Panasonic

ideas for life

SPRING 2009



ENERGY SAVING REFRIGERATORS

INVERTER

ECO IDEAS MATTER

PANASONIC INTRODUCES A NEW STANDARD IN HOME APPLIANCES. FRESH-THINKING DESIGN, CLEVER FEATURES AND USER-FRIENDLY TECHNOLOGY – ALL ENGINEERED TO STANDARDS YOU CAN RELY ON.

Panasonic is renowned for producing some of the highest quality, most technologically advanced consumer electronics in the world. We have been applying this same know-how to home appliances for many years in Japan, and now these energy efficient, eco-friendly appliances, are available here in Europe.

Advanced energy saving technologies, revolutionary design and the ultimate in convenience, combine to bring a major upgrade to your kitchen.



eco ideas

OUR COMMITMENT TO THE ENVIRONMENT

When it comes to being environmentally friendly, at Panasonic we approach the challenge differently by examining it in every aspect of our business. Unlike other companies, Panasonic controls every aspect of its product manufacture, from the design process to production. So not only do we design eco-friendly products, but we produce them in a more environmentally friendly manner as well.

PANASONIC'S SPONSORSHIP OF THE WWF INTERNATIONAL ARCTIC PROGRAM

The Arctic is affected first and worst by climate change; the effects of warming are already being felt. The Arctic is also a global temperature regulator, with many delicately balanced relationships that have the potential to seriously amplify the impact of climate change around the world.

It is one of the world's largest, most valuable and pristine natural regions, but it faces challenges from both climate change and increased human use. Panasonic's support will enable the WWF to scale up activities at a time when the Arctic faces unprecedented change. The activities include devising and promoting governance and management regimes to help protect Arctic ecosystems, eliminating illegal fishing activities, and researching, monitoring and supporting the continued well-being of key arctic species such as polar bears.

Supporting these initiatives is an important part of Panasonic's global 'eco ideas' strategy. Part of our aim is to improve the efficiency of products, reduce the environmental impact of manufacturing and encourage people to get involved in environmental issues – through local communities, across Europe.

ENERGY EFFICIENCY MATTERS



HOUSEHOLD APPLIANCES ACCOUNT FOR THE MAJORITY OF A HOUSEHOLD'S ENERGY NEEDS – ESPECIALLY THE REFRIGERATOR THAT HAS TO RUN DAY AND NIGHT, ALL YEAR LONG, CONSUMING A LOT OF ENERGY.

Innovative new features in the Panasonic NR-B30FX1 refrigerator make it one of the most energy efficient, with a rating of A++ and with No Frost technology. Based on energy consumption you can't buy a better refrigerator. This drastic reduction in energy use is not only good for the wallet, but also kind to the environment.

A Panasonic core technology

A MORE ENERGY-EFFICIENT REFRIGERATOR



INVERTER TECHNOLOGY

Conventional refrigerators have one power level, but your new Panasonic refrigerator has five, to make the best use of energy. Inverter technology runs on minimal power overnight, and at times when you use it less. This saves valuable energy while reserving power for quickly freezing items if you need to. 'Variable operation' means it can automatically adjust how much energy it uses, according to how you use the appliance – which saves even more power.

Temperature sensors and microprocessor technology work together to help the inverter finely adjust the compressor. This means it can operate at the most appropriate power level. It also takes into account the temperature inside the refrigerator, to give you the best chilling and freezing results without wasting energy.

U-VACUA – VACUUM INSULATION PANEL

Traditional insulation requires more material for better performance creating thicker walls and reduced space. Panasonic introduces a brand new technology, using less material. Glass-fibre processed in a vacuum, produces an ultra-thin sheet that has 20-times more insulation than traditional materials. The result is more energy efficiency, reduction in material used, and more space in the freezer for you.

QUIET OPERATION

One big difference with Panasonic refrigerators is the quiet operation. At just a whispering 36dB, it is one of the quietest of its kind - you will not even notice it's there.

The Inverter actually reduces variations in noise frequency – especially when it's working hardest. Even when the compressor switches on and off when you're using the fridge more often, you'll hardly notice it.

NO FROST TECHNOLOGY

Traditional refrigerators with direct cooling form frost; especially in the freezer. This ice layer reduces the cooling effect, therefore consuming more energy to achieve the same desired temperature level.

To save energy, Panasonic refrigerators are equipped with no-frost technology, keeping your refrigerator frost-free and performing efficiently with the added convenience of not having to defrost.

A++ No Frost

SAVING VITAMINS MATTERS

Vitaminsafe

KEEPING FOOD FRESH – FROM GARDEN TO THE DINNER TABLE

THE TASK OF A REFRIGERATOR IS A SIMPLE ONE: TO PRESERVE YOUR FOOD AND KEEP IT AS FRESH, HEALTHY AND RICH IN VITAMINS AS THE DAY YOU BOUGHT IT. HOWEVER, MOST FRUIT AND VEGETABLES START LOSING VALUABLE NUTRITION THE MOMENT YOU PLACE THEM IN THE REFRIGERATOR.





Panasonic Vitamin-Safe not only helps preserve vital nutrients, but allows you to store fruit and vegetables separately at their ideal storage temperatures.



VITAMIN SAFE COMPARTMENT

The standard refrigerator is normally too dry for storing fruit and vegetables, only offering a single temperature for the entire refrigerator. The Vitamin-Safe compartment is optimised to a high humidity level, and the temperature can be adjusted between 0˚C and 5˚C, to ensure your fruit and vegetables stay fresher for longer.

Approved by SLG Prüf-und Zertifizierungs GmbH, certifying the "optimisation of the storing system by using Vitamin-Safe." *(SLG is a renowned independent test laboratory).*

RETAINING VITAMINS

With traditional refrigerators, the light goes out as soon as you close the door. But fruit and vegetables stored in the dark start losing vitamins. So we've installed two flashing LEDs in the vitamin-safe compartment to simulate the blue and green hues of sunlight. They continue working even when the door is closed. The LEDs activate your fruit and vegetables' natural defences and stop them to losing vitamins. It really works and the effect of our LEDs has been tested and certified by SLG, a renowned independent test laboratory.

FULL EXTENDABLE DRAWER

The Vitamin-Safe compartment offers you 48 litres of storage space. The fully extendable telescopic rails allow easy access to all of the contents in your drawers.





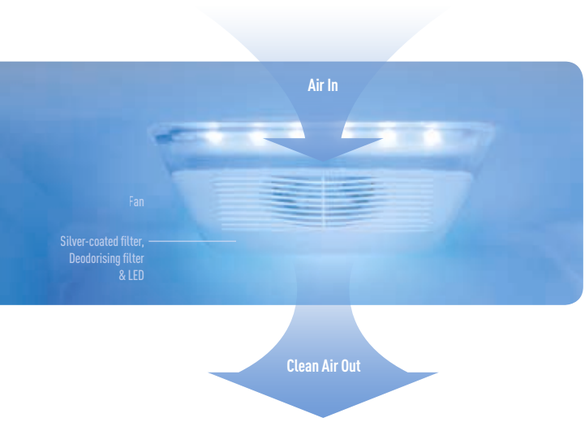
KEEPING FOOD SAFE MATTERS

hygieneactive

ADVANCED TECHNOLOGY KEEPS FOOD SAFE.

NATURALLY YOU WANT A CLEAN REFRIGERATOR THAT KEEPS YOUR FOOD SAFE. PANASONIC HAS DEVELOPED A HYGIENE TECHNOLOGY THAT NOT ONLY FIGHTS ODOURS, BUT ALSO PROTECTS AGAINST HARMFUL BACTERIA AS WELL.

Our Hygiene Active system is a combination of technologies, protecting your food from coming into contact with harmful bacteria.



How it works

HYGIENE ACTIVE

Silver is traditionally known for its antibacterial properties and is used in various products. The combination of a silver filter producing silver ions, water mist and blue LED light forms an antibacterial cleanser called "Hydroxy Radical" which naturally occurs in the troposphere. This natural effect is produced inside the fridge, eliminating 99.9999%* harmful bacteria.

*Figure evaluated by ISO 22196 testing measure.

AIR CIRCULATION

At the top of the refrigerator, a circulating fan pulls in cold air from the main compartment, through the Hygiene active filter and deodoriser, then sends clean air back in. This means there is clean and fresh air inside your refrigerator at all times.

DEODORISING FILTER

When a refrigerator smells fresh, it's a good sign that it's clean and free of harmful bacteria. Panasonic's unique Zeolite filter eliminates unwanted odours, keeping your refrigerator smelling clean and food smelling fresh.


Certificate

Approved by SLG Prüf-und Zertifizierungs GmbH, certifying the "Optimising the air by using the hygiene active" *(SLG is a renowned independent test laboratory).*



DESIGN MATTERS

AT PANASONIC, WE BELIEVE THAT TO PRODUCE SOMETHING TRULY DIFFERENT, YOU NEED TO APPROACH IT DIFFERENTLY FROM THE START. SO OUR DESIGNERS AND ENGINEERS WORK CLOSELY TOGETHER THROUGH EACH STAGE OF PRODUCT DEVELOPMENT, ENCOURAGING CONTINUOUS IMPROVEMENT WITH FRESH IDEAS AND NEW CONCEPTS.

That's exactly how this refrigerator was created. With its ingenious U-Vacua – Vacuum insulation panel for example, we were able to build a refrigerator with more space inside.

As well as looking into ways we can produce appliances that use less energy, we also consider how you use the refrigerator every day, and how we can make it easier for you to use.



FULLY COVERED BACK



LARGE CAPACITY

By using Panasonic's revolutionary U-Vacua – Vacuum insulation panel, we have created a refrigerator with a larger capacity. Storage is not only plentiful, but also accessible due to the spacious interior design.



FULLY COVERED BACK

With traditional designs, dust often builds up on the condenser at the back of the refrigerator, which can affect its performance and shorten the refrigerator's useful life. So we've introduced a full flat cover for the back of your Panasonic refrigerator, to keep the compressor dust-free and operating efficiently for longer.

GRIP-LESS HANDLE

Panasonic's innovative design uses a flat door handle, giving the refrigerator a sleek, clean look. The full-length gripping area makes it easy to open the door at any point. Not only is this more convenient for all the members of your family, but it's extremely stylish too.

HIGH GRADE ALUMINIUM

High grade aluminium is used for the grip-less handle. The elegant finish not only looks impressive, but is also pleasing to the touch.

TELESCOPIC RAILS

The vegetable compartment with extendable rails, offers convenient and easy access to all of the contents.

RESISTS FINGERPRINTS

The surface is specially treated to resist fingerprints, even when touched by soiled fingers – this also reduces cleaning time.

anti fingerprint



EFFECTIVE STORAGE MATTERS

PANASONIC REFRIGERATORS ARE DESIGNED FOR THE EASIEST POSSIBLE USE WHILE ENSURING CONVENIENT, EFFECTIVE FOOD STORAGE.





NO FROST



1 Frost free performance means no frost will form on food or the interior. You'll benefit from reduced electricity bills, and you won't have to spend time defrosting.

LED LIGHTING



2 Visibility is improved by LED lighting, that illuminates the refrigerator from the top to eliminate shadows. You'll see all your food more clearly than with conventional yellow light, and these lights use much less electricity – saving energy.

TEMPERED GLASS



3 All shelves are made from durable tempered glass, which is not only safe, but attractive and easy to clean too.

ADJUSTABLE SHELVES



4 You can easily adjust the shelves up or down to accommodate the storage of tall or irregularly shaped items.

METAL BOTTLE RACK



5 This stainless steel rack makes it easy to store bottles of all sizes, without using valuable shelf space.

ICE TRAY AND BOX



6 The ice tray and spacious ice box allows for storage of 135 ice cubes.

SEALED CASE



7 With a lid that prevents products drying out, this case is suitable for storing not only small portions of wrapped food, but cosmetics and medicines also.

YOUR CONVENIENCE MATTERS

EASE OF USE AND FUNCTIONS THAT ENHANCE EVERYDAY CONVENIENCE.
PANASONIC HAVE PRODUCED EASY TO USE CONTROLS BECAUSE THE REFRIGERATOR IS SOMETHING THE WHOLE FAMILY USES EVERY DAY.



LARGE LCD OPERATION PANEL

Selecting or changing functions and temperature settings can be done from the control panel on the front of the refrigerator.

Inverter Power Indicator

This gives a visual indication of the inverter energy usage.

1 _ _ _ _ ▶ 1 2 3 4 5
Low Power — Full Power

Temperature Indicator

This displays the temperature of the refrigerator, the fruit and vegetables, compartment and the freezer.

Temperature Setting Buttons

Change the temperature settings of each compartment separately using one-touch buttons.

FUNCTION OPERATION BUTTONS

Energy Saving

This setting changes the temperature for all three compartments to the most energy efficient temperature.

Super Freeze

Use this setting when you want to quick-freeze items. It can operate continuously for up to 50 hours.

Vitamin-Safe

The LEDs in the fruit and vegetables compartment illuminate and the vitamin saving function operates.

Hygiene Active

Antibacterial Hygiene Active system in operation.

Alarm/Child Lock

This turns off the alarm which sounds if the door is left open, or there are any abnormalities in the refrigerator temperature. Press and hold this button to lock the buttons.



PRODUCT SPECIFICATIONS

MODEL		NR-B30FX1-XB	NR-B30FG1-WB
GENERAL INFORMATION			
Colour		stainless steel with anti finger print	arctic white
Total Net Capacity		309 l	309 l
Refrigerator Net Capacity		227 l	227 l
Freezer Net Capacity		82 l	82 l
NoFrost-Technology		yes	yes
ENERGY EFFICIENCY			
Energy Label		A++	A+
Energy Consumption		228 kWh/year	270 kWh/year
SPECIAL FEATURES			
Fruits & Vegetable Compartment		Vitamin-Safe	Vitamin-Safe
Anti-Bacterial Function		Hygiene Active	Hygiene Active
Display		White LCD	White LCD
Independent Temperature Controls		Yes	Yes
Noise Level		36 dB	37 dB
REFRIGERATOR FEATURES			
Shelves		4	4
Drawer Case		1	1
Lighting		LED	LED
Door Pockets		4	4
Wine Rack		yes (2)	yes (1)
Deodorising		life time Zeolite filter	life time Zeolite filter
FREEZER FEATURES			
Number of Drawers		3	3
Ice Compartment		yes	yes
Freezing Capacity in 24h		15 kg	15 kg
Max Storage without Electricity		21 h	16 h
PROGRAMME OPTIONS			
Super Freezing		yes, 50 h	yes, 50 h
Holiday Mode		yes	yes
Door Open Alarm		yes	yes
Child Lock (locks Temperature Controls)		yes	yes
TECHNICAL DATA			
Packed	Height	1986mm	1986mm
	Width	663mm	663mm
	Depth	701mm	701mm
	Weight	96kg	90kg
Product	Height	1874mm	1874mm
	Width	600mm	600mm
	Depth	637mm	637mm
	Weight	86 kg	80 kg
	Compressor	Inverter	Inverter
	Door Opening	Reversible door hinging, hinged right	Reversible door hinging, hinged right
Ean Code		5025232501014	5025232501007

LOCAL DEALER

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