Operating instructions

for the system user

DHW heat pump
- **CNHMV-E**: With immersion heater EHE
- **ENHMV-E**: With connection for external heat generator

HWS-G2501

6222510_EN 05/2024

Please keep safe.

For your safety

Please follow these safety instructions closely to prevent accidents and material losses.

Safety instructions explained

Danger
This symbol warns against the risk of injury.

Please note
This symbol warns against the risk of material losses and environmental pollution.

Note
Details identified by the word "Note" contain additional information.

Target group

These operating instructions are intended for system users.
This appliance can also be operated by children of 8 years and older, as well as by individuals with reduced physical, sensory or mental faculties or those lacking in experience and knowledge, provided such individuals are being supervised or have been instructed in the safe use of this appliance as well as in any risks arising from it.

Please note
Supervise children in the proximity of the appliance.
- Never permit children to play with the appliance.
- Cleaning and maintenance must not be carried out by unsupervised children.

Appliance connection

- The appliance may only be connected and commissioned by authorised contractors.
- Observe the specified electrical connection requirements.
- Modifications to the existing installation may only be carried out by authorised contractors.

Danger
Incorrectly executed work on the system can lead to life-threatening accidents.
Work on electrical equipment must only be carried out by a qualified electrician.

Work on the appliance

- All settings and work on the appliance must be carried out as specified in these operating instructions. Further work on the appliance may only be carried out by authorised contractors.
- Never open the appliance.
- Never remove casings.
- Never change or remove attachments or fitted accessories.
- Never open or retighten pipe connections.

Danger
Hot surfaces can cause burns.
- Never open the appliance.
- Never touch the hot surfaces of uninsulated pipes and fittings.

In case of fire

Danger
Fires create a risk of burns.
- Switch the system OFF.
- Use a tested fire extinguisher, class ABC.

For your safety (cont.)

Conditions for siting

Danger
Easily flammable liquids and materials (e.g. naphtha, solvents, cleaning agents, paints or paper) can cause deflagration and fire.
Never store or use such materials in the installation room or in direct proximity to the heating system.

Please note
Unsuitable ambient conditions can lead to system damage and can put safe operation at risk.
- Maintain the permissible ambient temperatures as detailed in the operating instructions.
- **Appliance for indoor installation:**
  - Avoid air contamination through halogenated hydrocarbons (e.g. as in paints, solvents and cleaning agents).
  - Avoid continuously high humidity levels (e.g. through continuous drying of washing).

Auxiliary components, spare and wearing parts

Please note
Components that were not tested with the system may cause system damage, or may affect its functions.
Have all installation or replacement work carried out by qualified contractors.

Index

1.	**Introductory information**	Symbols	5
		Intended use	5
		Product information	6
		■ HWS-G2501	6
		Outside temperature limits	6
		Permissible air intake temperatures	7
		Commissioning	7
		Your system is preset at the factory	7
		Energy saving tips	7
		Tips for greater comfort	7
2.	**Control unit operation**	Programming unit	8
		■ Default display	8
3.	**DHW heating**	Setting the DHW temperature	9
		Selecting an operating program	9
		■ **"ECO"** operating program	10
		■ **"SMART"** operating program	10
		■ **"AUTO"** operating program	11
		■ **"bOOST"** operating program	11
		■ **"PROG"/"Night"** operating program	12
		■ **"OUT"** operating program (holiday program)	12
		Setting the time program for DHW heating	13
		DHW demand	13
		Increased DHW hygiene	14
4.	**Power from a photovoltaic system**	Utilisation of power generated on site	14
5.	**Further settings**	Time and day	15
		Childproofing	15
		Restoring factory settings (reset)	15
6.	**Checks**	Calling up information	16
		Calling up messages	16
7.	**Switching on and off**	Stopping the DHW heat pump	17
		■ Shutting down the system	17
		Starting the DHW heat pump	17
		■ After a shutdown or a power failure lasting longer than 24 hours	17
8.	**What to do if...**	DHW heat pump does not start	18
		No input is possible at the programming unit	18
9.	**Maintenance**	Cleaning	19
		Inspection and maintenance	19
		■ Damaged cables / lines	19
		■ DHW cylinder	19
		■ Safety valve (DHW cylinder)	19
		■ Potable water filter (if installed)	19
10.	**Appendix**	Premium/economy tariff	20
		Minimum stop time function	20
		Information on disposal	20
		■ Disposal of packaging	20
		■ Final decommissioning and disposal of the heating system	20
11.	**Keyword index**		21

Symbols

Symbol	Meaning
	Reference to other document containing further information
	Step in a diagram: The numbers correspond to the order in which the steps are carried out.
	Warning of material losses and environmental pollution
	Live electrical area
	Pay particular attention.
	▪ Component must audibly click into place. or ▪ Acoustic signal
	▪ Fit new component. or ▪ In conjunction with a tool: Clean the surface.
	Dispose of component correctly.
	Dispose of component at a suitable collection point. Do **not** dispose of component in domestic waste.

Intended use

The appliance is only intended to be installed and operated in sealed unvented heating systems that comply with EN 12828, with due attention paid to the associated installation, service and operating instructions.

The appliance may only be used for heating DHW.

The range of functions can be extended with additional components and accessories.

Intended use presupposes that a fixed installation in conjunction with permissible, system-specific components has been carried out.

Commercial or industrial use for purposes other than domestic hot water heating shall be deemed inappropriate.

Any usage beyond this must be approved by the manufacturer in each individual case.

Incorrect usage or operation of the appliance (e.g. the appliance being opened by the system user) is prohibited and will result in an exclusion of liability. Incorrect usage also occurs if the components in the heating system are modified from their intended function.

Note

The appliance is intended exclusively for domestic use, i.e. even users who have not had any instruction are able to operate the appliance safely.

Product information

HWS-G2501

A DHW cylinder is integrated into the HWS-G1801CNHMV-E DHW heat pump.
The heat pump uses the thermal energy in the indoor or outdoor air for DHW heating.
At times of peak DHW demand, an immersion heater can provide reheating (fitted at the factory for type T0E-ze; accessory for type T0S-ze).
Type T0S-ze contains the full function range of type T0E-ze. In addition, a solar thermal system or external heat generator (e.g. oil/gas boiler) can be connected.
The heat pump is available for **recirculation air mode**, **outdoor air mode** and **recirculation air mode with air discharge to the outside**.

Recirculation air mode

In recirculation air mode, the ambient temperature (indoor air in the installation room) is used for DHW heating.

When DHW is being heated, the installation room is cooled and dehumidified.

Recirculation air mode with air discharge to the outside

Ambient air is supplied to the DHW heat pump. A separate outdoor air aperture simultaneously allows outdoor air to enter the room.
The ambient air that is cooled down during DHW heating is routed outdoors by the DHW heat pump.

Outdoor air mode

In outdoor air mode, outdoor air is supplied via a duct.
The outdoor air that is cooled down during DHW heating is routed outdoors by the DHW heat pump.

Outside temperature limits

Note
What DHW temperature the heat pump can achieve depends on the outside temperature.
The maximum achieved is 62 °C.

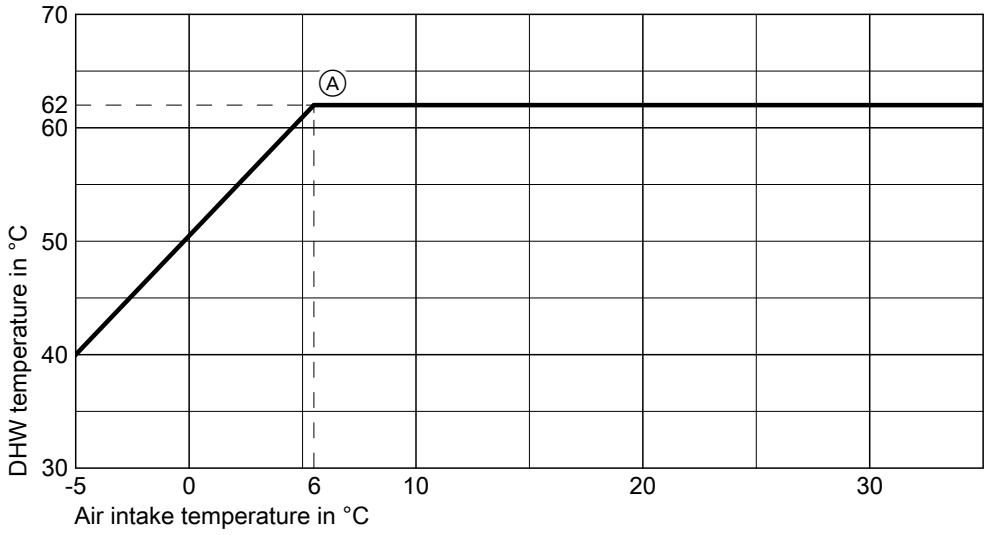

Fig. 1

Ⓐ Maximum DHW temperature achievable by the heat pump: 62 °C

Permissible air intake temperatures

The DHW heat pump shuts down outside the permissible air intake temperatures. In some operating programs, DHW can also be heated outside the permissible air intake temperatures, through the use of an immersion heater (accessories). With type T0S-ze, an external heat generator can be connected.

Permissible air intake temperatures:
- For DHW heating in recirculation air mode and recirculation air mode with air discharge to the outside (temperature in the installation room):
  3 °C to 35 °C.
- For DHW heating in outdoor air mode (outside temperature):
  -5 °C to 35 °C.

Commissioning

The commissioning and matching up of the heat pump control unit to local conditions and to the structural characteristics of the building, plus the instruction of the user in operating the system, must be carried out by your heating contractor.

Your system is preset at the factory

Your DHW heat pump is preset at the factory and is therefore ready for operation.

DHW heating
- DHW is heated every day from **00:00 to 24:00 h** to 53 °C (set DHW temperature).

Day and time
- The day and time have been set by your contractor.

You can change the settings at any time to suit your individual requirements.

Power failure
All settings are retained for 24 hours if there is a power failure.

Energy saving tips

Saving energy on DHW heating

- At night or during regular absences, heat the DHW to a lower temperature. To do so, adjust the time program for DHW heating: See page 13.
- Disable automatic DHW cylinder reheating by the immersion heater. Enable the **"ECO"** operating program: See page 10.

Utilisation of power generated on site (in conjunction with a photovoltaic system)

- Use the power generated by your photovoltaic sys-tem for your DHW heat pump (see page 14).

For additional energy saving functions of the heat pump control unit, please contact your contractor.

Tips for greater comfort

DHW heating

- Adjust the time program for DHW heating so that there is always sufficient hot water in accordance with your habitual routines: See page 13.
  Example:
  You need more DHW in the morning than in the daytime.
- Use the immersion heater (if installed) for automatic DHW cylinder reheating. Enable the AUTO operating program.
- **Quick heat-up "bOOST"** (only in conjunction with an immersion heater; see page 11):
  You can heat up the DHW cylinder immediately, regardless of the time program. Enable the **"bOOST"** operating program.
- **Immersion heater** (if installed):
  Use the immersion heater at low ambient or outside temperatures, or if the DHW heat pump develops a fault, for example.

Programming unit

Default display

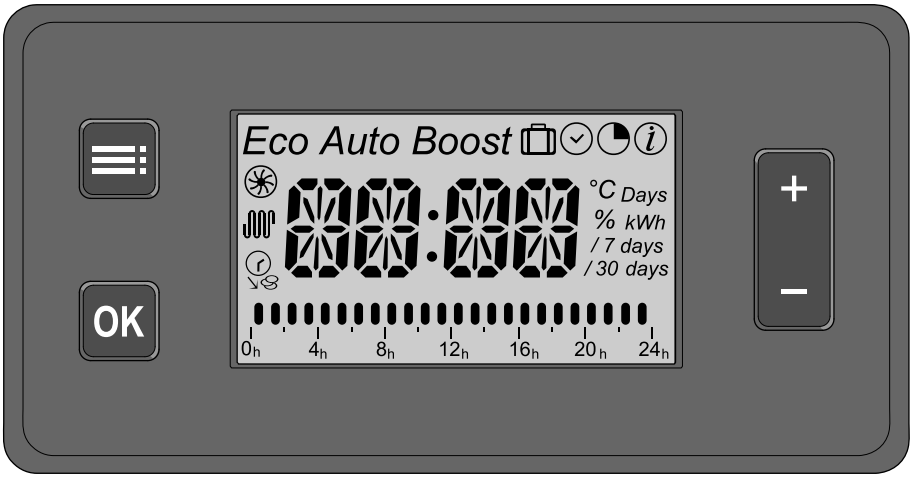

Fig. 2

OK Confirms your selection or saves the setting made.

- Selects the operating program.
- Calls up time programs.
- Displays information.
- Takes you one step back in the menu.
- Terminates an adjustment in progress.

+/− Scrolls through the menu or adjusts values.

Display	Meaning	See page
"ECO"	ECO operating program is selected.	9
"ECO" + **"Auto"**	Smart operating program is selected.	9
"AUTO"	AUTO operating program is selected.	9
"bOOST"	bOOST operating program is selected.	11
	OUT operating program is selected.	10
	Display and set times.	15
+ **"PROG"**	PROG operating program is selected.	13
+ **"Night"**	Night operating program is selected.	9
	Display information.	16
	Heat pump is enabled.	
flashes	Heat pump starts once the minimum stop time has expired.	20
	Immersion heater is enabled.	
	Premium/economy tariff is enabled.	20
flashes	Economy tariff is active.	20
rotates	Increased DHW hygiene function is active.	14
0h 4h 8h 12h 16h 20h 24h	Display of set time phases	15

You can adjust the set DHW temperature in the **"ECO"**, **"AUTO"**, **"PROG" "Night"** and **"bOOST"** operating programs: See page 9.

In the **"Smart"** operating program, you can select the comfort level: See page 10.

Setting the DHW temperature

Factory setting: 53 °C **"ECO"**

Press the following buttons:

1. +/− for the required value.

2. OK to confirm
or

to cancel the adjustment.

Selecting an operating program

Use ☰ to select the required operating program.

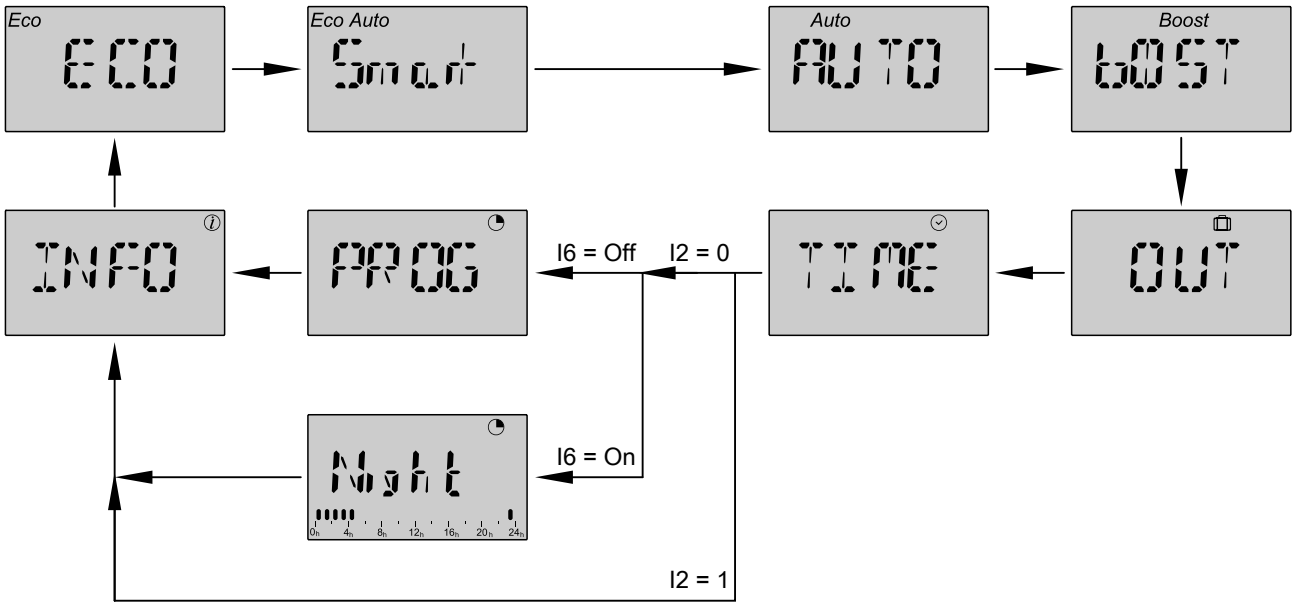

Fig. 3

I2 = 0 Installation without premium/economy tariffs
1 Installation with premium/economy tariffs
Installation and service instructions

I6 = Setting for PROG operating program ◔
Off Standard
On **"Night"** mode: Optimum heating of DHW cylinder between 23:00 h and 05:00 h.

Note
"INFO" *and* ***"TIME"*** *are not operating programs.*
"INFO" *Menu for calling up information: See page 16.*
"TIME" *Menu for setting the time program for DHW heating: See page 13.*

Type ENHMV-E:
If an external heat generator or solar thermal system are connected, they function independently of the operating program selected. Set the heating characteristics of the external heat generator or solar thermal system at the respective control unit.

Examples:
- *If premium/economy tariffs are enabled, DHW is heated by the solar thermal system during the day and by the DHW heat pump on a cheaper tariff at night.*
- *In the ECO operating program, the heat pump switches off once the maximum set DHW temperature has been reached. The external heat generator continues heating to a higher set DHW temperature.*

Selecting an operating program (cont.)

"ECO" operating program

DHW is heated by the DHW heat pump **only**. The max. achievable DHW temperature depends on the outside temperature: See chapter "Outside temperature limits", page 6.

Outside temperature from –5 °C to 35 °C

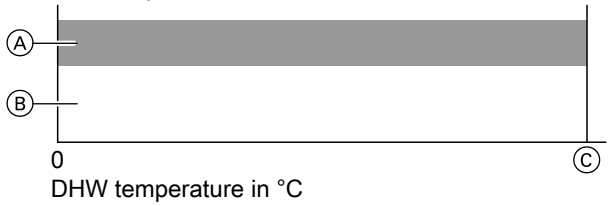

Fig. 4

Ⓐ Heat pump
Ⓑ Immersion heater
Ⓒ DHW temperature achievable with the heat pump (no higher than the set DHW temperature)

Outside temperature below –5 °C or above 35 °C

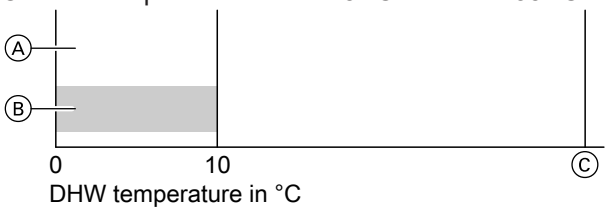

Fig. 5

Ⓐ Heat pump
Ⓑ Immersion heater
Ⓒ DHW temperature achievable with the heat pump (no higher than the set DHW temperature)

"SMART" operating program

DHW is heated by the DHW heat pump according to the learned draw-off profile. The control unit determines the times for DHW heating based on the times when you regularly draw off DHW. The immersion heater is switched on only if the heat pump fails to achieve the set DHW value due to outdoor air temperature being too low.

Setting options: Comfort level SM1 (economy) to SM5 (comfort)

Level	Comfort	Economy	Set DHW temperature in °C (min./max.)
SM1	– –	+ +	45/57
SM2	–	+	45/60
SM3	=	=	45/62
SM4	+	–	50/62
SM5	+ +	– –	55/62

Outside temperature above –2.5 °C

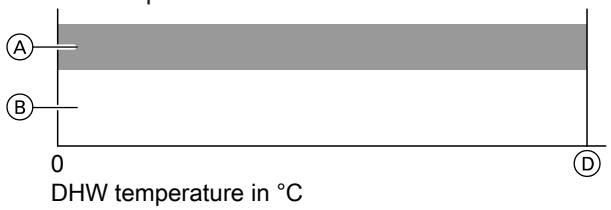

Fig. 6

Ⓐ Heat pump
Ⓑ Immersion heater
Ⓓ DHW set temperature

Outside temperature below –2.5 °C

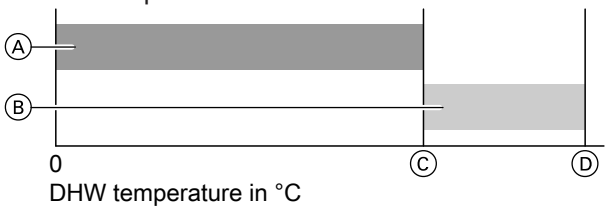

Fig. 7

Ⓐ Heat pump
Ⓑ Immersion heater
Ⓒ DHW temperature achievable by the heat pump
Ⓓ DHW set temperature

Selecting an operating program (cont.)

"AUTO" operating program

- DHW is heated by the DHW heat pump as a priority.
- Depending on the outside temperature and the set DHW temperature, the immersion heater is automatically started too.

Outside temperature from –5 °C to 35 °C

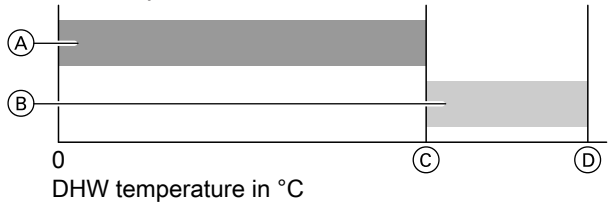

Fig. 8

Ⓐ Heat pump
Ⓑ Immersion heater
Ⓒ DHW temperature achievable by the heat pump
Ⓓ Set DHW temperature (AUTO)

Outside temperature below –5 °C or above 35 °C

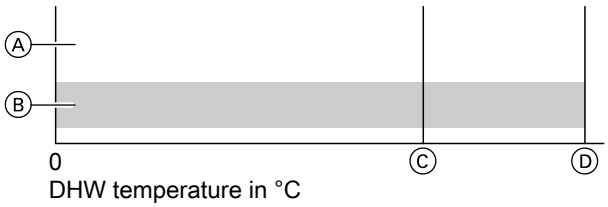

Fig. 9

Ⓐ Heat pump
Ⓑ Immersion heater
Ⓒ DHW temperature achievable by the heat pump
Ⓓ Set DHW temperature (AUTO)

"bOOST" operating program

The bOOST operating program enables quick DHW heating up to the set DHW temperature.
DHW is heated by the DHW heat pump **and** the immersion heater.

Note
Operating an immersion heater results in higher power consumption.

You can adjust the set DHW temperature at any time. As soon as the set DHW temperature has been achieved, the heat pump control unit switches back to the operating program that was previously enabled.
If you want to end the bOOST operating program early, select a different operating program.

Note
After starting, the heat pump will always run for a specified minimum runtime.

Outside temperature from –5 °C to 35 °C

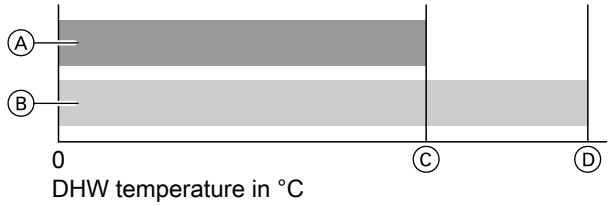

Fig. 10

Ⓐ Heat pump
Ⓑ Immersion heater
Ⓒ DHW temperature achievable by the heat pump
Ⓓ Set DHW temperature (bOOST)

Outside temperature below –5 °C or above 35 °C

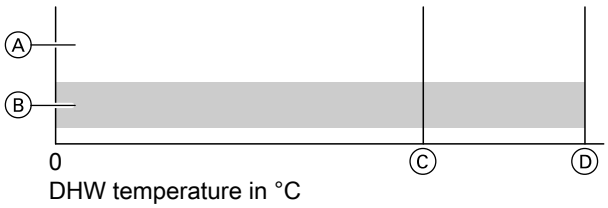

Fig. 11

Ⓐ Heat pump
Ⓑ Immersion heater
Ⓒ DHW temperature achievable by the heat pump
Ⓓ Set DHW temperature (bOOST)

Selecting an operating program (cont.)

"PROG"/"Night" operating program

DHW is heated by the DHW heat pump as a priority during the time phases selected in the time program. Depending on the outside temperature and the set DHW temperature, the immersion heater is automatically started too.
PROG only:
Outside the selected time phases, DHW is only heated minimally (frost protection function).

Night only:
- DHW is heated between 23:00 h and 05:00 h. The start is delayed in such a manner that the set DHW temperature is achieved at 05:00 h.
- Outside this time period (05:00 h to 23:00 h) water is only heated minimally (frost protection function).

DHW heating enabled

Outside temperature from –5 °C to 35 °C

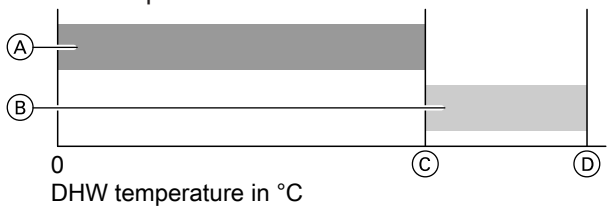

Fig. 12

Ⓐ Heat pump
Ⓑ Immersion heater
Ⓒ DHW temperature achievable by the heat pump
Ⓓ Set DHW temperature (AUTO)

Outside temperature below –5 °C or above 35 °C

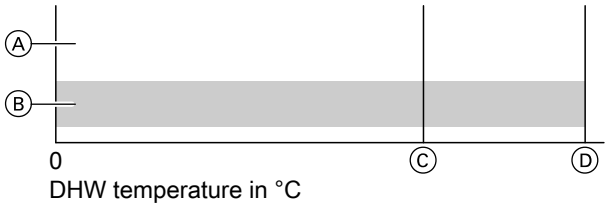

Fig. 13

Ⓐ Heat pump
Ⓑ Immersion heater
Ⓒ DHW temperature achievable by the heat pump
Ⓓ Set DHW temperature (AUTO)

DHW heating not enabled

Note
The immersion heater is only activated for frost protection.

Outside temperature from –5 °C to 35 °C

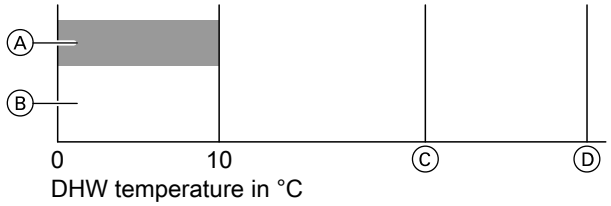

Fig. 14

Ⓐ Heat pump
Ⓑ Immersion heater
Ⓒ DHW temperature achievable by the heat pump
Ⓓ Set DHW temperature (PROG)

Outside temperature below –5 °C or above 35 °C

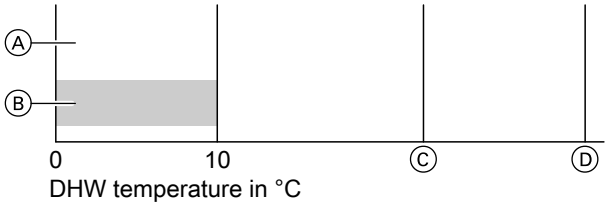

Fig. 15

Ⓐ Heat pump
Ⓑ Immersion heater
Ⓒ DHW temperature achievable by the heat pump
Ⓓ Set DHW temperature (PROG)

"OUT" operating program (holiday program)

Standby mode with frost protection for the DHW heat pump. DHW is only heated minimally. The duration of standby mode can be selected (number of days).

Selecting an operating program (cont.)

Outside temperature from –5 °C to 35 °C

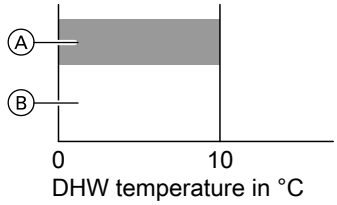

Fig. 16

Ⓐ Heat pump
Ⓑ Immersion heater

Outside temperature below –5 °C or above 35 °C

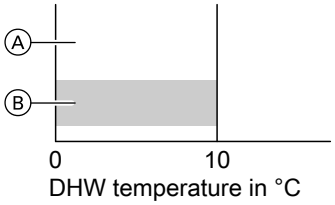

Fig. 17

Ⓐ Heat pump
Ⓑ Immersion heater

Setting the time program for DHW heating

In the time program, you specify when DHW is heated in the **"PROG"** ◔ operating program.

You can define a time program that applies every day of the week:
"WEEK" Every day of the week

You can define separate time programs for each individual day:
"MON" Monday
"TUE" Tuesday
"WED" Wednesday
"THU" Thursday
"FRI" Friday
"SAT" Saturday
"SUN" Sunday

Note
Please note that your DHW heat pump requires some time to heat the water to the required temperature. Select a correspondingly earlier start time.

Press the following buttons:

1. ☰ until **"PROG"** ◔ is displayed.

2. OK for 3 s until **"WEEK"** or **"MON"** is displayed.

3. +/– to select a day
or

+ to keep **"WEEK"**.

4. OK to confirm

5. +/– for the selected hour: 00:00 to 23:00 h

6. OK to confirm
DHW heating is enabled during the selected hour.

7. +/– to select further hours.

8. OK for 3 s to save. **"SAVE"** appears.

Note
If no key is pressed for 30 s, the program closes without saving. ***"EXIT"*** *appears.*
Only for selection ***"MON"****:*
Repeat these steps for the other days.

Note
If the time and day have not yet been set, the heat pump control unit will ask you to do this. *See page 15.*

DHW demand

The draw-off profile can be changed from L (2 people) to XL (4 people) to accommodate a higher DHW demand or provide greater convenience. Only authorised contractors may make this change.

DHW heating

Increased DHW hygiene

This function allows you to improve the microbiological quality of the water in the DHW cylinder. This is by heating the DHW in your DHW cylinder to 60 °C at regular intervals. The interval is set to between 1 and 30 days by you heating contractor.


Interval (1 to 30 days), see Parameter I4 in the installation and service instructions.

This function runs regardless of the selected operating program.
As long as this function is active, a rotating ✳ is shown on the display in front of the cylinder temperature.

Power from a photovoltaic system

Utilisation of power generated on site

You can use the power generated by your photovoltaic system for DHW heating.

For this, consult your contractor.

Time and day

To use the PROG operating program, it is essential to set the time and day.

Press the following buttons:

1. ☰ until **"TIME"** is displayed.

2. OK to change the value displayed

3. +/− to change the value

4. OK to confirm

Display	Meaning
"MON"	Monday
"TUE"	Tuesday
"WED"	Wednesday
"THU"	Thursday
"FRI"	Friday
"SAT"	Saturday
"SUN"	Sunday

Childproofing

No input is possible at the programming unit when childproofing is enabled.
Press **+** and **−** simultaneously:

Displays:
"LOCK" Childproofing enabled
"L--OK" Childproofing disabled

Restoring factory settings (reset)

Note
Not possible when fault messages are active, during "Increased DHW hygiene" or in the PROG operating program

Press the following buttons:

1. ☰ and **OK** simultaneously for 3 s until **"RST?"** appears.

2. OK to confirm
"dONE" appears.

Note
Time and date need to be set again.

3. ☰ to exit the menu.

Calling up information

The following information can be called up:
- Annual consumption (estimated electricity consumption)
- Proportion of DHW heating provided by the immersion heater and the heat pump in the last 30 days

Example:

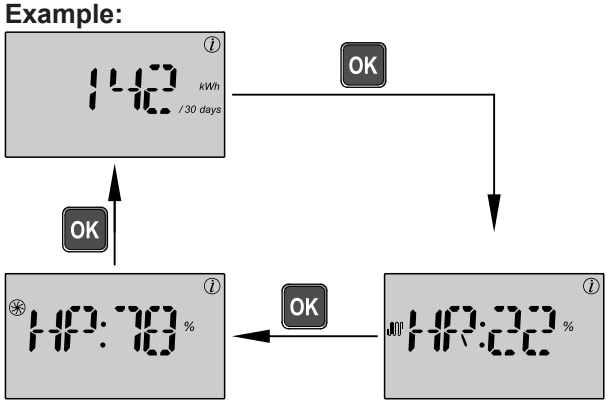

Fig. 18

Display	Meaning
"142" "kWh / 30 days"	The appliance has consumed 142 kWh per month.
"HR:22" %	Time percentage of DHW heating provided by the immersion heater in the last 30 days: 22 %
"HP:78" %	Time percentage of DHW heating provided by the heat pump in the last 30 days: 78 %

Display information

Press the following buttons:

1. ☰ until **"INFO"** is displayed.

2. OK to confirm

3. +/- to toggle between the displays.

4. ☰ and **OK** simultaneously to reset the values.

5. ☰ to exit the menu.

Calling up messages

Messages are shown if your DHW heat pump experiences particular events or operating conditions.

If faults occur, notify your contractor. Tell your contractor which fault message is being displayed (**"ER 0"** to **"ER 10"**). This enables the contractor to be better prepared and may save you unnecessary travelling costs.

Stopping the DHW heat pump

Shutting down the system

Disconnect the power plug.

! **Please note**
If outside temperatures of below -5 °C are expected, take appropriate measures to protect the DHW heat pump from frost.
If necessary, contact your contractor.

Starting the DHW heat pump

After a shutdown or a power failure lasting longer than 24 hours

1. Check that the power plug is plugged in. Switch ON the power supply, e.g. at a separate MCB/fuse or mains isolator.
   After a few seconds, the appliance starts in the **"ECO"** operating program and **"--:--"** flashes.
2. If the display alternates between time and date, these need to be reset: See page 15.
3. Press any button.
   The appliance is ready for operation. The set DHW temperature is 53 °C.

DHW heat pump does not start

Cause	Remedy
▪ The power plug is not plugged in. ▪ An ON/OFF switch installed on site has not been switched on.	▪ Insert the power plug into the socket. ▪ Turn on the mains isolator.
There is no power at the socket.	Check the MCB/fuse in the power distribution board (main domestic MCB/fuse).
The appliance is in standby mode.	Switch ON the DHW heat pump (see page 17).
Your DHW heat pump has only just shut down and cannot restart immediately (minimum stop time).	No action required. Wait approx. 5 minutes.
A message (**"ER 0"** to **"ER 10"**) is displayed.	Notify your contractor.

No input is possible at the programming unit

Cause	Remedy
Childproofing is enabled.	Press **+** and **−** simultaneously: Displays: **"LOCK"** Childproofing enabled **"L--OK"** Childproofing disabled

Cleaning

The appliance surfaces can be cleaned with a commercially available domestic cleaning agent (non-scouring).

No splashes of water must enter the DHW heat pump.

Inspection and maintenance

The inspection and maintenance of a heating system is prescribed by the Energy Saving Ordinance [EnEV - Germany] and the DIN 4755, DVGW-TRGI 2008 and DIN 1988-8 standards.

Regular maintenance ensures trouble-free, energy efficient, environmentally responsible and safe heating. Your heating system must be serviced by an authorised contractor at least every 2 years. For this, it is best to arrange an inspection and maintenance contract with your local heating contractor.

Damaged cables / lines

If there is damage to the connecting cables or lines of the appliance or externally installed accessories, these must be replaced with special cables or lines. Only use Toshiba cables / lines as replacement. For this, notify your qualified contractor.

DHW cylinder

Standards DIN 1988-8 and EN 806 specify that maintenance or cleaning should be carried out no later than 2 years after commissioning and as required thereafter.
Only a qualified contractor may clean the inside of the DHW cylinder, including the water connections.
If any water treatment equipment (e.g. a sluice or injection system) is installed in the cold water supply of the DHW cylinder, ensure this is refilled in good time. For this, observe the manufacturer's instructions.

We recommend an annual function check of the protective magnesium anode by your contractor.
The function of the protective magnesium anode can be checked without interrupting operation. The contractor will check the earth current with an anode tester.

Safety valve (DHW cylinder)

The function of the safety valve must be checked every six months by the user or a contractor through venting (see valve manufacturer's instructions). The valve seat may become contaminated.
Water may drip from the safety valve during a heat-up process. The outlet is open to the atmosphere.

! **Please note**
Overpressure can cause damage.
Do not close the safety valve.

Potable water filter (if installed)

To maintain high hygienic standards, proceed as follows:

- Replace filter element on non-back flushing filters every six months (visual inspection every two months).
- On back flushing filters, back flush every two months.

Premium/economy tariff

If premium/economy tariff has been enabled, DHW is only heated when electricity is cheaper.

Note
A special contract must have been concluded with the power supply utility.
The PROG ◔ operating program and the time setting ⊙ are no longer available.

Enable premium/economy tariff

The premium/economy tariff must have been connected and enabled by your contractor.

The appliance is in the ECO or AUTO operating program.

When electricity is cheaper (economy tariff), the symbol flashes.
The bOOST and Smart operating programs continue to be available at any time.

Minimum stop time function

The heat pump stops once the set DHW temperature has been achieved.
To prevent constant stopping and starting, the heat pump remains off for the duration of the minimum stop time (approx. 5 min). This increases the service life of your heat pump.

The flashing ✳ symbol indicates that the heat pump will start again once the delay has expired.

Information on disposal

Disposal of packaging

Your contractor will dispose of the packaging from your Toshiba product.

DE: Packaging waste is channelled for recycling to a certified disposal contractor in line with statutory regulations.
AT: Packaging waste is channelled for recycling to a certified disposal contractor in line with statutory regulations. Use the ARA statutory disposal system (Altstoff Recycling Austria AG, licence number 5766).

Final decommissioning and disposal of the heating system

Toshiba products can be recycled. Components and fluids from your heating systems are not part of ordinary domestic waste.
Please speak to your contractor about the correct disposal of your old system.

DE: Operating fluids (e.g. heat transfer medium) can be disposed of at municipal collection points.
AT: Operating fluids (e.g. heat transfer medium) can be disposed of at municipal collection points (ASZ).

Keyword index

C
Calling up
– Information..... 16
– Message.....16
Childproofing..... 15
Cleaning..... 19
Comfort (tips)..... 7
Commissioning.....7
Controls.....8

D
Day.....15
Default setting..... 7
Delivered condition.....7
DHW cylinder..... 19
DHW demand.....13
DHW heating
– Comfort..... 7
– Energy saving..... 7
DHW heating time program.....13
DHW hygiene..... 14
Display..... 8
Display elements.....8

E
Energy saving (tips)..... 7

F
Factory setting.....7
Factory settings.....15
Fault
– Calling up..... 16
– DHW heat pump.....18

H
Heat pump
– Starting.....17
– Stopping..... 17

I
Information, calling up..... 16
Inspection.....19

K
Keys..... 8

L
Lower cylinder temperature sensor.....13

M
Maintenance.....19
– Cleaning..... 19
– DHW cylinder..... 19
Maintenance contract.....19
Minimum stop time function..... 20

O
Operating program, selecting.....9
Outside temperature limits..... 6

P
Permissible air intake temperatures.....7
Photovoltaic system, energy saving.....7
Power failure..... 7
Power from photovoltaic system..... 14
Power plug..... 17
Power supply.....17
Premium/economy tariff..... 20
Product information.....6

R
Reset.....15

S
Shutdown..... 17
Starting
– Heat pump.....17
Stopping
– Heat pump.....17
Symbols..... 5

T
Temperature setting..... 9
Time..... 15
Tips
– Comfort..... 7
– Energy saving..... 7

U
Upper cylinder temperature sensor.....13
Utilisation.....5
Utilisation of power generated on site..... 7, 14