption (stable running, continuous power) KWh/24 h	3.2 kWh/24h		
Energy consumption (stable running, intermittent power) KWh/24h	TBP		
Energy consumption during freezing (KWh/24 h)	N/A		
Hold over time (hours; mn)	25.6		
Minimum rated ambient temperature	+5°C		
Refrigerant type	R134a		
Freeze protection	Not tested		
Climate zone	Multi-zone		
Freezer type	N/A		
Fuel and refrigeration cycle	Electric - compression		
Quality standard	ISO 9001:2008;#ISO 14001;#Other;#DS/OHSAS 18001:2008		
Range of holdover time	26 - 50 hours		
Range vaccine storage capacity	90L - 150L		
Shipping volume	1.02 m3		
Shipping weight	126 kg		
Sub-category	Non-solar		
Type of appliance	Icelined refrigerator		
Performance at:	+43°C		

Image 5: Product details

6. Click on “videos” to add or view relevant and useful YouTube videos related to the product.

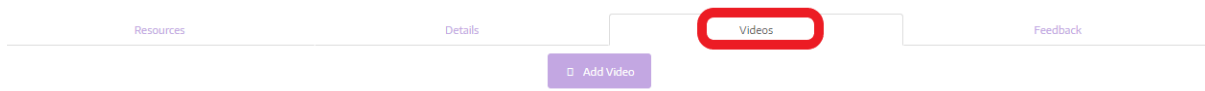


Image 6: Product videos

7. Click on “Feedback” to view users’ experience (if available) and “Add feedback” to share your experience of the product.

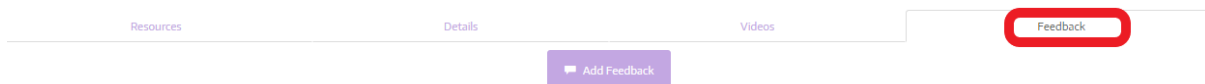


Image 7: Product feedback

5. Add resource

We need your help! The resources available in the CCE area submitted and managed by TechNet-21 members like you, so if you know of a useful CCE resource please add it to the collection. Resources

can be installation guides, user guides, training material, specifications, procurement guidance, brochures, or any other material that can help users of PQS products get the most out of them. They can be both published documents or unpublished, informal resources, in any language. If they are of use, please share!

To add a resource to a product:

- On the product page, in the Resources tab, click Add resource.
- Add the following information:

The screenshot shows a web form titled "Document Information" and "Assign to item". The form contains the following fields and elements, each with a red number indicating its function:

- 1**: Title input field.
- 2**: Type dropdown menu (URL or File).
- 3**: URL or File input field.
- 4**: Description input field.
- 5**: Date of Publish date picker.
- 6**: Author input field.
- 7**: Language dropdown menu.
- 8**: Document Category dropdown menu.
- 9**: Item Category dropdown menu.
- 10**: Item List dropdown menu.
- 11**: Save Drafts and Cancel buttons.

Additional text in the form includes "Thumbnail" with a "Choisir un fichier" button and "Aucun fichier choisi", and "Maximum upload size: 40.00 MB".

Image 8: Add resource

1. **Title:** Title of the document
2. **Type:** Choose and select between “URL” for a link to a web page or online document or “file upload” to upload a document from your computer.
3. **URL (or File):** Copy and paste the URL to the web page or online document. If you selected “file upload”, select and upload the document from your computer.
4. Provide a brief description of the document.
5. **Date of publish:** Date when the document was published.
6. **Author:** Who wrote the document (in general, it’s an organization or a company)
7. **Language:** Language in which the document was written.
8. **Document category:** Select the relevant type of document (report, specification, training, user guide or brochure)
9. **Item category:** Select the PQS category to which the product belongs to.
 - a. If the document is general (e.g. concerns all cold boxes and vaccine carriers), select a general item category (one without a dash).
 - b. If the document concerns one product, select a more precise item category (e.g. vaccine carrier).

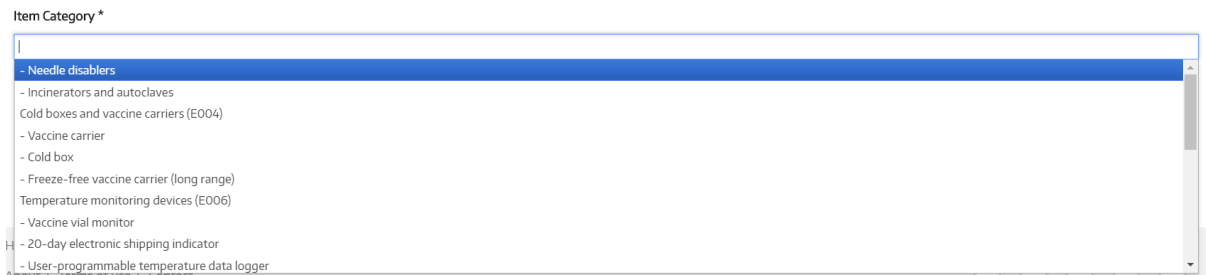


Image 9: Item categories

10. **Item list:** If a document concerns one product (e.g. a fridge manual), select the PQS product from the proposed list.
11. **Save details**
12. And if you have any question or need support, you can check if the moderator is online by clicking on the chat box.

Please note that you can also add documents directly from a product page (more details in the following pages). Adding a document from the product page is the fastest way as some of the fields are automatically filled in (image 9, item category and item list).

6. Add media / add video

You can add YouTube videos related to the selected product. To do so, select the video tab (1), then click on “Add video” (2, image 10).

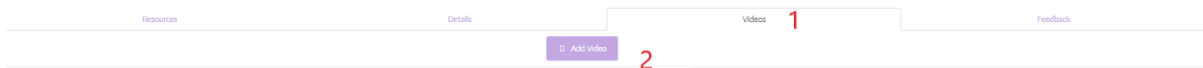


Image 10: Add video

You just need to enter the YouTube URL, everything else is done automatically. You can still edit any field if required.

Add Video

Youtube URL

URL (Actual URL not Share Button) 1

Data collected from Youtube 2

Title

Description

Thumbnail

Assign to Item 3

Item Category *

[- Non-solar.x] Select All

Item List

Westfrost Solutions MK304.x

Save Details Cancel

Image 11: Add video form

7. Add feedback

You can provide a feedback to the community to let them know your experience with a product.

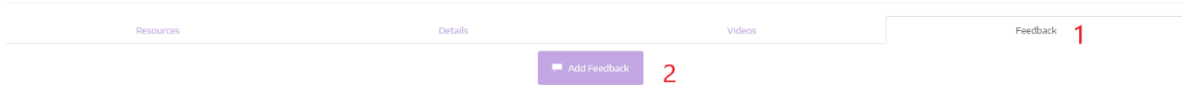


Image 12: Add feedback

Select the “Feedback” tab (1), then click on “Add feedback” (2).

A screenshot of the 'Add feedback' form. The form is titled 'Feedback' and has a red '1' next to the title. It contains several sections: 'In what country or countries do you have experience of this product?' with a dropdown menu and a red '1'; 'Most recent experience with this product:' with a 'Select Year' dropdown menu and a red '2'; 'Type of experience' with a dropdown menu and a red '3'; 'Image Gallery' with a 'Select files' button and a red '4'; 'Feedback *' with a text input field and a red '5'; and 'Other comments or recommendations *' with a text input field and a red '6'. At the bottom, there are 'Save' and 'Cancel' buttons.

Image 13: Add feedback form

1. From the drop-down menu, select the country in which the product is/was being used.
2. From the drop-down menu, select the most recent year during which the product is/was being used.
3. From the drop-down menu, select the type of experience (pilot, transportation, installation...)
4. Upload a picture of the product if you have one (optional).
5. Provide your feedback.
6. Enter your other comments or recommendations.
7. Save.