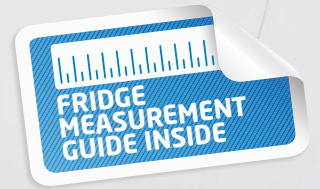


# PANASONIC Refrigeration

## Bottom Mount Refrigerator Range



eco  
ideas

ECONAVI

INVERTER

BUILT-IN GENIUS | **Panasonic**

eco  
ideas

# FOR FUTURE GENERATIONS

Panasonic aims to become the No.1 green innovation company in the electronics industry

Panasonic was founded on the philosophy of contributing to progress in society and to enriching people's lives. By offering products that help people lead better, greener lives, we have made close ties with people worldwide. The 'eco ideas' mark symbolises Panasonic's strong commitment to continuous environmental sustainability management.



# INTELLIGENT ECO SENSORS

Clever ECO sensor technology adapts to your life

With Panasonic's new ECONAVI, living an eco-friendly life has never been easier. This revolutionary technology allows your fridge to determine conditions during use and adapt to your lifestyle, automatically regulating temperature and saving energy. The result is that you can be more eco-conscious and still enjoy the comfort and convenience of a premium appliance.

**INVERTER**



# ECONAVI

## AUTOMATICALLY ADAPTS TO YOUR FAMILY'S USE

ECONAVI\* technology uses sensors to detect your family's lifestyle patterns.

Then it learns your routine and predicts when you use your fridge the most; supplying more power at those times and less when your fridge is not in use.



### INTELLIGENT ECO SENSORS

- 1 Light Sensor**  
When lights are switched off, this sensor determines that the refrigerator is not being used
- 2 Room Temperature Sensor**  
Senses the surrounding temperature
- 3 Internal Temperature Sensor**  
Detects the temperature inside the refrigerator to determine the required cooling power
- 4 Door Sensor**  
Senses how frequently the door is opened to decide your family's lifestyle pattern

\*ECONAVI is a feature available with models:  
NR-BY552XSAU, NR-BY552XWU, NR-BW465XSAU, NR-BW415XSAU.

### ECONAVI Microcomputer

This highly intelligent microcomputer analyses information provided by the sensors. It then provides the optimum operation control to match the conditions of use.

### Inverter Compressor

Flexible output control ensures precise adjustment of temperature inside the refrigerator. This ultra-reliable compressor is also backed by a **10 year warranty\*\***

**INVERTER**

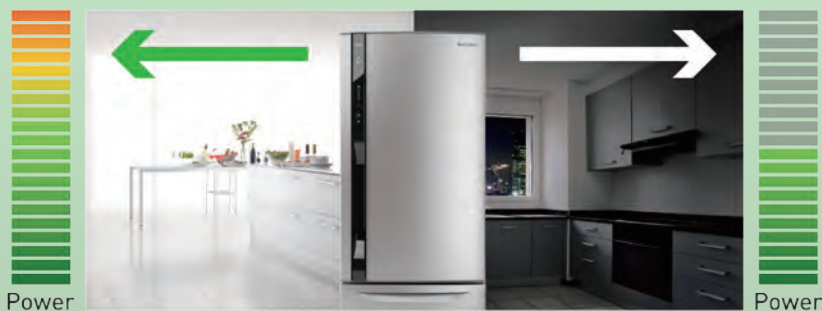
# ECONAVI

ECONAVI\* OPERATES IN TWO  
WAYS TO MATCH YOUR LIFESTYLE  
PATTERN AND SAVE ENERGY

## Night Eco



When lights are switched off, cooling power is automatically reduced.



### When surroundings are bright

Optimum cooling is provided in response to how frequently the door is opened/closed and the ambient temperature.

### When surroundings are dark

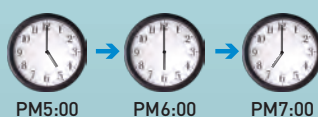
Minimum cooling at night and when not being used. The internal temperature is regulated according to usage.

## Smart Eco



The internal temperature is regulated according to usage.

Providing generous cooling when you really need it



Unlike power saving modes that simply provide weaker cooling, ECONAVI regulates cooling when the refrigerator needs it most. ECONAVI **increases** power when the fridge is being used, and **decreases** power when not in use.

Dinnertime memorised by ECONAVI

**PM7:00**

It's nearly dinnertime!  
Let's cool more powerfully.

\*ECONAVI is a feature available with models: NR-BY552XSAU, NR-BY552XWAU, NR-BW465XSAU, NR-BW415XSAU.

### CFC-FREE REFRIGERANT

To protect the environment, Panasonic has completely eliminated the use of CFCs. The new refrigerant R600a is efficient and safe, and has minimal impact on the ozone layer and global warming.

### ENERGY SAVING LED LIGHTS

Using less electricity than conventional lights, LED lights reduce energy consumption and save you money. Plus, they're very long-lasting.

# OPEN ME UP & SEE WHAT'S INSIDE

— what's inside

06

OPEN

INVERTER



ECONAVI



FREEZER  
CONTROL

MAX

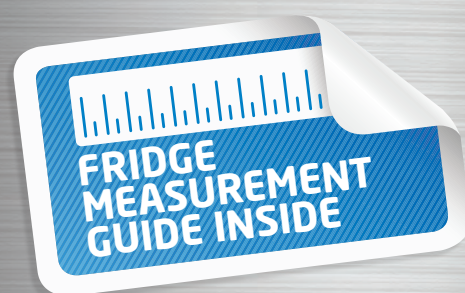


MIN



FREEZER  
CONTROL

QUICK  
FREEZING



OPEN

# FRESH & CLEAN TECHNOLOGY

## LARGE VEGETABLE CRISPER

### Fresher fruit and veggies

The vegetable crisper maintains a stable temperature and high humidity; ideal conditions for storing delicate fruit and vegetables.

### Airtight structure

Airtight control is assured by a direct vent type handle, enabling secure locking to shut out cold air and maintain optimum conditions inside the crisper. Your fruit and veggies retain their nutritional content and stay fresh for longer.

\*This feature is available with models NR-BY552XSAU, NR-BY552XWU.

### Indirect cooling

To prevent damage, fruit and vegetables are gently surrounded by cool air rather than direct airflow.

### Big capacity, for plenty of storage

Fruit and vegetables make up the majority of the family food shopping, so we have made the veggie crisper much larger to accommodate your storage needs. This means that you can buy in bulk without worrying about food going to waste. The veggie crisper is even wide enough to fit long vegetables such as celery and silver beet.

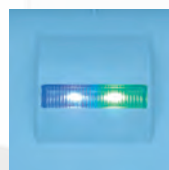


## FRESHER FRUIT AND VEGIES WITH VITAMINSAFE\*

Fruit and vegetables start losing valuable nutrition from the moment they are harvested.

That's why we developed Vitaminsafe technology; blue and green LED lights mimic the sun in the vegetable crisper, keeping fruit and veggies fresher for longer.

\*This feature is available with models NR-BY552XSAU, NR-BY552XWU.



## SURROUND COOLING AIRFLOW

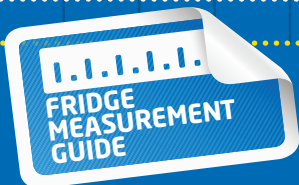
Chilled air from the rear panel moves upwards and to the sides to surround food items, rather than using direct cold air, so food is gently chilled and does not become dehydrated.



REFRIGERATOR MODELS: NR-BY552XSAU, NR-BY552XWAW  
REFRIGERATOR WIDTH: 775MM

REFRIGERATOR MODELS: NR-BW465XSAU, NR-BW465VWAW,  
NR-BW415XSAU, NR-BW415VWAW  
REFRIGERATOR WIDTH: 675MM





Use this measurement guide to gauge the width of refrigerator that will fit into your kitchen.

Refer to model lineup on the back page of this brochure for other specifications.

## FUNCTIONAL DESIGN



### UTILITY BOX

A lidded box ideal for storing small, easily misplaced or easily spilled items.

\*This feature is available with models: NR-BY552XSAU, NR-BY552XWAW, NR-BW465XSAU, NR-BW415XSAU.



### CLEAR DOOR POCKETS

The clear door pockets for storing bottles and small items have been finished with diamond cut edges to provide a stylish and clean appearance.



### CHILLED CASE

By maintaining a temperature of approximately 0°C\*, this compartment preserves freshness by chilling food items without freezing them. It's great for meat, dairy and yoghurt products or for cooling beer and wine.

\*When temperature is set to 'MED'.



### GENEROUS DOOR POCKETS

Easily store several 3L bottles of milk or soft drink with these roomy door pockets.



## BOTTOM MOUNT FREEZER

Food in the freezer is easy to access

Instead of opening the freezer door and pulling out the drawer, we have combined the action in one. Our easy to use freezer compartment is simply one pull-out drawer. You can easily see everything stored and your operation space is minimised by not having to worry about leaving space for a door to swing open.

### FREEZER COMPARTMENTS

The large freezer features separate compartments and a second pull-out freezer drawer to ensure that you have plenty of storage options - this is especially convenient for quick access to smaller food items.



### TWIST ICE TRAY

Once the ice cubes are ready, just twist the lever to drop them into the ice box.





## USABILITY & DESIGN

### MORE ACCESS TO REFRIGERATOR ITEMS

In terms of convenience and usability, a refrigerator with the freezer on the bottom makes so much sense.

While you may need to take things out of the freezer once a day, by contrast you will be constantly using the fridge. Our design puts the food you will access most right in your line of sight. No longer will you have to bend down or crouch on the floor when preparing a meal or looking for a snack.





### DOUBLE SIDED HANDLE

This unique handle lets you easily open the door with your left or right hand.



### EASY TO REMOVE & WASH

You can remove the shelves, door pockets and storage compartments for easy washing.



### FRONT LED LIGHTING

LED lights shine from the front of the fridge to prevent shadows and enable easier viewing.



### ELIMINATES BACTERIA AND ODOURS

The Ag Clean anti-bacterial and deodorising system uses silver particles to inactivate mould and bacteria, while an active enzyme effectively removes unpleasant smells caused by items such as fish or strong cheese. These elements combine to keep your fridge fresh and your family healthy.



### FINGERPRINT RESISTANT MAGNETIC SURFACE

Enjoy the sleek metallic look without smudges, thanks to the fingerprint resistant surface. The unique finish is also magnetic, so you can still use your fridge to display fun items like your children's artwork or your favourite photos.

# ELEGANT DESIGN

to compliment  
any kitchen



## IMPRESSIVE EXTERIOR

With clean modern lines and rounded corners, these refrigerators are the perfect combination of form and function.



## BRIGHT, WELL LIT INTERIOR

Light from LEDs is reflected by the silver edging of the glass trays and glitters brightly, leaving no dark corners.

**INVERTER**

## INTELLIGENT CONTROL PANEL

You can use the control panel to regulate the freezer temperature when the door is closed.

**ECONAVI**

ECONAVI\* Light Sensor

**FREEZER CONTROL**  
MAX  
MIN

LED indications let you confirm the power level and the set mode in the freezer.

**FREEZER CONTROL**  
QUICK FREEZING

Freezer Control  
Quick Freezing

\*Photo shows NR-BY552XSAU

\*ECONAVI is a feature available with models:  
NR-BY552XSAU, NR-BY552XWAW,  
NR-BW465XSAU, NR-BW415XSAU.

Panasonic

eco  
ideas

## Panasonic leads the way with 'eco ideas'

### 'eco ideas' for Products

We are committed to producing energy-efficient products.

### 'eco ideas' for Manufacturing

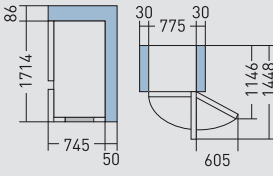
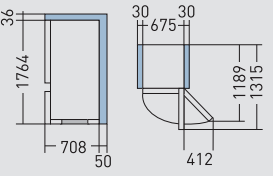
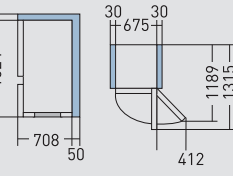
We are committed to reducing CO<sub>2</sub> emissions across all our manufacturing sites.

### 'eco ideas' for Everybody, Everywhere

We are committed to encouraging the spread of environmental activities throughout the world.

# MODEL LINEUP



MODEL			NR-BY552XSAU / NR-BY552XWAU	NR-BW465XSAU	NR-BW465VWAU	NR-BW415XSAU	NR-BW415VWAU	
Capacity (Gross)	Total	(L)	554	465	465	421	421	
	Refrigerator	(L)	400	338	338	294	294	
	Freezer	(L)	154	127	127	127	127	
Dimensions	Width	(mm)	775	675	675	675	675	
	Depth	(mm)	745	708	708	708	708	
	Height	(mm)	1,714	1,764	1,764	1,624	1,624	
Refrigerant			R600a	R600a	R600a	R600a	R600a	
Frost Free			●	●	●	●	●	
Colour			Stainless Colour / White	Stainless Colour	White	Stainless Colour	White	
FEATURES								
ECONAVI System			●	●	—	●	—	
Inverter Motor			●	●	●	●	●	
Ag Clean	Anti-Bacterial		●	●	●	●	●	
	Deodoriser		●	●	●	●	●	
Refrigerator	Large Vegetable Crisper		●	●	●	●	●	
	Vitaminsafe		●	—	—	—	—	
	Surround Cooling		●	●	●	●	●	
	Chilled Case		●	●	●	●	●	
	LED Lighting		●	●	●	●	●	
	Adjustable Shelves		●	●	●	●	●	
	Large bottle bins		●	●	●	●	●	
	Egg Tray		●	●	●	●	●	
Freezer	Drawer Type Freezer		●	●	●	●	●	
	Twist IceTray		●	●	●	●	●	
	Quick Freezing		●	●	—	●	—	
Others	Door Control Panel		●	●	—	●	—	
	Fingerprint resistant finish		●	●	●	●	●	
	Magnetic		●	●	●	●	●	
	Energy Star Rating		3	3	3	3	3	
	Energy Consumption (kWh/year)		463	422	422	413	413	
INSTALLATION SPACE (mm)								
								

• Specifications are subject to change without notice for further improvement. • The contents of this catalogue are effective as of June, 2012. • Due to printing considerations, the actual colours may vary slightly from those shown.