

# Panasonic®

## Operating Instructions & Installation Instructions

Heat Pump Tumble Dryer  
(Domestic use)

Model No.  
**NH-P70G2**



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Thank you for purchasing this appliance.

- For optimum performance and safety, please read these instructions carefully.
- Before connecting, operating or adjusting this appliance, please read the instructions completely. Please keep this manual for future reference.

# Consider the Environment

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## Disposing of packaging

The packaging used to protect the appliance from damage during transportation is all recyclable. For information on recycling, contact your local authority.

## Eco-friendly Drying

- Keep to the load limit of each programme.
- The appliance automatically adjusts the operating time of each programme depending on the load.
- To save energy, please select the correct spin speed.
- Make sure that the room temperature is not excessively high. If the tumble dryer and other heat producing appliances share the same area, make sure that the room is well ventilated and switch the other appliances off when operating the tumble dryer, if possible.

## Checking before use

Before the appliances initial operation or after a prolonged period of non-operation, perform the following procedures if you are using the extended water-drain hose:

- 1. Connect the power.**
- 2. Make sure that the extended water-drain hose is positioned towards a drain.**

For more details, see pages 27-28.



It is essential to read these instructions.

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# SAFETY PRECAUTIONS

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## Caution! Risk of fire.

Please read and follow these safety precautions.



## WARNING

**This describes issues which could cause death or serious injury.**

### General Use

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
  - Children should be supervised to ensure that they do not play with the appliance.
  - The appliance is not to be used if industrial chemicals have been used for cleaning.  
They may cause a fire.
  - The lint filters have to be cleaned frequently.
  - The lint must not be allowed to accumulate around the appliance.
  - The lint filters should be cleaned between each load to reduce the risk of fire.
  - Condensed water should not be consumed, it could lead to health problems for people and animals.
- Do not dry unwashed items in the appliance.
  - Oil-affected items can ignite spontaneously, especially when exposed to heat sources such as in a tumble dryer. The items become warm, causing an oxidation reaction in the oil. Oxidation creates heat. If the heat cannot escape, the items can become hot enough to catch fire. Piling, stacking or storing oil-affected items can prevent heat from escaping and so create a fire hazard.
  - If it is unavoidable that fabrics that contain vegetable or cooking oil or have been contaminated by hair care products be placed in a tumble dryer they should first be washed in hot water with extra detergent - this will reduce, but not eliminate, the hazard.
  - Items that have been soiled with substances such as cooking oil, acetone, alcohol, petrol, kerosene, spot removers, turpentine, waxes, wax removers and cosmetic oils must not be dried in the appliance even after having been washed.  
They may cause a fire.
  - Make sure that no objects are left in any of the pockets. Pay particular attention to cigarette lighters and matches.  
They may cause fire.
  - Items such as foam rubber (latex foam), shower caps, waterproof textiles, airtight fabrics, rubber backed articles and clothes or pillows fitted with foam rubber pads should not be dried in the appliance. Such materials may be destroyed and thereby damage the appliance.

# SAFETY PRECAUTIONS

- Do NOT place a stand or a chair close to the appliance.  
Children may be able to reach the control panel or climb onto or into the appliance.
- Do NOT install the appliance in a damp location or in a location exposed to the weather.  
This may result in malfunction, deterioration, electric shock, or fire.
- Do NOT pour or spill water directly onto any part of the appliance.  
This may result in malfunction, electric shock, or fire.
- Never stop the appliance before the end of the drying cycle unless all items are quickly removed and spread out so that the heat is dissipated.
- The final part of a tumble dryer cycle occurs without heat (cool down cycle) to ensure that the items are left at a temperature that ensures that the items will not be damaged.
- Keep sources of ignition, such as candles or cigarettes, away from the appliance.  
They may cause a fire or damage to the appliance.
- Keep flammable materials away from the appliance, for example, gasoline, thinner, alcohol, or clothing soaked with these materials.  
They may cause an explosion or a fire.

## Power source and mains lead

- Unplug the mains lead when cleaning the appliance.
- Check the mains lead and mains plug for any damage.  
If the mains lead is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person to avoid a hazard.
- Do NOT use a mains plug adaptor or extension cable. There is a possibility of overheating which may cause a fire. Use an unused household mains socket, fully rated at AC 220 V to 240 V. If you are not sure, contact a qualified electrician.
- ENSURE the mains plug is fully inserted into the household mains socket. If the mains plug is not fully pushed in, a loose connection may overheat and cause an electric shock or fire.
- Do NOT touch the mains lead or mains plug with wet hands.  
Possibility of an electric shock.
- Do NOT pull the mains lead but hold the mains plug to unplug the appliance.  
Otherwise, there is possibility of damage to the mains lead, which may lead to an electric shock or fire.

# SAFETY PRECAUTIONS

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## To Prevent Injury

- The installation of the appliance should be done by the manufacturer's dealer or service agent.

If the installation, test run and inspection of the appliance are not carried out following the installation method outlined in these instructions, the manufacturer will not be liable for any accident or damage caused.

- Do NOT dismantle, repair or modify the appliance.

There is a possibility the appliance may malfunction which may result in a fire or an injury. If repairs are needed, contact Customer Care Centre.

- Do NOT touch the laundry inside the drum until it has completely stopped, as there is a possibility of injury. Keep children away from the rotating laundry.



**This describes issues which could cause injury or damage your belongings.**

## General Use

- This appliance is only suitable for textiles which are suitable for tumble drying.
- Do NOT apply pesticide, hair spray or deodorant to the appliance.
- Do NOT put any electrical equipment, for example, TVs, radios or battery chargers, on or near the appliance.
- Do NOT put too much laundry into the appliance.  
This may cause damage to the appliance.
- Fabric softeners, or similar products, should be used as specified by the fabric softener instructions.

## To Prevent Injury

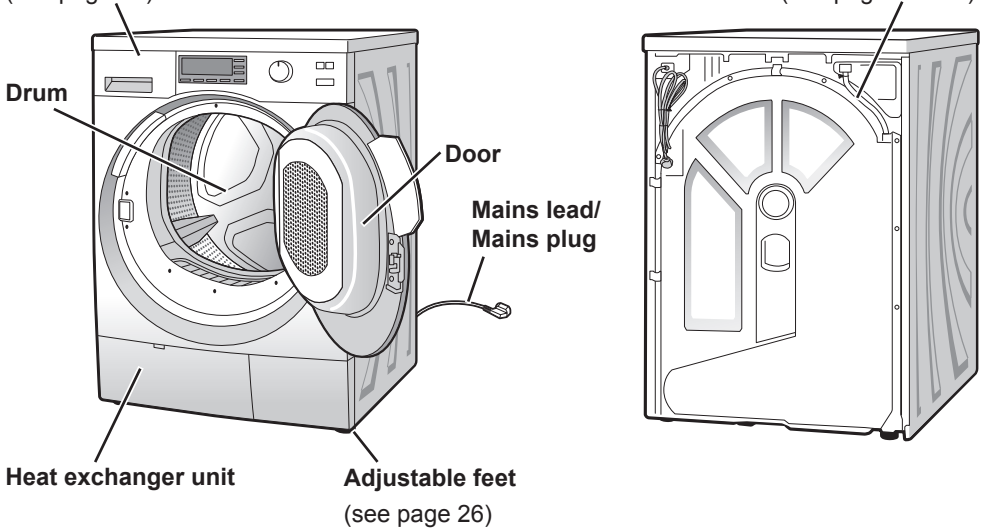
- Do NOT climb onto the appliance.  
This may cause injury or damage to the appliance.
- Keep fingers away from the door hinge when opening and closing the door.
- Do NOT slide your hand (or unprotected foot) underneath the appliance when in use.
- Check all laundry and remove any objects such as nails, pins, coins, clips, metal wires, etc.  
They may cause damage to other laundry or the appliance.
- BE CAREFUL not to get laundry caught in the door seal when it is closed. This may result in damage to the laundry.

# Checking Your Tumble Dryer

## Your tumble dryer

**Water container**  
(see page 17)

**Water-drain hose**  
(see pages 27-28)



### Caution

Do NOT bend the mains lead when the appliance is running.

## Accessories

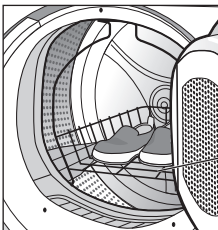
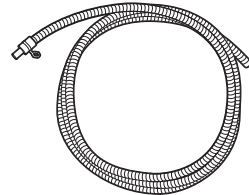
Make sure that all the accessories are supplied with the appliance.

**Spanner**  
(see page 26)

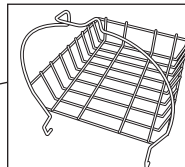
For adjusting the foot.



**Extended water-drain hose**  
(see pages 27-28)



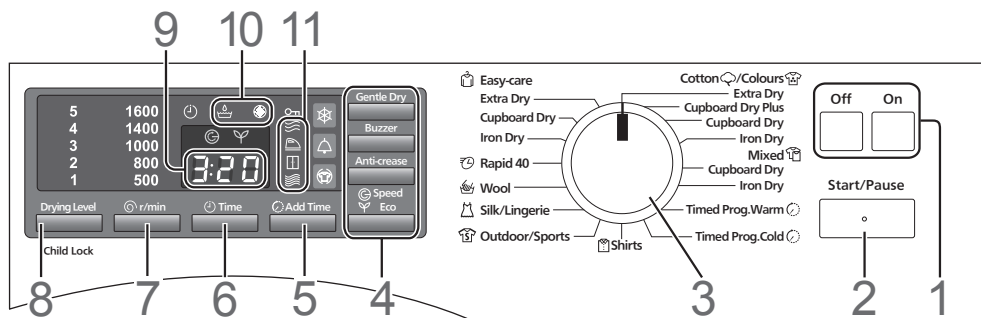
Using the optional drying basket can dry sports shoes, etc.  
(with Timed Prog. Warm).



### Optional accessory

Drying basket  
(N-DB1)

# Using the Buttons



## 1. Power buttons

- If you do not press the Start button within 10 minutes after the appliance has been switched on, the appliance automatically switches itself off.
- The display below appears for 10 seconds after the appliance has been switched off. You cannot turn the appliance on until this display disappears.



## 2. Start/Pause button

Press this button to start or pause the drying programme.

## 3. Programme selection dial

Use this dial to choose the best programme for the laundry. (See pages 12-13.)

## 4. Additional function buttons

Press these buttons to add functions to the programme to suit the laundry. (See page 9.)

## 5. Add Time button

Press this button to set times for the Timed programmes (Timed Prog.).

## 6. Time button

Press this button to preset the time for when the drying finishes. (See page 11.)

## 7. Spin speed button

Press this button to select the final spin speed (r/min) used in the washing machine programme. Use this button only if the anticipated drying time needs to be displayed more accurately.

## 8. Drying Level button/ Child Lock button

- Press this button to choose from 5 different Drying Level settings (1, 2, 3, 4, 5) for Cottons, Easy-care, Mixed, Rapid 40, and Outdoor/Sports programmes. '3' is the default setting level.
- Press and hold this button to set the Child Lock. The controls will be locked. (See page 9.)





## 9. Remaining time indicator

This indicator shows the approximate time until the drying finishes. For example, '3:20' means 3 hours and 20 minutes.

## 10. Warning indicators

- These indicators warn the user of specific conditions.
- Water container full warning
- Clogged filter warning
- (See pages 18-20.)



## 11. Process indicators

- These indicators show the programme's processes. Processes consist of Dry , Iron Dry , Cupboard Dry , and Cupboard Dry Plus (Extra Dry) .
- After drying starts, the dry indicator starts flashing, and the other indicators light up in sequence from top to bottom as each corresponding process is completed. After the programme finishes, the dry indicator goes out, and the last process indicator remains lit until the appliance switches itself off, or is turned off.

## Child Lock

The Child Lock disables the control buttons.

### Activating/deactivating Child Lock

1. **Switch on the appliance.**
2. **Select the programme and optional functions, and then start the programme. (See page 10.)**
3. **Press and hold the Drying Level button.**  
The  symbol lights up to show that the Child Lock is activated.
4. **To deactivate, hold down the Drying Level button again (please ignore three beeps heard), keep Drying Level button pressed until it unlocks.**  
The  symbol disappears.

### Warning


- **Do NOT leave children unsupervised near the appliance.**
- **Keep pets away from the appliance.**

## Additional functions






Depending on the programme, you can combine different additional functions.

### Note

Some additional functions cannot be used with certain programmes. (See pages 14-15.)  
If you select an unavailable function, an error alarm will sound.

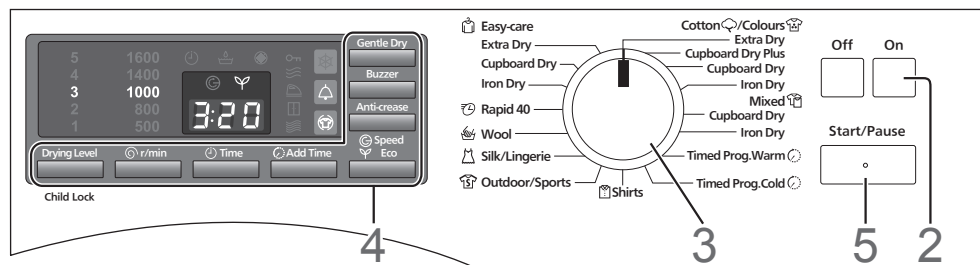
**Press one or more of the function buttons  you wish to combine.**

The corresponding indicators will light up.

Function	Description
Gentle Dry 	Gently Dry laundry with approximately 45 °C warm air.
Buzzer 	Press this button to turn the programme finished buzzer on or off. You will hear the buzzer sound which indicated that the buzzer is switched on or off.
Anti-crease 	Prevent creasing. After the drying ends, the drum rotates at intervals for 2 hours. The indicators keep flashing during the Anti-crease process.
Speed 	Drying times will be shorter than when the Eco function is set.
Eco 	Drying takes longer but consumes less energy.

# Drying

## Setting drying



### 1. Open the door and put the laundry into the drum.

For details about preparing and sorting the laundry, see pages 12, 13 and 16.

#### Caution

- Make sure that no laundry gets caught in the door.
- Do NOT overload the drum. Observe the capacity of the selected programme.

Overloading may cause excessive vibration, damage to the appliance, and more creasing of the load.

### 2. Close the door and press the On button.

### 3. Turn the programme selection dial either way to select the programme.

A drying time will be displayed.

### 4. Select optional functions.

- Additional functions (See page 9.)
- Spin speed (See page 8.)
- Drying Level (See page 8.)

For more details about available functions and settings for each programme, see pages 14-15.

### 5. Press the Start button.

After the appliance has started, the laundry is weighed. After about 3 minutes, a new drying time will be displayed. If you select the Wool, Silk/Lingerie, Shirts, or Timed programme, the laundry is not weighed.



### The buzzer will sound when the programme has finished.

For details on setting the buzzer, see page 9.

Remove the laundry and rearrange where necessary. Do not leave it in the drum too long after the programme ends, because it may be seriously creased.

When you dry items with long fibres, such as bath mats, a lot of lint may be generated, and the lint balls may adhere to the other clothing.

## Required time

Times depend on the programmes, Drying Level settings and other settings that have been selected.

- Since the displayed times change automatically according to the sizes and moisture levels of the loads and the ambient temperatures of the appliance, the times might not decrease for a while or might suddenly decrease.
- For the programmes which automatically weigh the loads (see the "Load weighed," column on page 14), 3 minutes after drying starts the remaining required times might suddenly be shortened.
- Actual times may differ from those shown.

## Changing settings while drying

No setting can be changed after drying has started.

## Preset timer

You can preset the time for when the drying finishes.

The drying might finish before or after preset times depending on the kind of laundry, the temperature, and the moisture content in the laundry.

### Setting a preset time

Continuously press the Time button until the desired preset time is displayed. The preset time increases by 1 hour each time it is pressed. Press and hold the button to change the preset time rapidly.

Programme	Applicable preset times
Cotton/Colours	6 - 24 hours
Easy-care	4 - 24 hours
Mixed	4 - 24 hours
Rapid 40	3 - 24 hours
Outdoor/Sports	4 - 24 hours
Wool	1 - 24 hours
Silk/Lingerie	3 - 24 hours
Shirts	3 - 24 hours
Timed Prog. Warm	3 - 24 hours
Timed Prog. Cold	3 - 24 hours

### Changing a preset time

1. Press the Off button, and then press the On button.
2. Choose the desired programme and additional functions.
3. Set a preset time.











### Cancelling a preset time

Press the Off button.  
(All settings will be cancelled.)

### Checking a preset time

Press the Time button.

# Selecting the Programme

Programme		Description and types of fabric that can be dried												Max load		
		T-shirt	Shirt	Anorak	Trousers	Skirt/dress	Sport wear	Work clothing	Underwear	Socks	Towelling dressing gown	Terrycloth towel	Tea towel		Table linen	Bed linen
	<b>Cotton</b>	For white and coloured cottons or linens												7 kg		
	<b>Colours</b>															
	Extra Dry	-	-	-	-	-	-	-	-	-	✓	✓	✓		-	✓
	Cupboard Dry Plus	-	-	-	-	-	-	✓	✓	✓	✓	✓	-		✓	
	Cupboard Dry	-	-	-	-	-	-	✓	✓	-	✓	✓	-		✓	
	Iron Dry	✓	-	-	✓	✓	-	✓	✓	-	-	✓	✓	✓		
	<b>Easy-care</b>	For non-iron synthetic fibres, cottons, or blended fabrics												4 kg		
	Extra Dry	-	-	✓	-	-	-	-	-	-	-	-	✓		✓	
	Cupboard Dry	-	✓	-	-	-	✓	-	-	-	-	-	-		-	
	Iron Dry	-	✓	-	✓	✓	✓	✓	-	-	-	-	-		-	
	<b>Mixed</b>	For mixed items made of cotton and easy-care fabrics												4 kg		
	Cupboard Dry	-	✓	-	-	-	✓	-	✓	✓	-	✓	✓		-	✓
	Iron Dry	✓	✓	-	✓	✓	✓	✓	✓	-	-	-	✓		✓	✓
	<b>Rapid 40</b>	For quick drying of synthetic fibres, cottons or blended fabrics. Drying times may not exactly 40 minutes depending upon the types of fabrics, composition and moisture content of the loads.												1.5 kg		
	<b>Outdoor/Sports</b>	For membrane coated fabrics, water-repellent fabrics, functional clothing, fleece fabrics (dry jackets/trousers with removable internal lining separately)												2.5 kg		
	<b>Wool</b>	For woollen fabrics suitable for tumble drying. Fabrics become fluffier but not dry. Remove the laundry once the programme ends and allow them to dry.												2 kg		
	<b>Silk/Lingerie</b>	For lingerie and washable silk items												1 kg		
	<b>Shirts</b>	For shirts and blouses												2 kg		
	<b>Timed Prog. Warm</b>	For pre-dried, multi-layered, sensitive acrylic fibres and small items of laundry, and for subsequent drying												4 kg		
		Using the optional drying basket can dry sports shoes, etc. (See page 7.)												1 kg		
	<b>Timed Prog. Cold</b>	For freshening up or airing of clothing made of heat-labile fabrics that have been worn for a short period of time. The clothing does not have to be washed.												4 kg		

# Selecting the Programme

## Sub-programme description

### Extra Dry

For multi-layered and very thick fabrics  
Example: towelling dressing gowns and bed linens

Do not use this sub-programme for loop knitted fabrics (T-shirts, underwear and baby clothes, for example), as they have a tendency to shrink.

### Cupboard Dry Plus

For fabrics which dry more slowly than general fabrics

Example: terrycloth towels and table linen

### Cupboard Dry

For general fabrics

Example: trousers, skirts and dresses

### Iron Dry

For cotton or linen fabrics which you would like to iron

Example: table linen and bed linen











#### Note

To prevent laundry from drying out, it should be rolled up until it is ironed.

## Post-drying ironing

Sub-programme	Applicable drying method			
	Iron	Lightly iron	Not iron	Mangle
Extra Dry	—	—	✓	—
Cupboard Dry Plus	—	—	✓	—
Cupboard Dry	—	—	✓	—
Iron Dry	✓	✓	✓	✓

## Details of Programmes

Programme		Load weighed	Default setting		
			Drying Level <sup>1)</sup>	Spin speed <sup>1)</sup>	Approximate time
 Cotton  Colours	Extra Dry	✓	3	1000	3:20 <sup>2)</sup>
	Cupboard Dry Plus				3:00 <sup>2)</sup>
	Cupboard Dry				2:50 <sup>2)</sup>
	Iron Dry				2:20 <sup>2)</sup>
 Easy-care	Extra Dry	✓	3	1000	1:30
	Cupboard Dry				1:10
	Iron Dry				0:50
 Mixed	Cupboard Dry	✓	3	1000	1:30
	Iron Dry				1:10
 Rapid 40		✓	3	1000	0:40
 Outdoor/Sports		✓	3	1000	2:00
 Wool		—	—	—	0:15
 Silk/Lingerie		—	—	—	1:00
 Shirts		—	—	—	1:00
	Timed Prog. Warm	—	—	—	0:10
	Timed Prog. Cold				

1) If the appliance has been operated even once, the Drying Level and Spin speed set in the previous operation have been memorized.

2) When the Speed function is set, the approximate time will be 50 minutes less than the time stated here.

## Details of Programmes

Manual setting		Additional functions				Add Time
Drying Level	Spin speed	Gentle Dry <sup>3)</sup>	Anti-crease	Speed <sup>3)</sup>	Eco	
1 - 5	500 - 1600	✓	✓	✓	✓	—
1 - 5	500 - 1600	✓	✓	—	✓	—
1 - 5	500 - 1600	✓	✓	—	✓	—
1 - 5	500 - 1600	—	✓	—	✓	—
1 - 5	500 - 1600	✓ <sup>4)</sup>	✓	—	✓	—
—	—	✓ <sup>4)</sup>	—	—	✓	—
—	—	✓ <sup>4)</sup>	—	—	✓	—
—	—	—	—	—	✓	—
—	—	—	✓	—	✓	✓

3) The Gentle Dry function and Speed function cannot be used together. Only one of these functions can be set at a single time.

4) The Gentle Dry function is automatically set. Although the function cannot be selected its indicator will light up.

# Drying Outdoor/Sport Wears and Delicates

## Preparing the laundry

### Sorting clothing

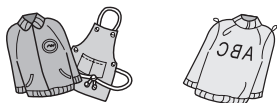
- Read clothing drying labels to help you sort them into different loads.
- Sort the laundry by colour, by type of fabric, drying condition required, and moisture content in the laundry. Doing so will help you choose the correct programme, drying level, and spin speed for each drying.
- Clothes that are not colour fast should be dried separately.

### Checking clothing

- Check that pockets on clothing do not contain any objects that may damage the clothes or the appliance.



- Tie up any loose strings on the clothing and close zippers. Turn clothing with raised fabrics and zippers inside out. Otherwise, the clothes may be damaged.



## Outdoor/Sports programme

Make sure that the item to be dried can be dried with this programme.

### Delicate laundry loads

- Wool programme: 2 kg or less
- Silk/Lingerie programme: 1 kg or less

### Approximate weights

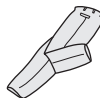
- Wool sweater: 400 g



- Silk blouse: 200 g



- Trousers: 400 g



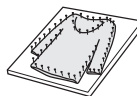
## Tips for drying delicates

### Putting laundry in the drum

Pile them one on top of each other.

### If clothing shrinks

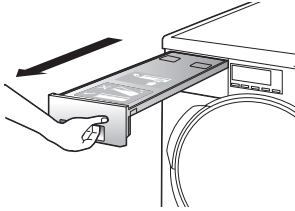
Spread the item out to its original size on an ironing board. Use dress pins to hold the size and shape. Then, use an iron to steam it and leave it to dry.



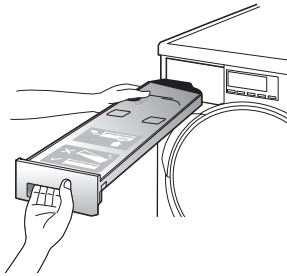
## Emptying water

Empty the water after every drying. Do not empty it while drying.

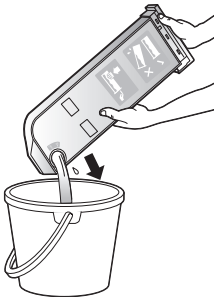
1. Pull out the water container and hold it level.



2. Remove the water container by simultaneously lifting and pulling it forward.



3. Pour out any water.



4. Insert the water container all the way back into the unit until it locks itself into position.

### Warning

Condensed water should not be consumed, it could lead to health problems for people and animals.

## Cleaning the outside of the appliance

Clean the outside of the appliance with a soft cloth and mild detergent, for example, kitchen detergent, and soapy water. Remove lint and dust that accumulate around the appliance.

### Warning

- Do NOT splash water over the appliance.
- Do NOT use cream cleansers, thinners, nor products containing alcohol or paraffin oil.

## Cleaning the drum

The drum and other stainless steel parts can be cleaned with a suitable proprietary stainless steel cleaner in accordance with the manufacturer's instructions.

## Cleaning the door

- After each drying, perform the following:
- Remove any objects from the door seal.
  - Wipe the door and seal to remove lint and stains.

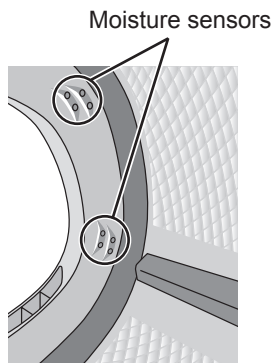
# Maintenance

## Cleaning the moisture sensors

Clean once a month.

The appliance is equipped with stainless-steel moisture sensors. They measure how damp the laundry is. After long periods of use, a fine layer of limescale can form on the moisture sensors.

The moisture sensors are located near the door opening on the internal side of the drum.



1. Open the door.
2. Clean the moisture sensors using a damp sponge with a rough surface.

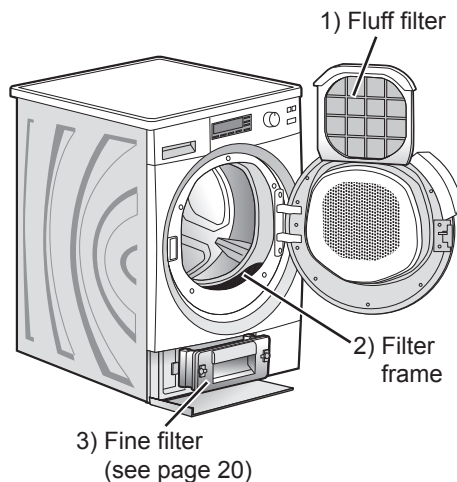
### Caution

Do NOT use steel wool or other abrasive materials.

## Filter locations

Filters are located in the following 3 locations.

- 1) In the door (fluff filter)
- 2) In the door opening (filter frame)
- 3) In front of the heat exchanger unit (fine filter)



Make sure you clean filters at the designated intervals.

- Clean the fluff filter after **every drying programme** (see page 19).
- Clean the fine filter **every half month** (see page 20).

Clean the filter frame when foreign particles build up on it (see page 19).  
Clean all filters every 10 operations.

### Caution

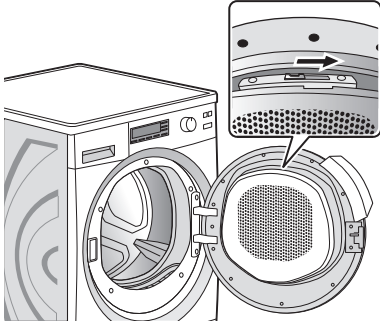
**The appliance must not be used if any filter is out of its place or damaged in any way.**

The excessive build-up of fluff might cause a malfunction.

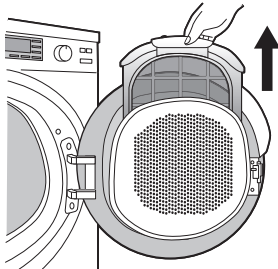
## Cleaning the fluff filter

Clean the fluff filter after every drying programme.

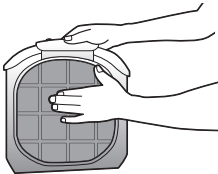
1. Open the door, and then slide the lever on the top of the door.



2. Pull out the fluff filter.



3. Rub your hand against the filter to remove any fluff.



Rinse the filter under running water and dry thoroughly. Be careful not to tear the net.

4. Replace the fluff filter to its original position.



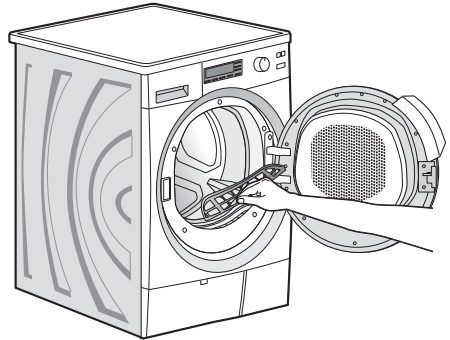
## Extra cleaning

Remove any fluff from the hollow part of the door with a bottle brush or a vacuum cleaner.

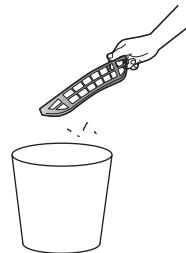
## Cleaning the filter frame

Clean the filter frame when foreign particles build up on it.

1. Open the door, and then remove the filter frame from the bottom of the door opening.



2. Turn the filter frame upside down to remove foreign particles.



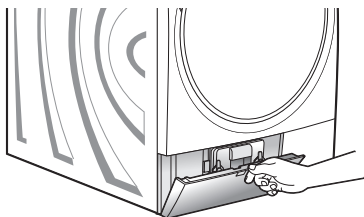
3. Replace the filter frame to its original position.

# Maintenance

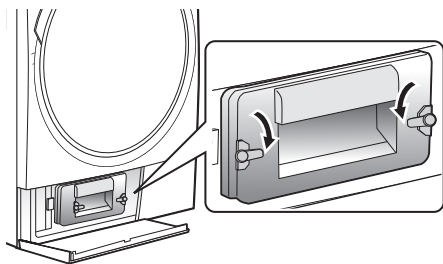
## Cleaning the fine filter

Clean the fine filter every month.

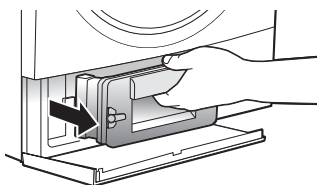
### 1. Open the panel.



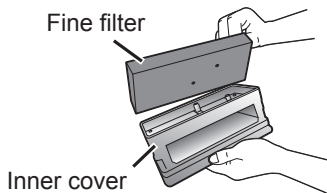
### 2. Turn the levers on the inner cover.



### 3. Pull the handle to remove both the inner cover and fine filter.

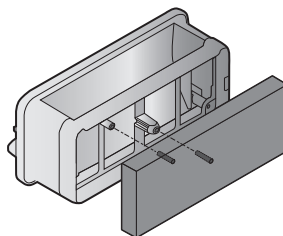


### 4. Separate the fine filter from the inner cover.



### 5. Clean the fine filter using a vacuum cleaner or with water.

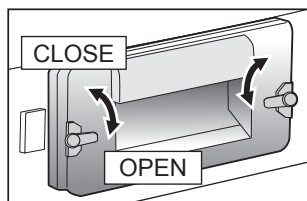
### 6. Replace every part to its original position.



Fit the projections of the inner cover into the holes of the fine filter while joining both parts together.

#### Note

To open or close the levers on the inner cover, refer to the following figure.



## Fault Checklist

Problem	Cause
<b>Appliance does not work.</b>	<ul style="list-style-type: none"><li>- The fuse may have blown out or breaker may have tripped.</li><li>- The mains plug may not be connected firmly to the mains socket.</li><li>- The On button may have not been pressed.</li><li>- The Start button may have not been pressed.</li><li>- The door may not be closed properly.</li></ul>
<b>Buttons do not work</b>	<ul style="list-style-type: none"><li>- Settings cannot be changed while drying is in progress. To change settings, switch the appliance off and on again. Then, set the settings again.</li><li>- Child Lock may be activated. (See page 9.)</li></ul>
<b>Drying repeatedly starts and stops.</b>	<ul style="list-style-type: none"><li>- This is not a malfunction; the drum slowly rotates and stops repeatedly when the "Anti-crease" function has been set.</li></ul>
<b>Laundry is not sufficiently dried. (Some portions are damp.)</b>	<ul style="list-style-type: none"><li>- The laundry might have been added to the drum during drying.</li><li>- The laundry may have become tangled.</li><li>- The laundry may be too heavy.</li><li>- Try using the Warm Timed programme (Timed Prog. Warm) for small synthetic fibre loads, or dry them together with large items of clothing.</li><li>- The moisture sensors may be dirty. (See page 18.)</li></ul>

# Fault Checklist

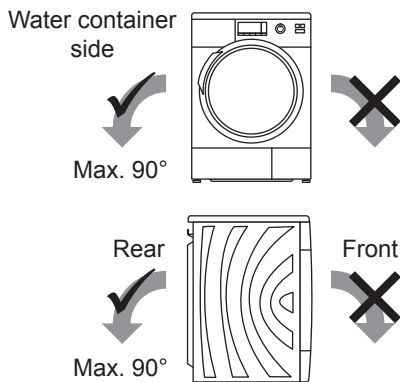
Problem	Cause
<b>Drying takes too long.</b>	<ul style="list-style-type: none"> <li>- The laundry may be too wet.</li> <li>- The laundry may have become tangled.</li> <li>- The laundry may be too heavy.</li> <li>- Clothes which dry quickly and clothes which dry slowly may have been dried together.</li> <li>- The ambient air temperature may be too low.</li> </ul>
<b>Items made of synthetic fibres are charged with static electricity after drying.</b>	<ul style="list-style-type: none"> <li>- Reduce static electricity charges by adding fabric conditioners to wash loads during the final rinse cycles.</li> </ul>
<b>A small item, for example, a button, has dropped through the filter frame hole.</b>	<ul style="list-style-type: none"> <li>- Bring the item out by opening the panel in front of the heat exchanger unit just the same as when cleaning the fine filter.</li> </ul>
<b>The clogged filter warning indicator is flashing although none of the filters are clogged.</b>	<ul style="list-style-type: none"> <li>- This is not a malfunction; the clogged filter warning indicator flashes to alert users to clean the filters after every 10<sup>th</sup> drying programme (twice a month). The indicator may flash even if the filters have been cleaned.</li> </ul>
<b>The displayed remaining time changes.</b>	<ul style="list-style-type: none"> <li>- The remaining time is estimated and corrected continually. Thus, the time displayed may change.</li> </ul>
<b>The operating sound changes.</b>	<ul style="list-style-type: none"> <li>- This is normal; the change is caused by the on-off conditions of the compressor and draining pump.</li> </ul>
<b>'0' display remains after the programme has finished.</b>	<ul style="list-style-type: none"> <li>- This is not a malfunction; without the Anti-crease function being set, the appliance automatically switches itself off 2 hours after the programme finishes.</li> </ul>
<b>The lamp inside the drum has gone out.</b>	<ul style="list-style-type: none"> <li>- The lamp lights up for 10 minutes when the door is opened after the programme finishes. To activate the lamp again, switch on the appliance, and then open the door again.</li> </ul>
<b>The lamp inside the drum does not light up.</b>	<ul style="list-style-type: none"> <li>- If 2 hours have elapsed after a programme is completed, the lamp will not light up since the appliance automatically switches itself off.</li> </ul>
<b>Drying has finished with the Anti-crease set to OFF, however, the Anti-crease indicator is flashing.</b>	<ul style="list-style-type: none"> <li>- For safety, the dryer cools down inside the drum. The Anti-crease indicator flashes during this time.</li> </ul>

Error Display	What to do
<p data-bbox="143 197 258 245">U 12</p> <p data-bbox="127 256 274 284">Door is open</p>	<p data-bbox="342 185 885 240">Make sure that the door is shut properly. Close the door securely and press the Start button.</p>
<p data-bbox="146 325 258 373">U 15</p> <p data-bbox="115 384 290 411">Unable to drain</p>	<p data-bbox="342 312 1014 424">Empty the water if the water container is full. (See page 17.) Set the water drain hose properly. (See pages 27-28.) After the above procedures, turn the power on again and press the Start button.</p>
<p data-bbox="146 437 258 485">U 30</p> <p data-bbox="101 496 303 552">Aberrant ambient temperature</p>	<p data-bbox="342 440 1020 496">Operate the appliance within an operating ambient temperature range (5 °C - 35 °C).</p>
<p data-bbox="143 596 258 644">H 00</p>	<p data-bbox="342 568 1042 647">Inspection is required. Pull out the power plug. Then, contact Customer Care Centre and explain the displayed content (2-digit number after H).</p>

# Choosing the Right Location

## Transporting the appliance

If the appliance has to be transported at a tilt, only tip it toward the water container side but not more than 90 degrees.



The appliance must be carried by 2 or more people.



Start by tilting the appliance backwards. One person should stand behind it, holding the rear of the top panel. The other person should grip the bottom feet in the front.

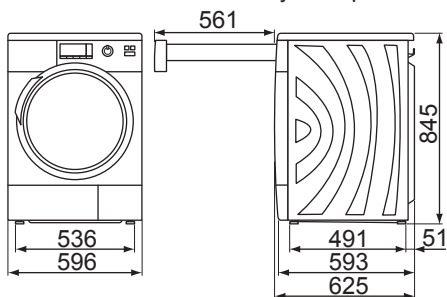
## Caution

If the appliance has not been transported as described, then it must be left to stand for at least 1 hour before it is connected to an electricity supply.

Otherwise, the heat pump could be damaged.

## The right place for the appliance

Make sure that there is enough space for the appliance and that openings on the base are not obstructed by a carpet.



Dimension in millimetres

You need a space at least 60 cm wide. At least 2 mm of clearance on the sides, and 3 mm of clearance above the appliance are required. (If you use the extended water-drain hose, leave some space in the rear for the hose so that it does not get smashed down.)

# Choosing the Right Location

## Warning

The appliance must not be installed behind a lockable door, a sliding door or a door with a hinge on the opposite side to that of the appliance, in such a way that a full opening of the appliance door is restricted.

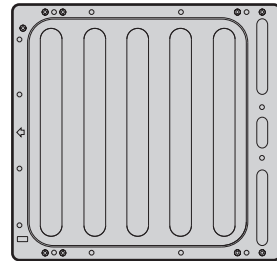
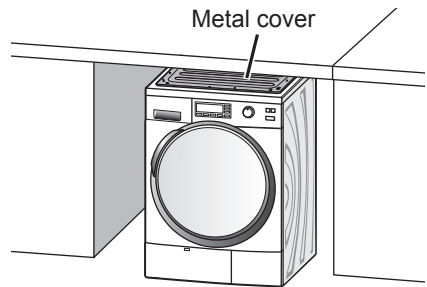
This will prevent children from being locked in the drum.

## Caution

- Do NOT install the appliance in direct sunlight, or in a place where temperatures reach freezing or are excessively high.
- The cool air intake panel on the front of the appliance must not be blocked or covered, for example, by a laundry basket, as this might cause a malfunction

## Installing the set-in appliance

- You need a space at least 60 cm wide. At least 2 mm of clearance on the sides, and 3 mm of clearance above and behind the appliance are required (in case you do not use the extended water-drain hose).
- The counter above the appliance must be firmly fixed to the adjoining cupboards.
- You need to have the plug accessible after installation.



Metal cover (AXW4595-7SR0)

## Caution

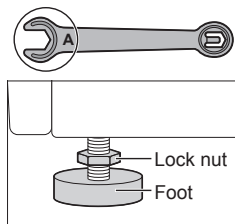
Instead of the standard cover panel, have a technician install a metal cover.

# Choosing the Right Location

## Levelling the appliance

Using a level helps when making of adjustments.

To adjust the feet, use the 'A' end of the spanner.



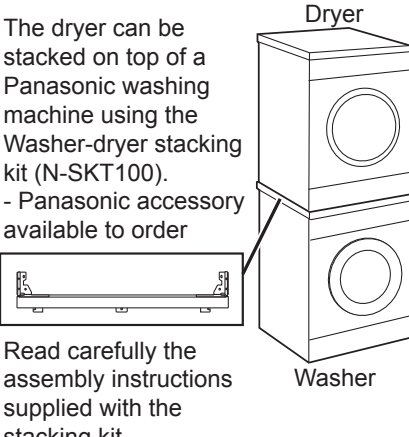
1. On each foot, loosen the lock nut by turning it clockwise.
2. Adjust each foot by turning it clockwise or anticlockwise.
3. Use a spirit level to make sure that the appliance is properly levelled.
4. Tighten each lock nut by turning it anticlockwise.

### Caution

**Make sure that all lock nuts are tightened securely and the feet are still bolted to the appliance.**

If they are unbolted, the appliance will move around.

The dryer can be stacked on top of a Panasonic washing machine using the Washer-dryer stacking kit (N-SKT100).  
- Panasonic accessory available to order



Read carefully the assembly instructions supplied with the stacking kit.

The diagram shows a dryer stacked on top of a washer. A callout box shows the stacking kit (N-SKT100) which is a long metal bar with brackets at each end. Labels 'Dryer' and 'Washer' are present.

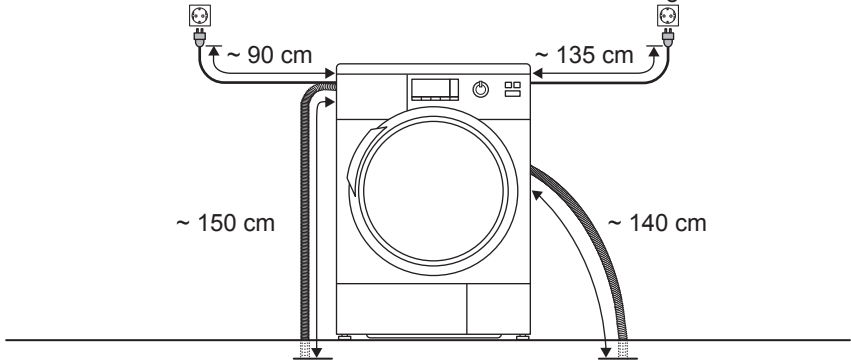
# Connecting Power Supply and Hose

Follow the instructions in this section to prevent water leaks. If you are unsure, ask a service agent to connect the hoses.

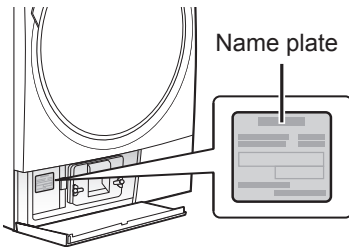
## Hose and mains lead lengths

Left side connections

Right side connections



## Connecting to the power supply



### Caution

The name plate indicates the rated power that the appliance needs. Make sure that the power supply specifications in your residence match the information mentioned here.

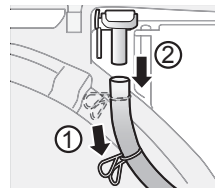
## Connecting the extended water-drain hose

### Caution

Do NOT twist, pull out, or bend the drain hose.

The water container does not require emptying when water is externally drained.

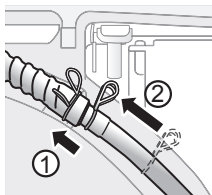
1. Slide down the spring clamp, and then disconnect the water-drain hose from the unit with a pair of pliers.



Drain off any water inside of the water-drain hose.

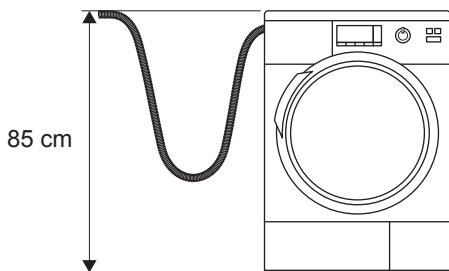
# Connecting Power Supply and Hose

2. Connect the water-drain hose to the extended water-drain hose, and then affix the spring clamp to it.



3. Run the extended water-drain hose toward the right side (as viewed from the front of the unit) and wind it in one of the following patterns.

- When using the water drain hose, water can be drained at the height of appliance (approx. 85 cm) by the drain pump contained in this appliance.



- Do not roll the drain hose when using. Also, do not arrange the drain hose in the twisted or bent state. Water may not be drained properly.

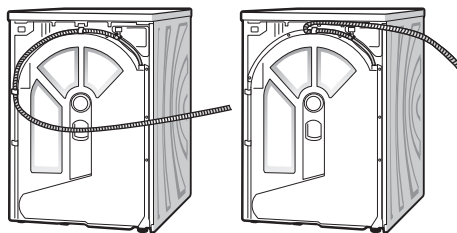
## Caution

**Do NOT let the tip of the water-drain hose dip into the drained water.**

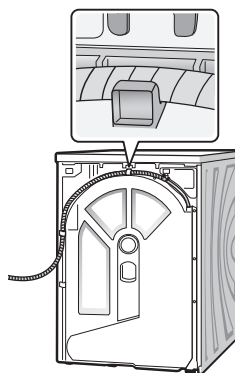
This can cause water to flow back into the appliance.

- Left side connection

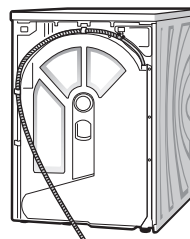
For a left side connection, the first pattern is recommended.



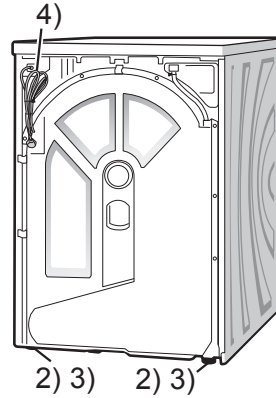
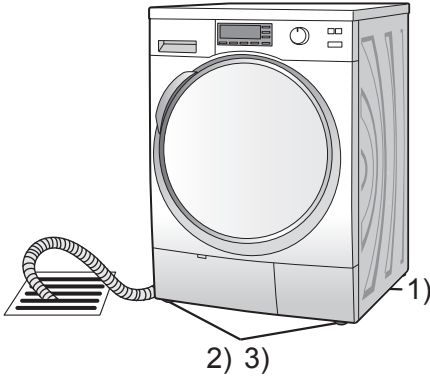
- Right side connection



- Rear side connection



## Installation checklist



### 1) Location

Is the appliance on a flat, stable surface?  
Does it run without vibrating?

### 2) Adjustable feet

Are they bolted securely to the appliance?

### 3) Foot cushions

Are they standing flat?  
If the appliance is not level, there may be abnormal sounds when water is drained out.

### 4) Power supply

Is the household dedicated mains socket, fully rated at AC 220 V to 240 V?

## Test run after installation

Check for abnormal noise WITHOUT laundry in the drum.

**1. Close the door.**

**2. Press the On button.**

**3. Press the Start button.**

Check whether there is any abnormal noise.

If so, make sure that the appliance is level.

After resolving any noise issues, resume the test.

# Power Consumption

Programme		Additional function	Load	Final spin speed in a washing machine	Power consumption	Time
Cotton/ Colours	Cupboard Dry	Eco	7 kg	1600 r/min	1.47 kWh	2:30
				1000 r/min	1.67 kWh	2:50
		Speed	7 kg	1000 r/min	1.05 kWh	1:50
				1600 r/min	1.60 kWh	1:42
	Iron Dry	Eco	7 kg	1600 r/min	1.17 kWh	2:00
				1000 r/min	1.37 kWh	2:20
		Speed	7 kg	1600 r/min	1.30 kWh	1:10
				1000 r/min	1.50 kWh	1:30
Easy-care	Cupboard Dry	Eco	4 kg	1000 r/min	0.70 kWh	1:10
	Iron Dry	Eco	4 kg	1000 r/min	0.60 kWh	0:50

- 1) The results shown here comply with IEC 61121. Each result indicates the value required until the end of each programme with the Drying Level 3 and Anti-crease process ON set. Power consumption and time during Anti-crease process are not included.
- 2) The power consumption, and times indicated in the table, may vary depending on variations in room temperatures, types and amounts of laundry, voltage fluctuations, and which optional functions are used.
- 3) The Cotton/Colours - Cupboard Dry - Eco mode is suitable for drying normal wet cotton laundry and that is the most efficient programme in terms of energy consumption for cotton.

# Specifications

<b>Model No.</b>	<b>NH-P70G2</b>
<b>Rated voltage</b>	220 - 240 V
<b>Rated frequency</b>	50 Hz
<b>Maximum energy rated power input</b>	870 - 910 W
<b>Power consumption</b>	Off-mode 0.18 W Left-on mode 1.36 W
<b>Product weight</b>	55 kg
<b>Maximum mass of dry cloth</b>	7 kg
<b>Product dimensions</b>	596 mm (W) x 625 mm (D) x 845 mm (H)

**Panasonic Corporation**

Web Site: <http://panasonic.net>

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