# **COOKING HINTS**





#### Hints and tips



#### WARNING!

Refer to Safety chapters.



The temperature and baking times in the tables are guidelines only. They depend on the recipes and the quality and quantity of the ingredients used.

#### Cooking recommendations

Your oven may bake or roast differently to the oven you had before. The tables below show recommended settings for temperature, cooking time and shelf position for specific types of the food.

If you cannot find the settings for a special recipe, look for the similar one.

For more cooking recommendations refer to cooking tables on our website. To find the Cooking Hints check the PNC number on the rating plate on the front frame of the oven cavity.

### Advice for special heating functions of the oven

#### **Keep Warm**

The function allows you to keep food warm. The temperature is set automatically to 80 °C.

#### **Plate Warming**

The function allows you to warm plates and dishes before serving. The temperature is set automatically to 70 °C.

Place plates and dishes in stacks evenly on the wire shelf. Use the first shelf position. After half of the warming time switch their places.

#### **Dough Proving**

The function allows you to rise yeast dough. Put the dough into a big dish. Use the first shelf position. Set function: Dough Proving and the cooking time.

#### Defrost

Remove the food packaging and put the food on a plate. Do not cover the food, as it can extend the defrosting time. Use the first shelf position.

#### Full Steam

Be careful when you open the oven door when the function is on. Steam can release.

#### Sterilisation

This function allows you to sterilise containers (e.g. baby bottles).

Put the clean containers upside down in the centre of the shelf on the first shelf position.

Fill the drawer to the maximum level and set the time to 40 minutes.

#### Cooking

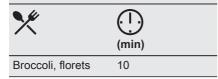
This function allows you to prepare all types of food, fresh or frozen. You can use it to cook, warm, defrost, poach or blanch vegetables, meat, fish, pasta, rice, semolina and eggs.

You can prepare a meal comprising a few dishes during a single cooking session. To ensure all the dishes will be ready at the same time start with the food with the longest cooking time then add the remaining dishes at the appropriate time, as specified in the cooking tables

Example: The total time of this cooking session is 40 min. First, put in Boiled potatoes, quartered, after 20 min add Salmon fillets and Broccoli, florets after 30 min.

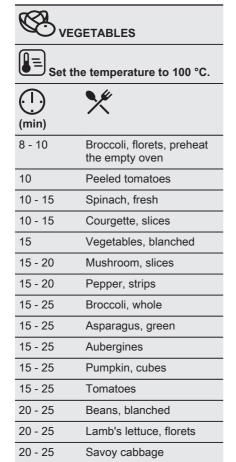
*	(min)
Boiled potatoes, quartered	40
Salmon fillets	20

Example: The total time of this cooking session is 40 min. First, put in Boiled potatoes, quartered, after 20 min add Salmon fillets and Broccoli, florets after 30 min.



Use the largest quantity of water required when you cook more than one dish at the same time.

Use the second shelf position.



Celery, cubed

20 - 30





50 - 60

55 - 65

60 - 90

70 - 90

Set the temperature to 100 °C.

	<u> </u>
(min)	*
20 - 30	Leek, rings
20 - 30	Peas
20 - 30	Snow peas / Kaiser peppers
20 - 30	Sweet potatoes
20 - 30	Fennel
20 - 30	Carrots
25 - 35	Asparagus, white
25 - 35	Brussels sprouts
25 - 35	Cauliflower, florets
25 - 35	Kohlrabi, strips
25 - 35	White haricot beans
30 - 40	Sweet corn on the cob
35 - 45	Black salsify
35 - 45	Cauliflower, whole
35 - 45	Green beans
40 - 45	Cabbage white or red, strips

Artichokes

Sauerkraut

Beetroot

Dried beans, soaked, water / beans ratio 2:1

# SIDE DISHES / ACCOMPANIMENTS



Set the temperature to 100 °C.

$\bigcirc$
(min)



` '	
15 - 20	Couscous, water / couscous ratio 1:1
15 - 25	Tagliatelle, fresh
20 - 25	Semolina pudding, milk / semolina ratio 3.5:1
20 - 30	Lentils, red, water / lentils ratio 1:1
25 - 30	Spaetzle
25 - 35	Bulgur, water / bulgur ratio 1:1
25 - 35	Yeast dumplings
30 - 35	Fragrant rice, water / rice ratio 1:1
30 - 40	Boiled potatoes, quartered
35 - 45	Bread dumpling
35 - 45	Potato dumplings
35 - 45	Rice, water / rice ratio 1:1, the ratio of water to rice can change according to the type of rice
40 - 50	Polenta, liquid ratio 3:1
40 - 55	Rice pudding, milk / rice ratio 2.5:1
45 - 55	Unpeeled potatoes, medium
55 - 60	Lentils, brown and green, water / lentils ratio 2:1





Set the temperature to 100 °C.





#### min)

10 - 15	Apple slices
10 - 15	Hot berries
10 - 20	Chocolate melting
20 - 25	Fruit compote



#### FISH





(min)		(°C)
15 - 20	Thin fish fillet	75 - 80
20 - 25	Prawns, fresh	75 - 85
20 - 30	Mussels	100
20 - 30	Salmon fillets	85
20 - 30	Trout, 0.25 kg	85
30 - 40	Prawns, frozen	75 - 85
40 - 45	Salmon trout, 1 kg	85
	·	



#### MEAT



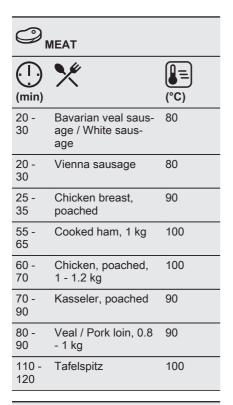


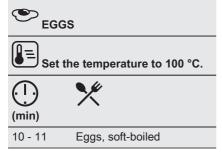


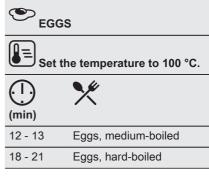
(min)

15 - Chipolatas 20 °C)

80







# Combining function: Turbo Grilling + Full Steam

You can combine these functions to cook meat, vegetables and side dishes at one time.

- 1. Set the function: Turbo Grilling to roast meat.
- 2. Add the prepared vegetables and side dishes.
- 3. Decrease oven temperature to around 90 °C. You can open the oven door to the first position for approximately 15 minutes.
- Set the function: Full Steam. Cook all dishes together until they are ready.

Use the first shelf position for meat and the third shelf position for vegetables.

*	Turbo Grilling First step: cook meat		Full Steam Second step: add vegetables	
	(°C)	(min)	(°C)	(min)
Roast beef, 1 kg / Brussels sprouts, polen- ta	180	60 - 70	100	40 - 50
Roast pork, 1 kg / Potatoes / Vegetables, gravy	180	60 - 70	100	30 - 40
Roast veal, 1 kg / Rice / Veg- etables	180	50 - 60	100	30 - 40

#### **Humidity High**

Use the second shelf position.

*	(°C)	(min)
Custard / Flan, in small dishes	90	35 - 45
Baked eggs	90 - 110	15 - 30
Terrine	90	40 - 50
Thin fish fillet	85	15 - 25
Thick fish fillet	90	25 - 35
Small fish, up to 0.35 kg	90	20 - 30
Whole fish, up to 1 kg	90	30 - 40
Dumplings	120 - 130	40 - 50

#### **Humidity Low**

Use the second shelf position unless specified otherwise.

*	(°C)	(min)
Ready-to-bake rolls	200	15 - 20
Ready-to-bake ba- guettes, 40 - 50 g	200	15 - 20
Ready-to-bake ba- guettes, frozen, 40 - 50 g	200	25 - 35
Meatloaf, raw, 0.5 kg	180	30 - 40
Pasta bake	170 - 190	40 - 50
Lasagne	170 - 180	45 - 55
Bread, 0.5 - 1 kg	180 - 190	45 - 60
Potato gratin	160 - 170	50 - 60
Chicken, 1 kg	180 - 210	50 - 60

*	(°C)	(min)
Pork loin, smoked, 0.6 - 1 kg, soak for 2 hours	160 - 180	60 - 70
Roast beef, 1 kg	180 - 200	60 - 90
Duck, 1.5 - 2 kg	180	70 - 90
Roast veal, 1 kg	180	80 - 90
Roast pork, 1 kg	160 - 180	90 - 100
Goose, 3 kg, use the first shelf posi- tion	170	130 - 170

#### **Steam Regenerating**

Use the second shelf position.

*	(°C)	(min)
One-plate dishes	110	10 - 15
Pasta	110	10 - 15
Rice	110	10 - 15
Dumplings	110	15 - 25

#### Steamify

**Steam for Steaming**Use the second shelf position.

	-
VEGE	TABLES
Set the to 100 °C.	temperature maximum
(min)	*
8-10	Broccoli, florets, pre- heat the empty oven
10	Peeled tomatoes
10-15	Spinach, fresh
10-15	Courgette, slices
15	Vegetables, blanched
15-20	Pepper, strips
15-20	Mushroom, slices
15-25	Aubergines
15-25	Cauliflower, whole
15-25	Broccoli, whole
15-25	Asparagus, green
15-25	Tomatoes
15-25	Pumpkin, cubes
20-25	Lamb's lettuce, florets
20-25	Savoy cabbage
20-25	Beans, blanched
20-30	Sweet potatoes
20-30	Peas
20-30	Fennel
20-30	Carrots
20-30	Leek, rings
20-30	Celery, cubed

Snow peas

Cauliflower, florets

Kohlrabi, strips

Brussels sprouts

20-30

25-35

25-35

25-35



Set the temperature maximum to 100 °C.

(min)	*
25-35	Asparagus, white
25-35	White haricot beans
30-40	Sweet corn on the cob
35-45	Green beans
35-45	Black salsify
40-45	Cabbage white or red, strips
50 - 60	Artichokes
55-65	Dried beans, soaked
60-90	Sauerkraut
70-90	Beetroot

# SIDE DISHES / ACCOMPANIMENTS

Set the temperature maximum to 100 °C.

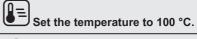
(min)	*
15-20	Couscous, water / couscous ratio 1:1
15-25	Tagliatelle, fresh
20-25	Semolina pudding, milk / semolina ratio 3:5:1
20-30	Lentils, red, water / lentils ratio 1:1
25-30	Spaetzle
25-35	Bulgur, water / bulgur ratio 1:1

# SIDE DISHES / ACCOMPANIMENTS

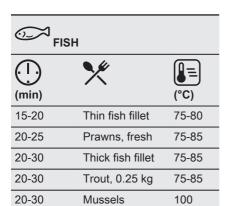
Set the temperature maximum to 100 °C.

(min)	*
25-35	Yeast dumplings
30-35	Fragrant rice, water / rice ratio 1:1
30-40	Boiled potatoes, quartered
35-45	Potato dumplings
35-45	Rice, water / rice ratio 1:1, the ratio of water to rice can change ac- cording to the type of rice.
35-45	Bread dumpling
40-50	Polenta, liquid ratio 3:1
40-55	Rice pudding, milk / rice ratio 2.5:1
45-55	Unpeeled potatoes, medium
55-60	Lentils, brown and green, water / lentils ratio 2:1





(min)	*
10-15	Apple slices
10-15	Hot berries
10-20	Chocolate melting
20-25	Fruit compote



Prawns, frozen

75-85

30-40

9

MEAT		
(min)	*	(°C)
15-20	Chipolatas	80
20-30	Bavarian veal sausage / White sausage	80
20-30	Vienna sausage	80
25-35	Chicken breast, poached	90
55-65	Cooked ham, 1 kg	100
60-70	Chicken, poached, 1 - 1.2 kg	100
70-90	Kasseler, poached	90
80-90	Veal / Pork loin, 0.8 - 1 kg	90
110-120	Tafelspitz	100

# EGGS (min) 10-11 Eggs, soft-boiled 100 12-13 Eggs, medium-boiled 18-21 Eggs, hard-boiled

Custard / Flan

Terrine

85

85

#### Steam for Stewing

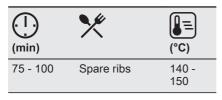
35-45

40-50

(min)	*	(°C)
15 - 20	Baked eggs	110
20 - 30	Whole fish, up to 1 kg	120 - 130
40 - 50	Dumplings	120 - 130
50 - 60	Stewed / Braised fish	130
60 - 90	Stewed / Braised chicken	130
100 - 140	Stewed / Braised meat	130

#### **Steam for Gentle Crisping**

(min)	*	(°C)
20 - 40	Fish gratin	150
35 - 50	Stuffed vegeta- bles	150
35 - 45	Pasta bake / Casseroles	150
40 - 50	Lasagne	150
60 - 70	Potato gratin	150



#### Steam for Baking and Roasting

(min)	*	(°C)
15 - 20	Ready-to-bake baguettes, 0.04 - 0.05 kg	200
15 - 25	Biscuits	155-170
20 - 35	Sweet yeast dough bakeries	170 - 180
25 - 35	Ready-to-bake baguettes, fro- zen, 0.04 - 0.05 kg	200
25 - 35	Bread rolls	180 - 200
25 - 40	Roasted fish fil- let	170 - 180
30 - 40	Meatloaf, un- cooked, 0.5 kg	180
30 - 40	Roasted casser- ole	160
30 - 40	Omlette	160-170
30 - 45	Sweet bread	160 - 170
35 - 45	Roasted fish	170 - 180
45 - 60	Various types of bread, 0.5 - 1 kg	180 - 190
45 - 60	Sweet dishes	160 - 180
50 - 60	Chicken, 1 kg	180-210

(min)	*	(°C)
60 - 70	Loin of pork, smoked, 0.6 - 1 kg	160-180
60 - 90	Roast beef, 1 kg	180-200
70 - 90	Duck, 1.5 - 2 kg	180
80 - 90	Roast veal, 1 kg	180
90 - 100	Roast pork, 1 kg	160-180

Use the first shelf position.			
(min)	*	(°C)	
15-30	Pizza / Focaccia	190 - 210	
30-45	Puff pastry / Sa- voury cake / Rolls	155 - 180	
45-60	Short crust pas- try	155 - 170	
130-170	Goose, 3 kg	170	

#### **Baking**

Use the lower temperature the first time.

You can extend baking times by 10 - 15 minutes if you bake cakes on more than one shelf position.

Cakes and pastries at different heights do not always brown equally. There is no need to change the temperature setting if an unequal browning occurs. The differences equalize during baking.

Trays in the oven can twist during baking. When the trays become cold again, the distortions disappear.

#### Tips on baking

Baking results	Possible cause	Remedy
The bottom of the cake is not baked sufficiently.	The shelf position is incorrect.	Put the cake on a lower shelf.
The cake sinks and becomes soggy or	The oven temperature is too high.	Next time set slightly lower oven temperature.
streaky.	The baking time is too short.	Next time set a longer baking time and lower oven temperature.
The cake is too dry.	The oven temperature is too low.	Next time set higher oven temperature.
	The baking time is too long.	Next time set shorter baking time.
The cake bakes unevenly.	The oven temperature is too high and the baking time is too short.	Set lower oven temperature and longer baking time.
	The cake batter is not evenly distributed.	Next time spread the cake batter evenly on the baking tray.
The cake is not ready in the baking time specified in a recipe.	The oven temperature is too low.	Next time set a slightly higher oven temperature.

#### Baking on one level

BAKING IN TINS				
×		(°C)	(min)	<u>+</u>
Ring cake / Brio- che	True Fan Cook- ing	150 - 160	50 - 70	1
Madeira cake / Fruit cakes	True Fan Cook- ing	140 - 160	70 - 90	1
Flan base - short pastry, preheat the empty oven	True Fan Cook- ing	150 - 160	20 - 30	2
Flan base - sponge cake mix- ture	True Fan Cook- ing	150 - 170	20 - 25	2
Cheesecake	Conventional Cooking	170 - 190	60 - 90	1



# CAKES / PASTRIES / BREADS ON BAKING TRAYS



#### Preheat the empty oven unless specified otherwise.

*		(°C)	(min)	<u></u>
Plaited bread / Bread crown, pre- heating is not needed	Conventional Cooking	170 - 190	30 - 40	3
Christstollen	Conventional Cooking	160 - 180	50 - 70	2
Rye bread:	Conventional	first: 230	20	1
	Cooking	then: 160 - 180	30 - 60	
Cream puffs / Eclairs	Conventional Cooking	190 - 210	20 - 35	3
Swiss roll,	Conventional Cooking	180 - 200	10 - 20	3
Cake with crumble topping, preheating is not needed	True Fan Cooking	150 - 160	20 - 40	3
Buttered almond cake / Sugar cakes	Conventional Cooking	190 - 210	20 - 30	3
Fruit flans, pre- heating is not needed	Conventional Cooking	180	35 - 55	3
Yeast cakes with delicate toppings (e.g. quark, cream, custard)	Conventional Cooking	160 - 180	40 - 60	3

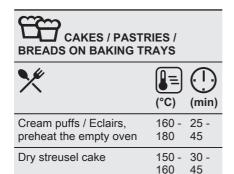
BISCUITS					
Use the third sh	Use the third shelf position.				
*		(°C)	(min)		
Short pastry / Sponge cake mixture	True Fan Cooking	150 - 160	15 - 25		
Meringues	True Fan Cooking	80 - 100	120 - 150		
Macaroons	True Fan Cooking	100 - 120	30 - 50		
Yeast dough biscuits	True Fan Cooking	150 - 160	20 - 40		
Puff pastries, preheat the empty oven	True Fan Cooking	170 - 180	20 - 30		
Rolls, preheat the empty oven	Conventional Cook- ing	190 - 210	10 - 25		

#### **Bakes and gratins**

Use the first shelf position.			
*		(°C)	(min)
Pasta bake	Conventional Cooking	180 - 200	45 - 60
Lasagne	Conventional Cooking	180 - 200	25 - 40
Vegetables au gratin, preheat the empty oven	Turbo Grilling	170 - 190	15 - 35
Baguettes with melted cheese	True Fan Cooking	160 - 170	15 - 30
Milk rice	Conventional Cooking	180 - 200	40 - 60
Fish bakes	Conventional Cooking	180 - 200	30 - 60
Stuffed vegetables	True Fan Cooking	160 - 170	30 - 60

#### **Multilevel Baking**

Use the function: True Fan Cooking. For 2 trays use the first and fourth shelf position.



BISCUITS		
*	(°C)	(min)
Short pastry biscuits	150 - 160	20 - 40
Meringues	80 - 100	130 - 170
Macaroons	100 - 120	40 - 80
Yeast dough biscuits	160 - 170	30 - 60
Puff pastries, preheat the empty oven	170 - 180	30 - 50

BISCUITS		
*	(°C)	(min)
Rolls	180	20 - 30

#### **Tips on Roasting**

Use heat-resistant ovenware.

Roast lean meat covered.

Roast large meat joints directly in the tray or on the wire shelf placed above the tray.

Put some water in the tray to prevent dripping fat from burning.

Turn the roast after 1/2 - 2/3 of the cooking time.

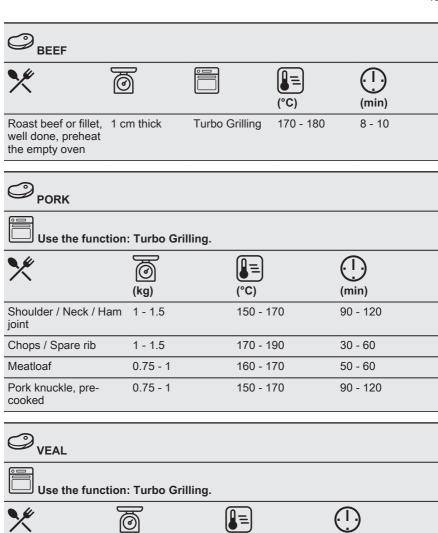
Roast meat and fish in large pieces (1 kg or more).

Baste meat joints with their own juice several times during roasting.

#### Roasting

Use the first shelf position.

© <sub>BEEF</sub>				
*	Ō		(°C)	(min)
Pot roast	1 - 1.5 kg	Conventional Cooking	230	120 - 150
Roast beef or fillet, rare, preheat the empty oven	1 cm thick	Turbo Grilling	190 - 200	5 - 6
Roast beef or fillet, medium, preheat the empty oven	1 cm thick	Turbo Grilling	180 - 190	6 - 8



(°C)

160 - 180

160 - 180

(min)

90 - 120

120 - 150

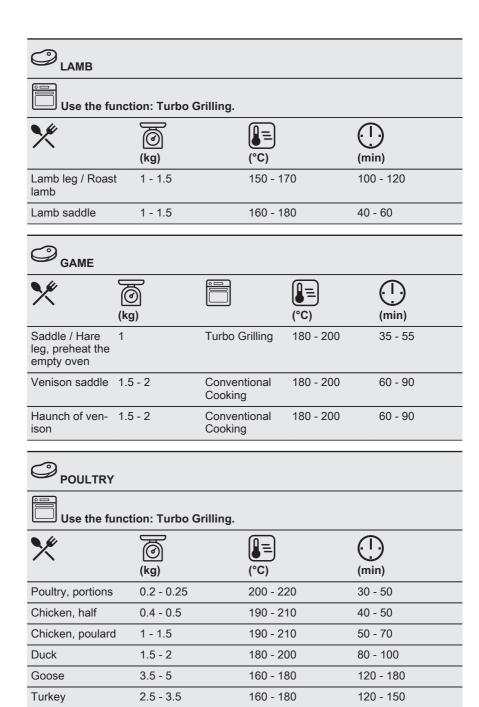
(kg)

1.5 - 2

1

Roast veal

Veal knuckle

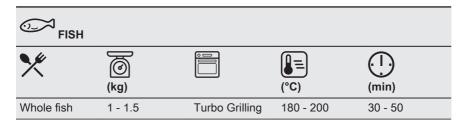


140 - 160

150 - 240

4 - 6

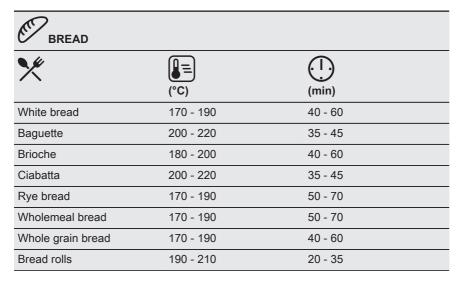
Turkey



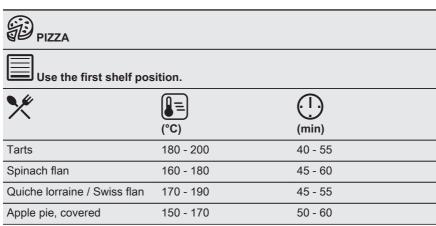
#### **Bread Baking**

Use the second shelf position.

Preheating is not recommended.



#### **Crispy baking with Pizza Function**







Preheat the empty oven before cooking.



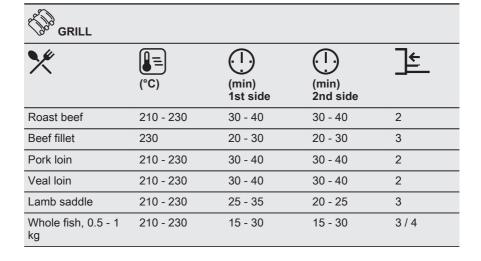
Use the second shelf position.

*	(°C)	(min)
Pizza, thin crust, use the deep pan	210 - 230	15 - 25
Pizza, thick crust	180 - 200	20 - 30
Unleavened bread	210 - 230	10 - 20
Puff pastry flan	160 - 180	45 - 55
Flammkuchen	210 - 230	15 - 25
Pierogi	180 - 200	15 - 25
Vegetable pie	160 - 180	50 - 60

#### Grill

Preheat the empty oven before cooking.

Put the pan into the first shelf position to collect fat.



#### **Slow Cooking**

This function allows you to prepare lean, tender meat and fish. It is not applicable for: poultry, fatty roast pork, pot roast. Food Sensor temperature should not be higher than 65  $^{\circ}\text{C}$  .

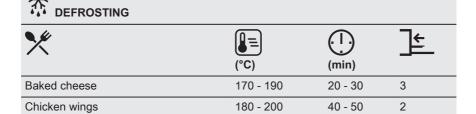
- 1. Sear the meat for 1 2 minutes on each side in a pan over high heat.
- 2. Put the meat in the roasting pan or directly on the wire shelf. Put a tray below the wire shelf to collect fat.

- Always cook without a lid while using this function.
- 3. Use Food Sensor.
- 4. Select the function: Slow Cooking. You can set the temperature between 80 °C and 150 °C for the first 10 minutes. The default is 90 °C. Set the temperature for Food Sensor.
- After 10 minutes, the oven automatically lowers the temperature to 80 °C.

Set the temperature to 120 °C.				
*	(kg)	(min)	<u>+</u>	
Steaks	0.2 - 0.3	20 - 40	3	
Fillet of beef	1 - 1.5	90 - 150	3	
Roast beef	1 - 1.5	120 - 150	1	
Roast veal	1 - 1.5	120 - 150	1	

#### **Frozen Foods**

DEFROSTING			
*	(°C)	(min)	<u></u>
Pizza, frozen	200 - 220	15 - 25	2
Pizza American, frozen	190 - 210	20 - 25	2
Pizza, chilled	210 - 230	13 - 25	2
Pizza snacks, frozen	180 - 200	15 - 30	2
French fries, thin	190 - 210	15 - 25	3
French fries, thick	190 - 210	20 - 30	3
Wedges / Croquettes	190 - 210	20 - 40	3
Hash browns	210 - 230	20 - 30	3
Lasagne / Cannelloni, fresh	170 - 190	35 - 45	2
Lasagne / Cannelloni, frozen	160 - 180	40 - 60	2



#### **Preserving**

Use only preserve jars of the same dimensions available on the market.

Do not use jars with twist-off and bayonet type lids or metal tins.

Use the first shelf position.

Put no more than six one-litre preserve jars on the baking tray.

Fill the jars equally and close with a clamp.

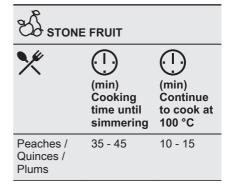
The jars cannot touch each other.

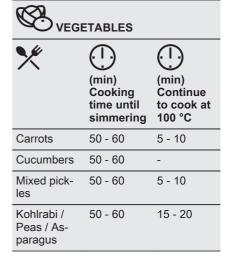
Put approximately 1/2 litre of water into the baking tray to give sufficient moisture in the oven.

Set the temperature to 160 - 170 °C.

When the liquid in the jars starts to simmer (after approximately 35 - 60 minutes with one-litre jars), stop the oven or decrease the temperature to 100 °C (see the table).

SOFT FRUIT	
*	(min) Cooking time until simmering
Strawberries / Blue- berries / Raspber- ries / Ripe goose- berries	35 - 45





# **Dehydrating - True Fan** Cooking

Cover trays with grease proof paper or baking parchment.

For a better result, stop the oven halfway through the drying time, open the door and let it cool down for one night to complete the drying.

For one tray use the third shelf position.

For 2 trays use the first and fourth shelf position.

VEGETABLES			
*	(°C)	(h)	
Beans	60 - 70	6 - 8	
Peppers	60 - 70	5 - 6	
Vegetables for soup	60 - 70	5 - 6	
Mushrooms	50 - 60	6 - 8	
Herbs	40 - 50	2 - 3	

# FRUIT Set the temperature to 60 - 70 (h) Plums 8 - 10 Apricots 8 - 10 Apple slices 6 - 8 Pears 6 - 9

#### **Food Sensor**

BEEF	Food core temperature (°C)		
	Rare	Medium	Well done
Roast beef	45	60	70
Sirloin	45	60	70

BEEF	Food core temperature (°C)		
	Less	Medium	More
Meatloaf	80	83	86

PORK	Food core temperature (°C)		
	Less	Medium	More
Ham / Roast	80	84	88
Saddle chop / Pork loin, smoked / Pork loin, poached	75	78	82

○ veal	Food core temperature (°C)		
	Less	Medium	More
Roast veal	75	80	85
Veal knuckle	85	88	90

MUTTON / LAMB	Food core temperature (°C)		
	Less	Medium	More
Mutton leg	80	85	88
Mutton saddle	75	80	85
Roast lamb / Lamb leg	65	70	75

GAME	Food core temperature (°C)		
	Less	Medium	More
Hare saddle / Venison saddle	65	70	75
Hare leg / Hare, whole / Venison leg	70	75	80

POULTRY	Food core temperature (°C)		
	Less	Medium	More
Chicken	80	83	86
Duck, whole / half / Turkey, whole / breast	75	80	85
Duck, breast	60	65	70

FISH (SALMON,	Food core temperature (°C)		
TROUT, ZANDER)	Less	Medium	More
Fish, whole / large / steamed / Fish, whole / large / roasted	60	64	68

CASSEROLES - PRE-	Food core temperature (°C)		
COOKED VEGETABLES	Less	Medium	More
Zucchini casserole / Broccoli casserole / Fennel casserole	85	88	91

CASSEROLES - SAVOU-	Food core temperature (°C)		
RY	Less	Medium	More
Cannelloni / Lasagne / Pasta bake	85	88	91

CASSEROLES - SWEET	Food core temperature (°C)		
	Less	Medium	More
White bread casserole with / without fruit / Rice porridge casserole with / without fruit / Sweet noodle casserole	80	85	90