

Installation Manual

AIR-TO-WATER HEATPUMP MONO BLOC

WH-MXC09J3E5, WH-MXC12J3E5, WH-MXC09J3E8, WH-MXC12J3E8, WH-MXC16J3E8

APPENDIX 1 Variation of system

This section introduces variation of various systems using Air-To-Water Heatpump and actual setting method.

1.1 Introduction applicable to temperature setting.

(Temperature setting variation for heating)

- 1. Remote Controller**
Connect floor heating or radiator directly to the Mono bloc. This is the basic form of the most simple system.
- 2. Room Thermostat**
Connect floor heating or radiator directly to the Mono bloc. This is an application that uses remote controller as Room Thermostat.
- 3. External Room Thermostat**
Connect floor heating or radiator directly to Mono bloc. This is an application that uses external Room Thermostat.
- 4. Room Thermostat**
Connect floor heating or radiator directly to the Mono bloc. This is an application that uses external room thermostat.

There are 2 kinds of circulation water temperature setting method.

1. **Temperature setting method**
This is a method of setting circulation water temperature according to outdoor ambient temperature. In case of Room thermostat or Room thermostat, compensation curve can be set in this case. With compensation curve according to the DHW ON/OFF status.

2. **Temperature setting method**
This is a method of setting circulation water temperature according to outdoor ambient temperature. In case of Room thermostat or Room thermostat, compensation curve can be set in this case. With compensation curve according to the DHW ON/OFF status.

2 How to fix external device

When connecting cables between Mono bloc and external devices, the length of the cable must not exceed the maximum length as shown in the table.

External device	Maximum cable length (m)	External device	Maximum cable length (m)
Two-way valve	50	Outdoor air sensor	30
Three-way valve	50	Heater ON Delay Time	30
Mixing valve	50	Buffer tank sensor	30
Room thermostat	50	Pool water sensor	30
Booster heater	50	Solar sensor	30
Extra pump	50	Water sensor	30
Boiler	50	Demand signal	30
Pool pump	50	SG signal	30
Boiler control / Defrost signal	50	Heat/Cool switch	30
External control	50		
Tank sensor	50		
Room sensor	30		

3 Remote Controller Outline

3.1 System Installation

3.2 Remote Controller Outline

Name: A. Main screen, B. Menu, C. Triangle (Move), D. Operate, E. Back, F. Quick Menu, G. OK

Function: Display information, Open/Close main menu, Select or change item, Start/Stop operation, Back to previous item, Open/Close Quick menu

3.2 Installer Setup

1. Optional PCB connectivity: Yes/No

2. Zone & Sensor: Zone system / 2 Zone system

3. Heater capacity: Capacity select

4. Anti freezing: Yes/No

5. Tank connection: Yes/No

6. DHW Capacity: Only when the selection for Tank connection is Yes

7. Buffer Tank connection: Yes/No

8. Tank heater: External/Internal

9. Base pan heater: Yes/No

10. Alternative outdoor sensor: Yes/No

11. Bivalent connection: Yes/No

3.3 System Setup

1. Optional PCB connectivity: Initial setting: No

2. Zone & Sensor: Initial setting: Room and Water temp.

3. Heater capacity: Initial setting: Depend on model

4. Anti freezing: Initial setting: Yes

5. Tank connection: Initial setting: No

6. DHW Capacity: Initial setting: No

7. Buffer Tank connection: Initial setting: No

8. Tank heater: Initial setting: No

9. Base pan heater: Initial setting: No

10. Alternative outdoor sensor: Initial setting: No

11. Bivalent connection: Initial setting: No

3.4 Operation Setup

17. External Compressor SW: Initial setting: No

18. Circulation liquid: Initial setting: Water

19. Heat-Cool SW: Initial setting: Disable

20. Force Heater: Initial setting: Manual

21. Force Defrost: Initial setting: Manual

22. Defrost signal: Initial setting: No

23. Pump flowrate: Initial setting: AT

24. Water temp. for heating ON: Initial setting: 15°C

25. Outdoor temp. for heating OFF: Initial setting: 5°C

26. AT for heating ON: Initial setting: 5°C

27. Heater ON/OFF: Initial setting: 0°C

28. Water temp. for cooling ON: Initial setting: 5°C

29. AT for cooling ON: Initial setting: 5°C

3.5 Service Setup

30. Pump maximum speed: Initial setting: 50

31. Pump down: Initial setting: ON/OFF

32. Dry concrete: Initial setting: ON/OFF

33. Tank re-heat temp.: Initial setting: 60min

34. Tank re-heat time: Initial setting: 30min

35. Sterilization: Initial setting: 65°C/10min

36. Pump maximum speed: Initial setting: Depend on model

37. Pump down: Initial setting: Depend on model

38. Dry concrete: Initial setting: Depend on model

39. Service contact: Initial setting: No

40. Heat-Cool SW: Initial setting: No

41. Force Heater: Initial setting: No

42. Force Defrost: Initial setting: No

43. Pump flowrate: Initial setting: No

44. Water temp. for heating ON: Initial setting: No

45. Outdoor temp. for heating OFF: Initial setting: No

46. AT for heating ON: Initial setting: No

47. Heater ON/OFF: Initial setting: No

48. Water temp. for cooling ON: Initial setting: No

49. AT for cooling ON: Initial setting: No

3.6 Maintenance

37. Service contact: Initial setting: No

38. Heat-Cool SW: Initial setting: No

39. Force Heater: Initial setting: No

40. Force Defrost: Initial setting: No

41. Pump flowrate: Initial setting: No

42. Water temp. for heating ON: Initial setting: No

43. Outdoor temp. for heating OFF: Initial setting: No

44. AT for heating ON: Initial setting: No

45. Heater ON/OFF: Initial setting: No

46. Water temp. for cooling ON: Initial setting: No

47. AT for cooling ON: Initial setting: No

3.7 Troubleshooting

37. Service contact: Initial setting: No

38. Heat-Cool SW: Initial setting: No

39. Force Heater: Initial setting: No

40. Force Defrost: Initial setting: No

41. Pump flowrate: Initial setting: No

42. Water temp. for heating ON: Initial setting: No

43. Outdoor temp. for heating OFF: Initial setting: No

44. AT for heating ON: Initial setting: No

45. Heater ON/OFF: Initial setting: No

46. Water temp. for cooling ON: Initial setting: No

47. AT for cooling ON: Initial setting: No

3.8 Custom menu

37. Service contact: Initial setting: No

38. Heat-Cool SW: Initial setting: No

39. Force Heater: Initial setting: No

40. Force Defrost: Initial setting: No

41. Pump flowrate: Initial setting: No

42. Water temp. for heating ON: Initial setting: No

43. Outdoor temp. for heating OFF: Initial setting: No

44. AT for heating ON: Initial setting: No

45. Heater ON/OFF: Initial setting: No

46. Water temp. for cooling ON: Initial setting: No

47. AT for cooling ON: Initial setting: No

3.9 Appendix

37. Service contact: Initial setting: No

38. Heat-Cool SW: Initial setting: No

39. Force Heater: Initial setting: No

40. Force Defrost: Initial setting: No

41. Pump flowrate: Initial setting: No

42. Water temp. for heating ON: Initial setting: No

43. Outdoor temp. for heating OFF: Initial setting: No

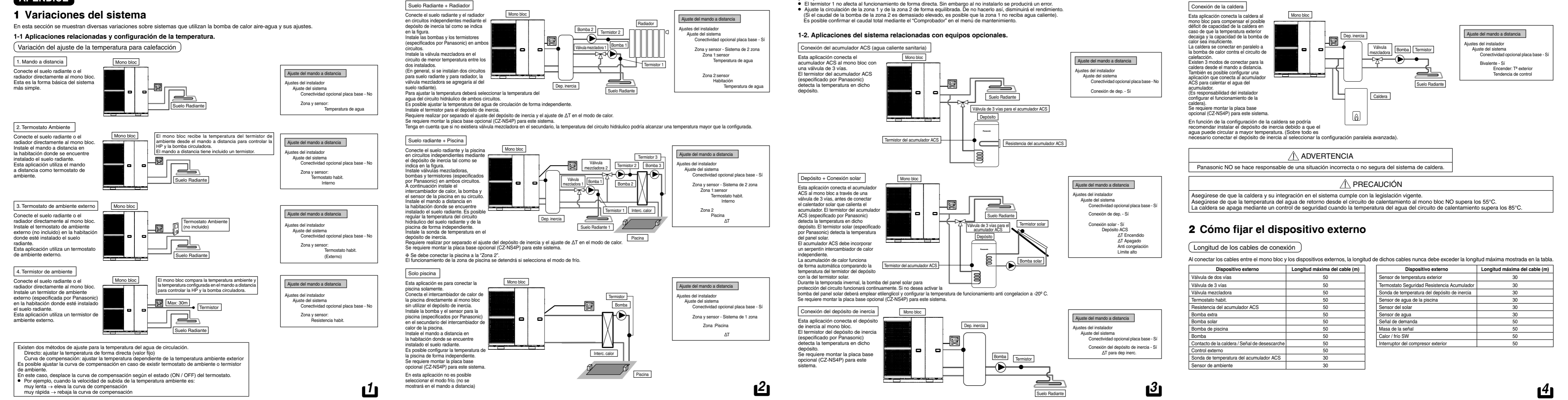
44. AT for heating ON: Initial setting: No

45. Heater ON/OFF: Initial setting: No

46. Water temp. for cooling ON: Initial setting: No

47. AT for cooling ON: Initial setting: No

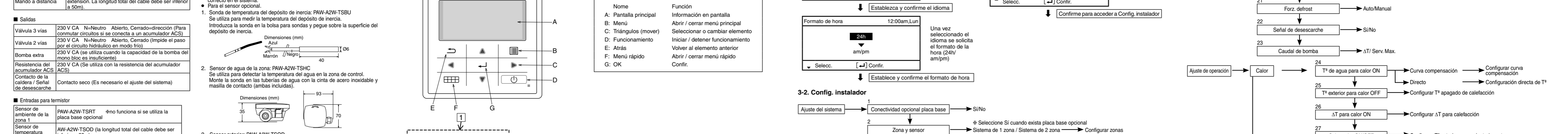
1 Variaciones del sistema
1.1 Aplicaciones relacionadas y configuración de la temperatura.
(Varianción del ajuste de la temperatura para calefacción)



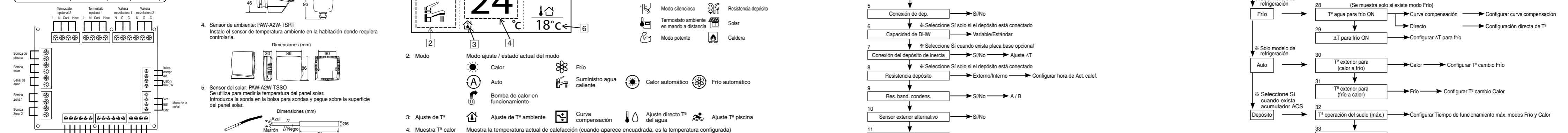
2 Cómo fijar el dispositivo externo
Longitud de los cables de conexión
Dispositivo externo Longitud máxima del cable (m)
Dispositivo externo Longitud máxima del cable (m)

Table with 4 columns: Dispositivo externo, Longitud máxima del cable (m), Dispositivo externo, Longitud máxima del cable (m). Lists various sensors and their cable lengths.

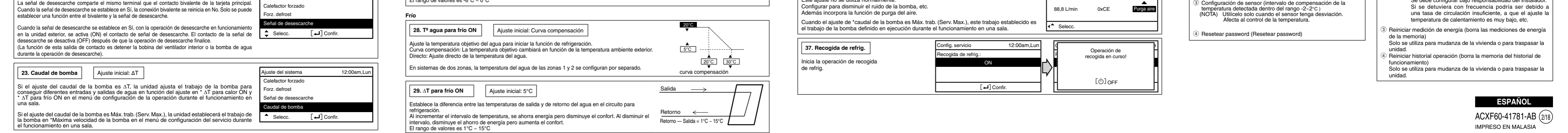
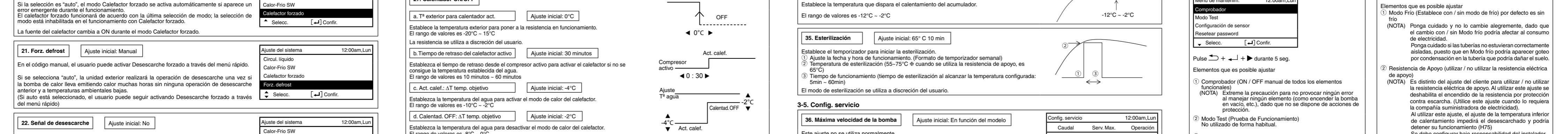
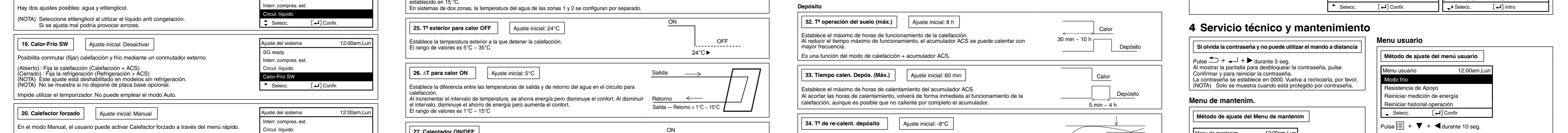
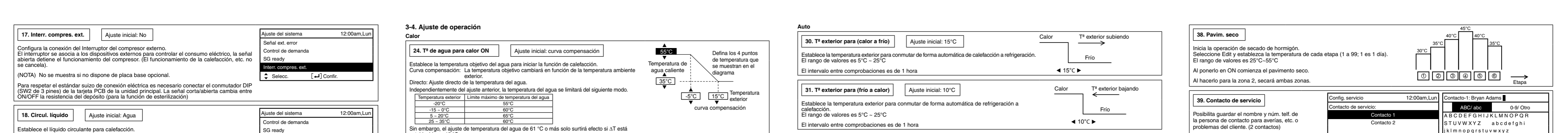
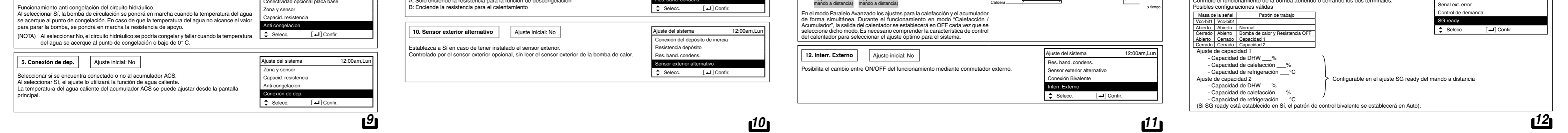
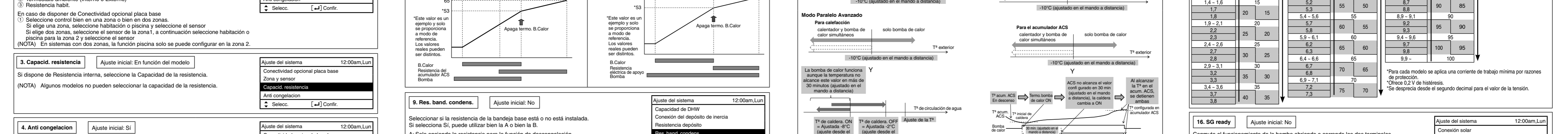
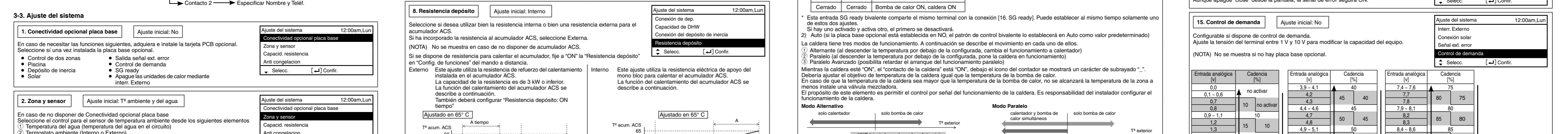
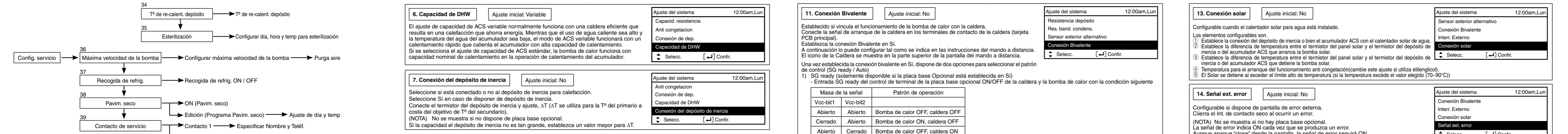
3 Instalación del sistema
3-1. Descripción del mando a distancia
Función Información en pantalla
Función Información en pantalla



3-2. Config. instalador
Ajuste del sistema
Conectividad opcional placa base



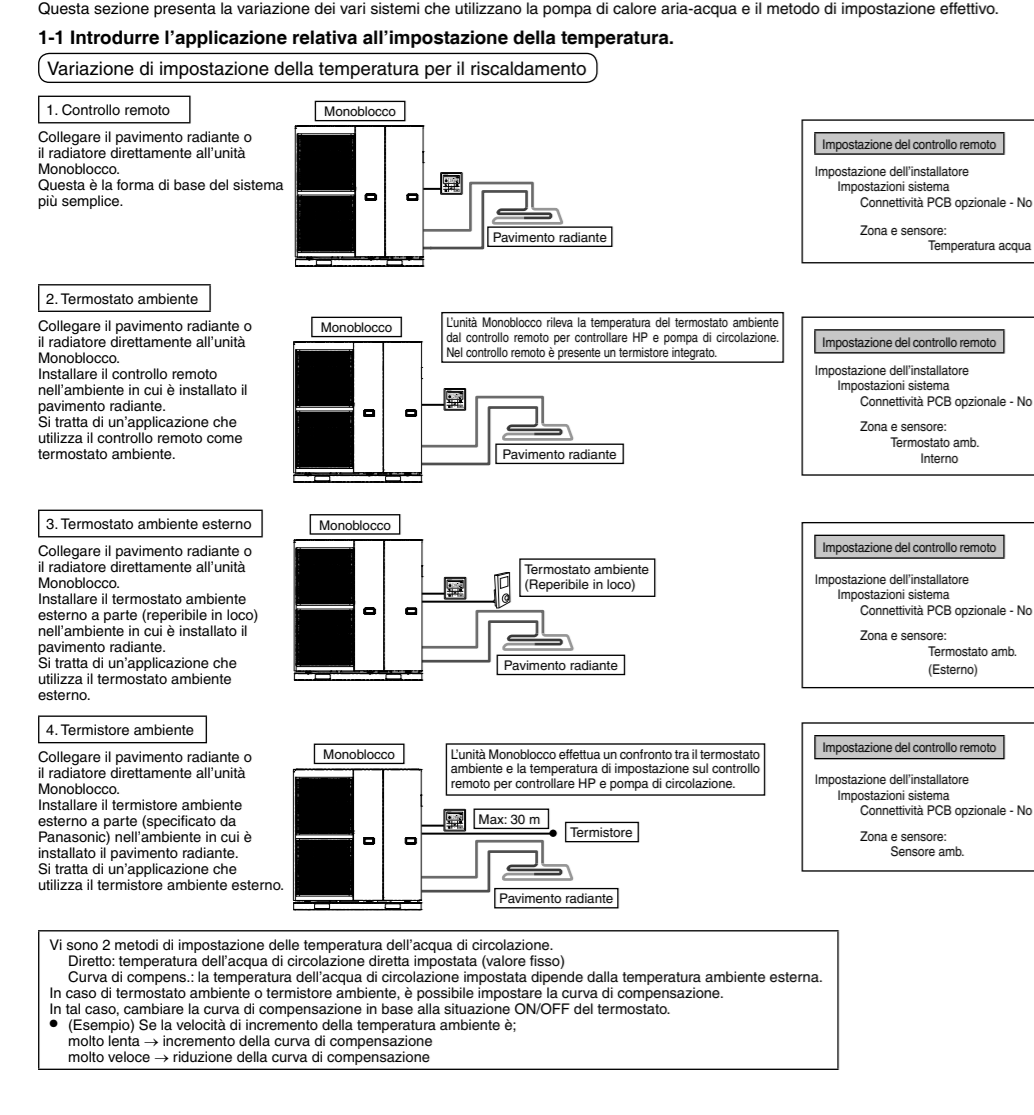
3-3. Ajuste del sistema
1. Conectividad opcional placa base
Ajuste inicial: No



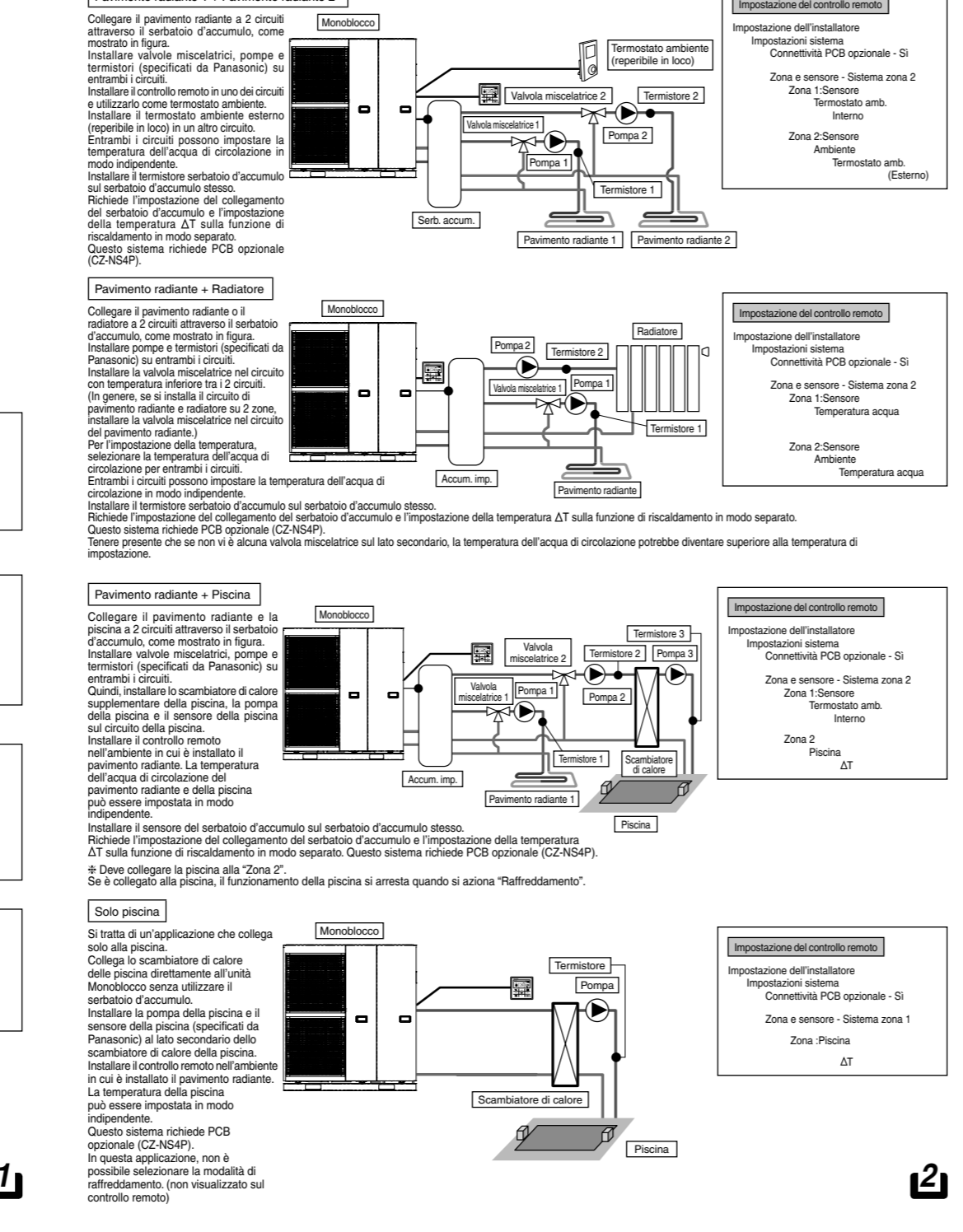
Manuale d'installazione

COMPACT DI CALORE ARIA-ACQUA MONOBLOCCO

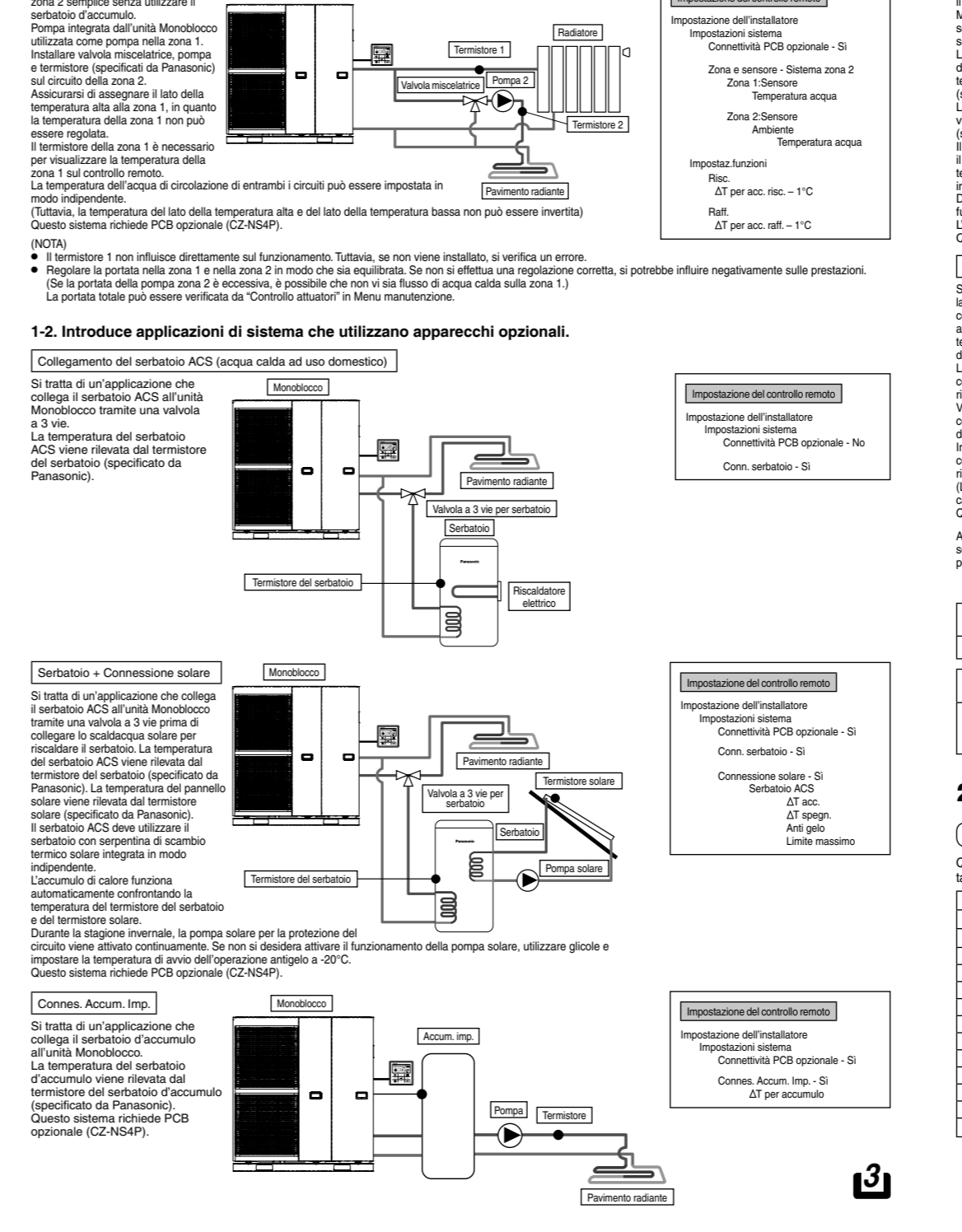
1 Variazione del sistema



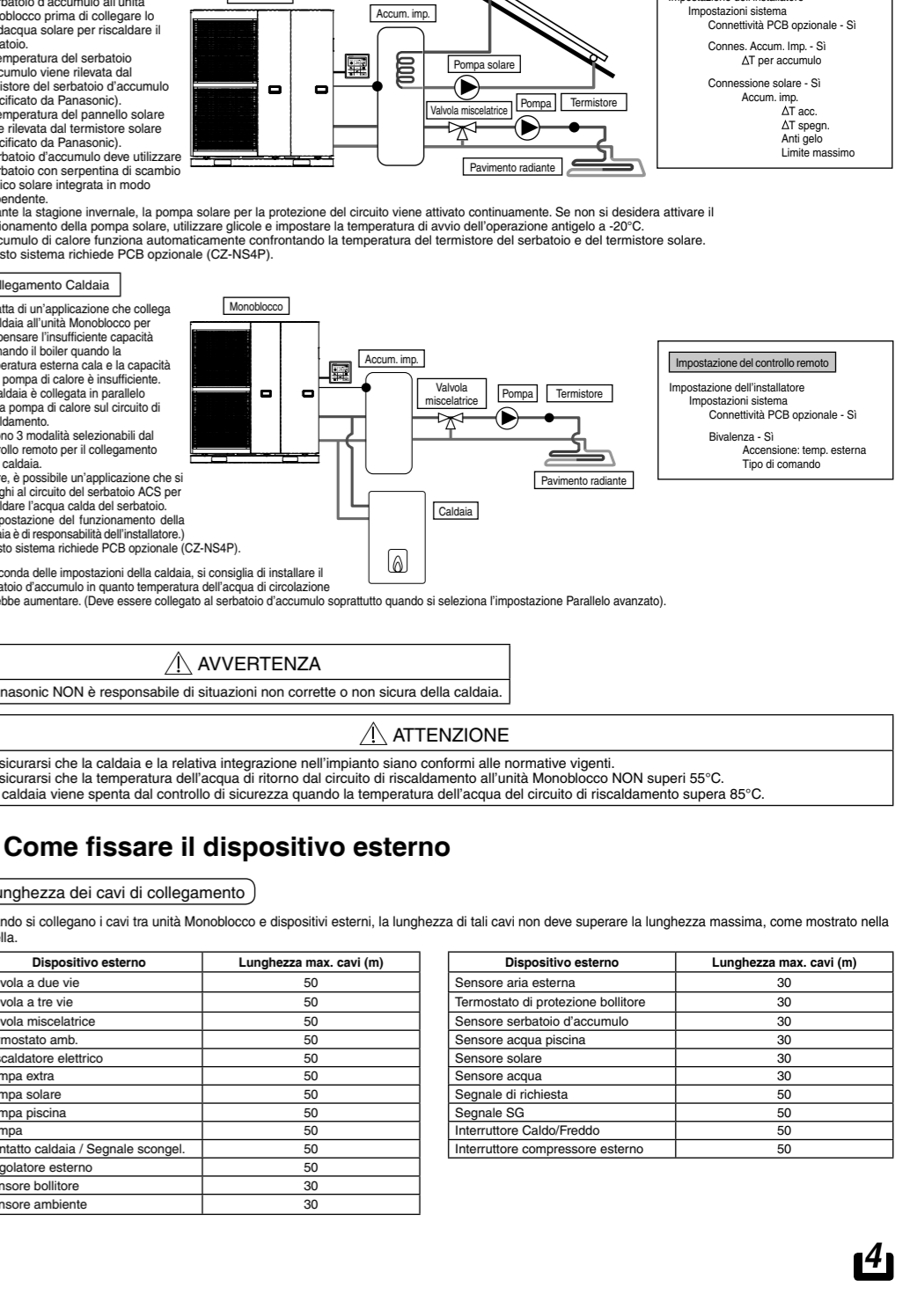
Esempio di installazione



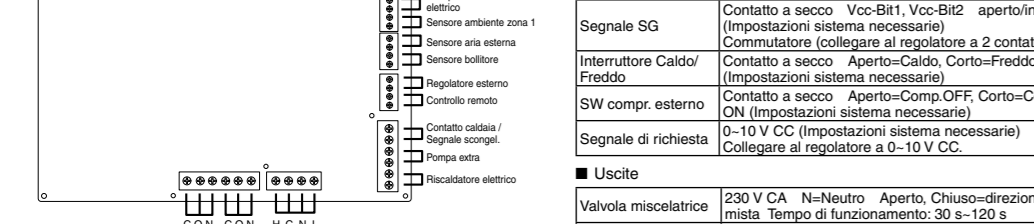
Zona 2 semplice (Pavimento radiante + Radiatore)



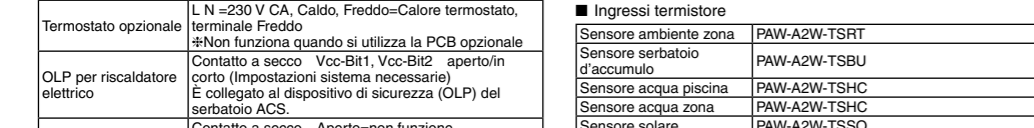
Accum. Imp. + Solare



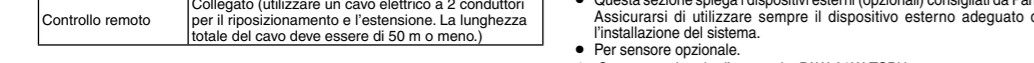
Collegamento della PCB principale



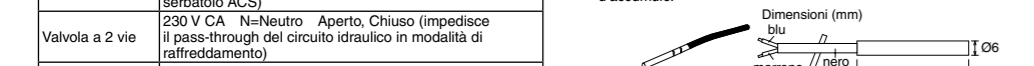
Ingressi segnale



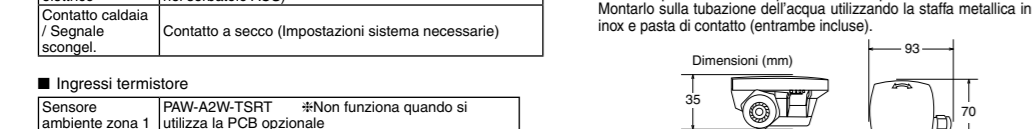
Termostato esterno



Controllo remoto



Uscite

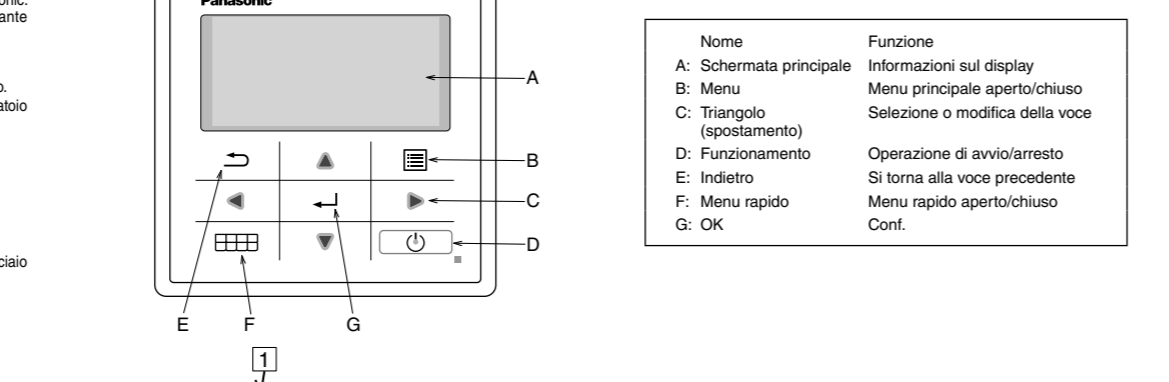


6. Consultare la tabella di seguito per le caratteristiche dei sensori

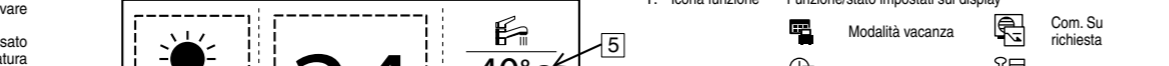
Table with 4 columns: Temperatura (°C), Resistenza (kΩ), Temperatura (°C), Resistenza (kΩ). Lists sensor specifications for different models.

3. Installazione del sistema

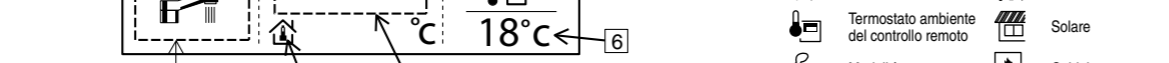
1. Schema del controllo remoto



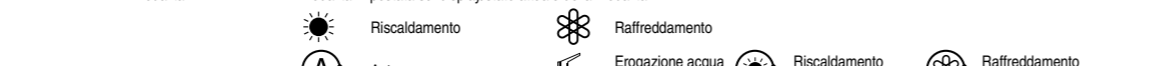
2. Modali



3. Impostazione temp.



4. Visualizza temp. risc.



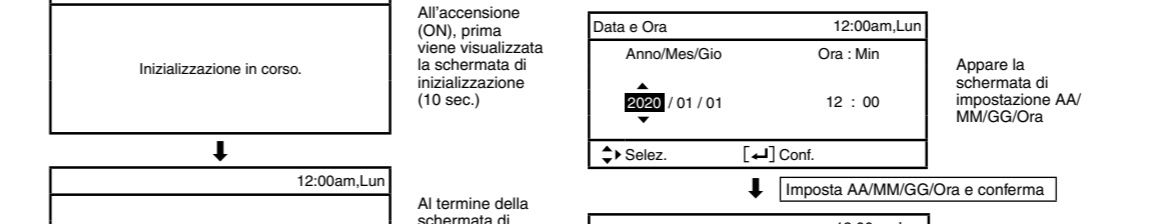
5. Temp. esterna



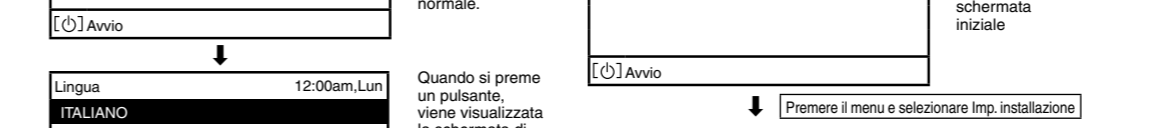
6. Capacità DHW



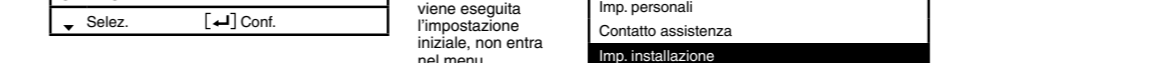
Prima accensione (avvio dell'installazione)



3-2. Imp. installazione



11. Conn. bivalente



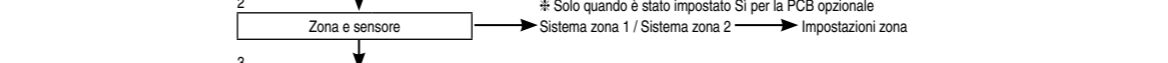
12. Conn. solare



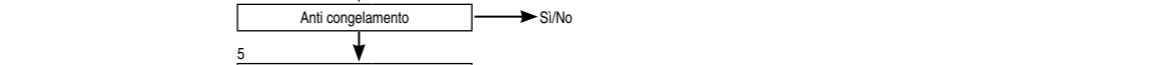
13. Conn. solare



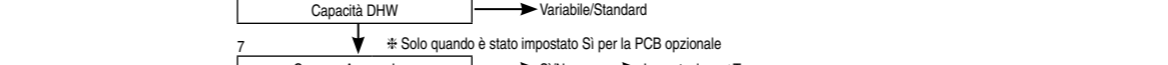
14. Conn. solare



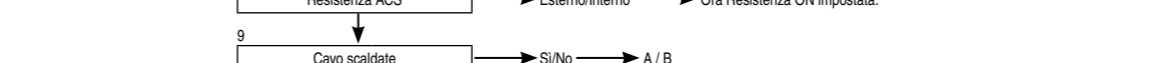
15. 0-10V



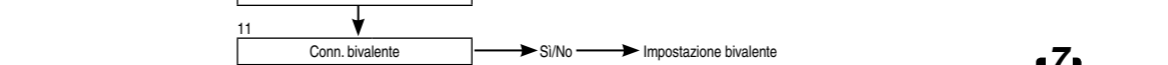
16. 0-10V



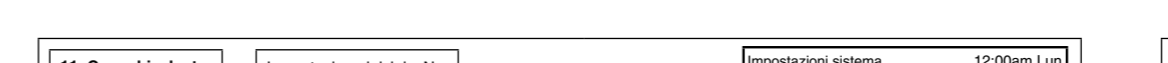
17. Interv. compress. est.



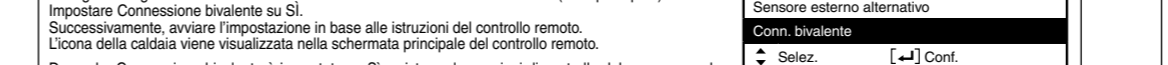
18. Liquido circolazione



19. SW risc. raff.



20. Forza resistenza



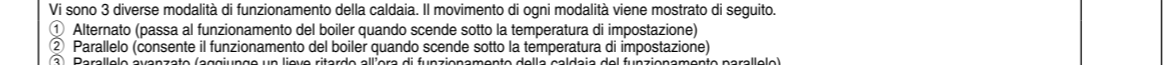
21. Forza abini.



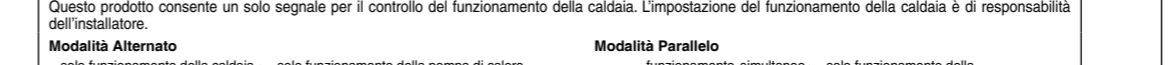
22. Segnale scongel.



23. Portata pompa



24. Interv. compress. est.



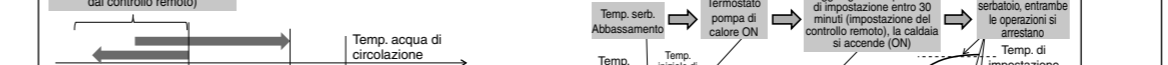
25. SW risc. raff.



26. Forza resistenza



27. Segnale scongel.



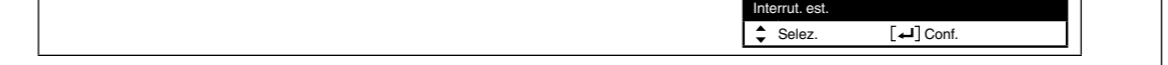
28. Portata pompa



29. Interv. compress. est.



30. SW risc. raff.



31. Forza resistenza



32. Segnale scongel.



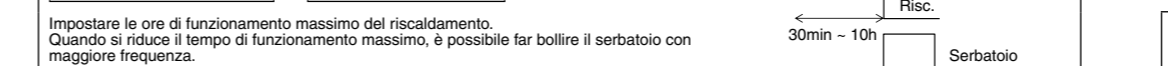
33. Portata pompa



34. Interv. compress. est.



35. SW risc. raff.



36. Forza resistenza



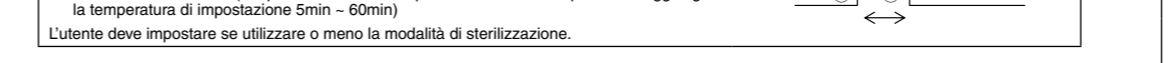
37. Segnale scongel.



38. Portata pompa



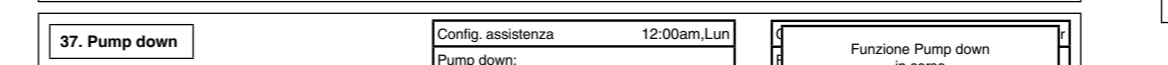
39. Interv. compress. est.



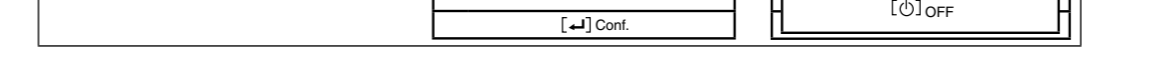
40. SW risc. raff.



41. Forza resistenza



42. Segnale scongel.



43. Portata pompa



2 Come fissare il dispositivo esterno

Dispositivo esterno

Table listing external device types and their maximum cable lengths.

Dispositivo esterno

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Table listing external device types and their maximum cable lengths.

Installatiehandleiding MONO-BLOC LUCHT-NAAR-WATER WARMTEPOMP

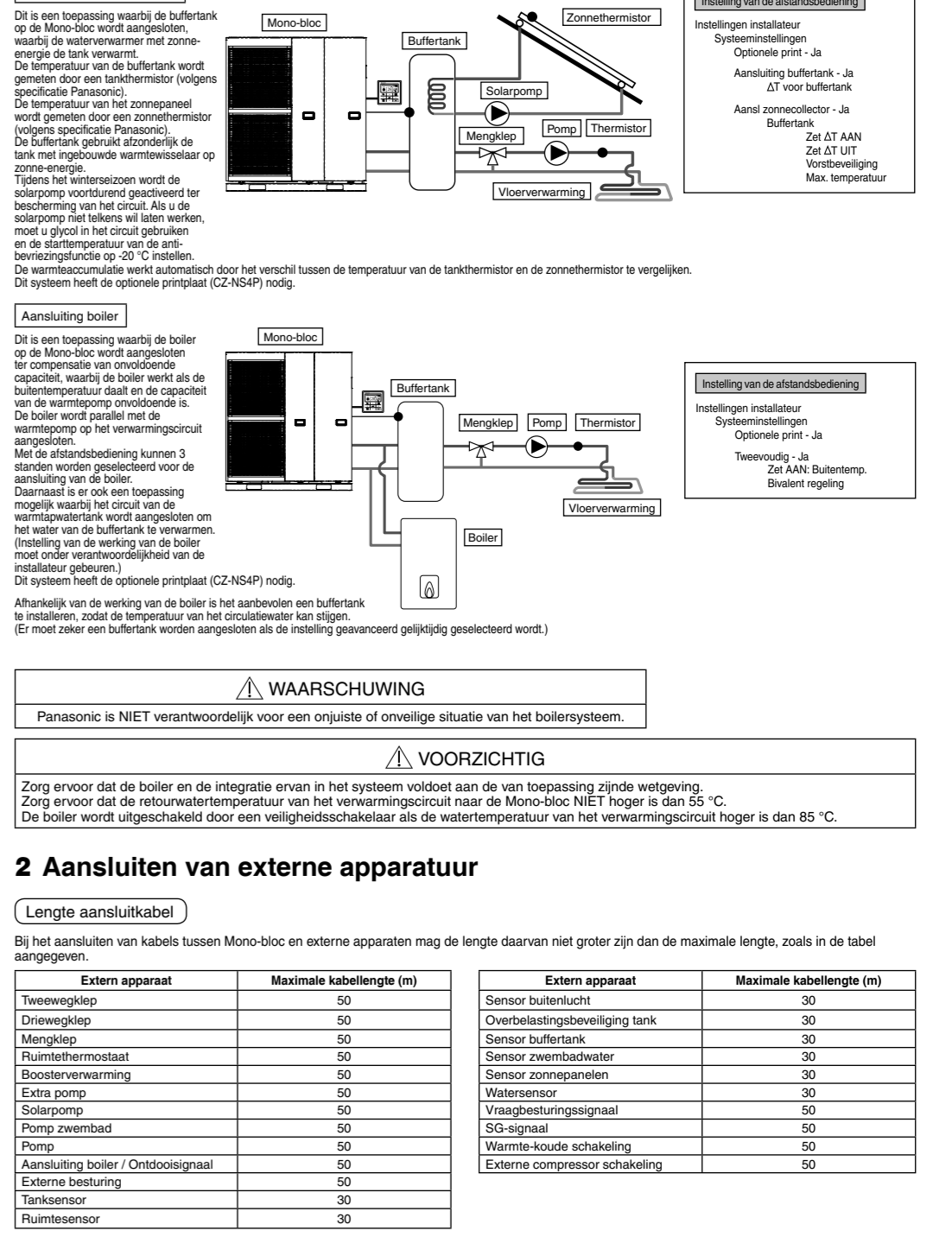
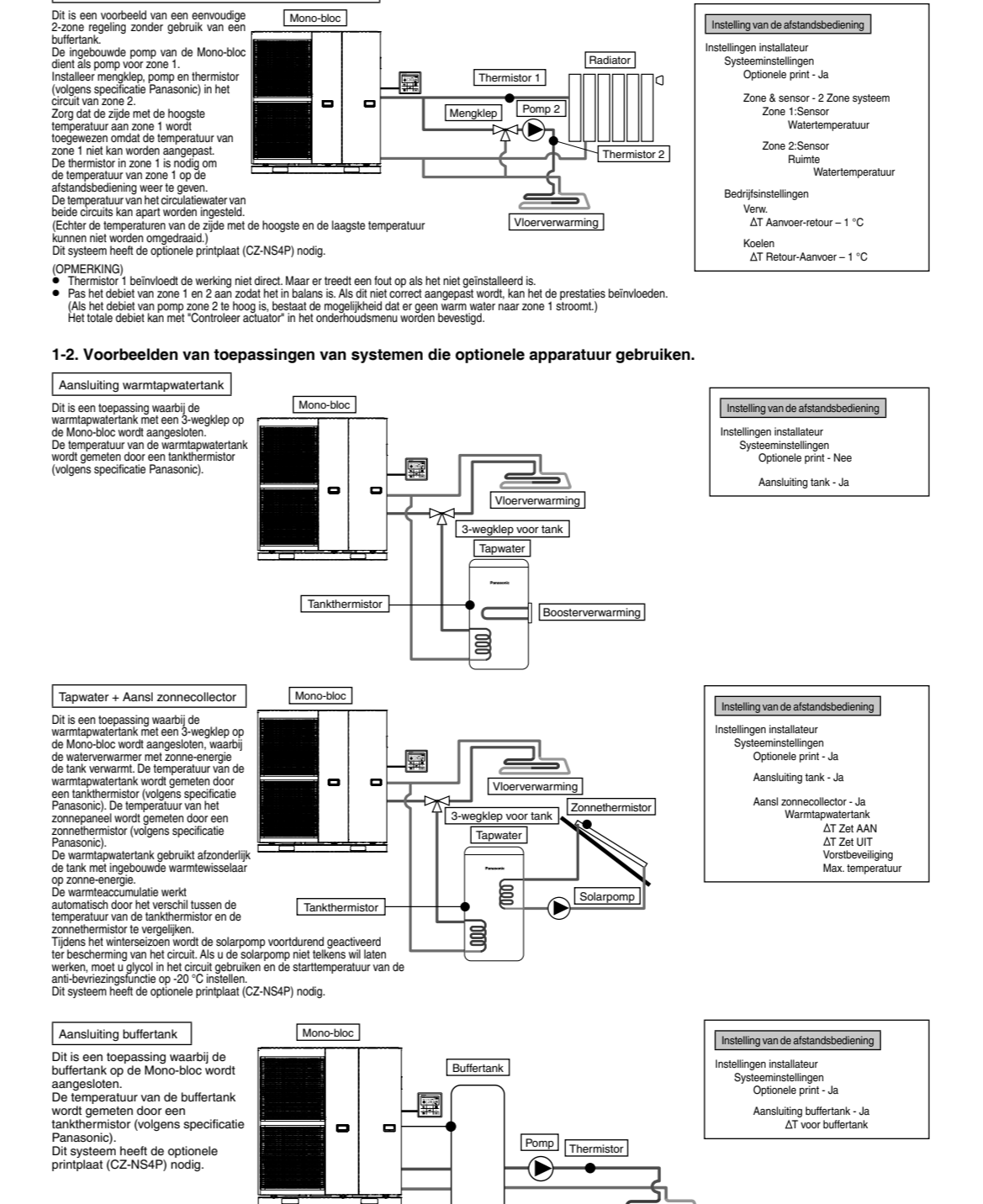
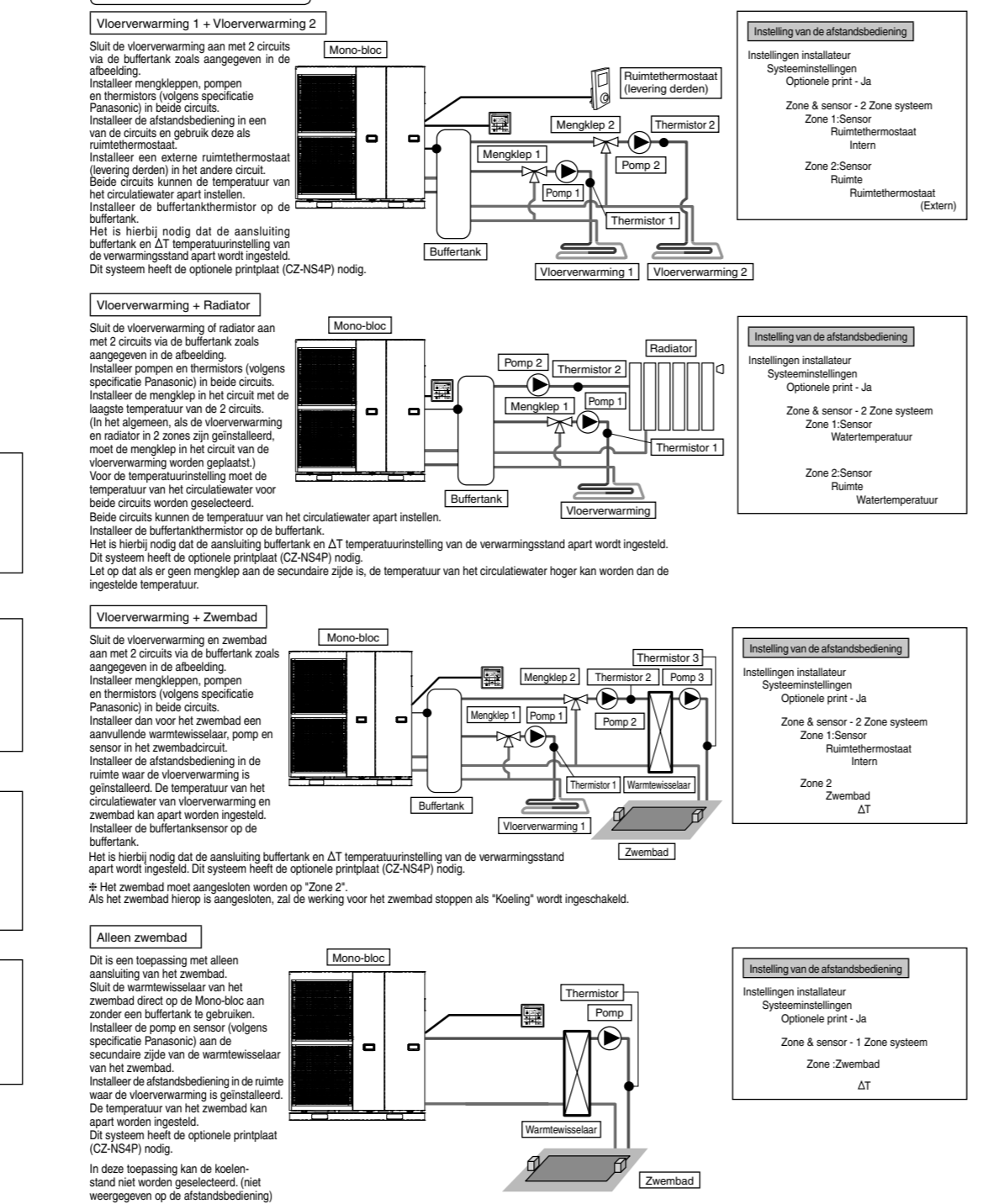
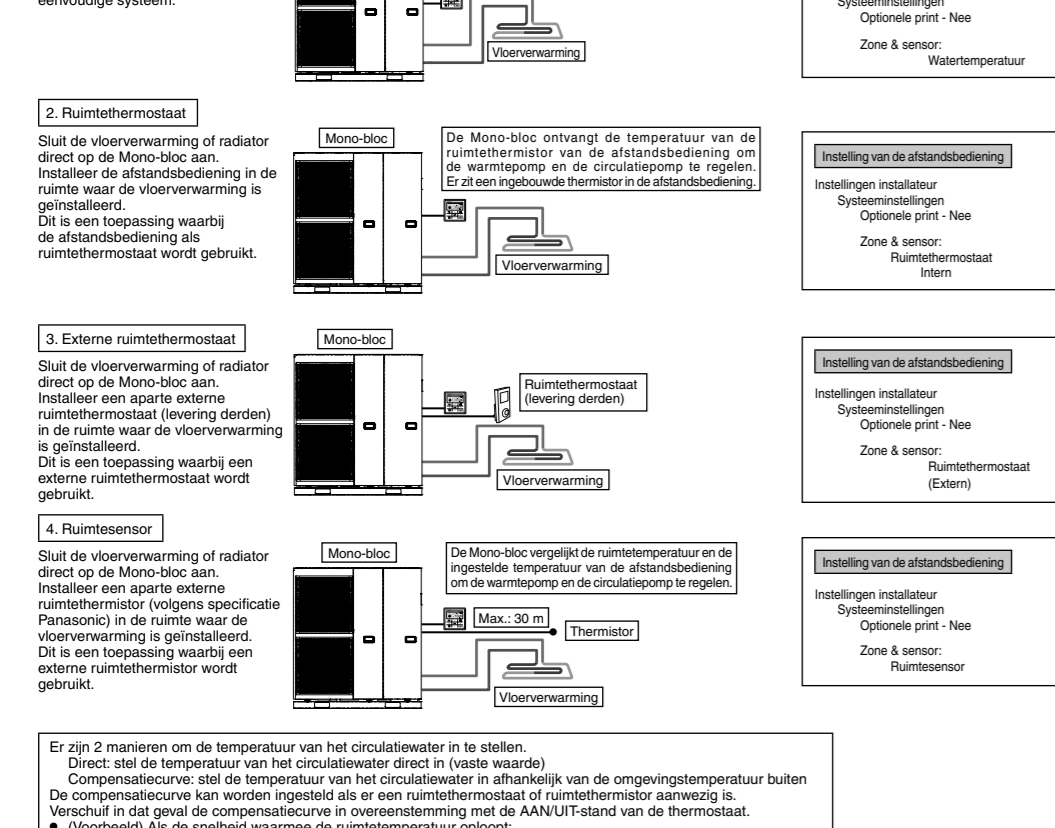
WH-MXC09J3E5, WH-MXC12J6E5, WH-MXC09J3E8, WH-MXC12J9E8, WH-MXC16J9E8

BIJLAGE 1 Systeemvarianties

De voorbeelden van variaties zijn van verschillende systemen met een Lucht-naar-Water warmtepomp plus installatiemethoden.

1-1 Voorbeelden van variaties gerelateerd aan temperatuursturing.

Verschuivende temperatuurstellingen voor verwarming



2 Aansluiten van externe apparatuur

De aansluiting van externe apparatuur op de Mono-Bloc wordt aangegeven in de volgende tabel.

Table with columns: Extern apparaat, Maximale kabel lengte (m), Extern apparaat, Maximale kabel lengte (m)

2-1. Voorbeelden van toepassing van systemen die optionele apparatuur gebruiken.

De aansluiting van externe apparatuur op de Mono-Bloc wordt aangegeven in de volgende tabel.



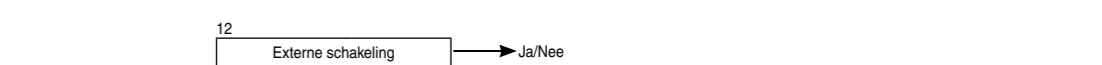
2-2. Voorbeelden van toepassing van systemen die optionele apparatuur gebruiken.

De aansluiting van externe apparatuur op de Mono-Bloc wordt aangegeven in de volgende tabel.

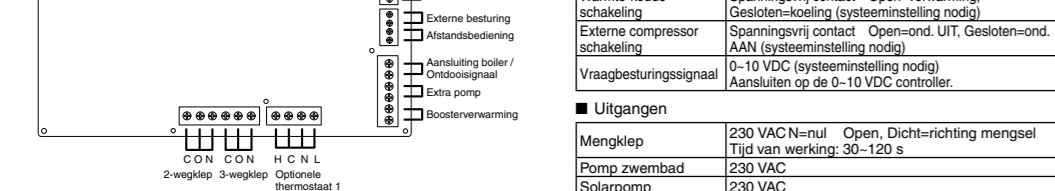


2-3. Voorbeelden van toepassing van systemen die optionele apparatuur gebruiken.

De aansluiting van externe apparatuur op de Mono-Bloc wordt aangegeven in de volgende tabel.



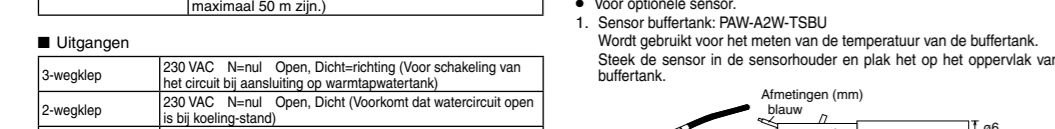
Aansluiting van de hoofdprintplaat



Signaalgangen



Uitgangen

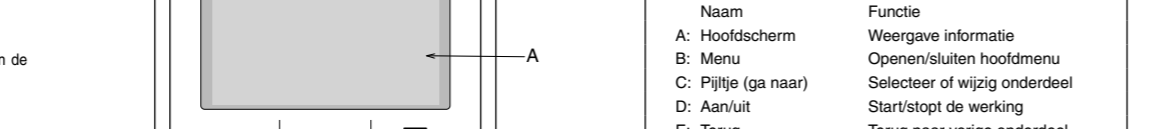


6. Zie onderstaande tabel voor de karakteristieken van hierboven genoemde series.

Table with columns: Temperatuur (°C), Verstand (kWh), Temperatuur (°C), Verstand (kWh)

3-1. Beschrijving van de afstandsbediening

De afstandsbediening wordt gebruikt om de Mono-Bloc te bedienen.



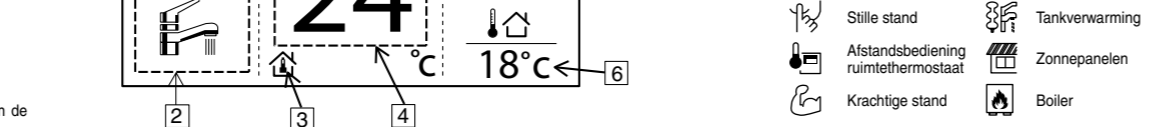
3-2. Modus

De afstandsbediening heeft verschillende modi voor verwarming, koeling, etc.

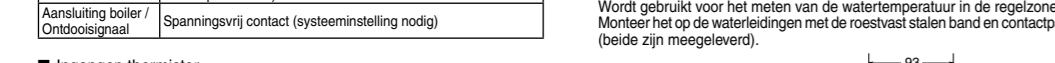


3-3. Instellingen

De afstandsbediening heeft verschillende instellingen voor de Mono-Bloc.



Aansluiting van optionele printplaat (CZ-NS4P)



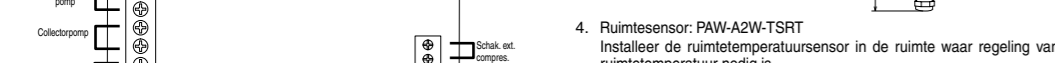
3-3.1. Optionele print

De aansluiting van de optionele print wordt aangegeven in de volgende tabel.



3-3.2. Zone & sensor

De aansluiting van de zone en sensor wordt aangegeven in de volgende tabel.



3-3.3. Verw.cap. Back-up

De aansluiting van de verwarmingscapaciteit back-up wordt aangegeven in de volgende tabel.



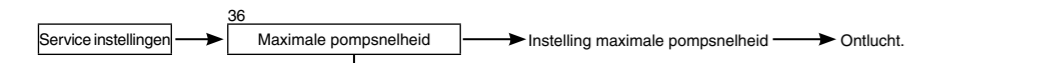
3-3.4. Verw.cap. Back-up

De aansluiting van de verwarmingscapaciteit back-up wordt aangegeven in de volgende tabel.



3-3.5. Verw.cap. Back-up

De aansluiting van de verwarmingscapaciteit back-up wordt aangegeven in de volgende tabel.



7. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



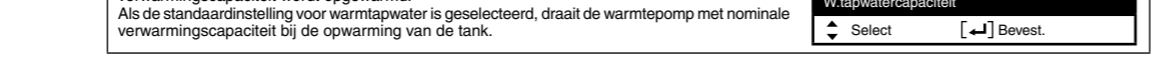
8. Tankverwarming

De aansluiting van de tankverwarming wordt aangegeven in de volgende tabel.



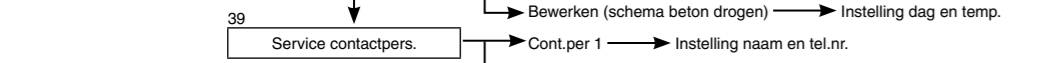
9. Alternatieve bufternk

De aansluiting van de alternatieve bufternk wordt aangegeven in de volgende tabel.



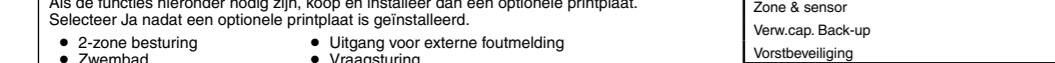
3-3.6. Verw.cap. Back-up

De aansluiting van de verwarmingscapaciteit back-up wordt aangegeven in de volgende tabel.



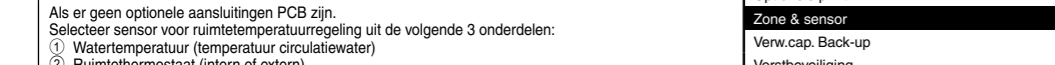
3-3.7. Verw.cap. Back-up

De aansluiting van de verwarmingscapaciteit back-up wordt aangegeven in de volgende tabel.



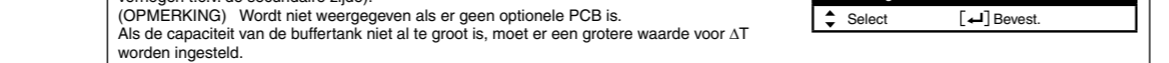
3-3.8. Verw.cap. Back-up

De aansluiting van de verwarmingscapaciteit back-up wordt aangegeven in de volgende tabel.



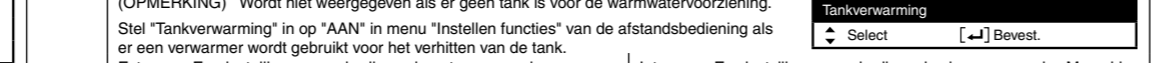
10. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



11. Bivalente aansluiting

De aansluiting van de bivalente aansluiting wordt aangegeven in de volgende tabel.



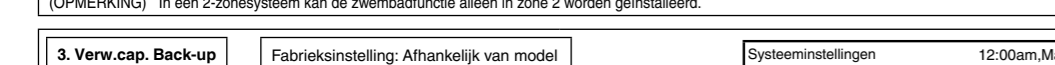
12. Alternatieve bufternk

De aansluiting van de alternatieve bufternk wordt aangegeven in de volgende tabel.



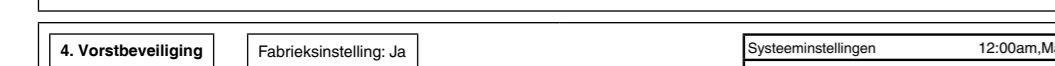
3-3.9. Verw.cap. Back-up

De aansluiting van de verwarmingscapaciteit back-up wordt aangegeven in de volgende tabel.



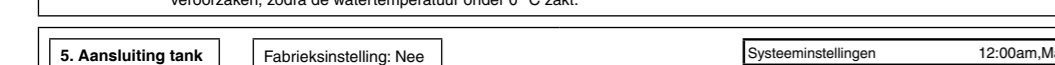
3-3.10. Verw.cap. Back-up

De aansluiting van de verwarmingscapaciteit back-up wordt aangegeven in de volgende tabel.



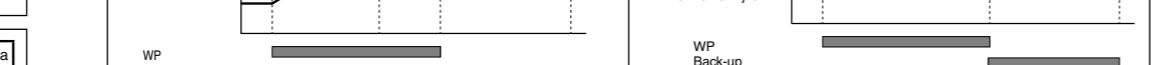
3-3.11. Verw.cap. Back-up

De aansluiting van de verwarmingscapaciteit back-up wordt aangegeven in de volgende tabel.



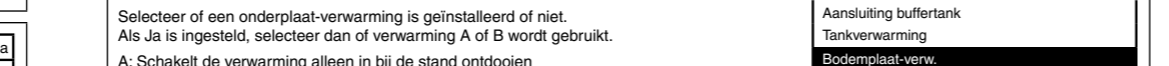
13. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



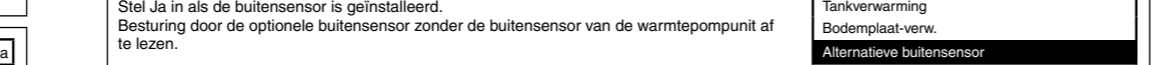
14. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



15. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



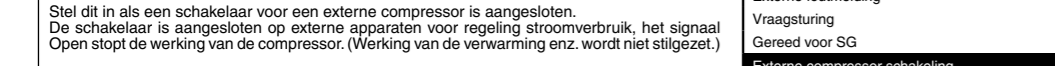
3-3.12. Verw.cap. Back-up

De aansluiting van de verwarmingscapaciteit back-up wordt aangegeven in de volgende tabel.



3-3.13. Verw.cap. Back-up

De aansluiting van de verwarmingscapaciteit back-up wordt aangegeven in de volgende tabel.



3-3.14. Verw.cap. Back-up

De aansluiting van de verwarmingscapaciteit back-up wordt aangegeven in de volgende tabel.



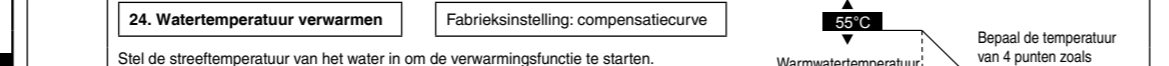
16. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



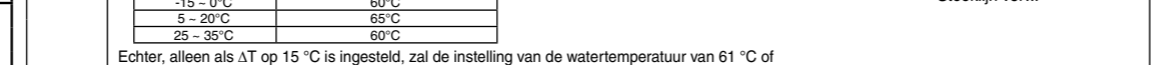
17. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



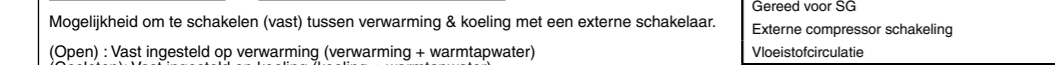
18. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



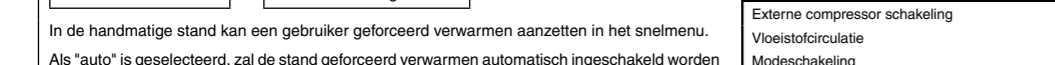
3-3.15. Verw.cap. Back-up

De aansluiting van de verwarmingscapaciteit back-up wordt aangegeven in de volgende tabel.



3-3.16. Verw.cap. Back-up

De aansluiting van de verwarmingscapaciteit back-up wordt aangegeven in de volgende tabel.



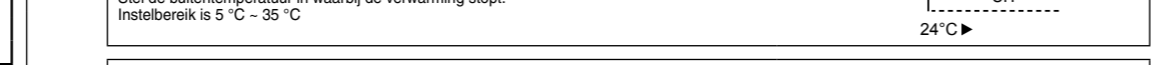
3-3.17. Verw.cap. Back-up

De aansluiting van de verwarmingscapaciteit back-up wordt aangegeven in de volgende tabel.



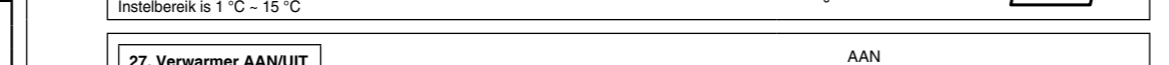
19. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



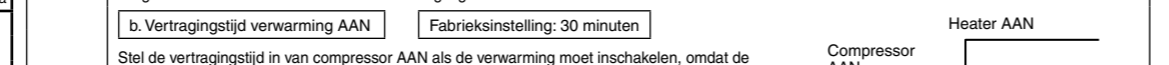
20. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



21. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



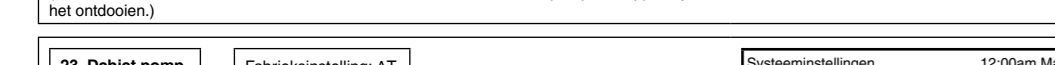
3-3.18. Verw.cap. Back-up

De aansluiting van de verwarmingscapaciteit back-up wordt aangegeven in de volgende tabel.



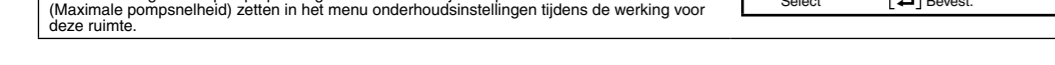
3-3.19. Verw.cap. Back-up

De aansluiting van de verwarmingscapaciteit back-up wordt aangegeven in de volgende tabel.



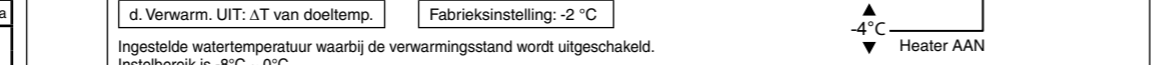
3-3.20. Verw.cap. Back-up

De aansluiting van de verwarmingscapaciteit back-up wordt aangegeven in de volgende tabel.



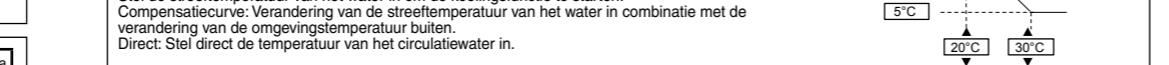
22. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



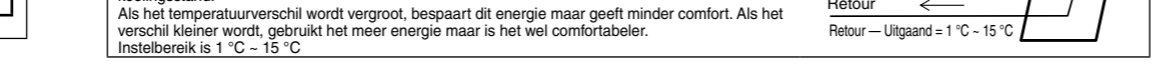
23. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



24. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



3-3.21. Verw.cap. Back-up

De aansluiting van de verwarmingscapaciteit back-up wordt aangegeven in de volgende tabel.



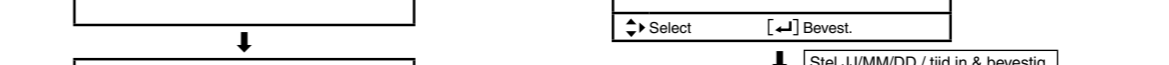
25. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



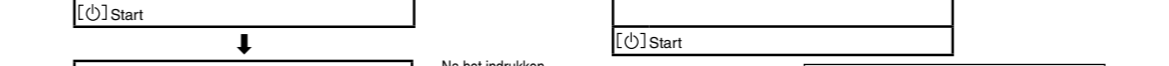
11. Bivalente aansluiting

De aansluiting van de bivalente aansluiting wordt aangegeven in de volgende tabel.



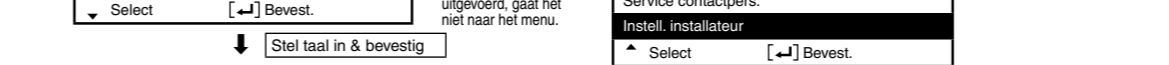
12. Alternatieve bufternk

De aansluiting van de alternatieve bufternk wordt aangegeven in de volgende tabel.



13. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



14. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



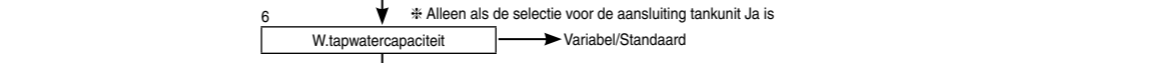
15. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



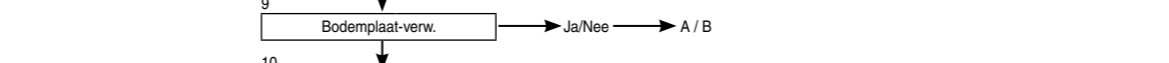
16. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



17. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



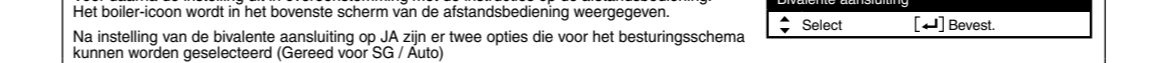
18. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



19. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



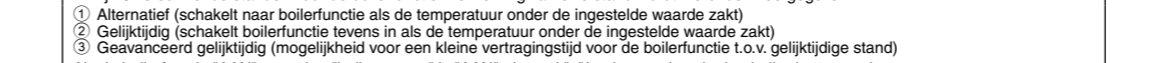
20. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



21. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



22. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



23. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



24. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



25. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



26. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



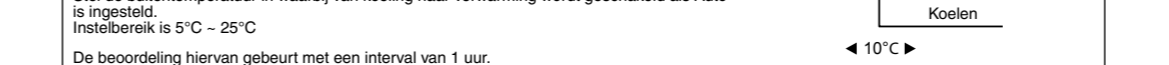
27. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



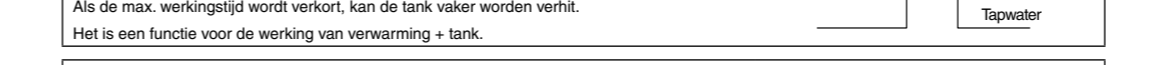
28. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



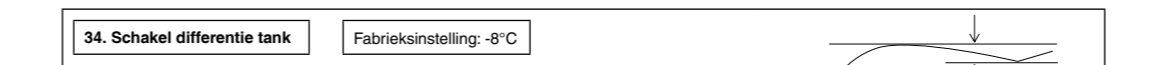
29. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



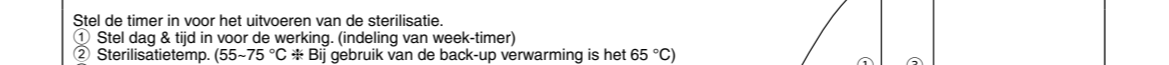
30. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



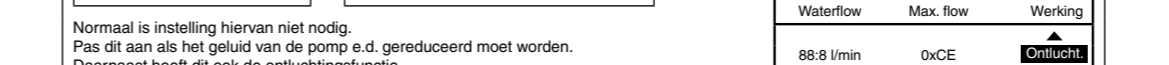
31. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



32. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



33. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



34. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



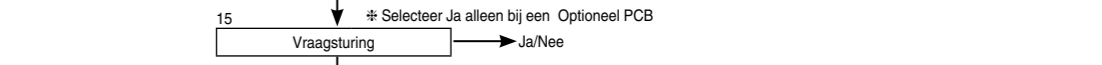
35. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



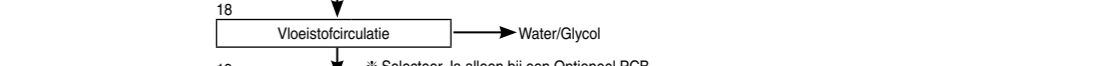
16. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



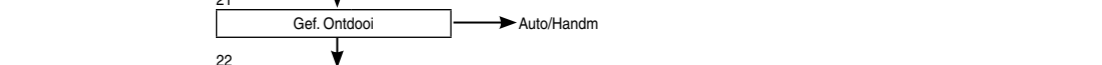
17. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



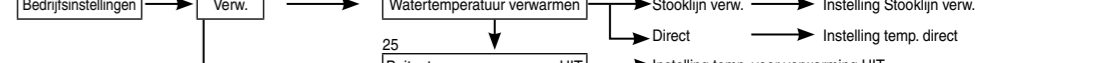
18. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



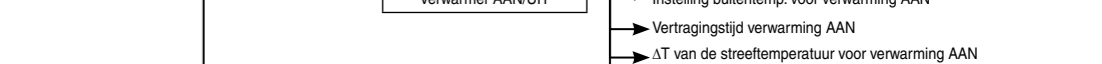
19. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



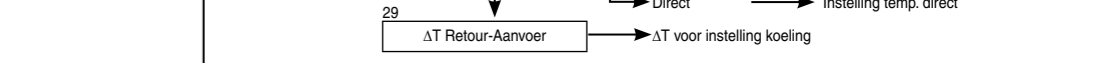
20. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



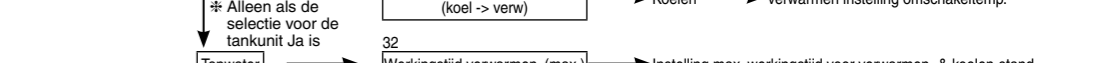
21. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



22. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



23. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.



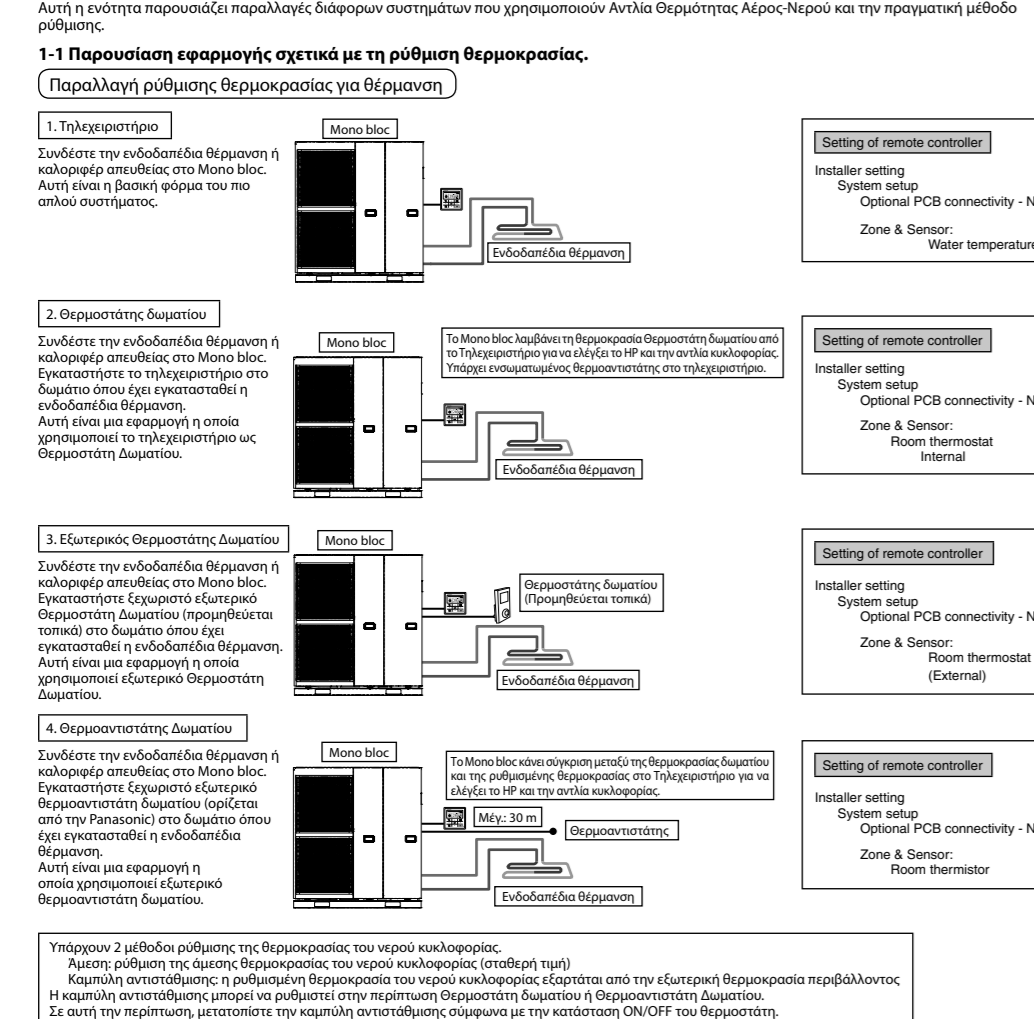
24. Aansluiting bufternk

De aansluiting van de bufternk wordt aangegeven in de volgende tabel.

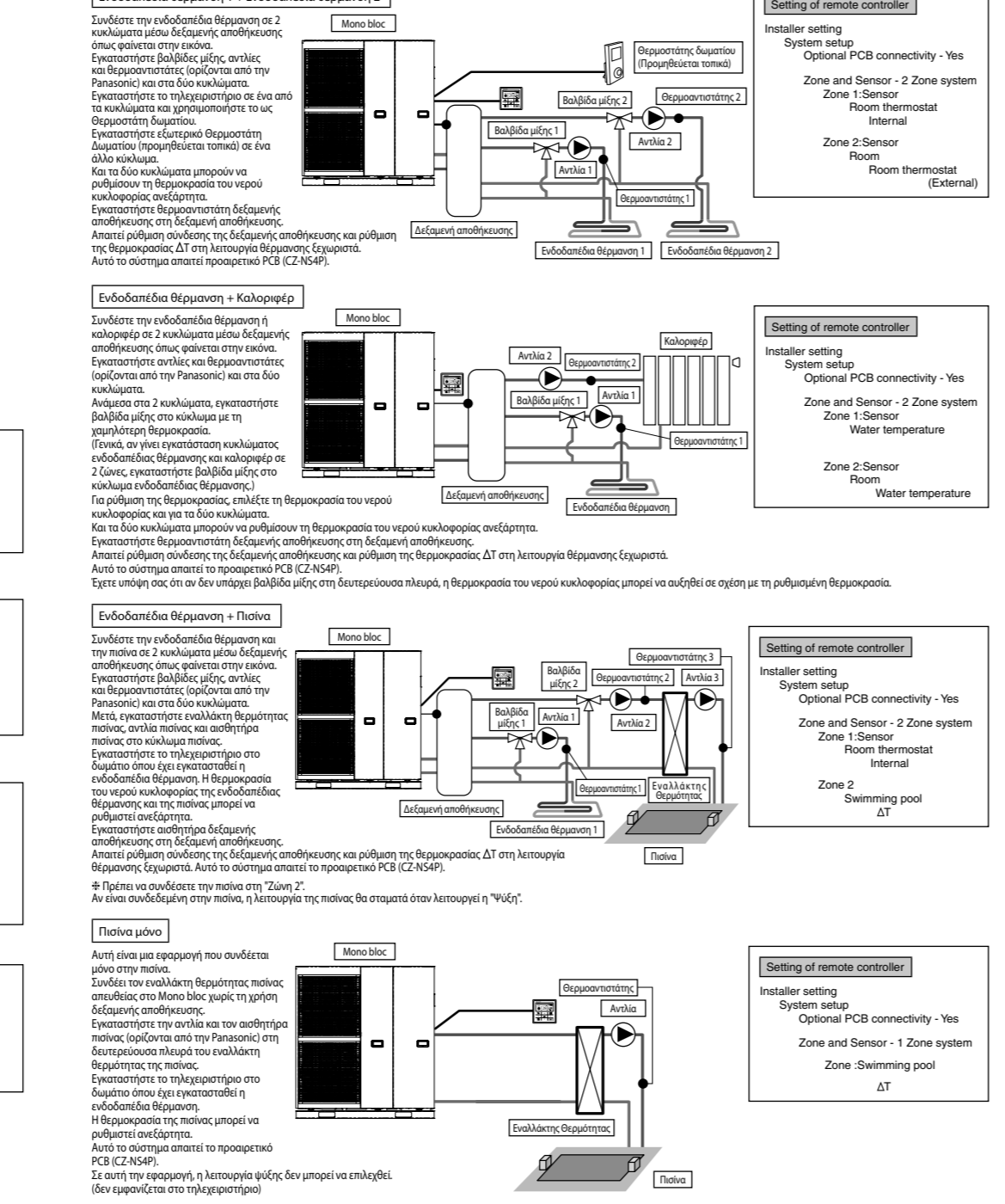
ΕΓΧΕΙΡΙΔΙΟ ΕΓΚΑΤΑΣΤΑΣΗΣ
ΑΝΤΙΑ ΘΕΡΜΟΤΗΤΑΣ ΑΕΡΟΣ-ΝΕΡΟΥ ΜΟΝΟ BLOC

WH-MXC093E5, WH-MXC12J6E5, WH-MXC093E8, WH-MXC12J6E8, WH-MXC16J9E8

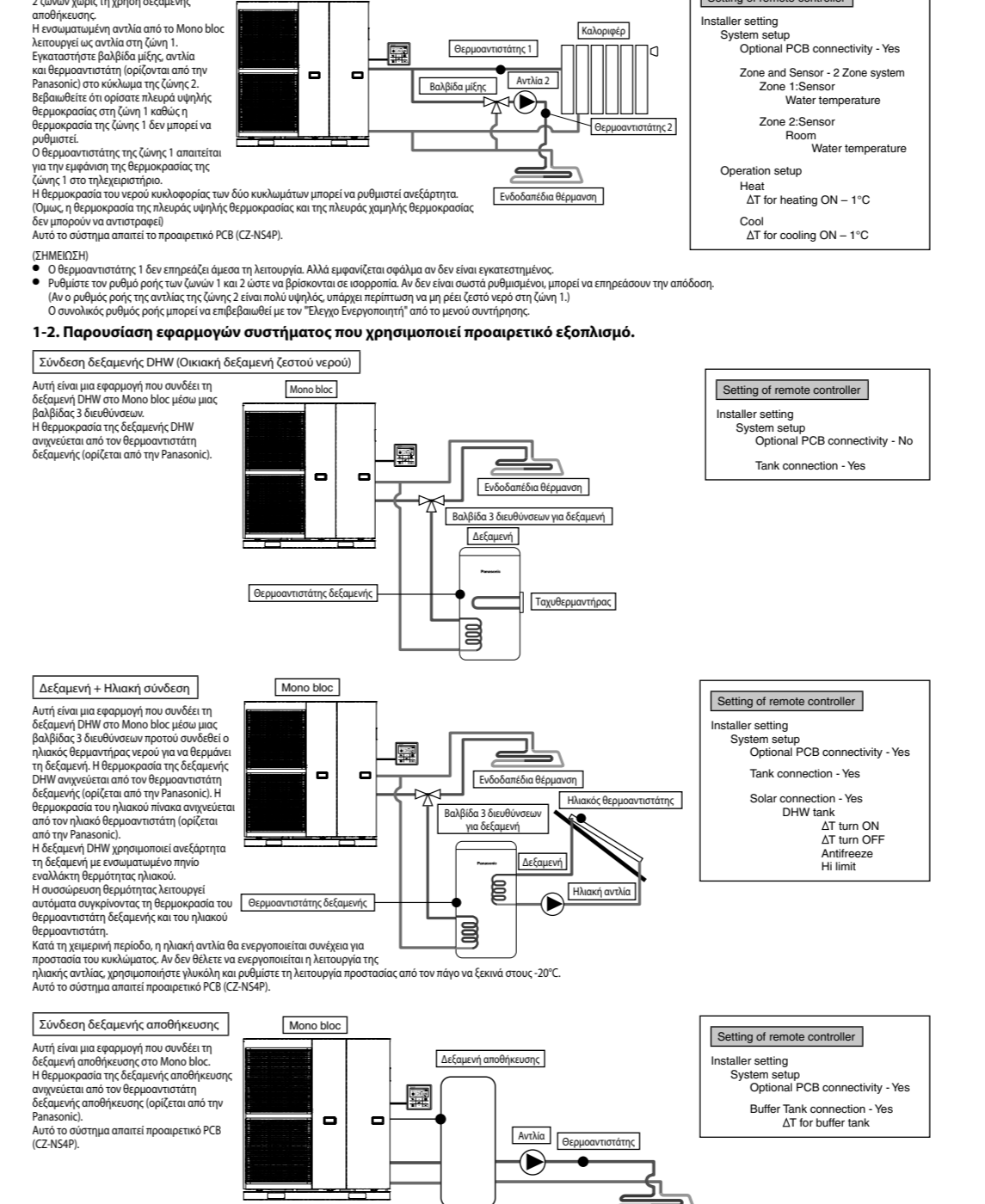
1 Παραλλαγή του συστήματος



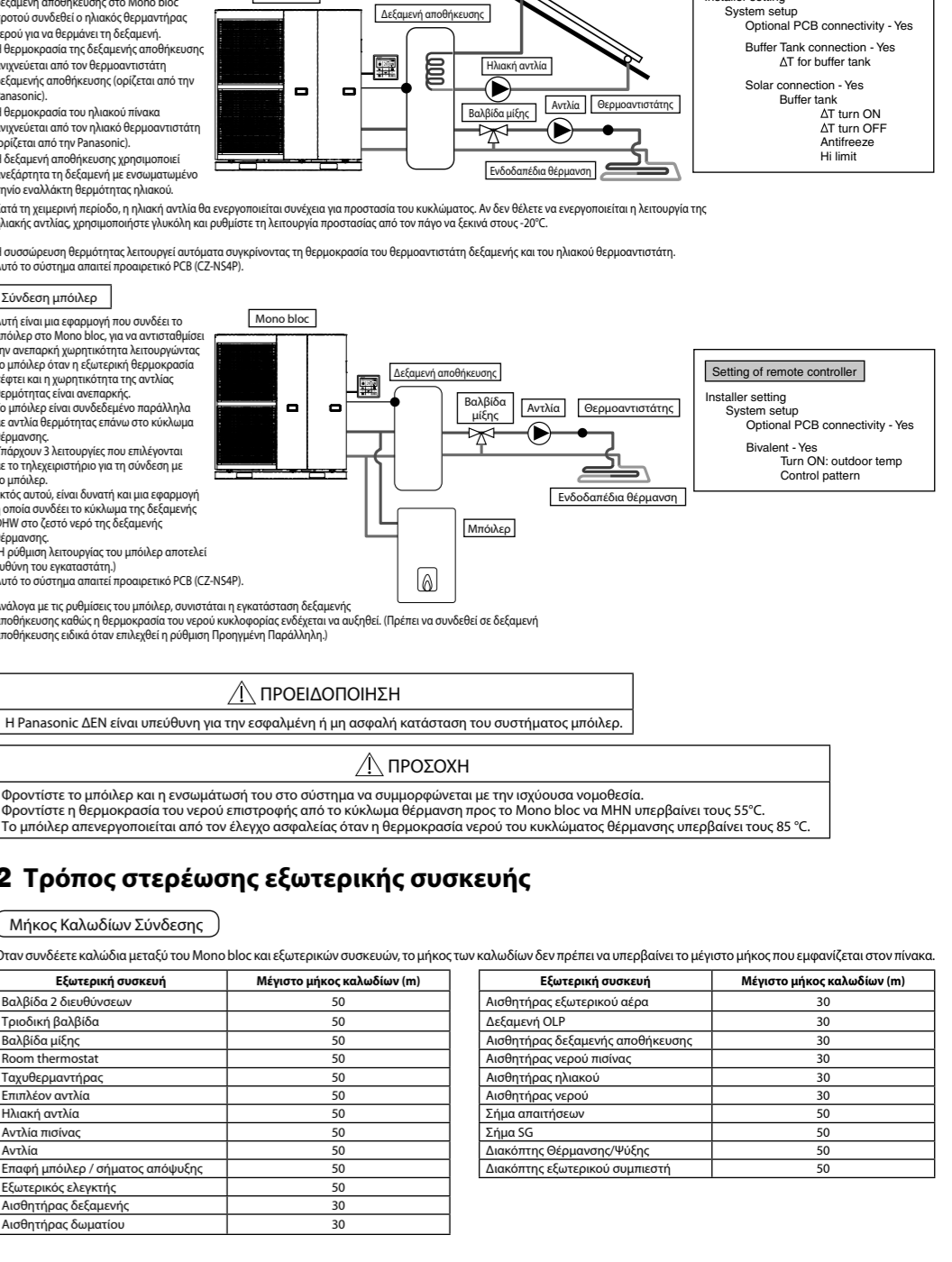
Παραλλαγή εγκατάστασης



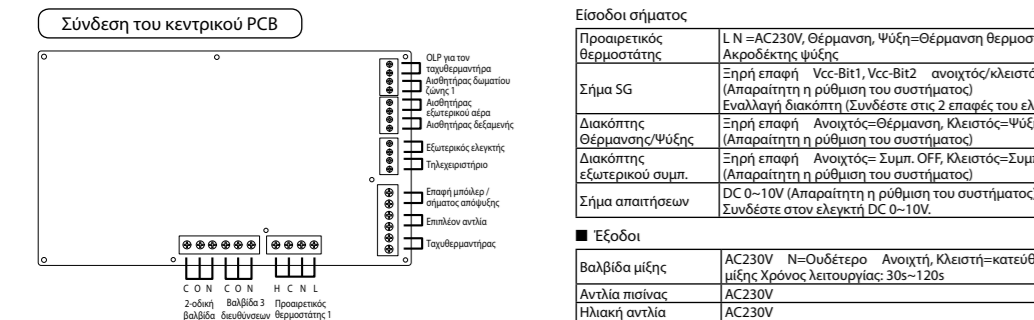
Αντι-2 ζώνες (Εξωτερικός θερμοστάτης + Ηλιακό/ηλεκτρικό)



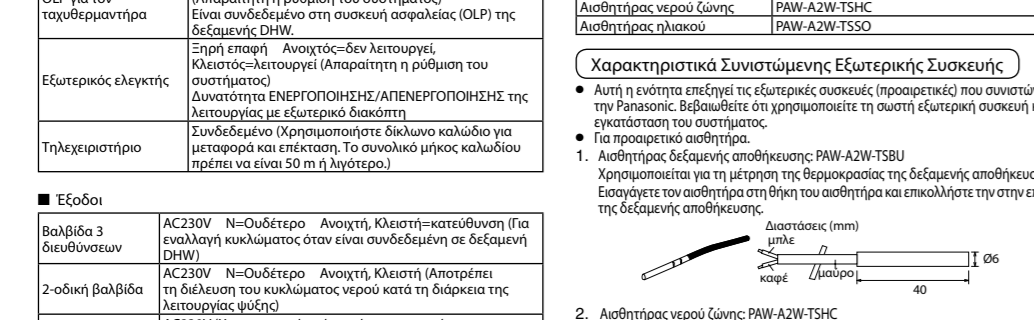
Αντι-2 ζώνες (Εξωτερικός θερμοστάτης + Ηλιακό/ηλεκτρικό)



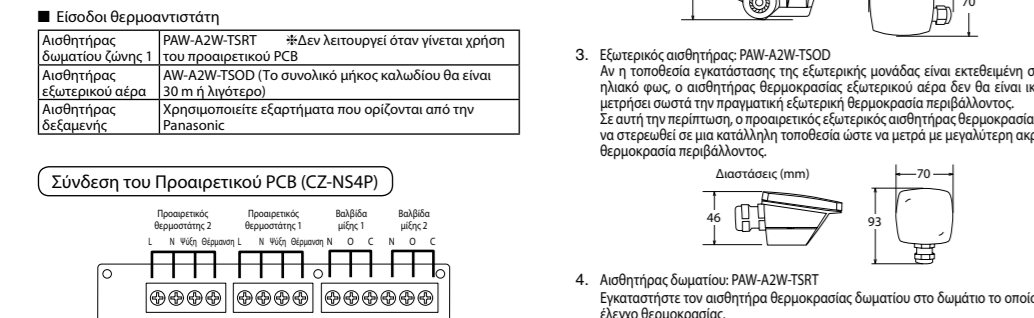
2 Διαστάσεις διαστάσεων



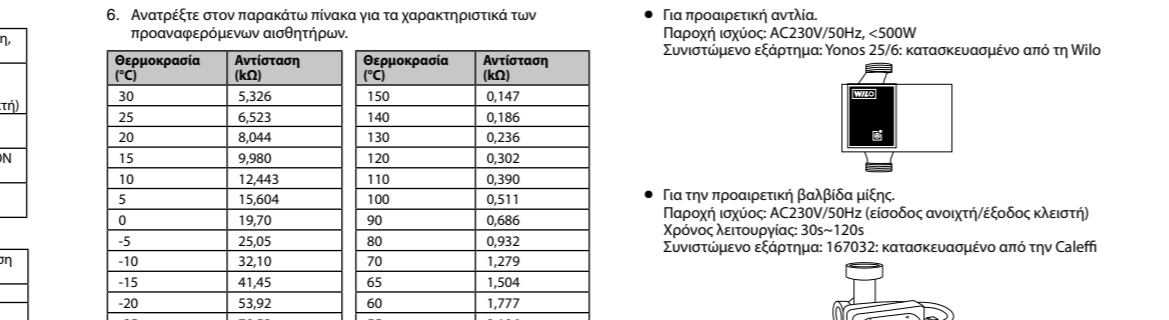
3 Εξωτερικός θερμοστάτης διαστάσεων



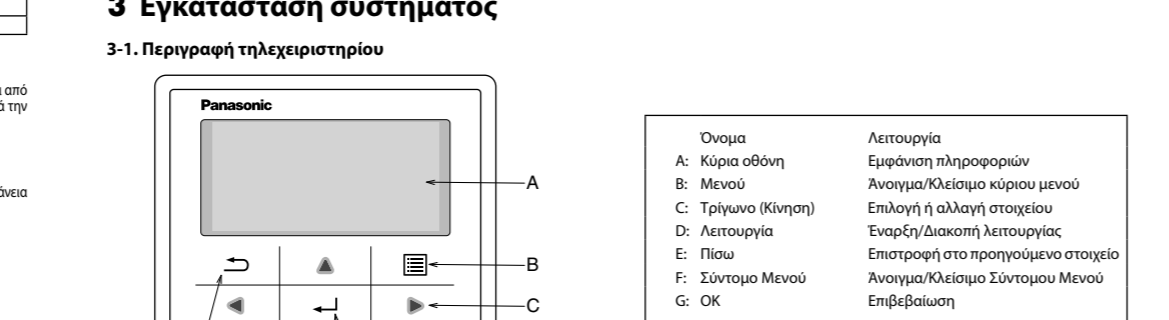
4 Φωτοαυτοματισμός διαστάσεων



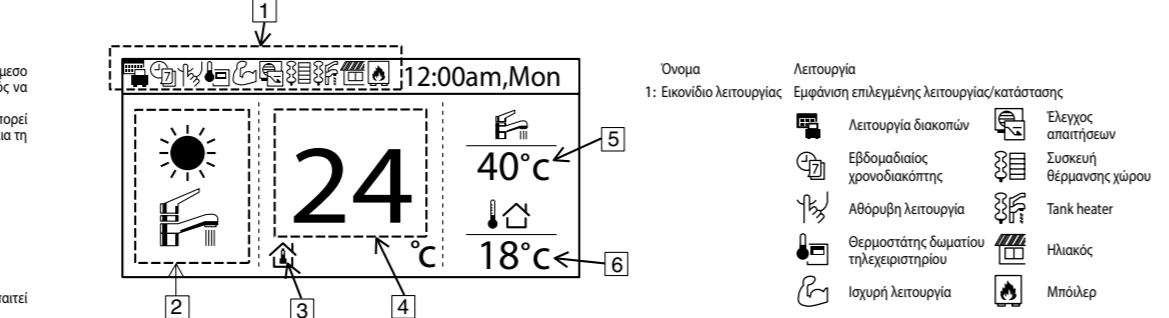
Εξωτερικός θερμοστάτης - Ηλιακό/ηλεκτρικό



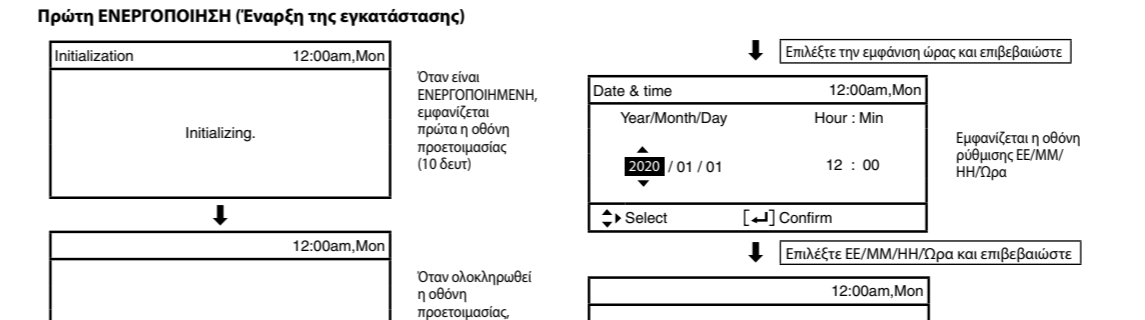
Εξωτερικός θερμοστάτης - Ηλιακό/ηλεκτρικό



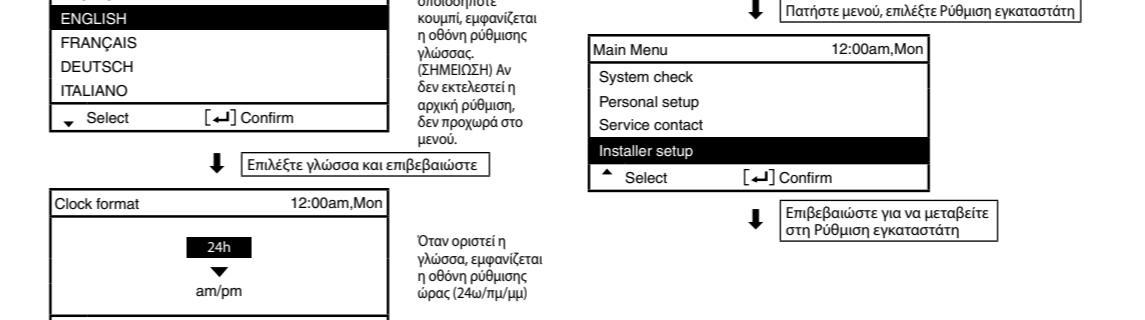
Εξωτερικός θερμοστάτης - Ηλιακό/ηλεκτρικό



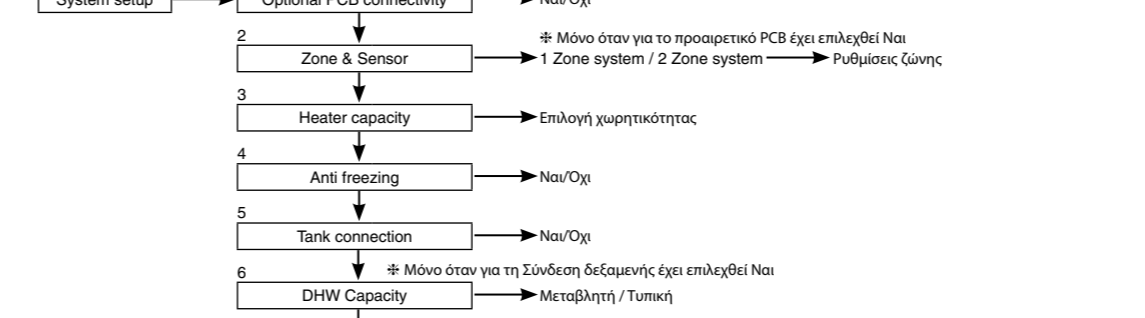
Εξωτερικός θερμοστάτης - Ηλιακό/ηλεκτρικό



Εξωτερικός θερμοστάτης - Ηλιακό/ηλεκτρικό



Εξωτερικός θερμοστάτης - Ηλιακό/ηλεκτρικό



ΠΡΟΒΛΕΠΟΜΕΝΗ ΠΡΟΣΟΧΗ

Η Panasonic δεν είναι υπεύθυνη για οποιαδήποτε (μη ασφαλή) κατάσταση του συστήματος μετά από...

2 Τρόπος στερέωσης εξωτερικής συσκευής

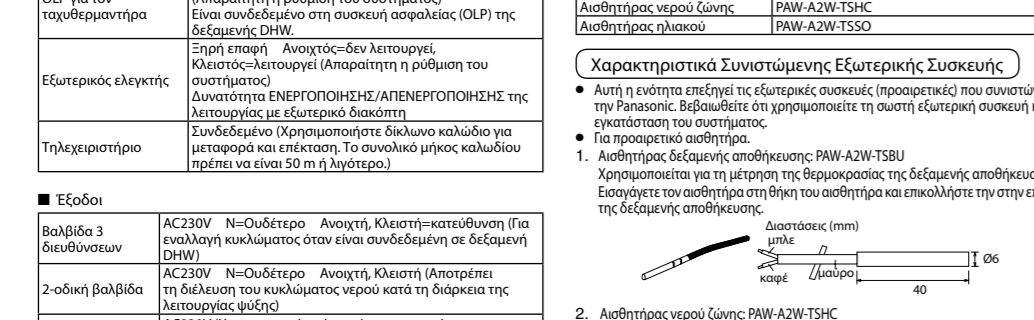
Μπορείτε να στερεώσετε τον εξωτερικό θερμοστάτη με τον τρόπο που φαίνεται στην εικόνα...

Table with 4 columns: Εξωτερικός θερμοστάτης, Μέγιστο μήκος καλωδίου (m), Εξωτερικός σωλήνας, Μέγιστο μήκος καλωδίου (m)

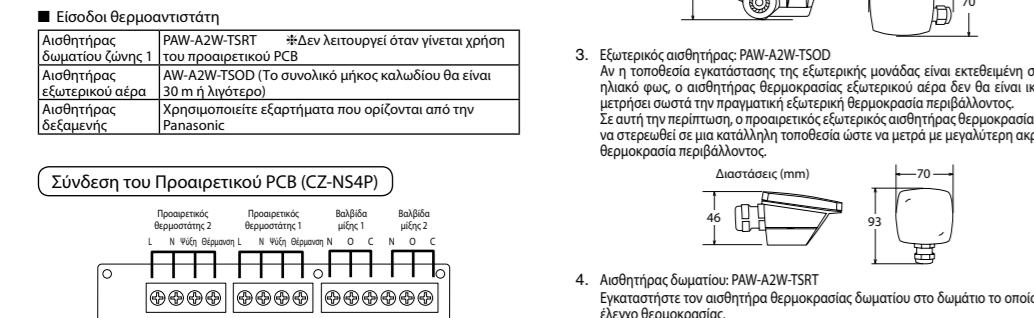
Σύνδεση του κεντρικού PCB



Εξωτερικός θερμοστάτης



Σύνδεση του Προσωπικού PCB (CZAS4P)

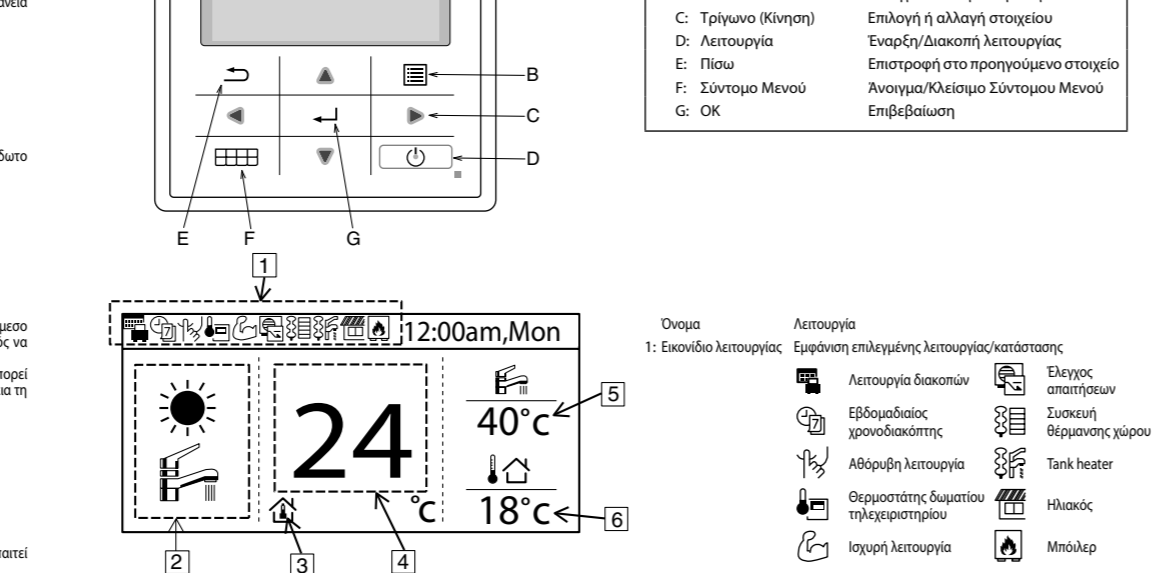


Απαιτήσεις παραπομπή πίνακα για τα χαρακτηριστικά των προσαρμοσμένων συστημάτων

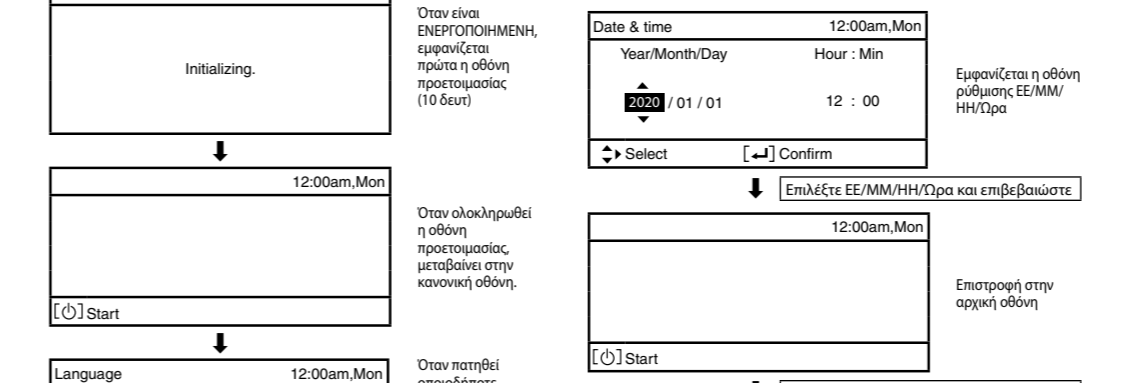
Table with 4 columns: Θερμοκρασία (°C), Χωρητικότητα (kWh), Αντιστάθμιση (kWh), Προσφορά (kWh)

3 Εγκατάσταση συστήματος

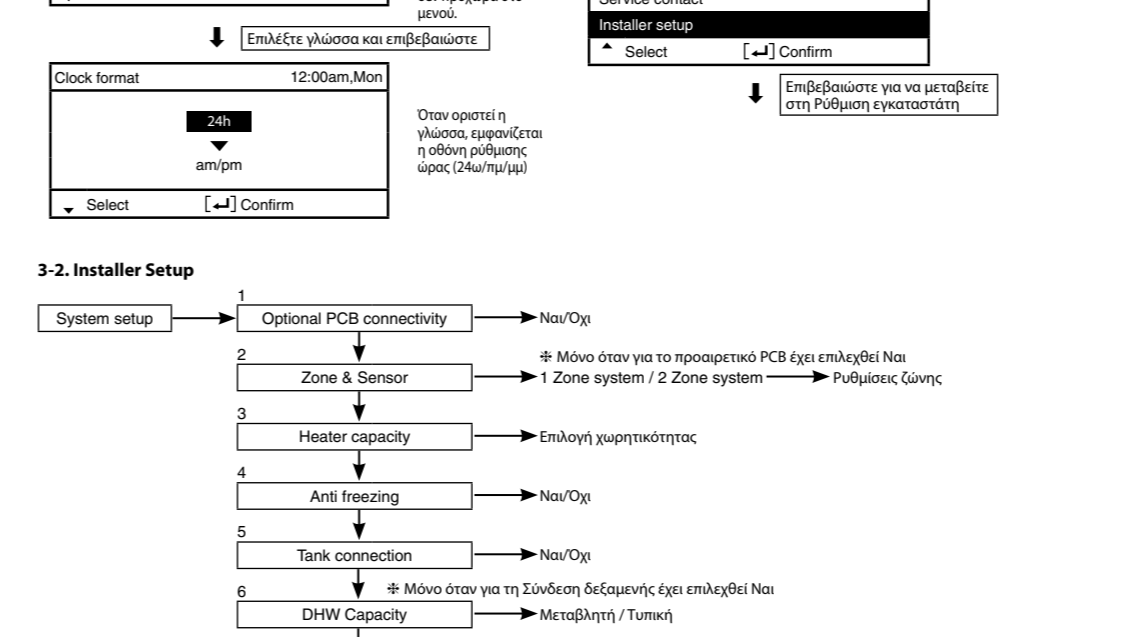
3-1. Προεργασία τηλεμετρίας



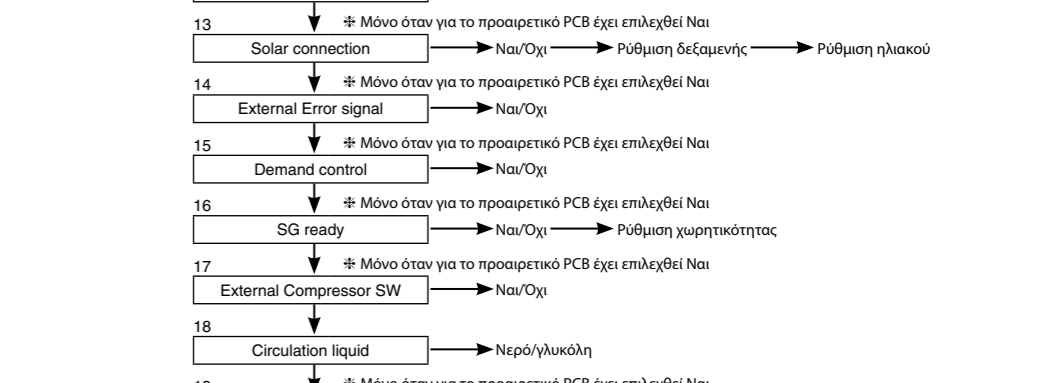
Πρώτη ΕΠΕΡΕΩΣΗ (Ένεση της εγκατάστασης)



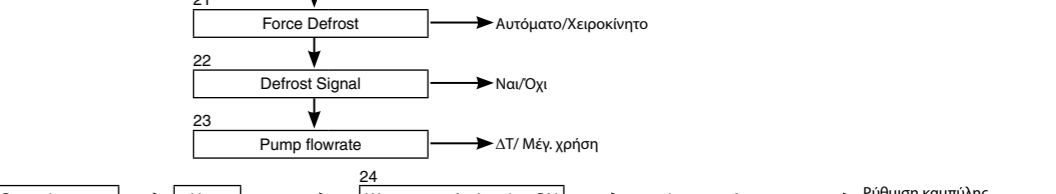
3-2. Installer Setup



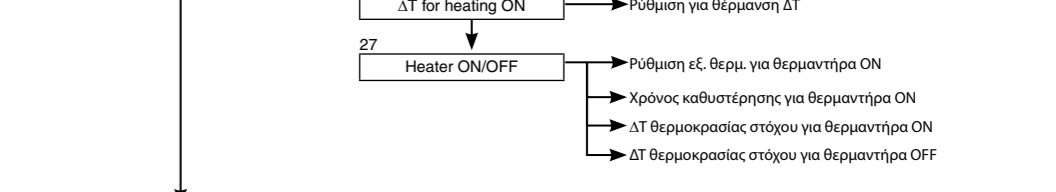
12. External SW



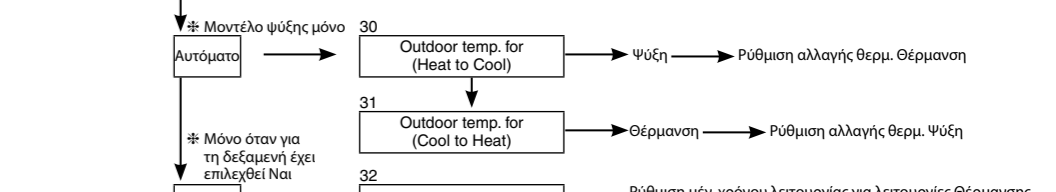
13. Solar connection



14. External Error signal



15. Demand control

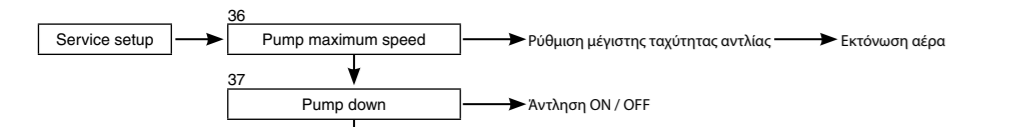


3-3. System Setup

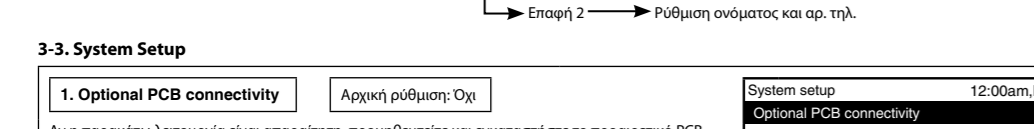
1. Optional PCB connectivity



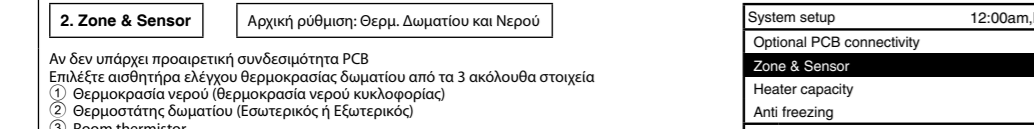
2. Zone & Sensor



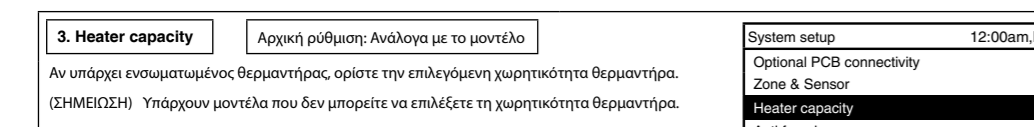
3. Heater capacity



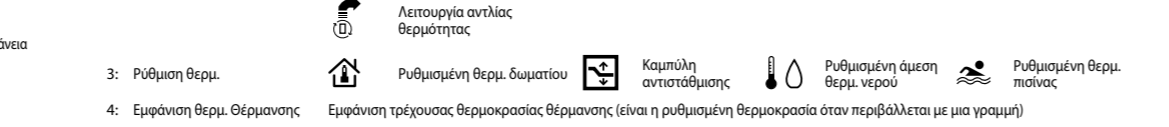
4. Anti freezing



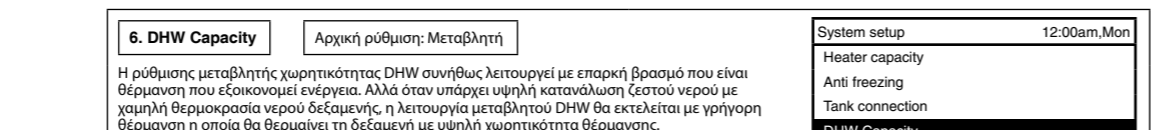
5. Tank connection



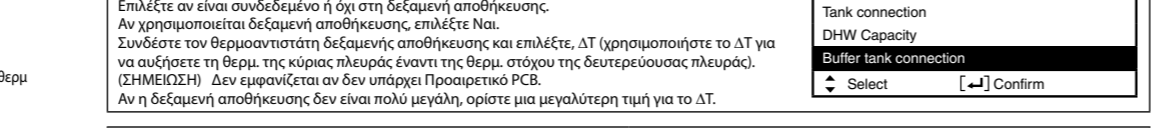
6. DHW Capacity



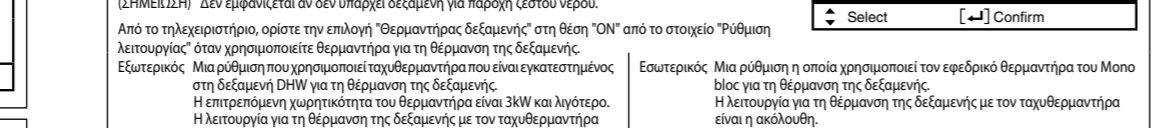
7. Buffer Tank connection



8. Tank heater



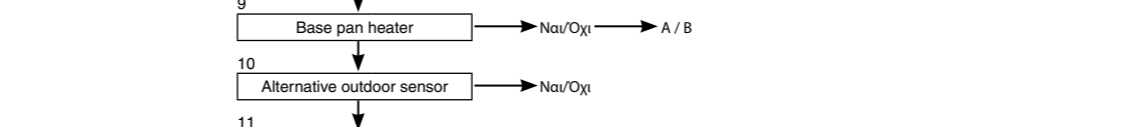
9. Base pan heater



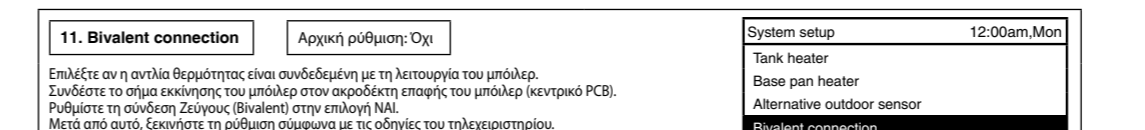
10. Alternative outdoor sensor



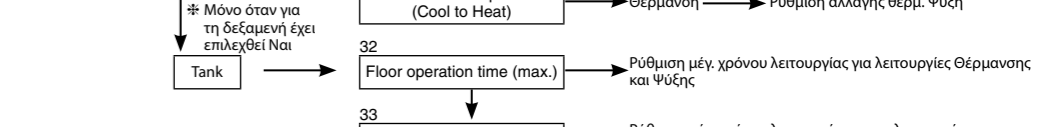
11. Bivalent connection



12. External SW



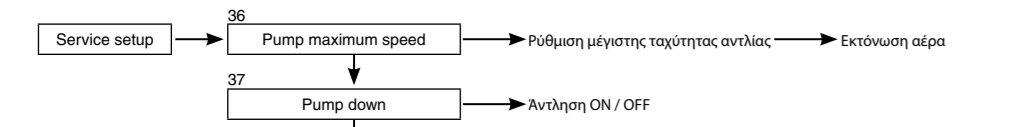
16. SG ready



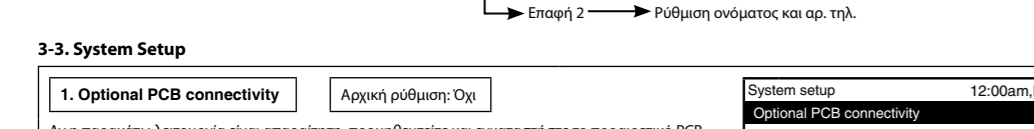
17. External Compressor SW



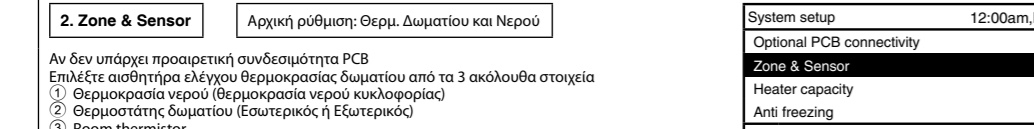
18. Circulation Liquid



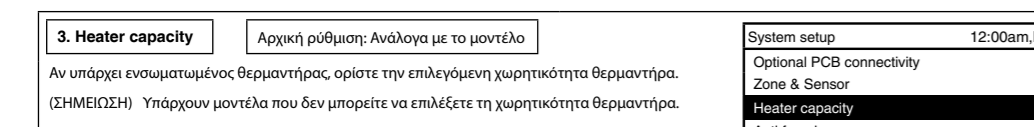
19. Heat-Cool SW



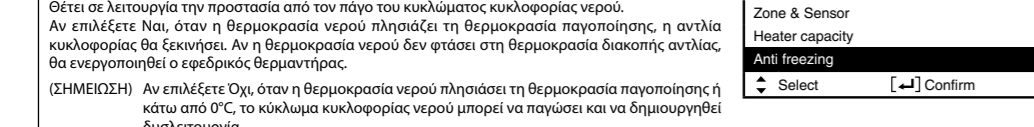
20. Force Defrost



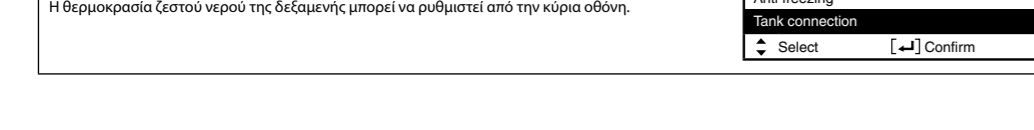
21. Force Defrost



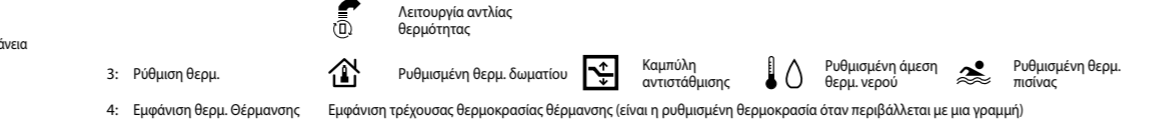
22. Defrost signal



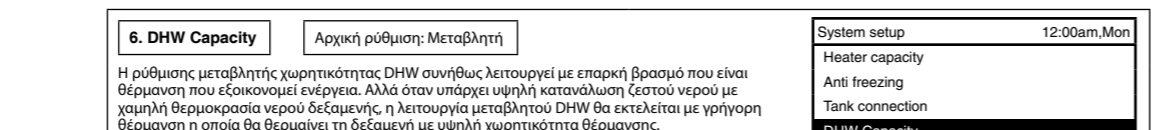
23. Pump flowrate



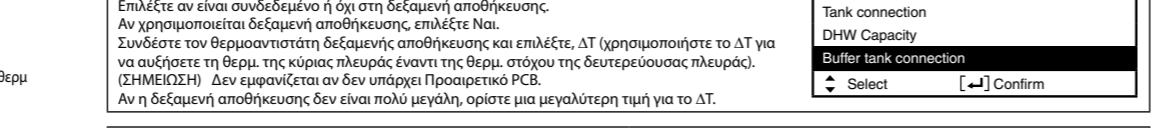
12. External SW



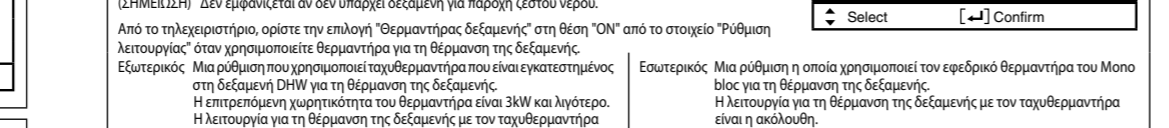
13. Solar connection



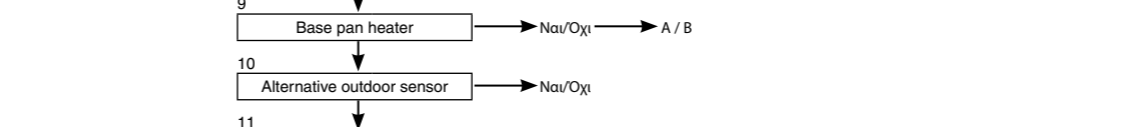
14. External Error signal



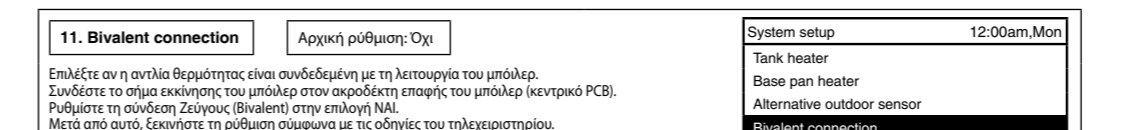
15. Demand control



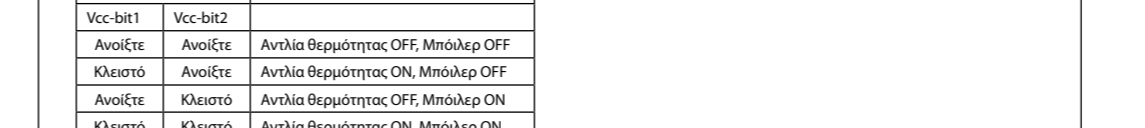
16. SG ready



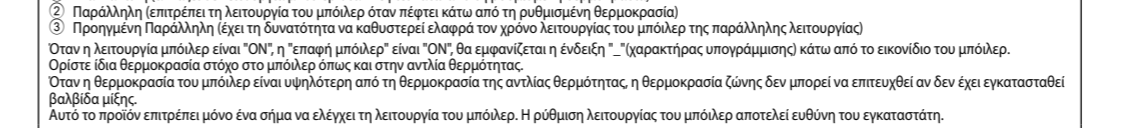
17. External Compressor SW



18. Circulation Liquid



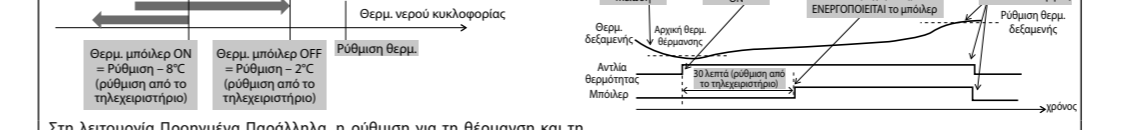
19. Heat-Cool SW



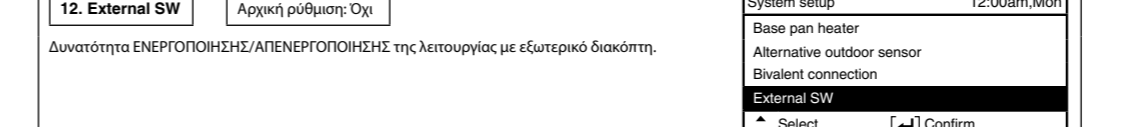
20. Force Defrost



21. Force Defrost



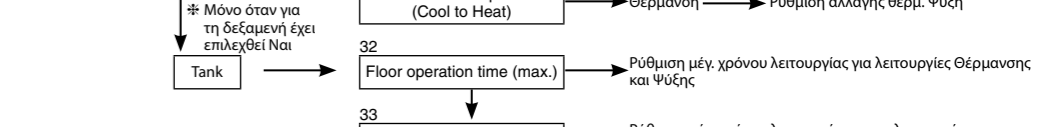
22. Defrost signal



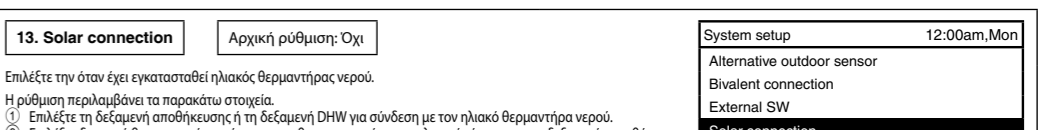
23. Pump flowrate



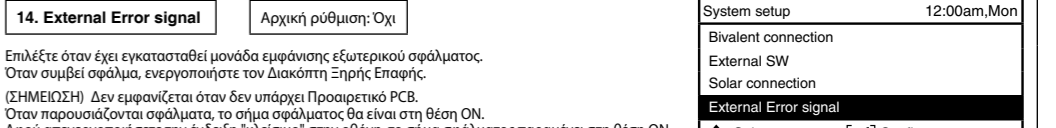
24. Outdoor temp. for heating ON



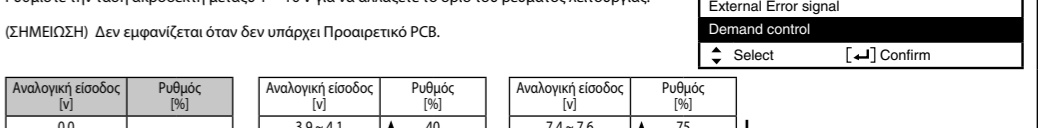
25. Outdoor temp. for heating OFF



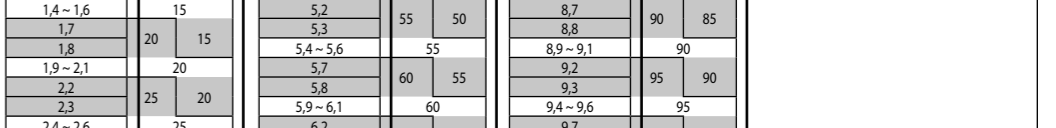
26. AT for heating ON



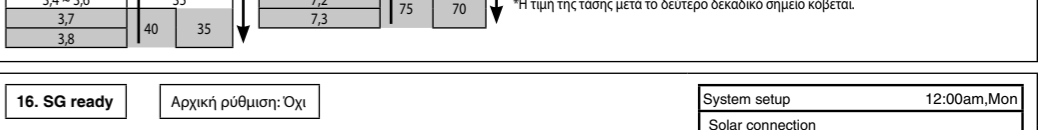
27. Heater ON/OFF



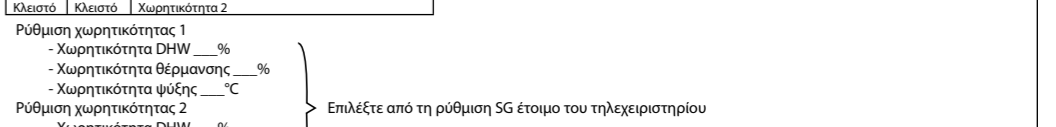
28. Water temp. for heating ON



29. Water temp. for heating OFF



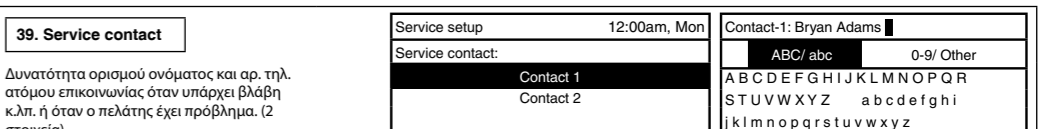
30. Outdoor temp. for (Heat to Cool)



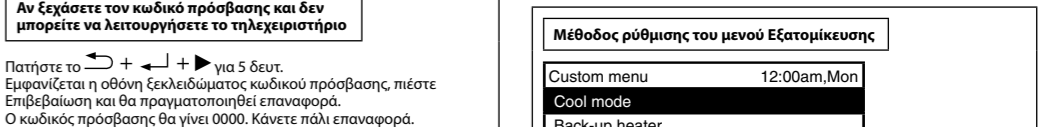
31. Outdoor temp. for (Cool to Heat)



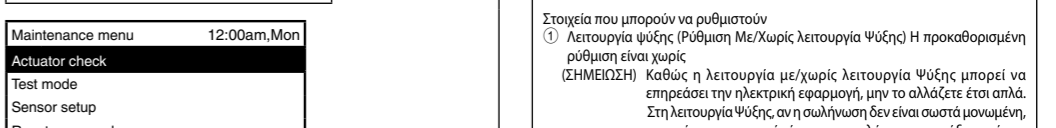
32. Tank heat up time (max.)



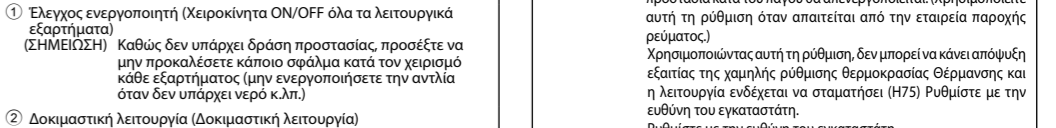
33. Tank heat up time (min.)



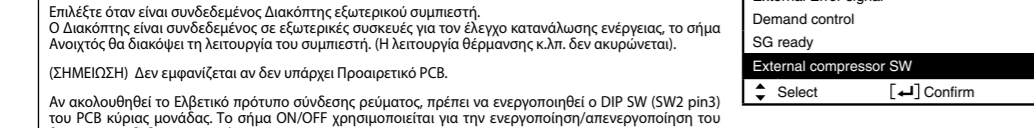
34. Tank re-heat temp.



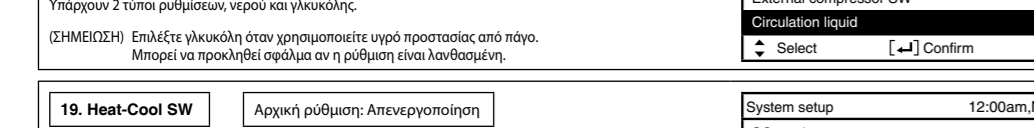
35. Sterilization



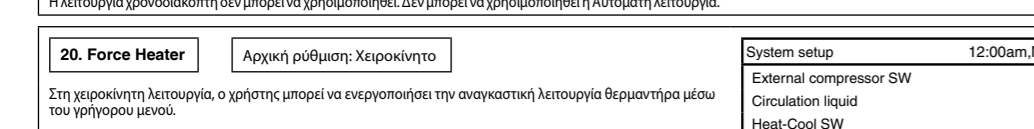
17. External Compressor SW



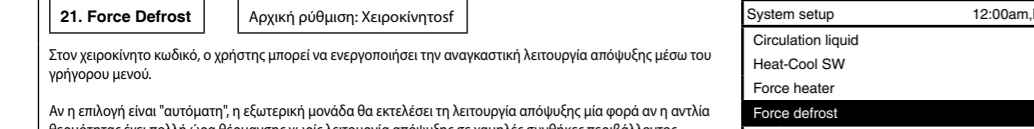
18. Circulation Liquid



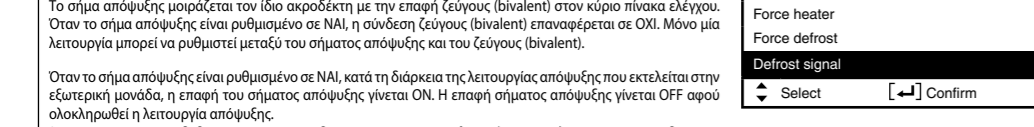
19. Heat-Cool SW



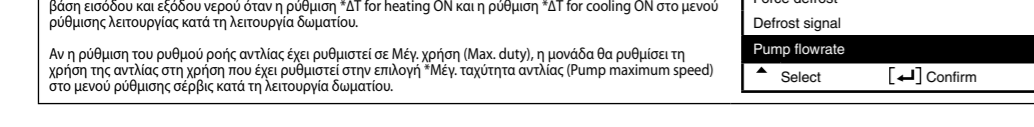
20. Force Defrost



21. Force Defrost



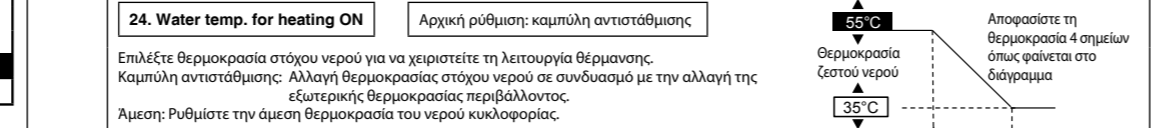
22. Defrost signal



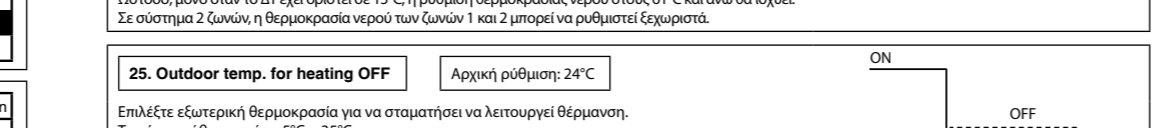
23. Pump flowrate



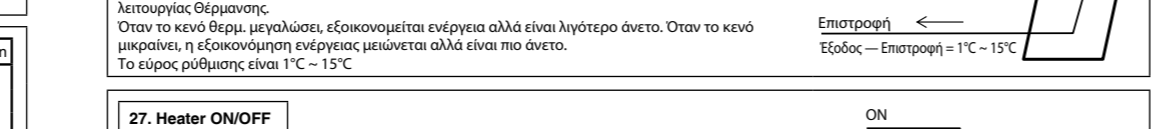
24. Outdoor temp. for heating ON



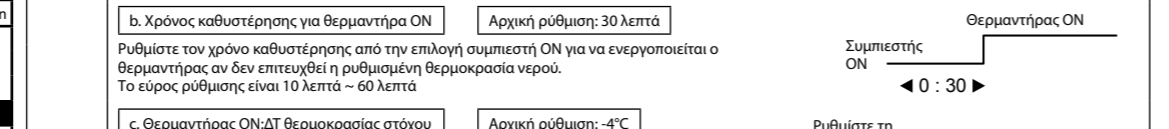
25. Outdoor temp. for heating OFF



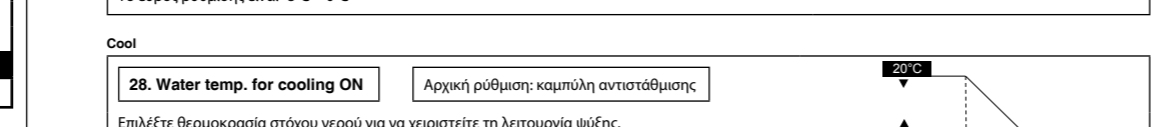
26. AT for heating ON



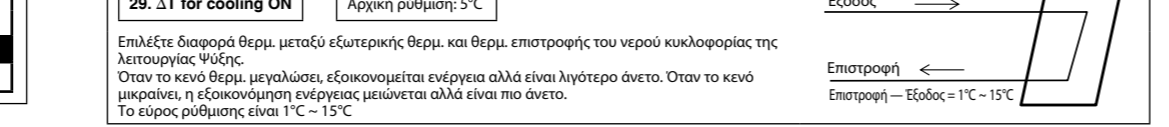
27. Heater ON/OFF



28. Water temp. for heating ON



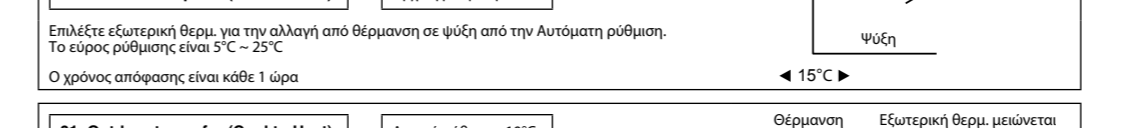
29. Water temp. for heating OFF



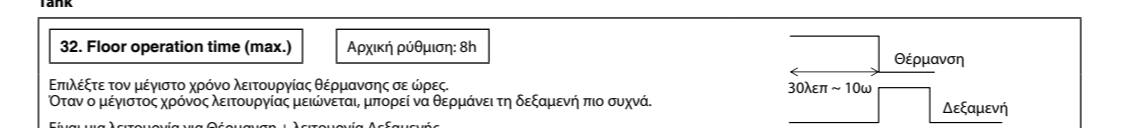
30. Outdoor temp. for (Heat to Cool)



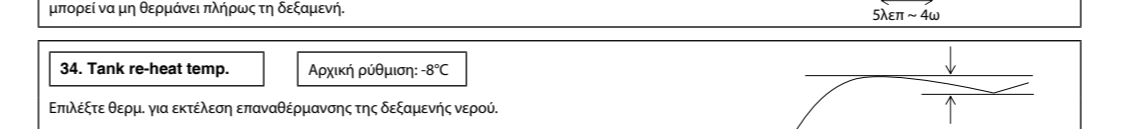
31. Outdoor temp. for (Cool to Heat)



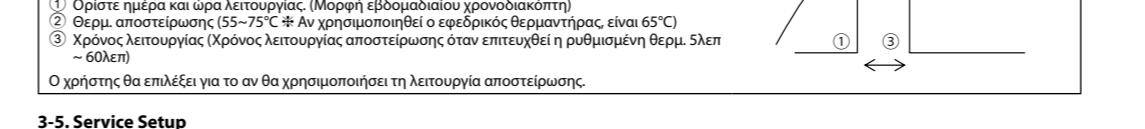
32. Tank heat up time (max.)



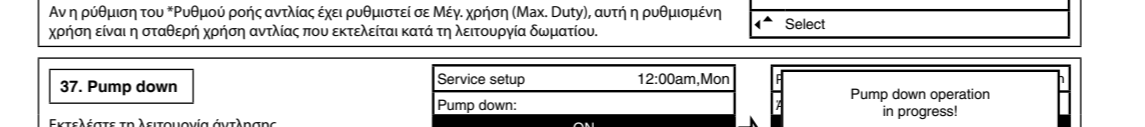
33. Tank heat up time (min.)



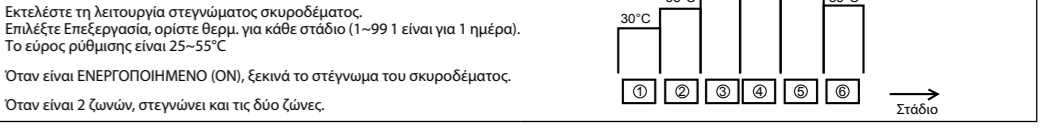
34. Tank re-heat temp.



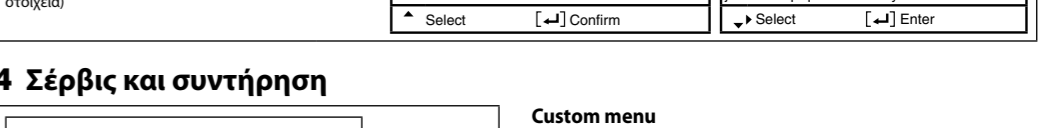
35. Sterilization



36. Service contact



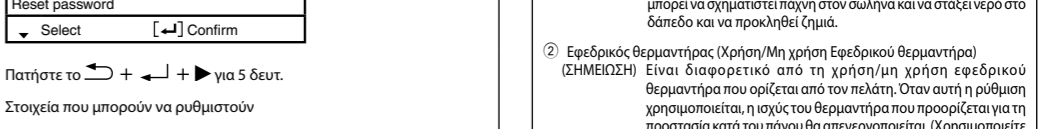
37. Floor operation time (max.)



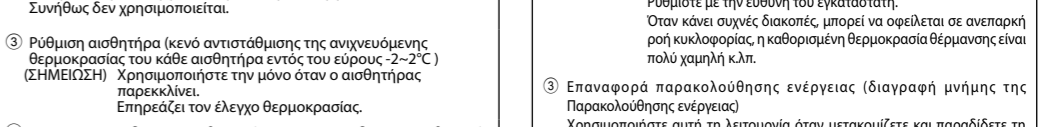
38. Service contact



39. Maintenance menu



40. Maintenance menu



41. Maintenance menu



42. Maintenance menu



Manuál pro instalaci

TEPELNÉ ČERPADLO VZDUCH VODA (MONOBLOK)

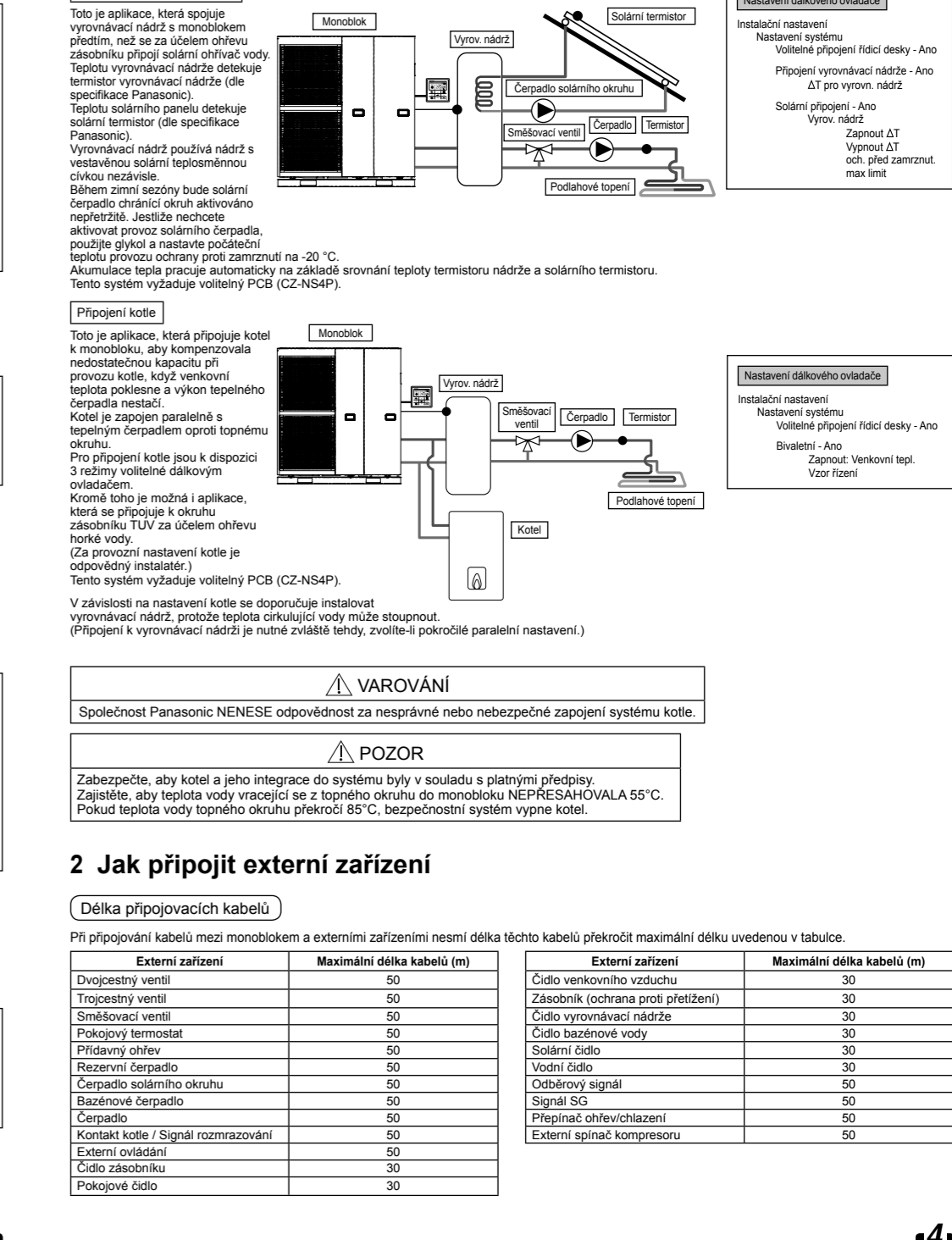
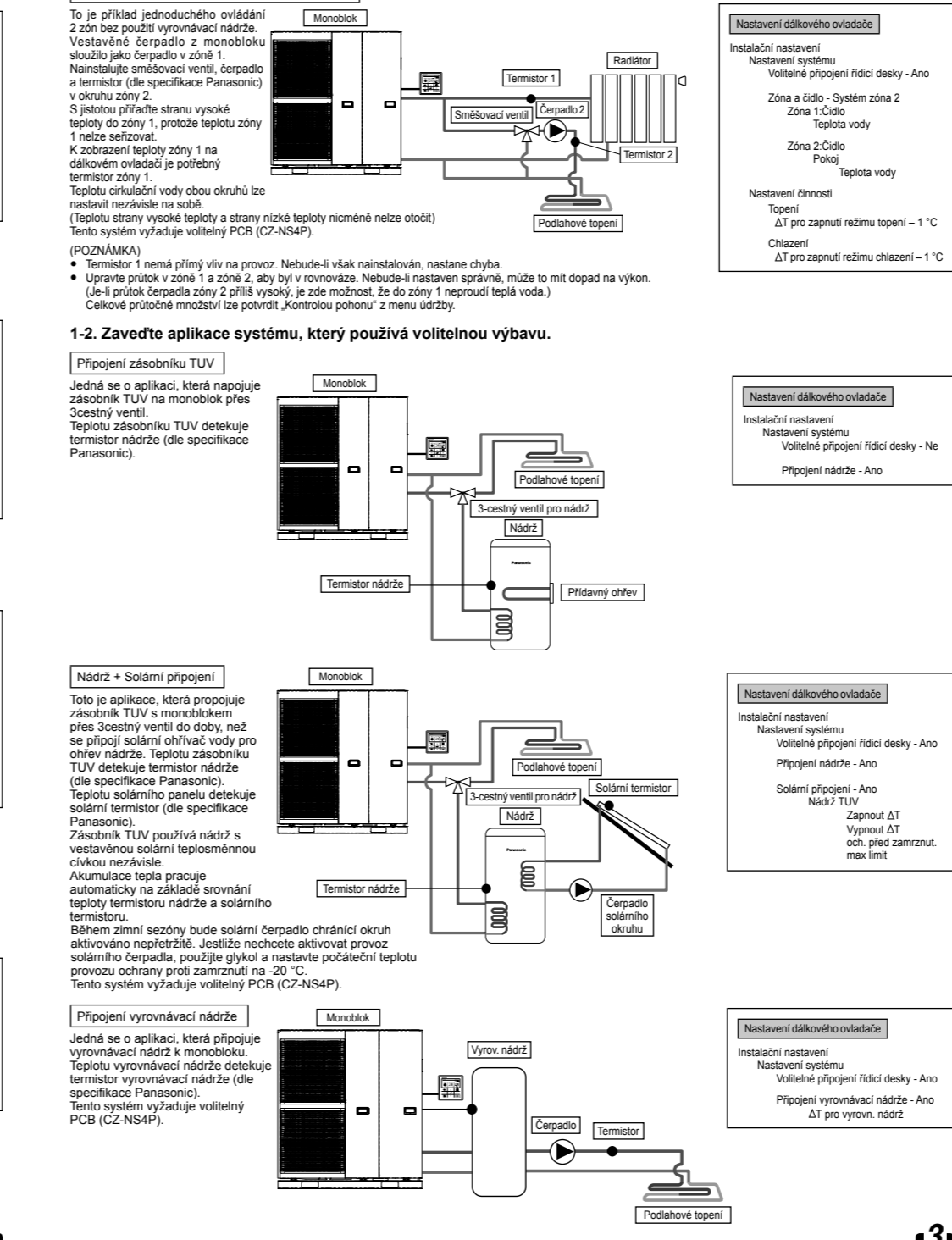
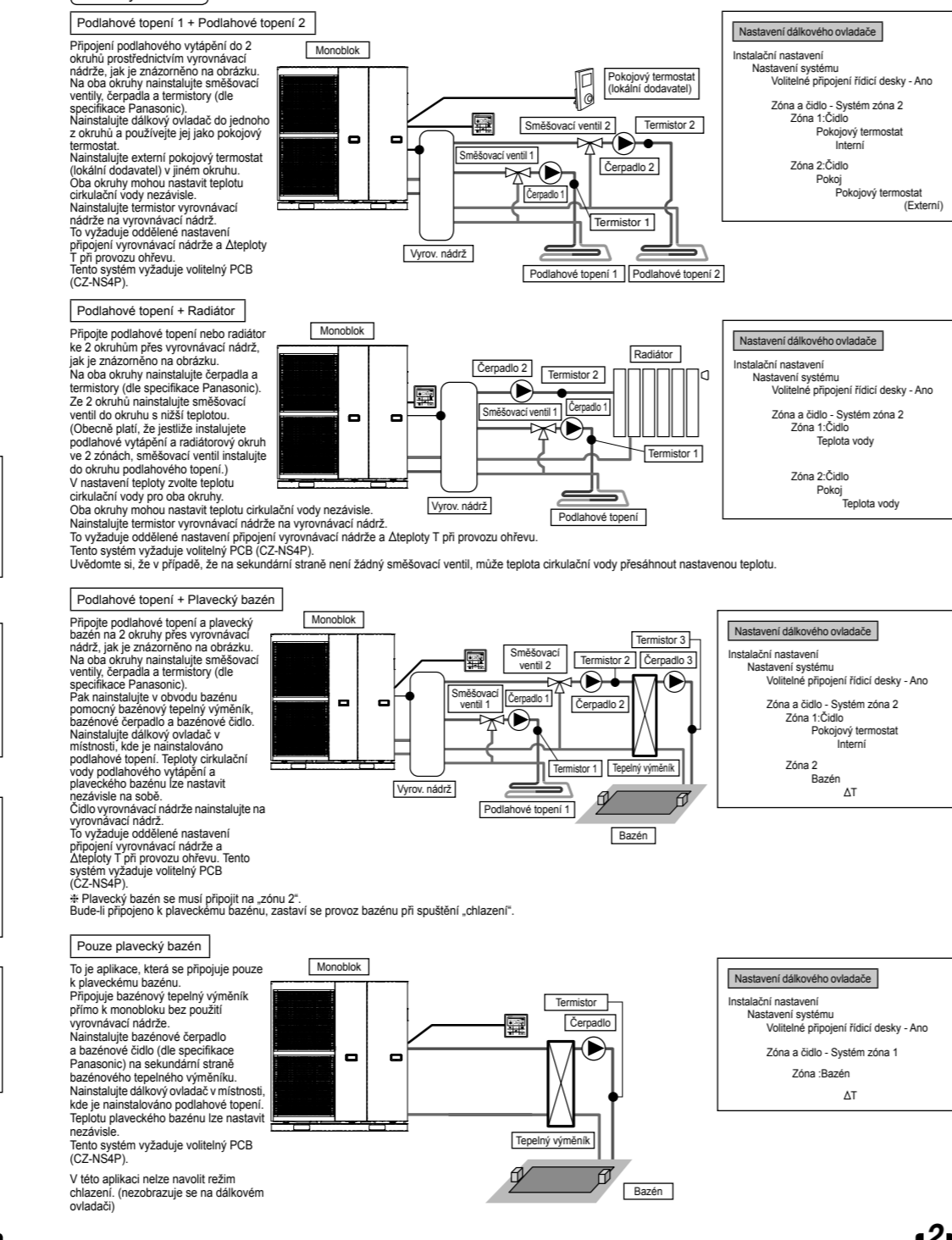
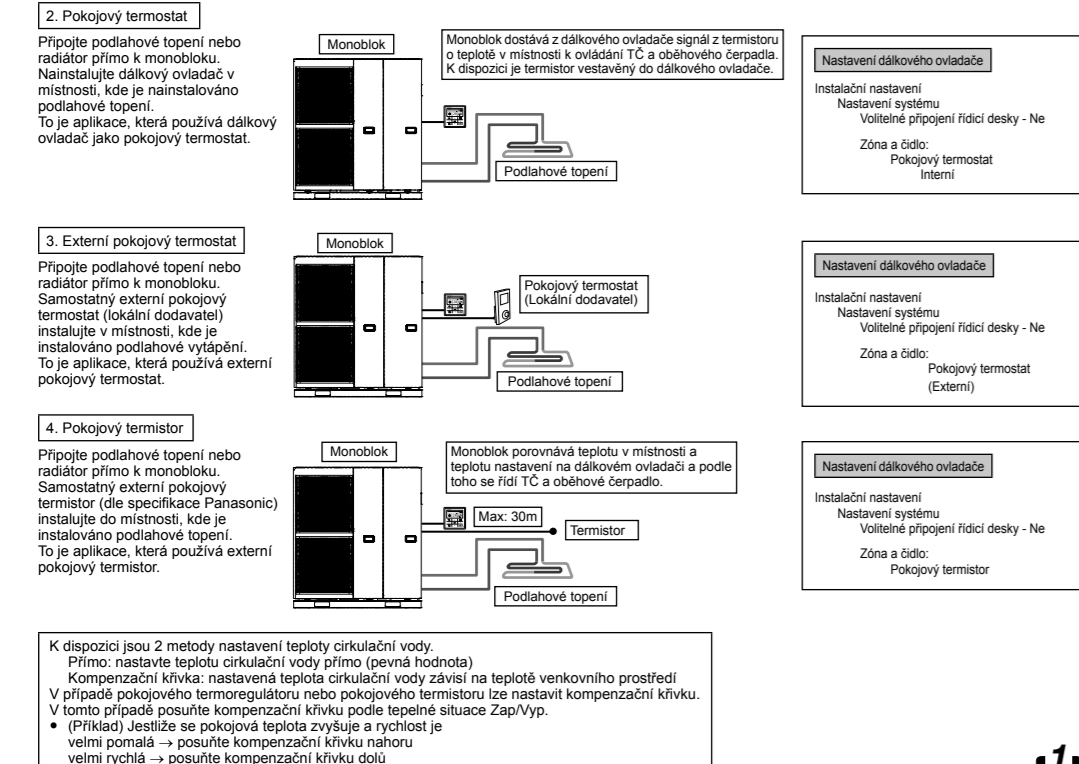
WH-MXC09J3ES, WH-MXC12J6ES, WH-MXC09J3ESB, WH-MXC12J6ESB, WH-MXC16J9ES

1 Obměna systému

Tento oddíl představuje obměny různých systémů využívajících tepelné čerpadlo vzduch-voda a aktualizaci způsobů nastavení.

1.1 Zavedení aplikací pro nastavení teploty

Obměny nastavení teploty pro topení



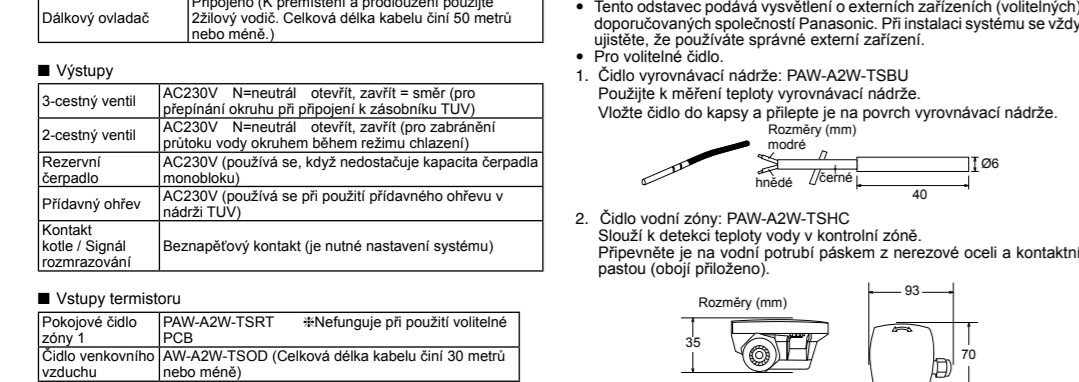
2 Jak připojit externí zařízení

Dejka připojovacích kabelů

Table with columns: Externí zařízení, Maximální délka kabelu (m), and Maximální počet kabelů (m).

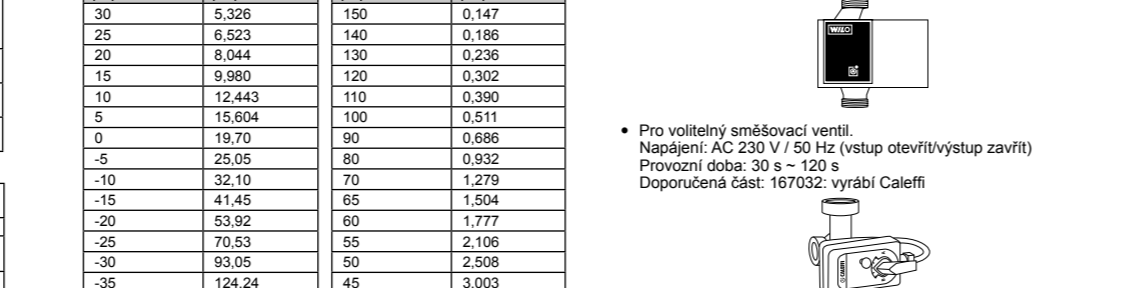
2.1 Instalace nastavení

První spuštění (start instalace)

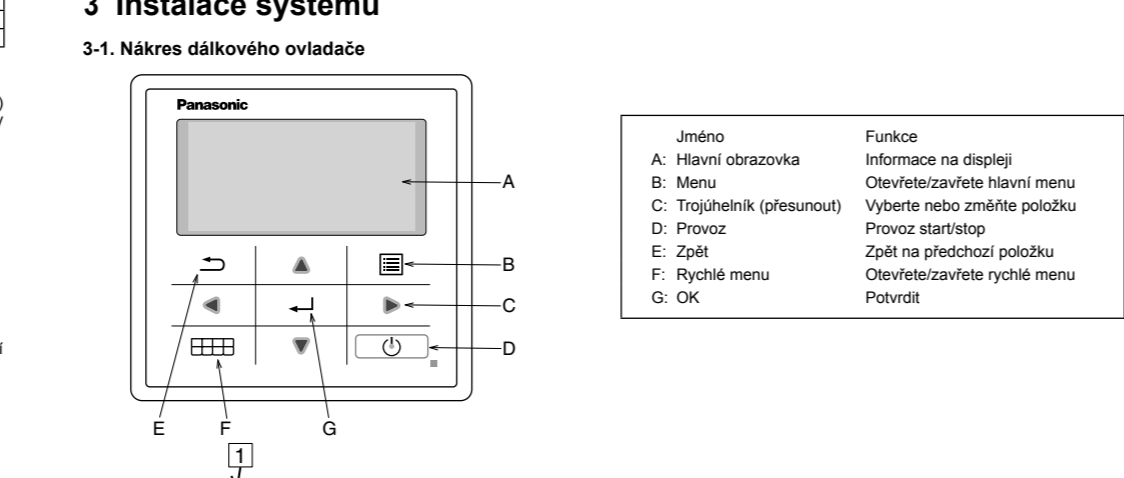


3 Instalace systému

3.1 Návrh dávkového ovládacího panelu



3.2 Nastavení systému



3.3 Nastavení systému

1. Volební připojení řídicí desky

2. Zóna a čísla

3. Výkon top. sp.

4. Proti zamrznutí

5. Připojení nádrže

6. DHW kapacita

7. Připojení vyrovnávací nádrže

8. Top. spřítlač. nádrž

9. Ohřev vany kond.

10. Alternativní venkovní čísla

3.4 Nastavení činnosti

17. Esterní vypínač kompresoru

18. Oběhová kapalina

19. Připínání top. čláku

20. Nucený oběh

21. Nuc. odraz.

22. Signál rozmrazování

23. Průtok čerpadla

24. Top. vst. pro sp. v. rež. top.

25. Venk. teplot. pro v. rež. top.

26. AT pro zapnutí režimu topení

27. Topení ZAP/VYP

28. V. teplota pro sp. v. rež. top.

29. Vysok. Pod

30. Servisní kontakt

31. Venk. top. pro rež. (top. do ohř.)

32. Servisní kontakt

33. Servisní kontakt

34. Teplota opět ohřevu nádrže

35. Sterilizace

36. Max. odčerp. objem čerpadla

37. Ohřev vany kond.

38. Vysok. Pod

39. Venk. top. pro rež. (top. do ohř.)

40. Servisní kontakt

41. Servisní kontakt

42. Servisní kontakt

43. Servisní kontakt

44. Servisní kontakt

45. Servisní kontakt

46. Servisní kontakt

47. Servisní kontakt

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49. Servisní kontakt

50. Servisní kontakt

51. Servisní kontakt

52. Servisní kontakt

53. Servisní kontakt

54. Servisní kontakt

55. Servisní kontakt

4 Servis a údržba

17. Esterní vypínač kompresoru

18. Oběhová kapalina

19. Připínání top. čláku

20. Nucený oběh

21. Nuc. odraz.

22. Signál rozmrazování

23. Průtok čerpadla

24. Top. vst. pro sp. v. rež. top.

25. Venk. teplot. pro v. rež. top.

26. AT pro zapnutí režimu topení

27. Topení ZAP/VYP

28. V. teplota pro sp. v. rež. top.

29. Vysok. Pod

30. Servisní kontakt

31. Venk. top. pro rež. (top. do ohř.)

32. Servisní kontakt

33. Servisní kontakt

34. Teplota opět ohřevu nádrže

35. Sterilizace

36. Max. odčerp. objem čerpadla

37. Ohřev vany kond.

38. Vysok. Pod

39. Venk. top. pro rež. (top. do ohř.)

40. Servisní kontakt

41. Servisní kontakt

42. Servisní kontakt

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63. Servisní kontakt

64. Servisní kontakt

65. Servisní kontakt

5 Servisní nastavení

36. Max. odčerp. objem čerpadla

37. Ohřev vany kond.

38. Vysok. Pod

39. Venk. top. pro rež. (top. do ohř.)

40. Servisní kontakt

41. Servisní kontakt

42. Servisní kontakt

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44. Servisní kontakt

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77. Servisní kontakt

78. Servisní kontakt

79. Servisní kontakt

80. Servisní kontakt

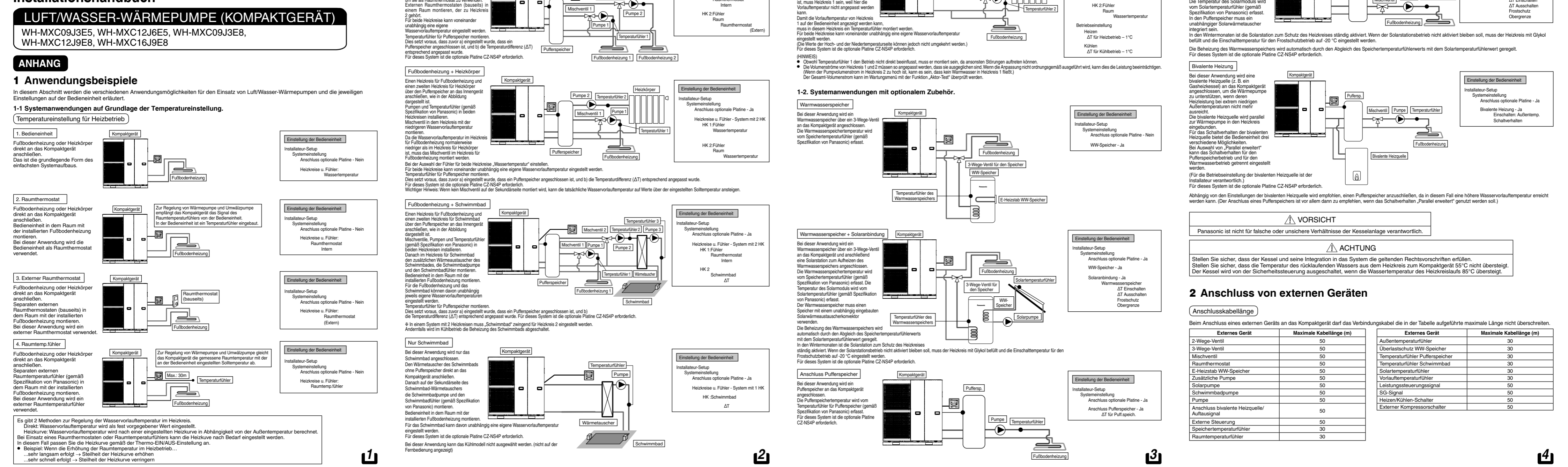
81. Servisní kontakt

82. Servisní kontakt

83. Servisní kontakt

84. Servisní kontakt

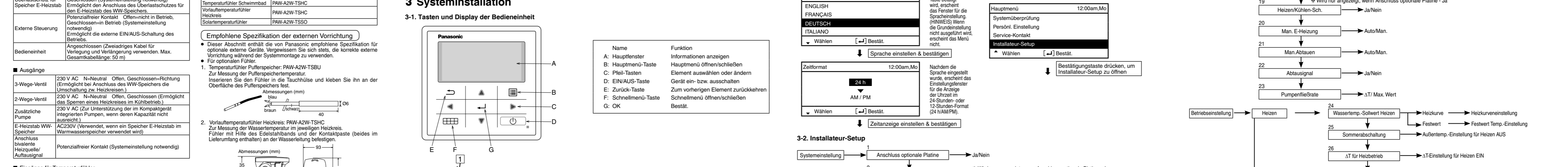
1.1 Systemanwendungen auf Grundlage der Temperatureinstellung



2. Anschluss von externen Geräten

Table with columns: Externes Gerät, Maximale Kabellänge (m), Externes Gerät, Maximale Kabellänge (m). Lists various external devices like pumps and valves.

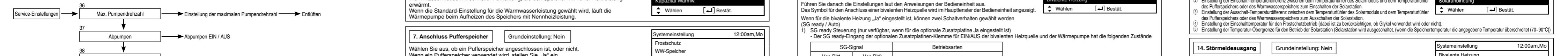
3. Systeminstallation



3-1. Tasten und Display der Bedieneinheit



3-2. Systemeinstellung



3-3. Systemeinstellung

Series of numbered steps (1-12) for system configuration, including setting room temperature, fan speed, and system mode.

3-4. Betriebseinstellung

Series of numbered steps (13-23) for operational settings, including fan speed, temperature differences, and scheduling.

Kurulum Kılavuzu

HAVA-SU ISI POMPASI MONO BLOK

WH-MXC09J3ES, WH-MXC12J6ES, WH-MXC09J3ESB, WH-MXC12J6ESB, WH-MXC16J9ES

1 Sistem değişikliği

Bu bölüme Hava-Su Isı Pompası Sistemi ve gerekçe ayar yöntemleri çeşitli sistemlerin değiştirilmesi tanıtılmaktadır. Bu bölüme Hava-Su Isı Pompası Sistemi ve gerekçe ayar yöntemleri çeşitli sistemlerin değiştirilmesi tanıtılmaktadır.

1-1 Sıcaklık ayarları için uygulamayı tanıyın.

İstima için sıcaklık ayarı değeri

1. Uzaktan Kumanda

Zemin istimasını veya radyatörün Monobloğa bağlayın. Uzaktan Kumanda'yı zemin istimasına takın. Bu uzaktan Kumanda'yı Oda Termostatı olarak kullanın ve uygulayın.

2. Oda Termostatı

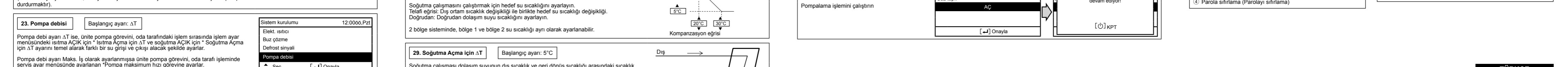
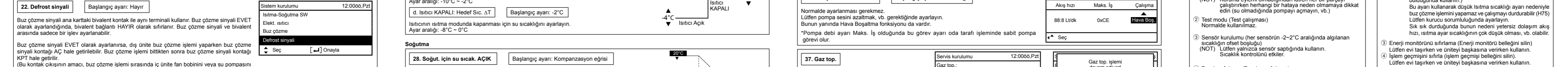
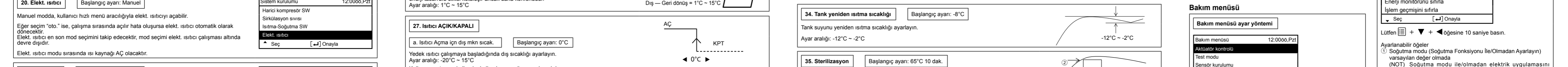
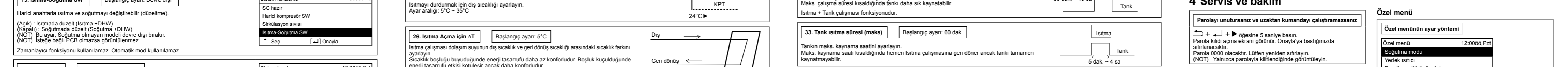
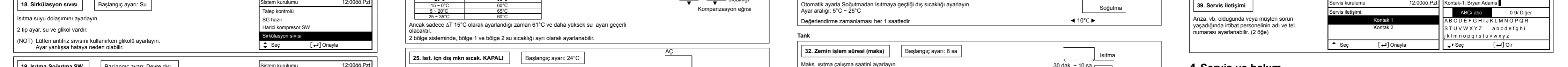
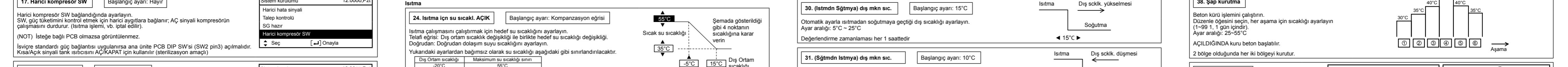
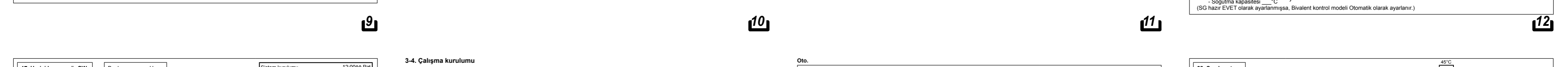
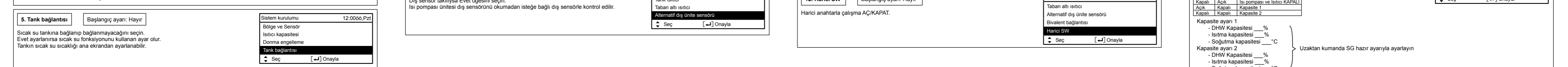
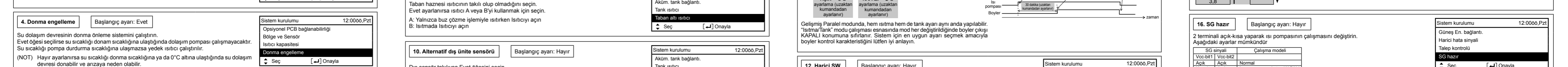
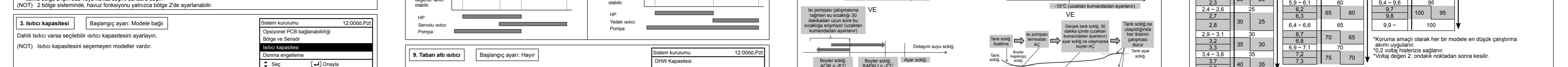
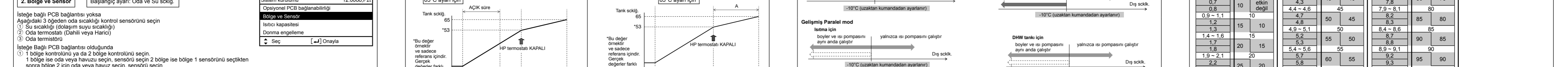
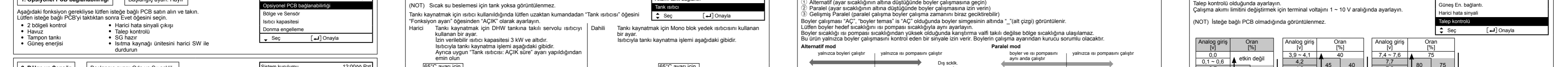
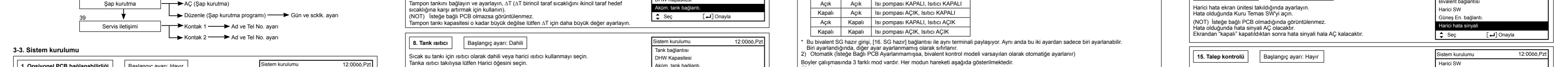
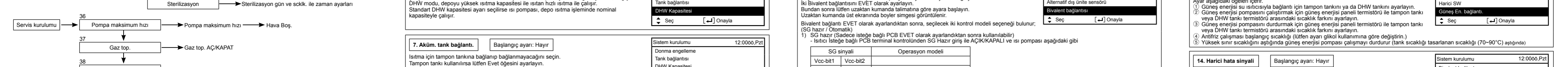
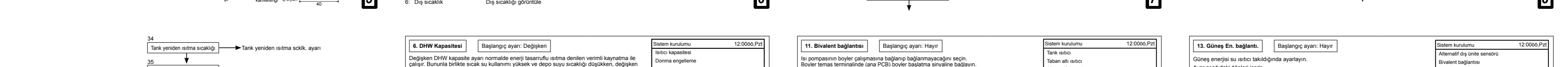
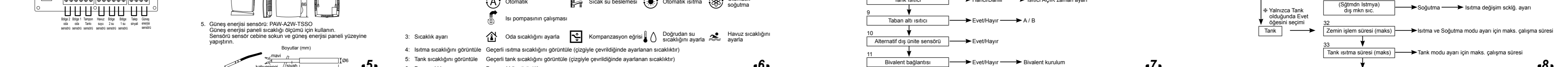
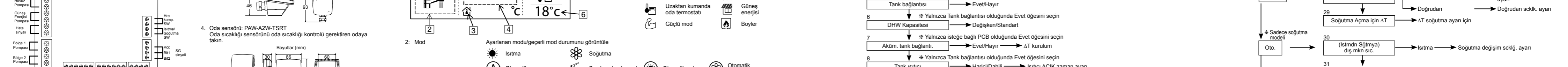
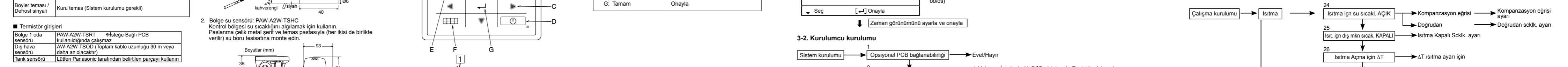
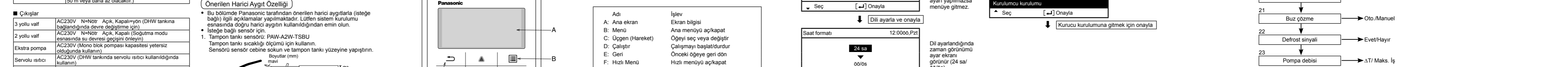
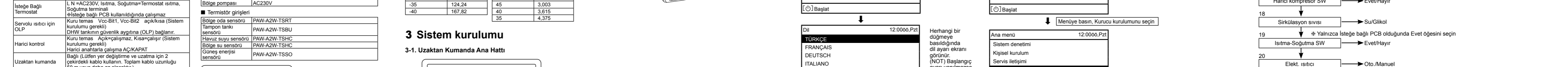
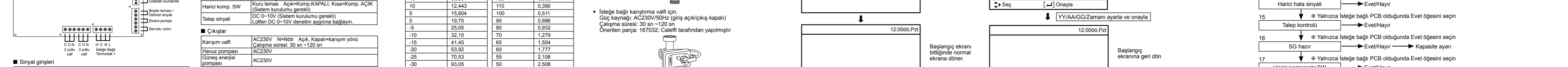
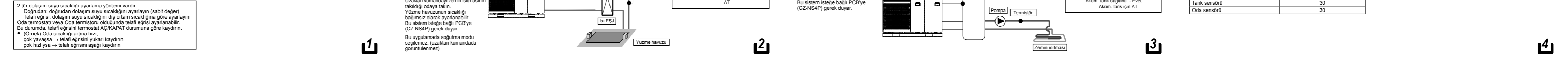
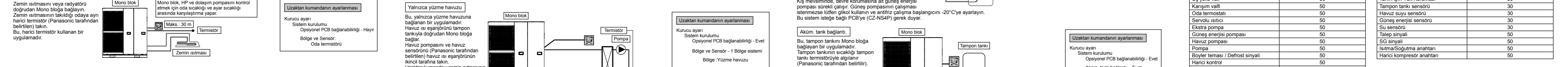
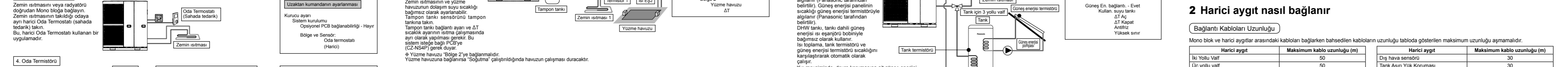
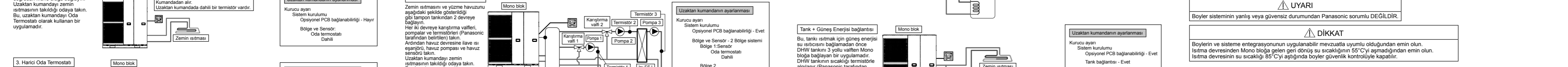
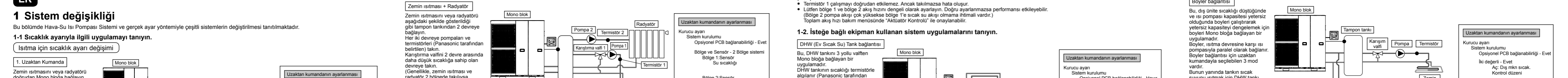
Zemin istimasını veya radyatörün Monobloğa bağlayın. Uzaktan Kumanda'yı zemin istimasına takın. Bu uzaktan Kumanda'yı Oda Termostatı olarak kullanın ve uygulayın.

3. Harici Oda Termostatı

Zemin istimasını veya radyatörün Monobloğa bağlayın. Uzaktan Kumanda'yı zemin istimasına takın. Bu uzaktan Kumanda'yı Harici Oda Termostatı olarak kullanın ve uygulayın.

4. Oda Termostatı

Zemin istimasını veya radyatörün Monobloğa bağlayın. Uzaktan Kumanda'yı zemin istimasına takın. Bu uzaktan Kumanda'yı Oda Termostatı olarak kullanın ve uygulayın.

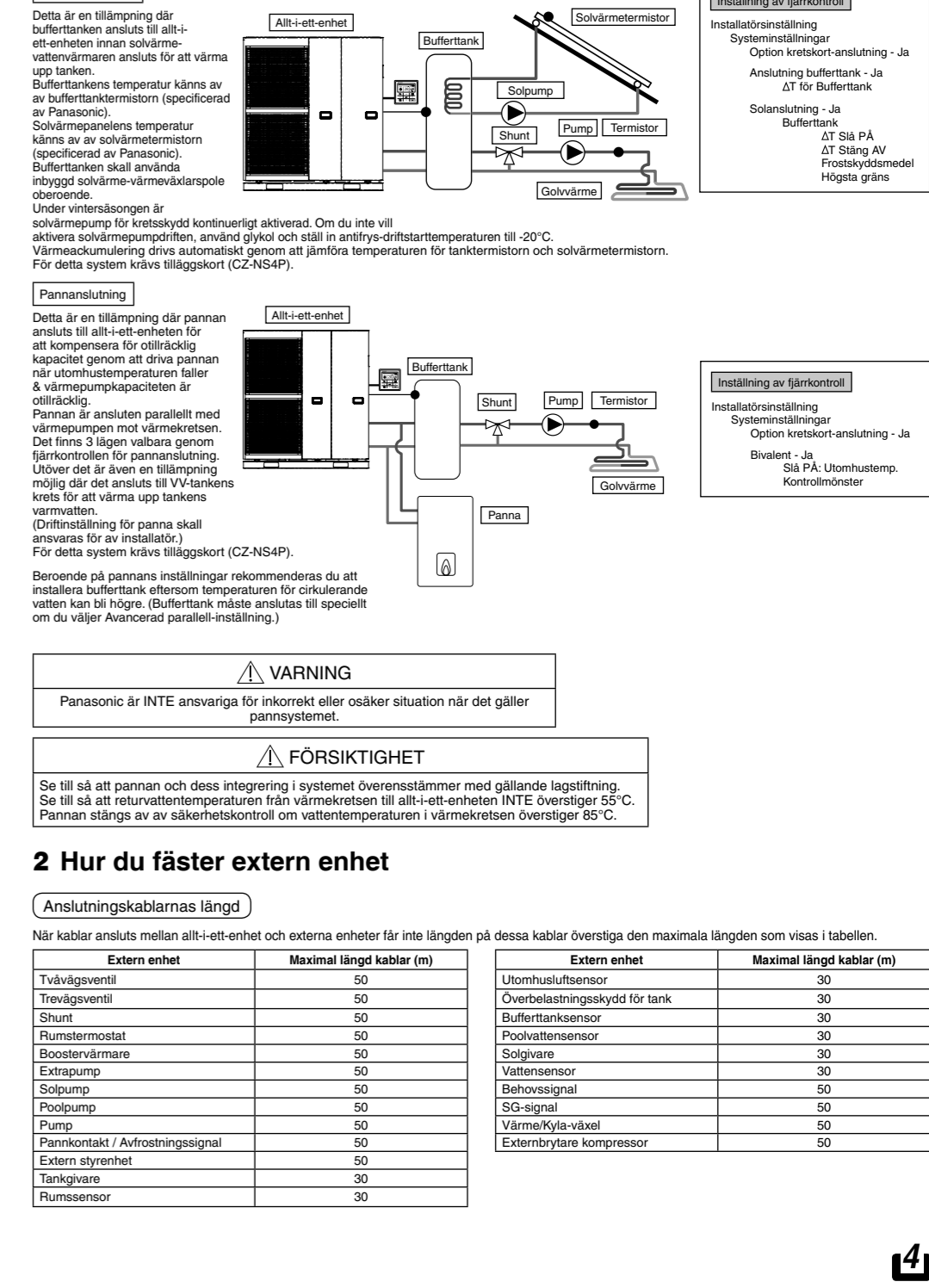
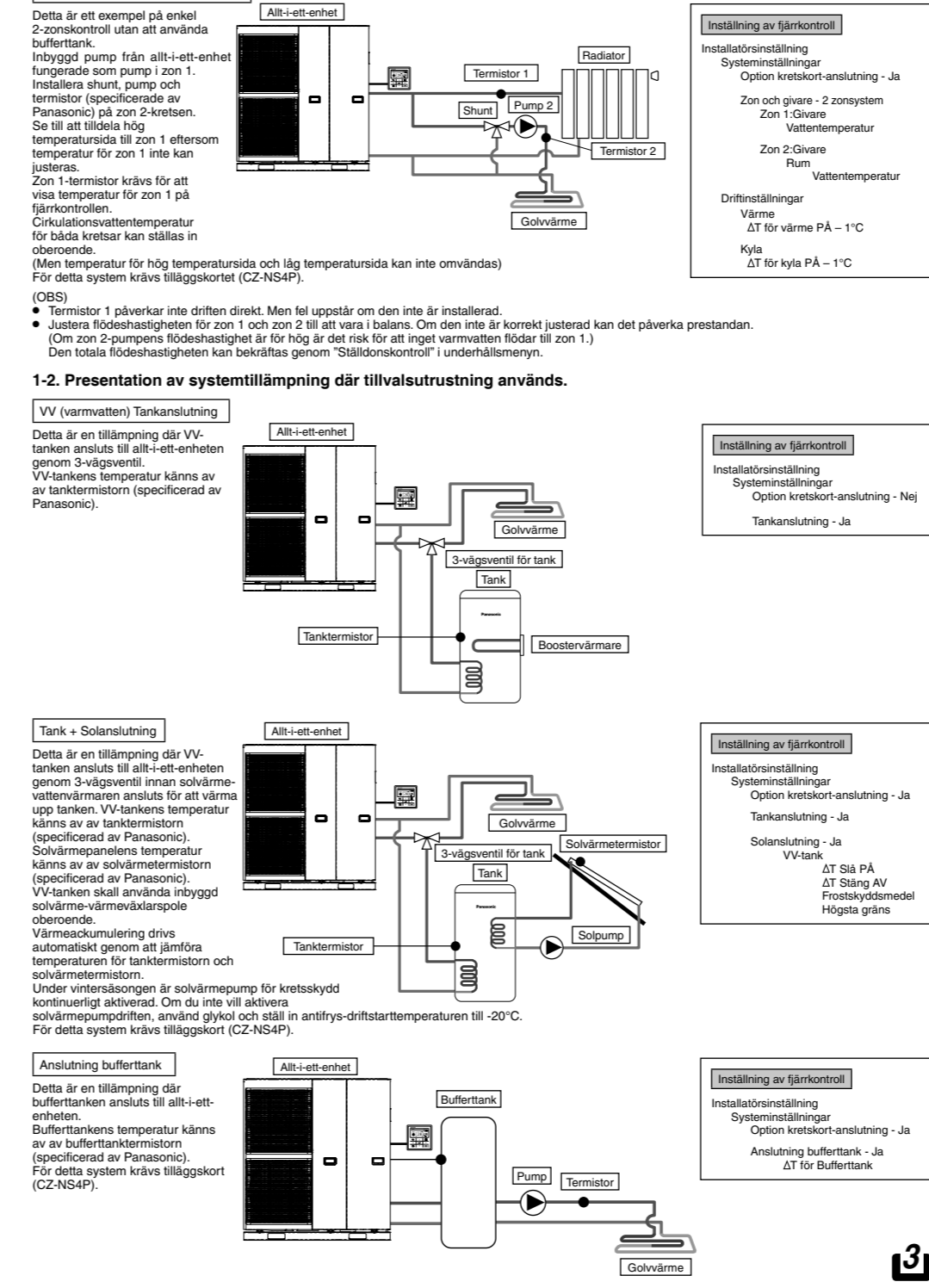
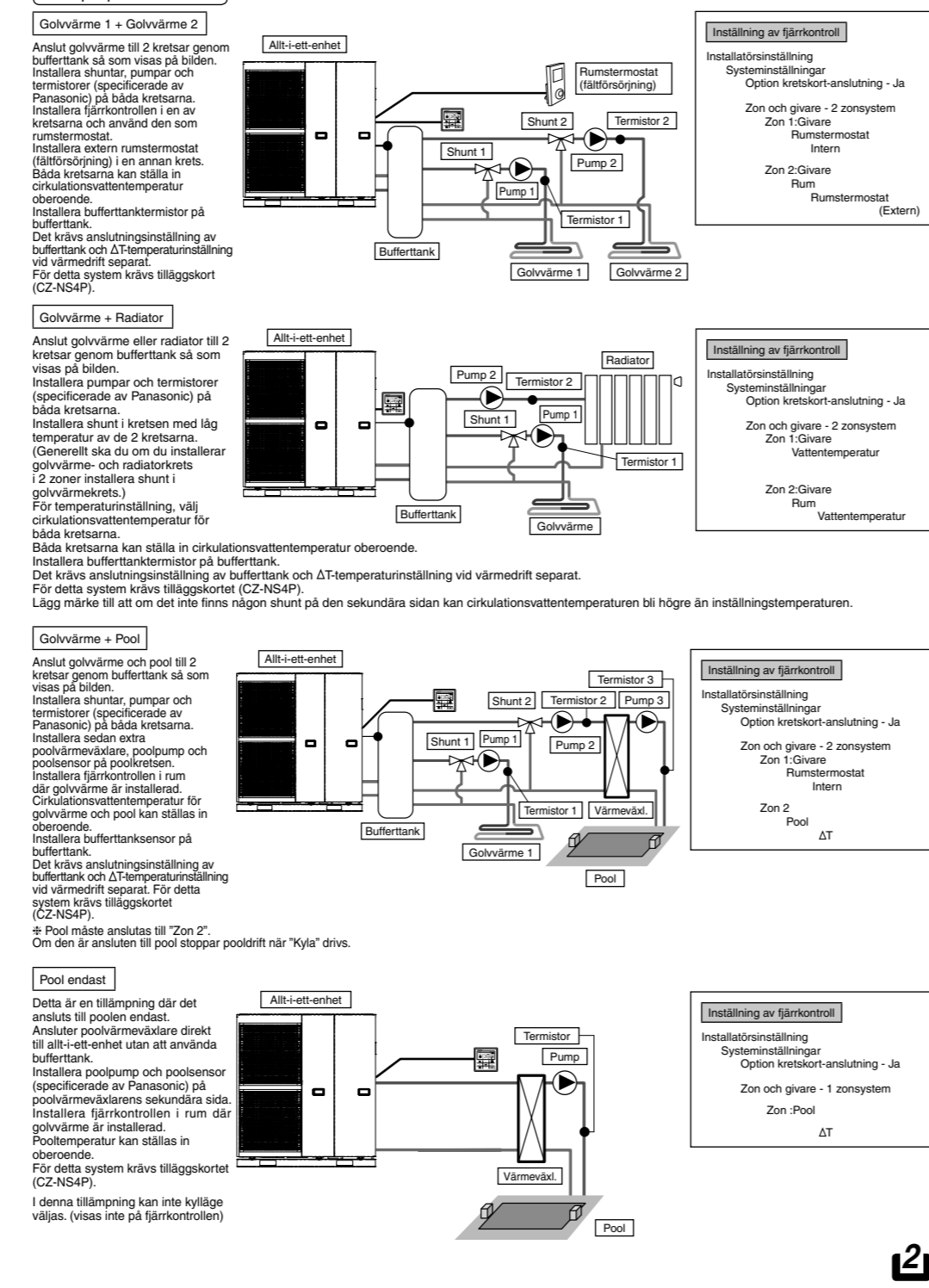
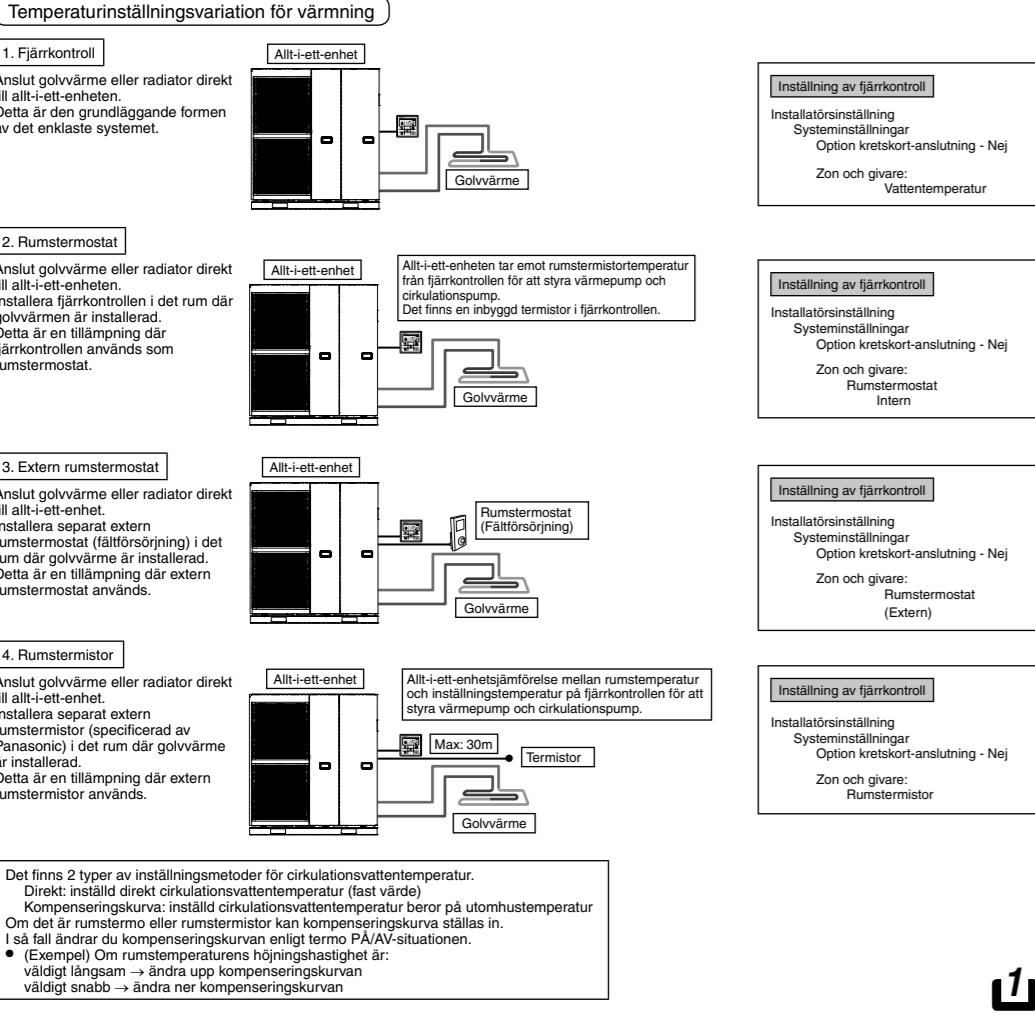


LUFT-VATTENVÄRMEPUMP ALLT-I-ETT-ENHET

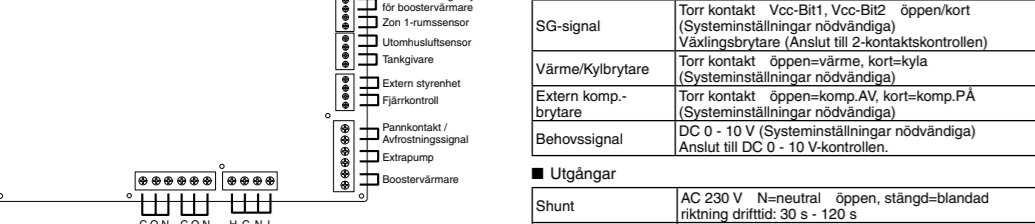
WH-MXC09J3E5, WH-MXC12J3E5, WH-MXC09J3E8, WH-MXC12J3E8, WH-MXC16J3E8

1 Systemvariation

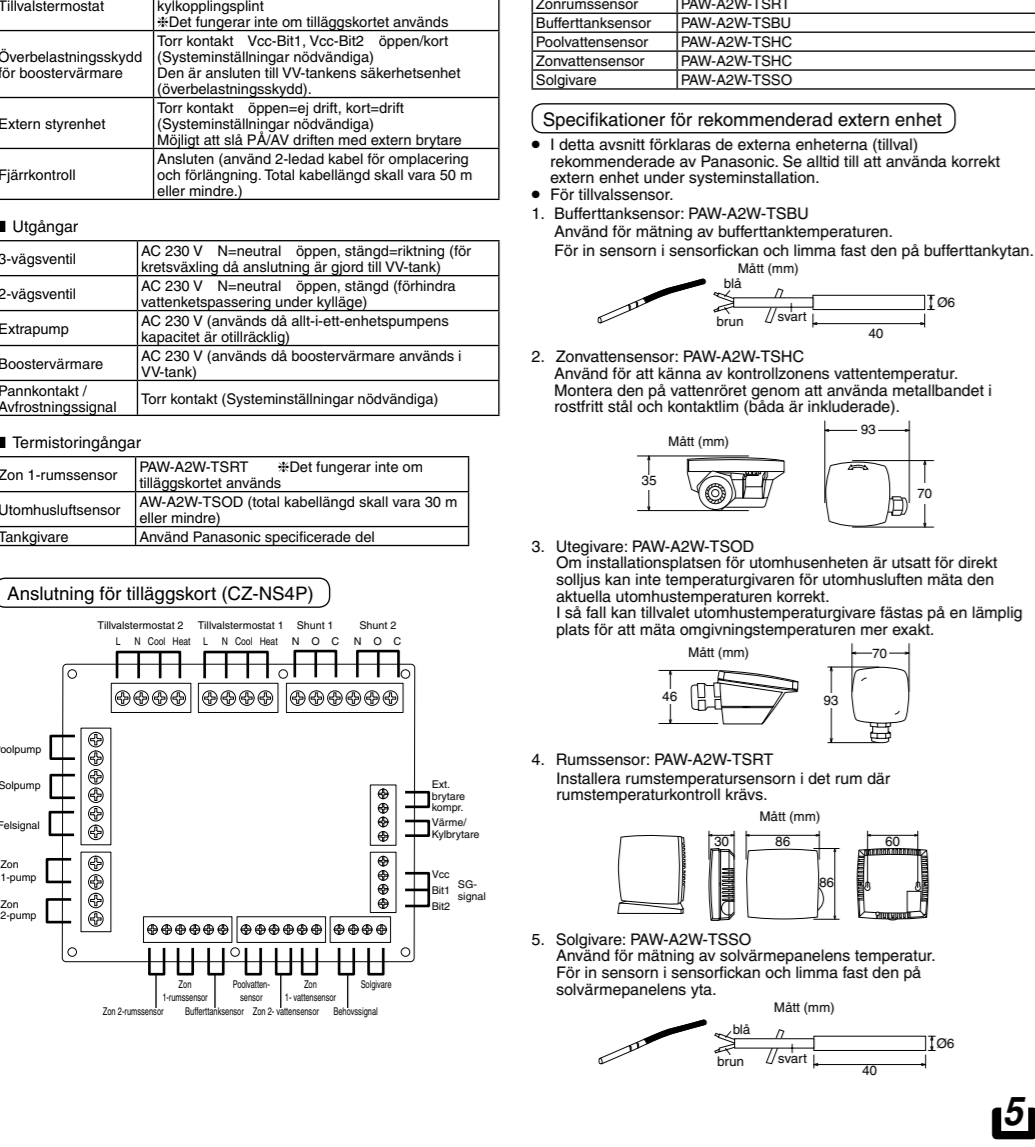
1-1 Presentation av tillämpning kopplad till temperaturreglering



Huvudkretsanslutning



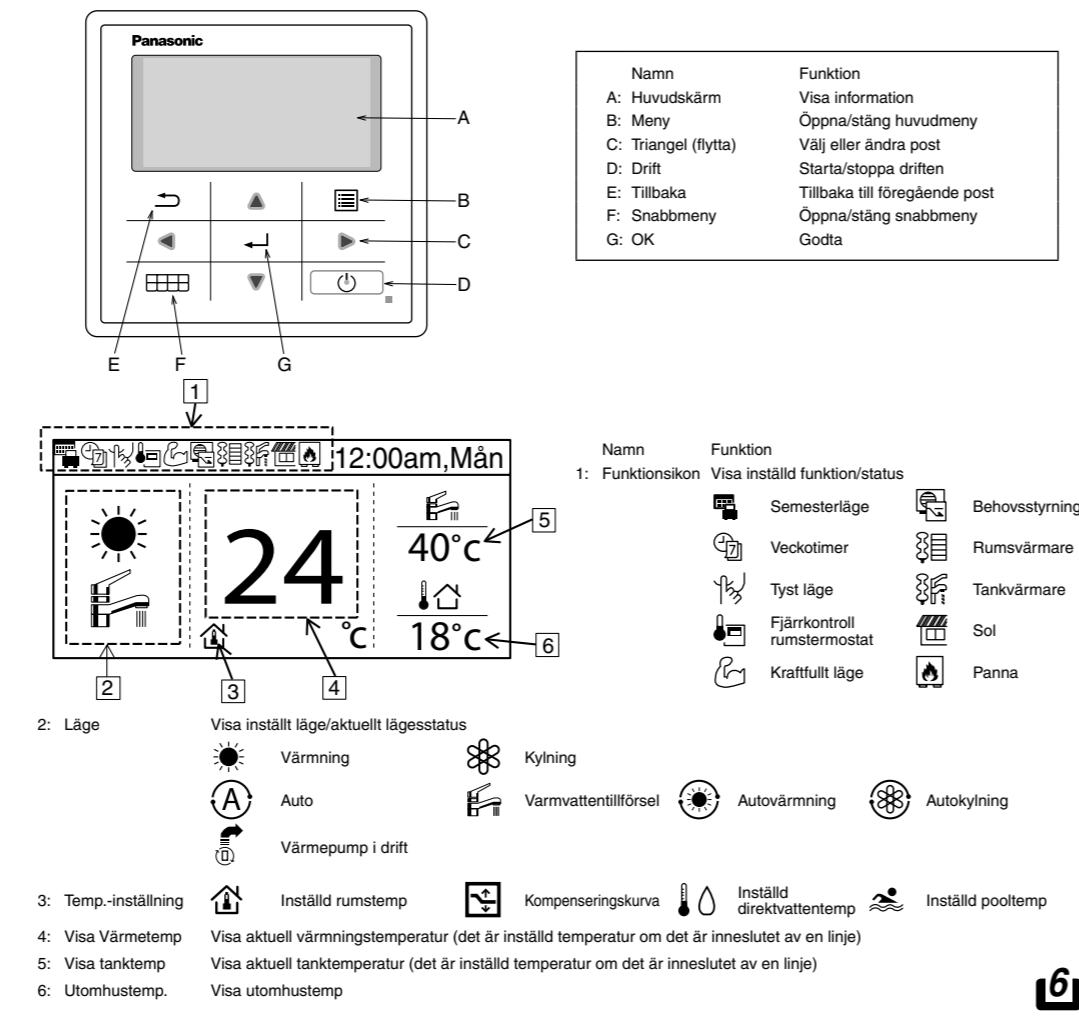
Signalringar



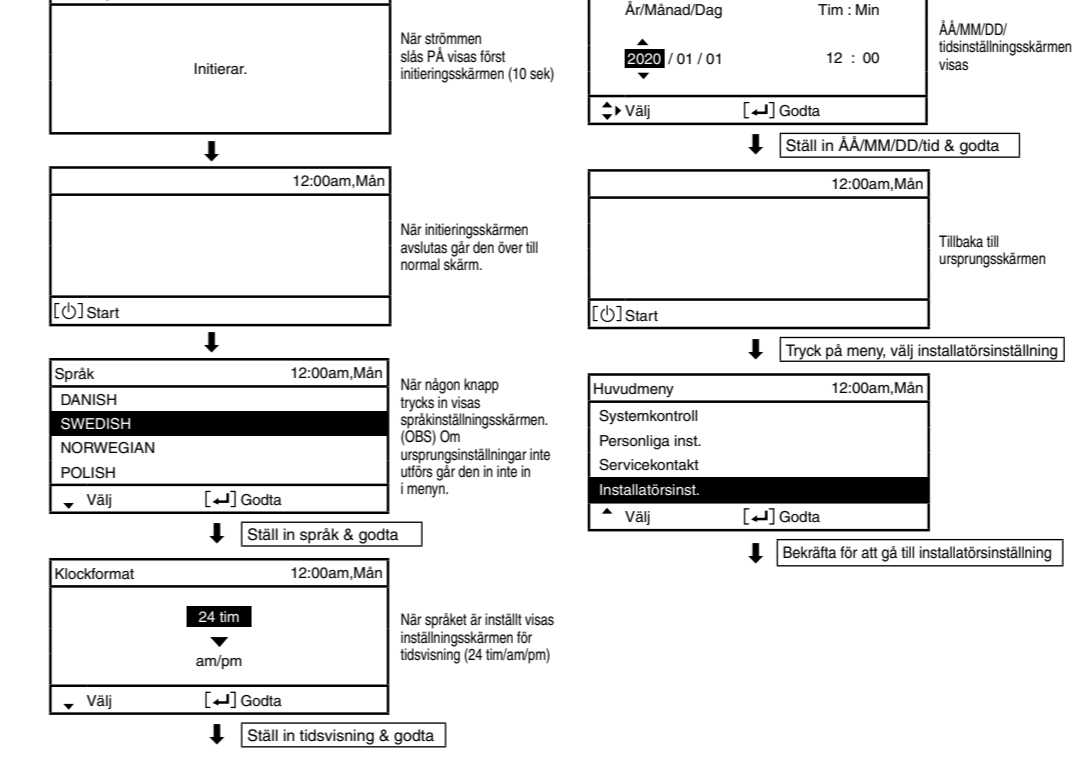
6. Se tabellen nedan för sensoraktöriska för sensorerna nämnda ovan.

Table with 4 columns: Temperatur (°C), Resistans (kΩ), Temperatur (°C), Resistans (kΩ). It lists resistance values for different temperatures across various sensor types.

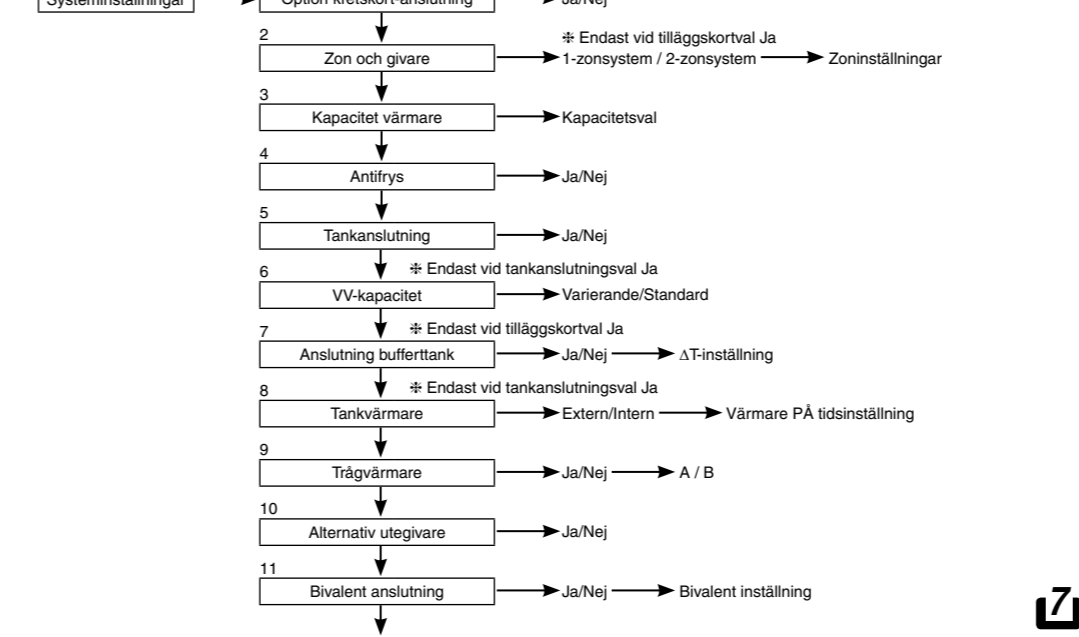
3. Fjärrkretsanslutning



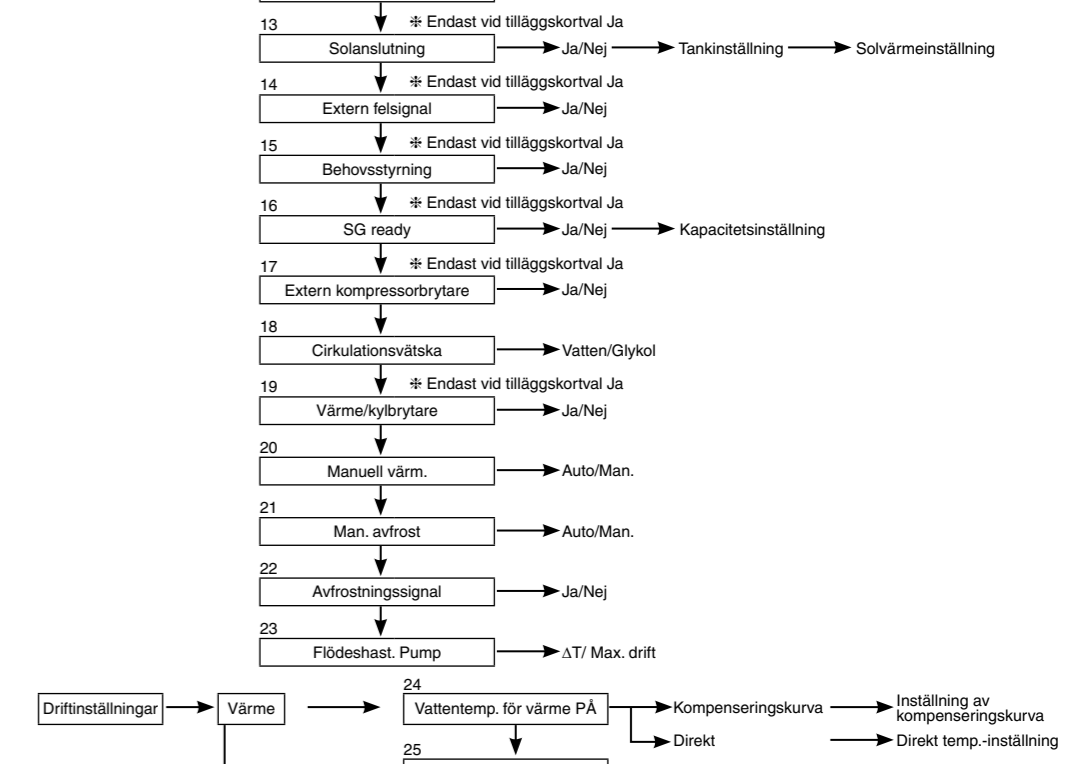
Fösta gången strömmen slås på (installationsstadi)



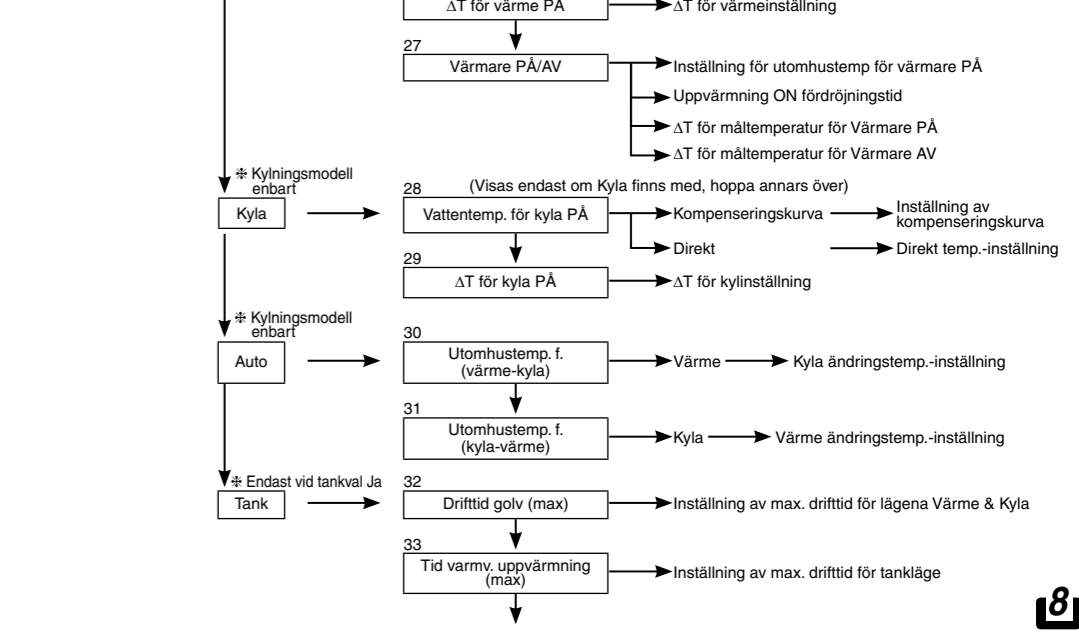
3-2. Installationsstadi



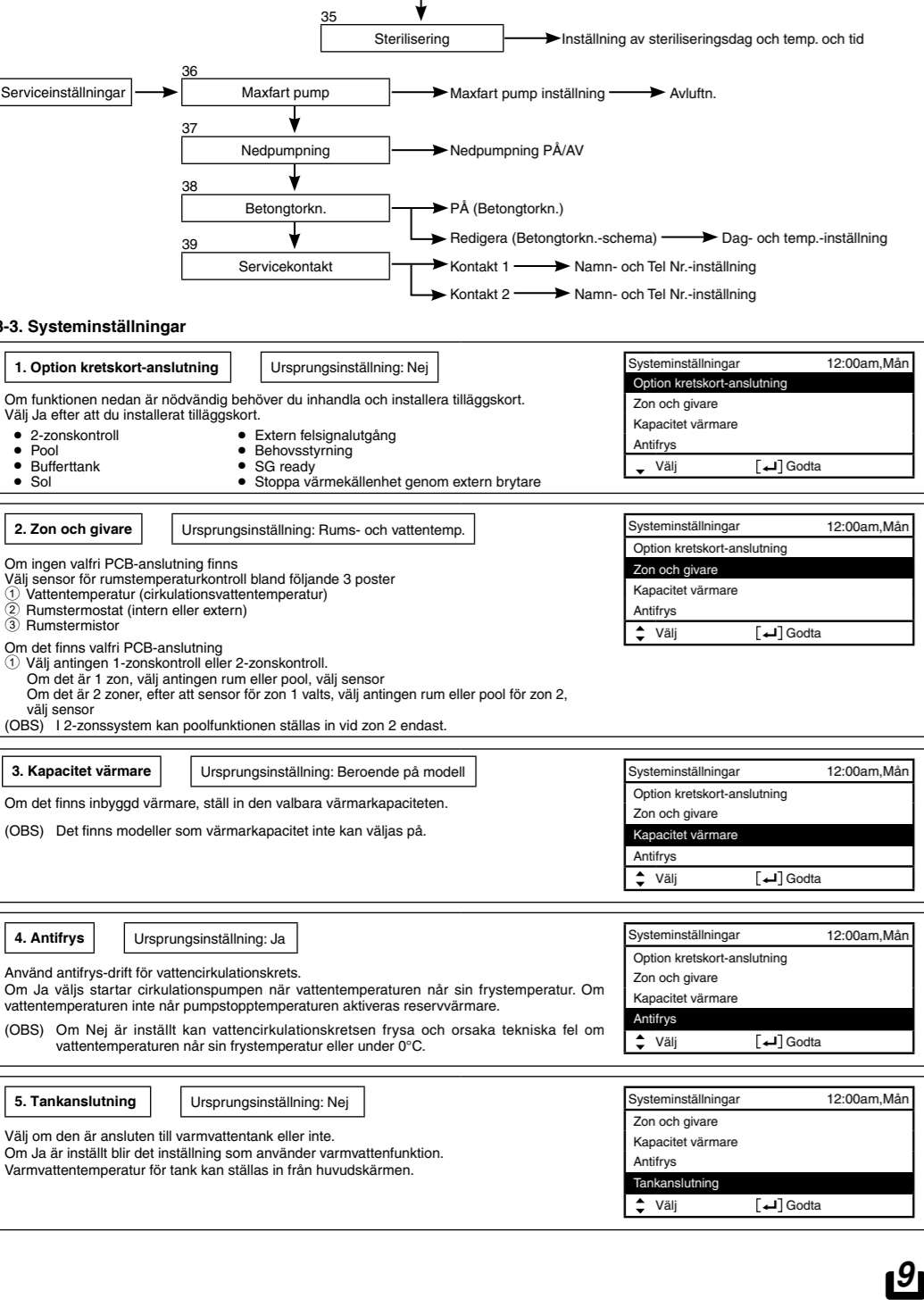
11. Bivalentanslutning



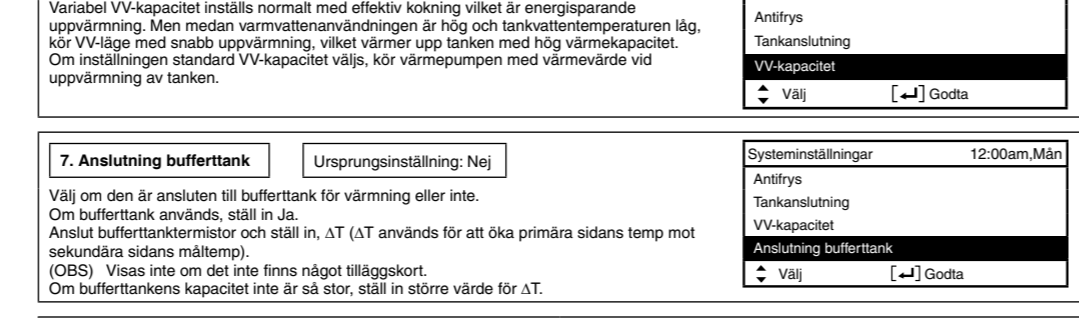
13. Solanläggning



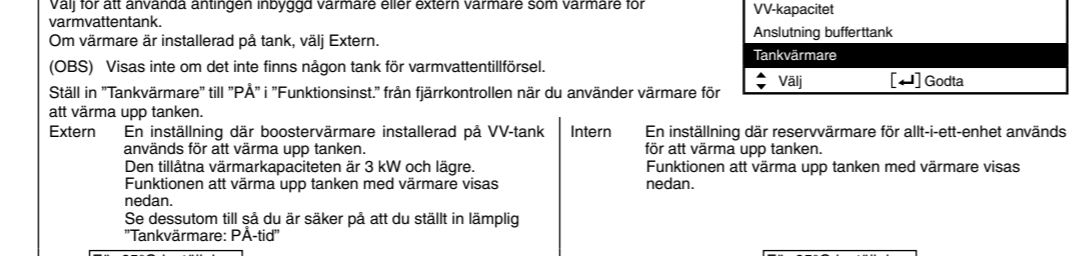
3-3. Systeminställningar



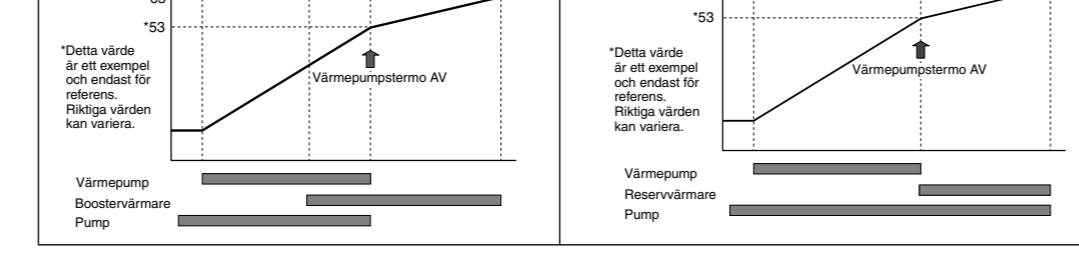
7. Anslutning bufferttank



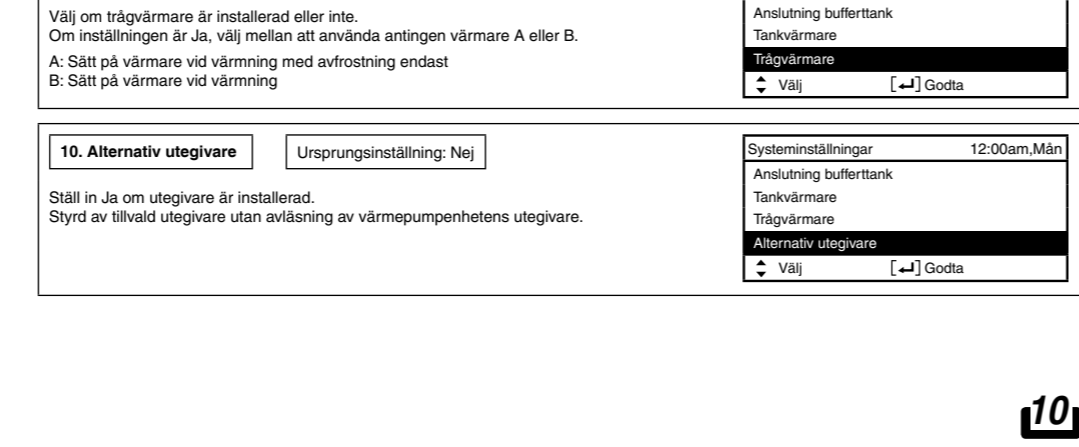
8. Tankvärmare



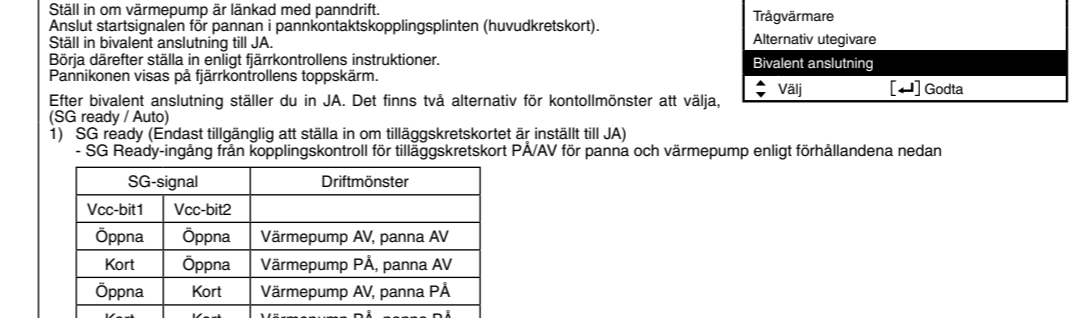
9. Tråglarmare



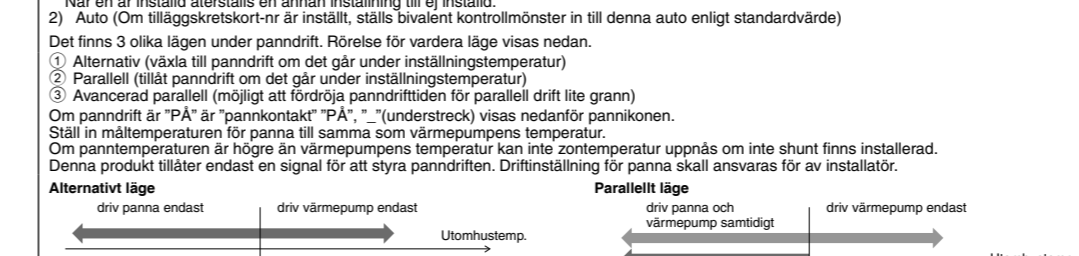
10. Alternativ utgångare



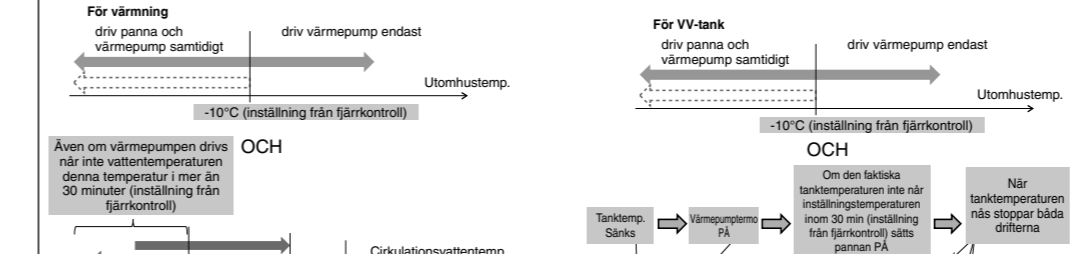
12. Extern bytare



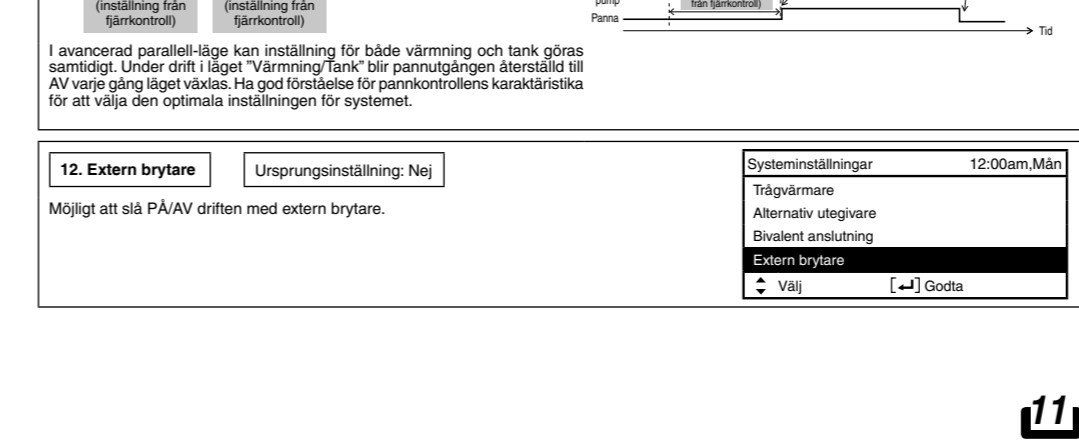
13. Solanläggning



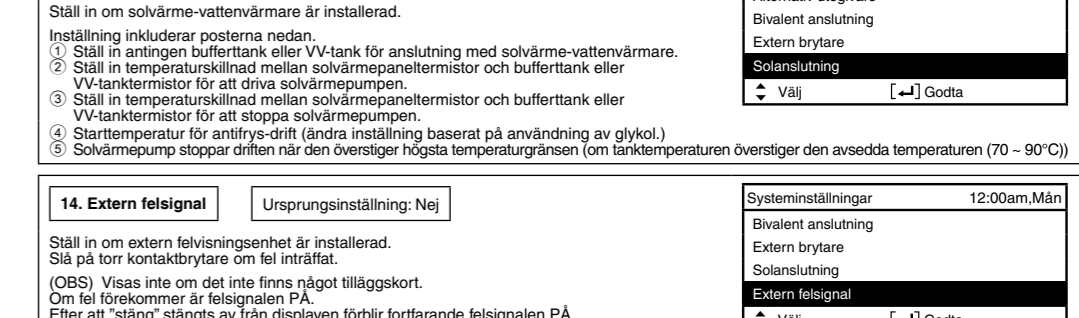
14. Extern fläggkrets



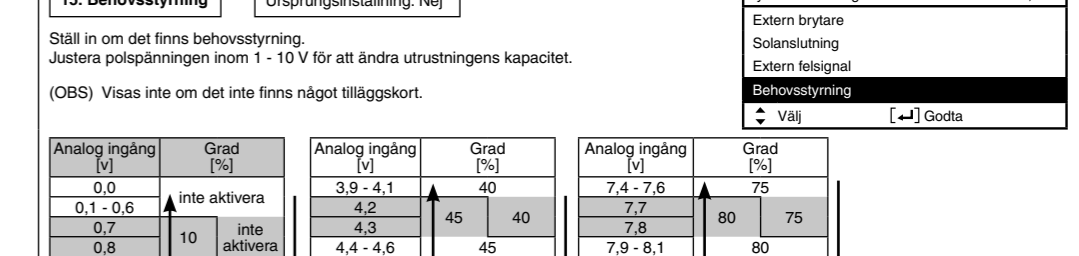
15. Behovsstyrning



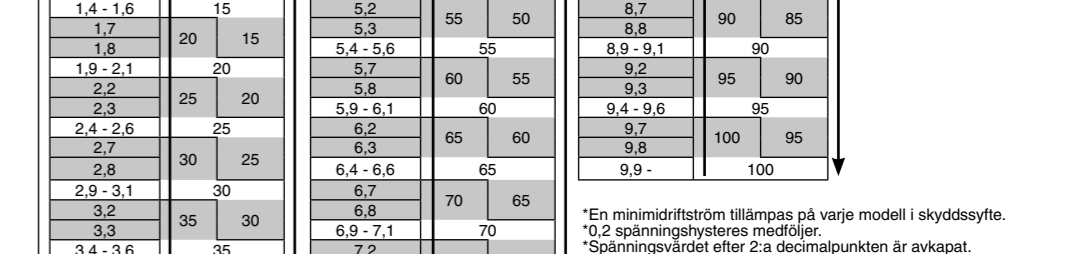
16. SG ready



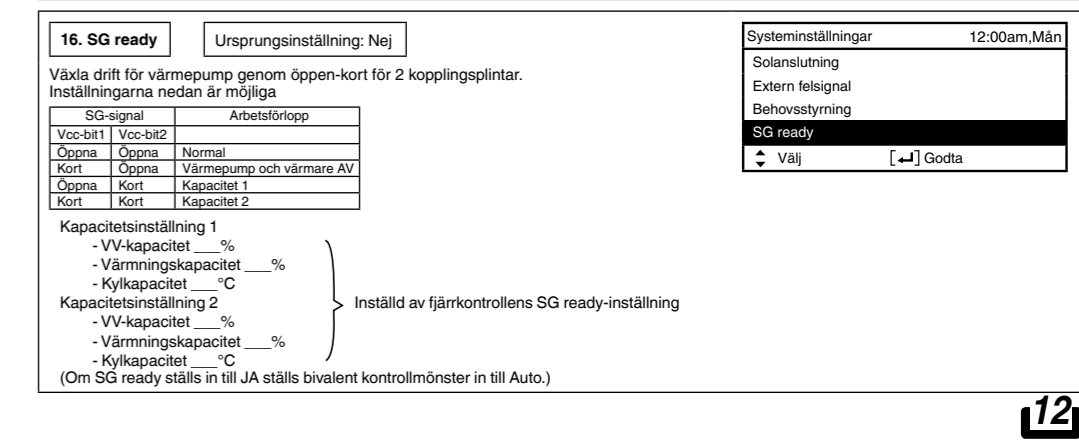
17. Extern kompressorbytare



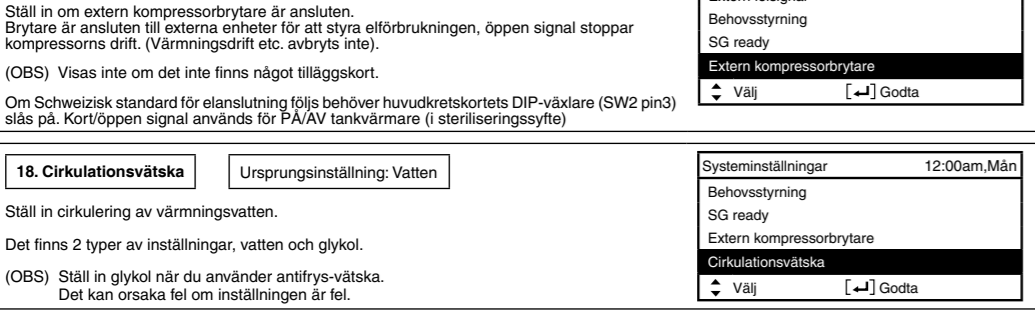
18. Cirkulationsvätska



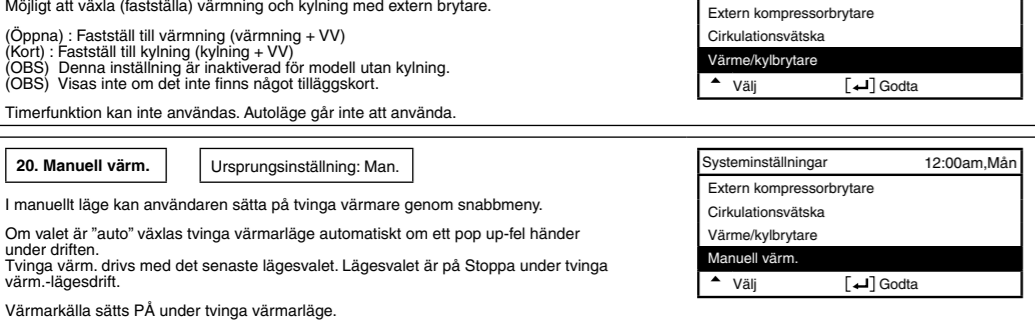
19. Värmekybytare



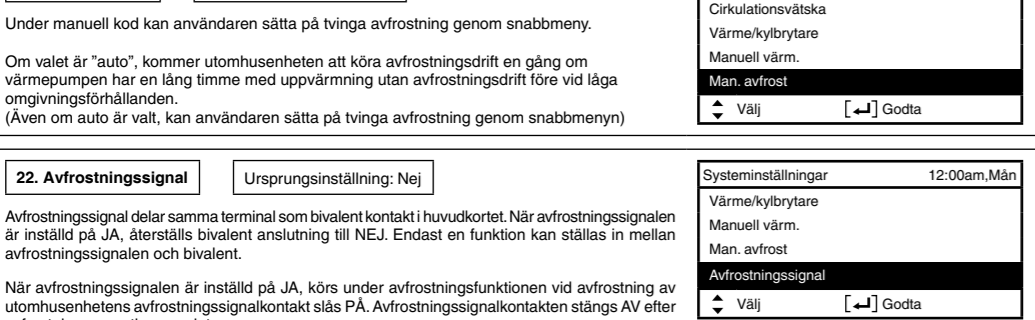
17. Extern kompressorbytare



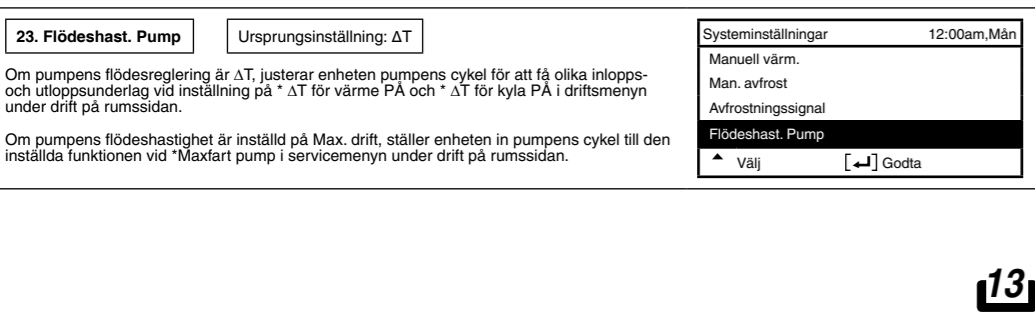
18. Cirkulationsvätska



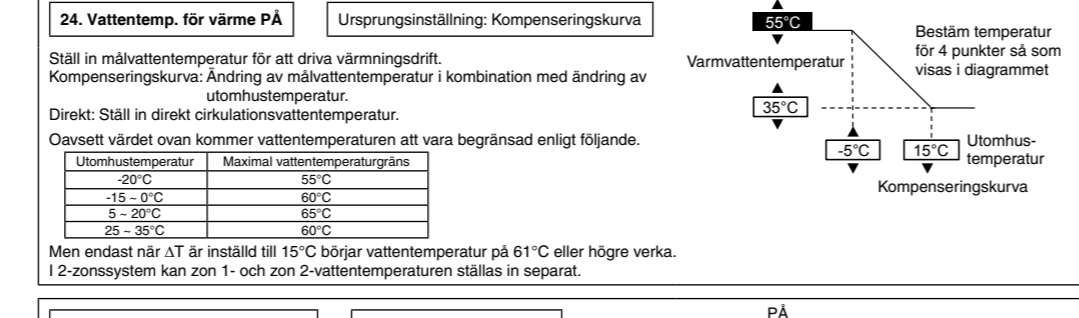
19. Värmekybytare



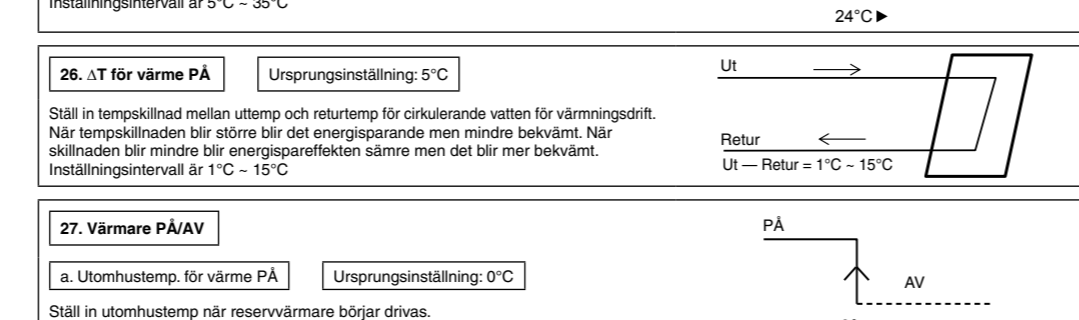
20. Manuell värm.



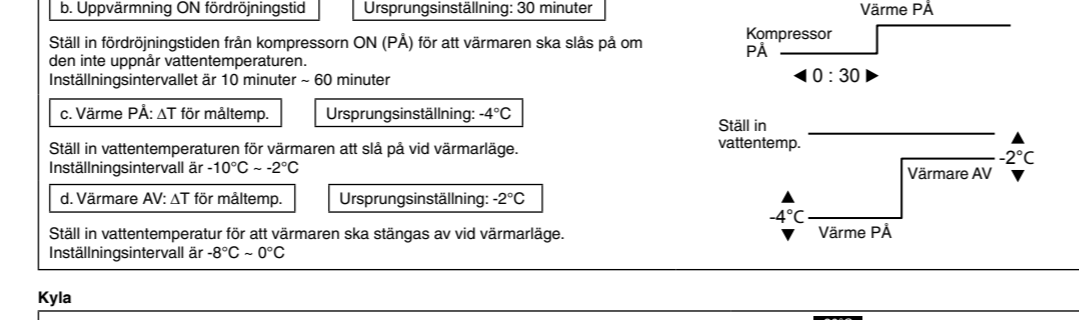
21. Manuell värm.



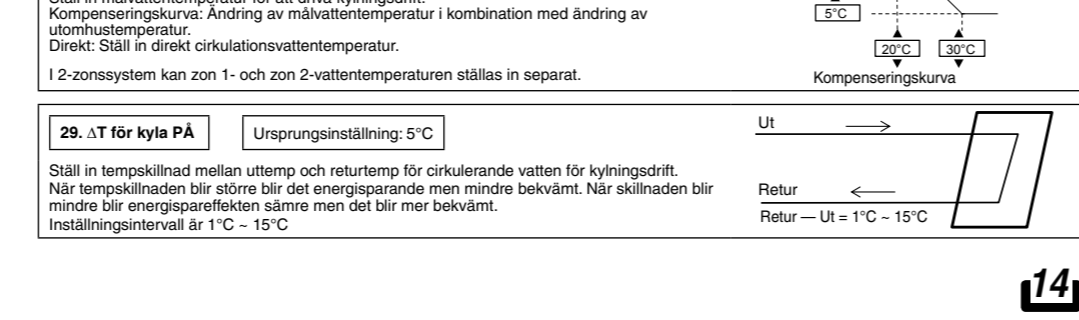
22. Avfrysningsskåp



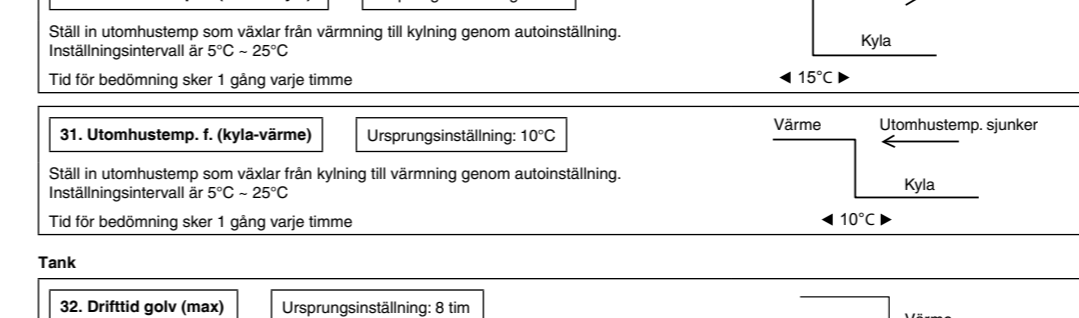
23. Fjölshedd Pump



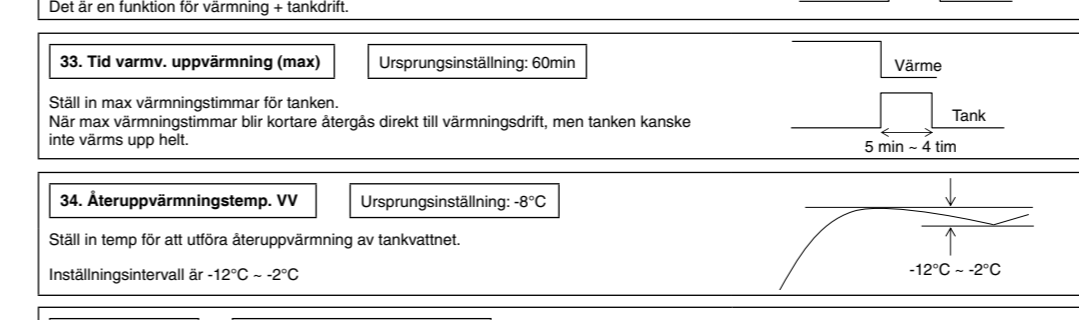
24. Avfrysningsskåp



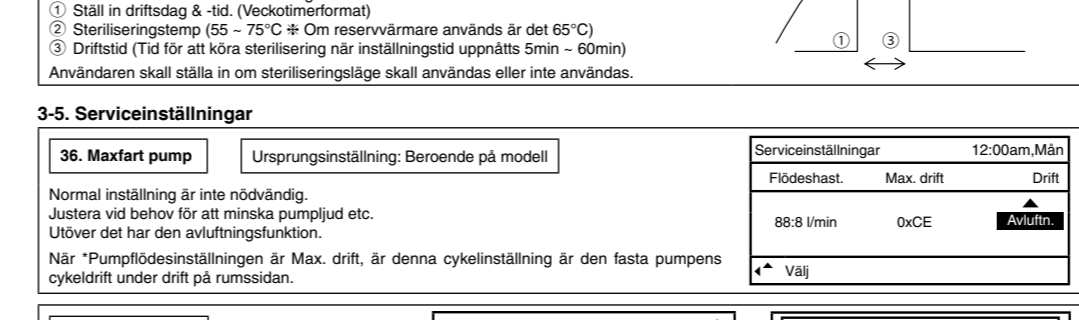
25. Uthustemp. för värme AV



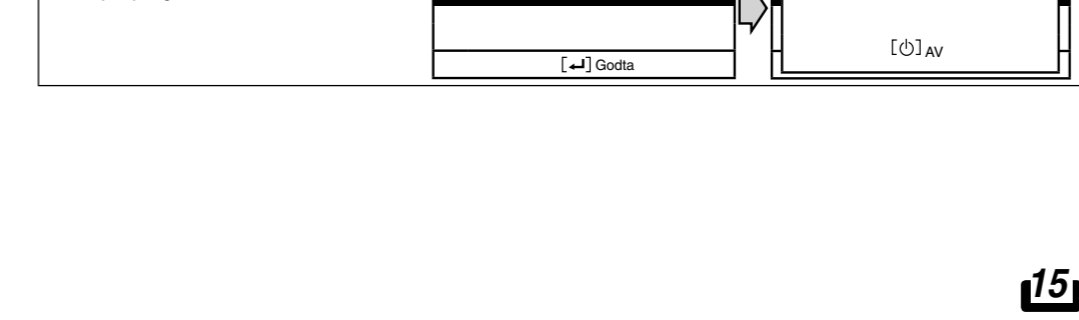
26. ΔT för värme PA



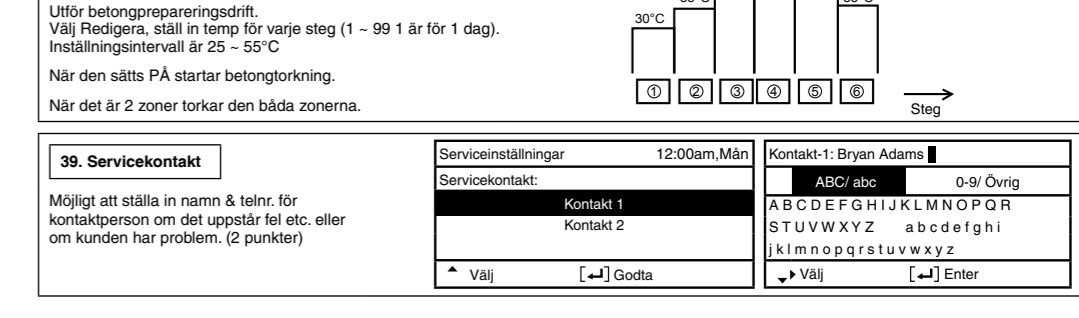
27. Värmare PÅ/AV



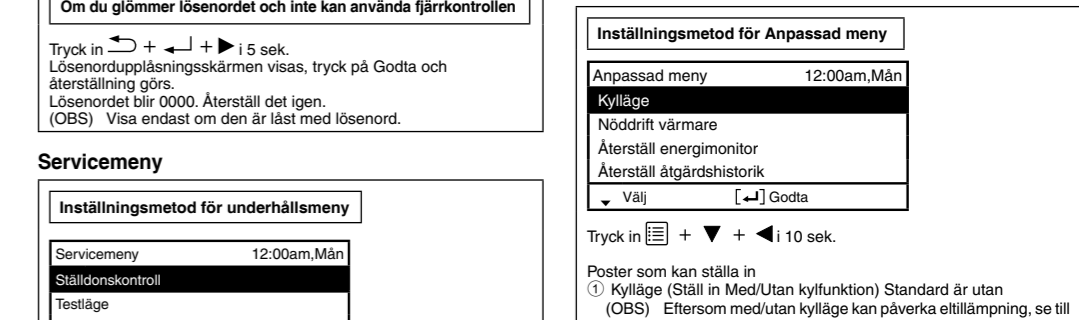
28. Vattentemp. för kyla PA



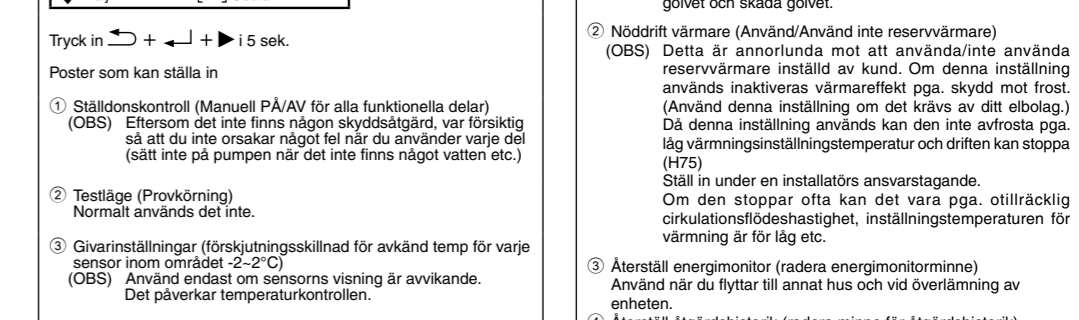
29. ΔT för kyla PA



30. Drifttid golv (max)



31. Uthustemp. T (kyla-värme)



32. Drifttid golv (min)



Asennusopas

ILMA-VESILÄMPÖPUMPPU MONO BLOC WH-MXC09J3E5, WH-MXC12J6E5, WH-MXC09J3E8, WH-MXC12J9E8, WH-MXC16J9E8

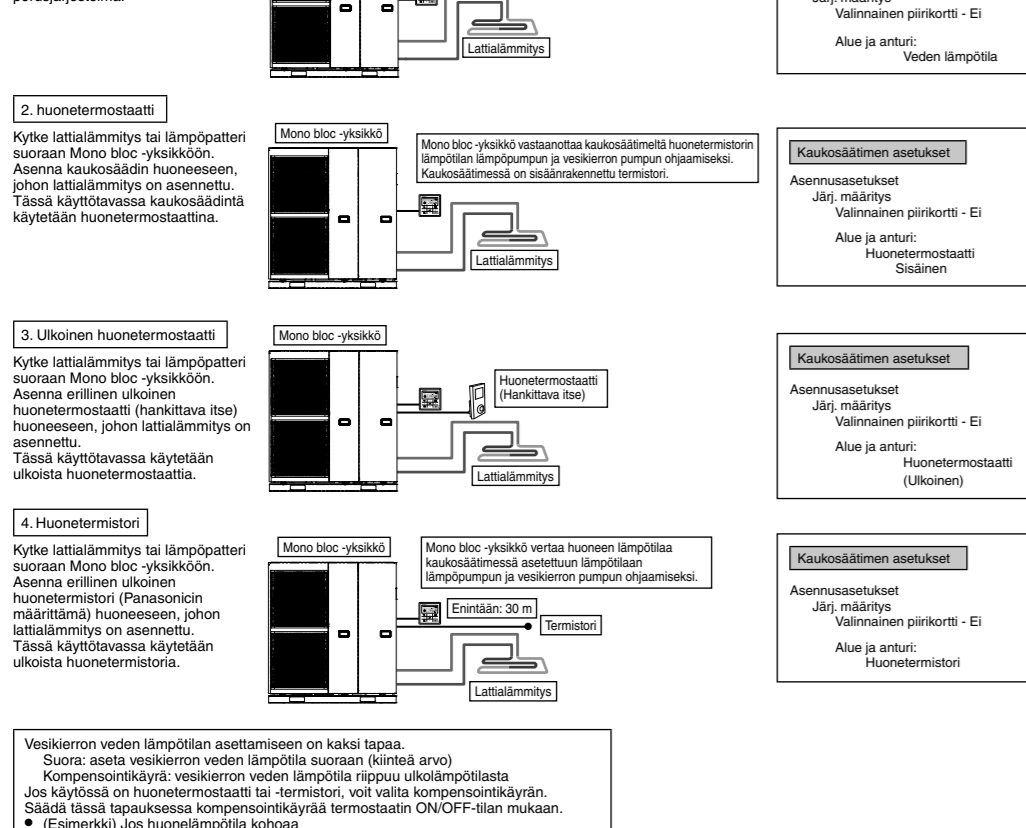
LIITE

1 Järjestelmän muunnelt

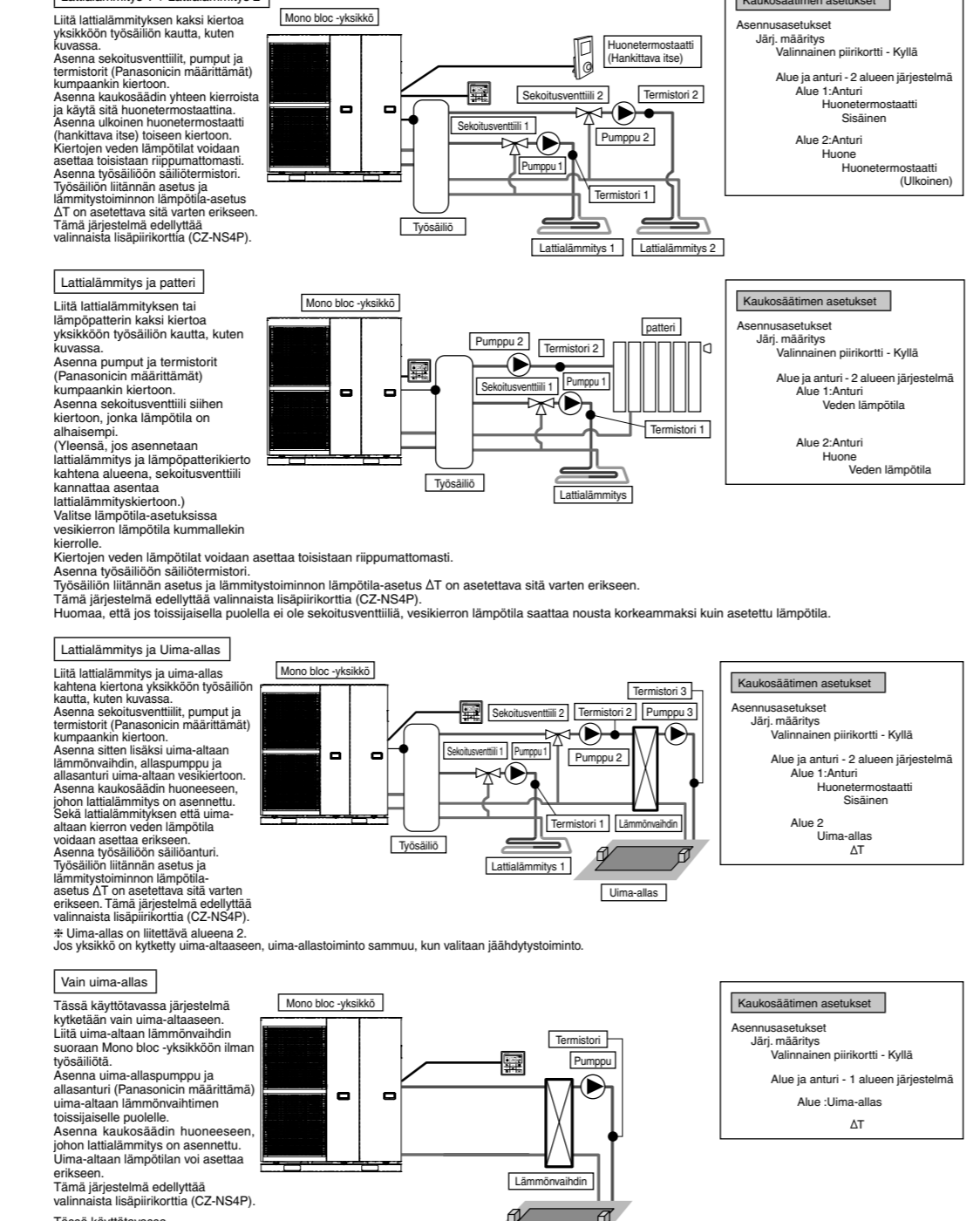
Tässä osassa esitellään ilma-vesilämpöpumpun eri järjestelmävaihtoehtoja ja niiden asennus.

1.1 Laitteen liittäminen asennuspaikalle

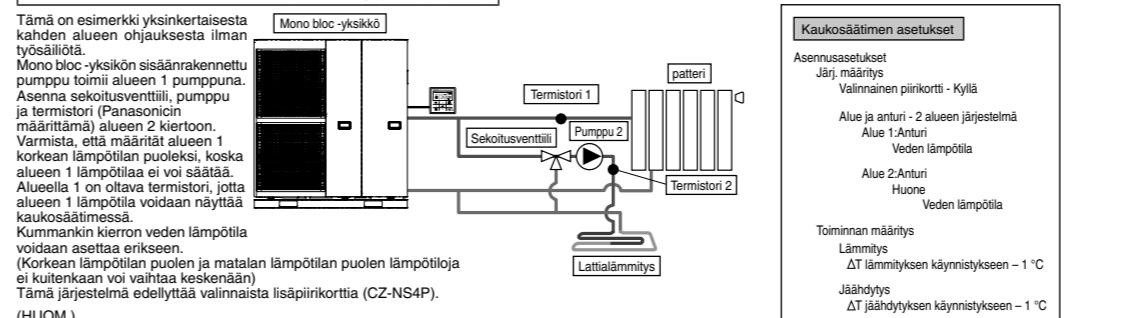
Lämpöpumpun liittäminen asennuspaikalle on tehtävä seuraavasti:



Esimerkkejä asennuksia



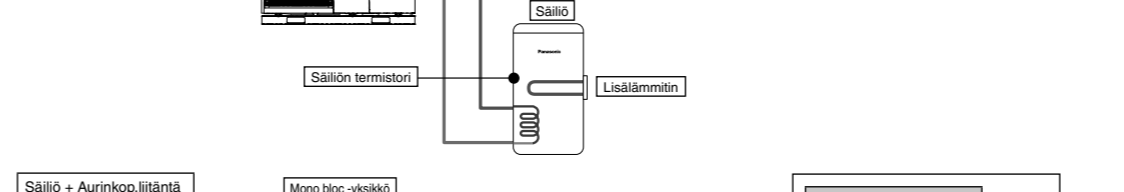
Yksikeräisen kahden alueen asennus (lattiapäällys ja lämpöpöytä)



Kaakoiden liittäminen



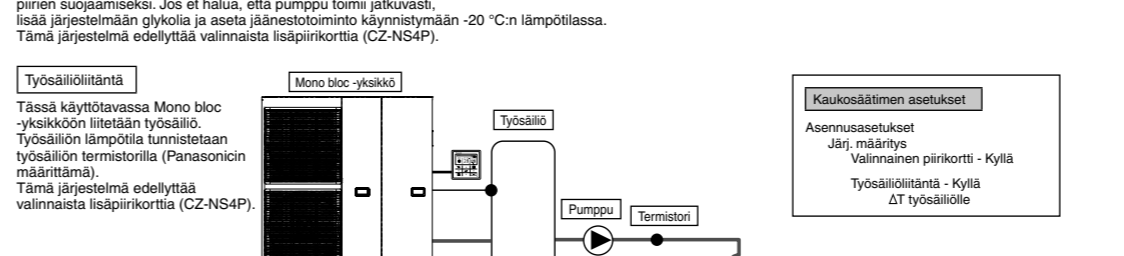
Kaakoiden liittäminen



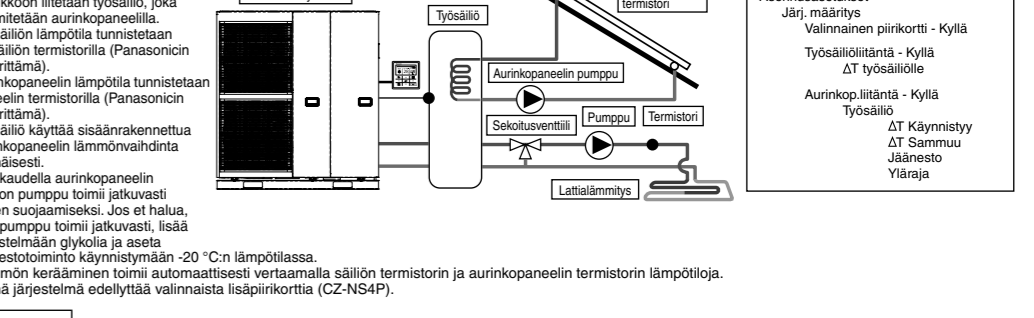
Kaakoiden liittäminen



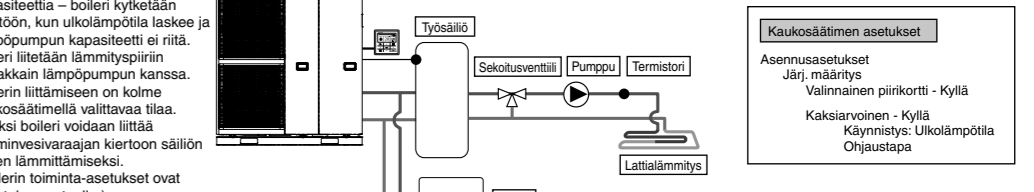
Kaakoiden liittäminen



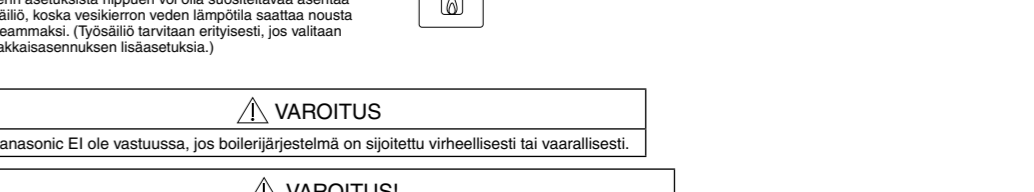
Työskäytä Aurinkopaneelin



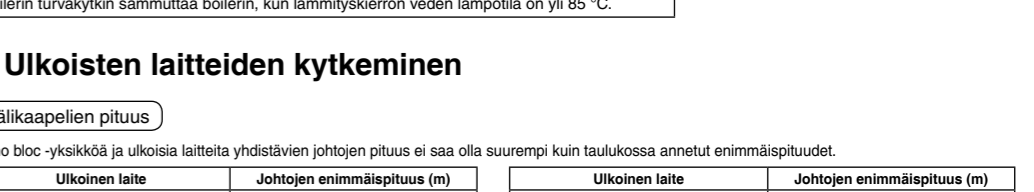
Kaakoiden liittäminen



Kaakoiden liittäminen



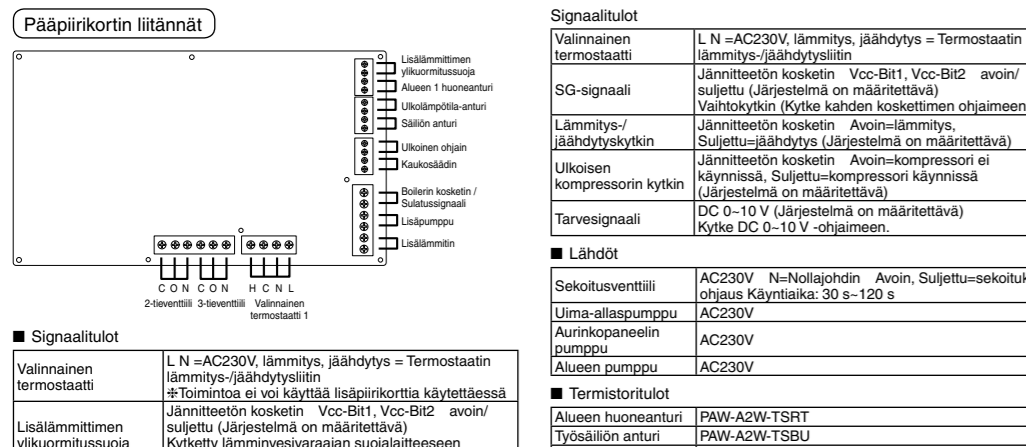
Kaakoiden liittäminen



Kaakoiden liittäminen



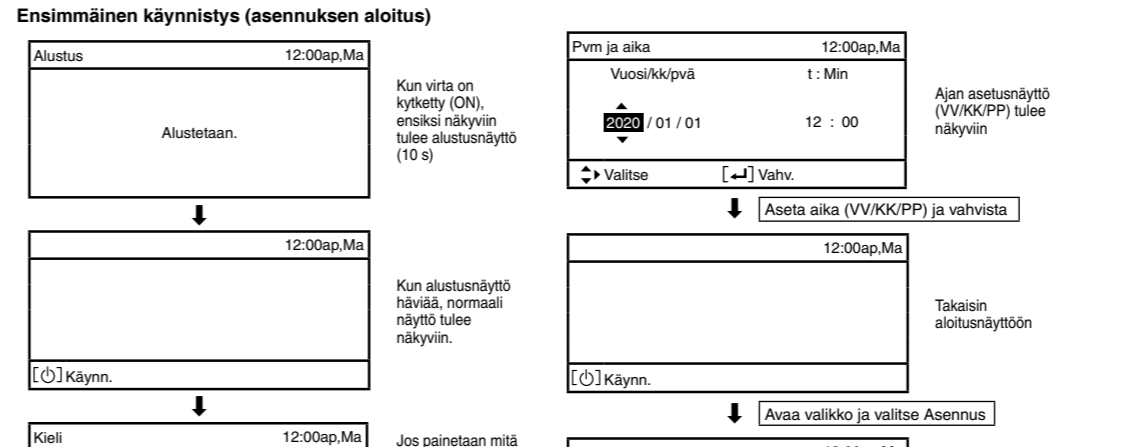
Pääpiirikin liitännät



6. Katso alla olevasta taulusta anturin ominaisuudet yllä mainituille antureille.

Table with columns for sensor type (Lämpötila, Paine), unit, and specifications.

Ennen ensimmäisen käynnistystä (asennuksen aloitus)



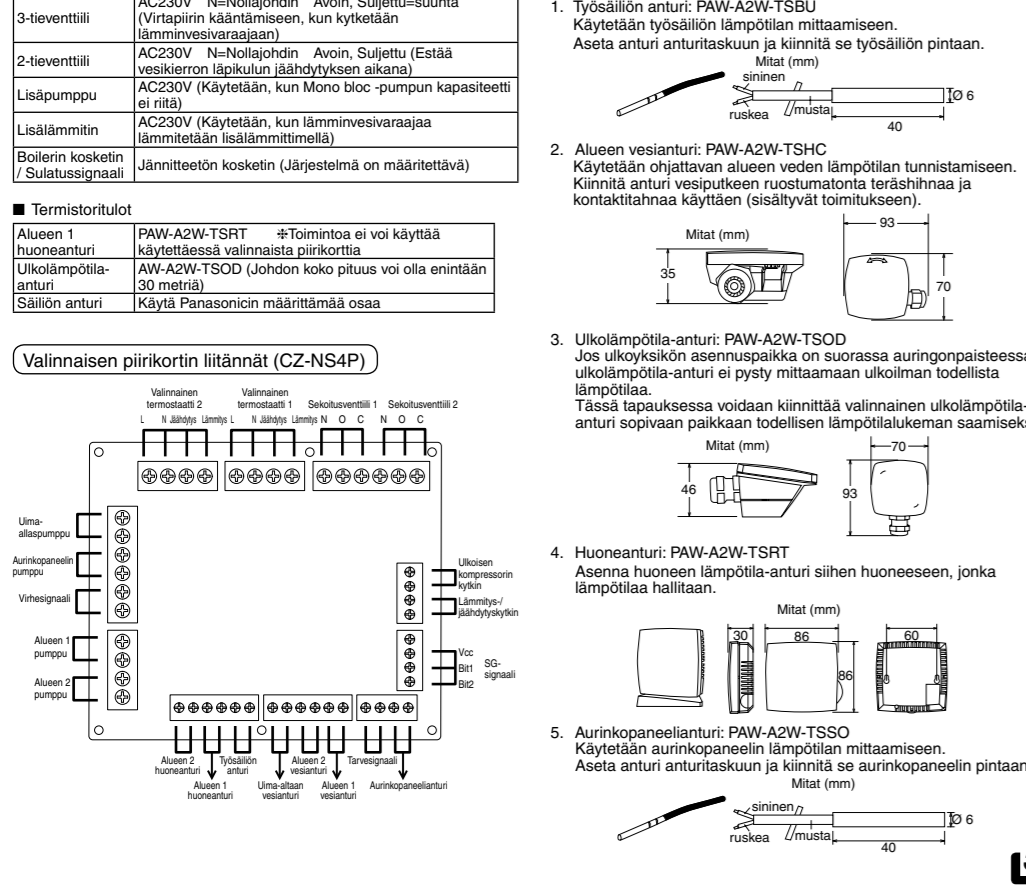
2 Ulkoinen laitteen kytkeminen

MonoBloc-yksikkö ja ulkoinen laite yhdistetään johtojen piirissä ja se on suoraan kiinnitettävä.

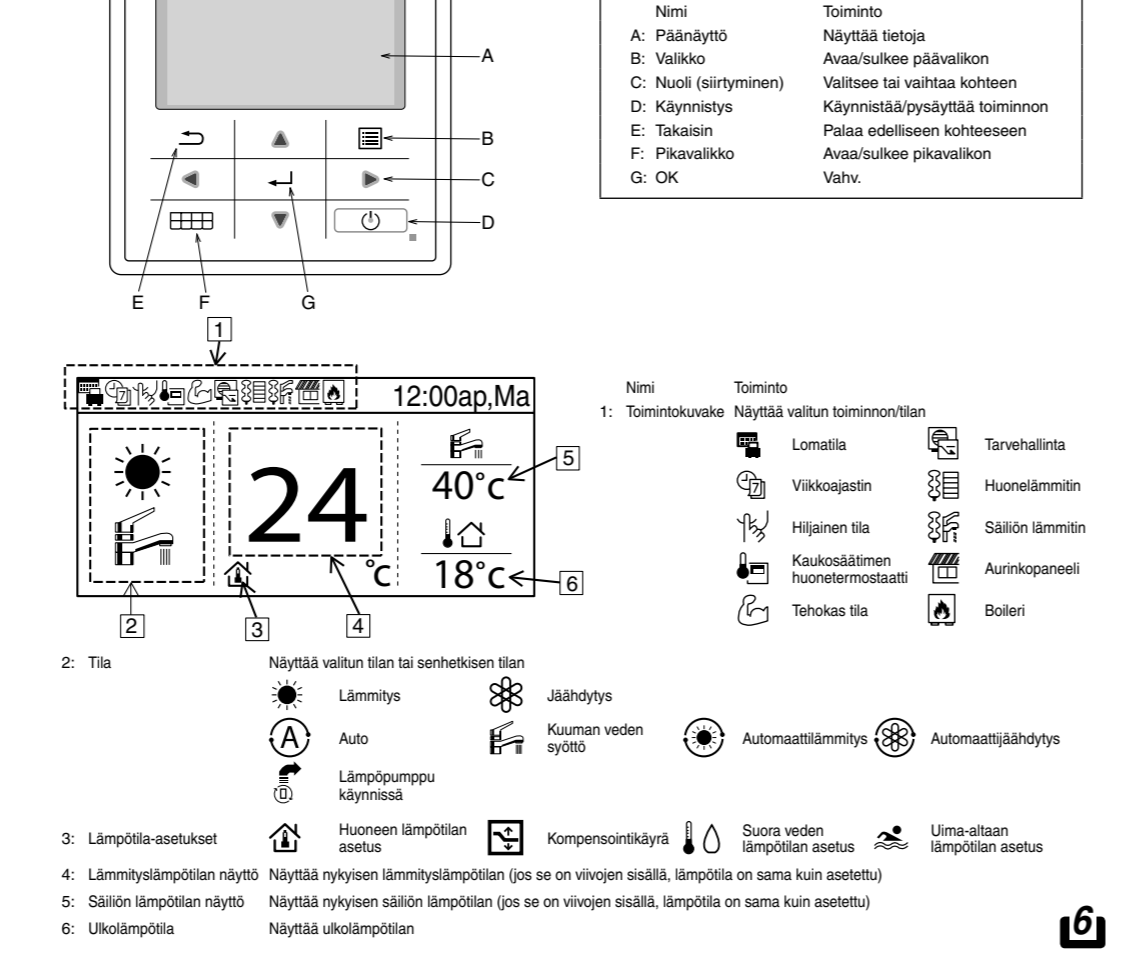
Table listing connection points for various outdoor units like compressors, fans, and pumps.

3 Järjestelmän asennus

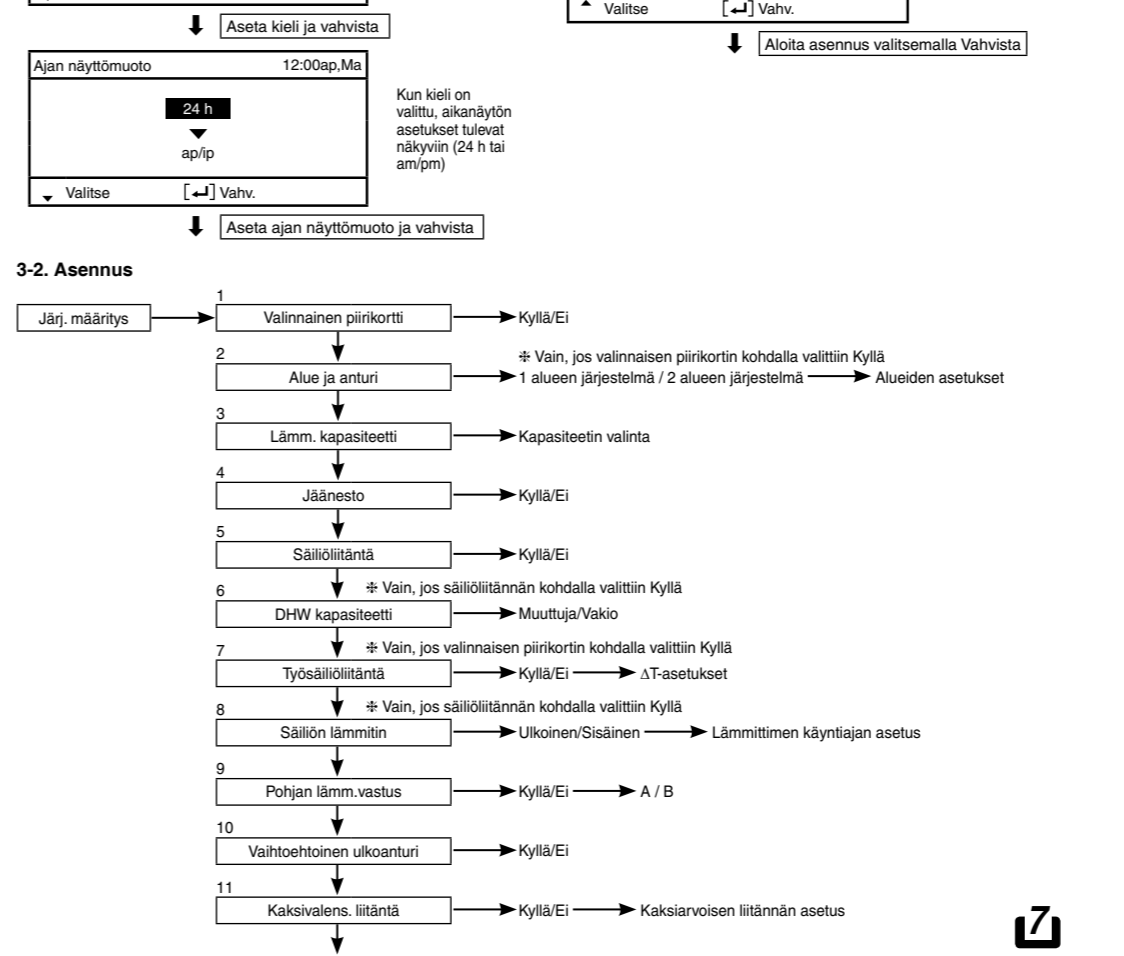
Asennus on tehtävä seuraavasti:



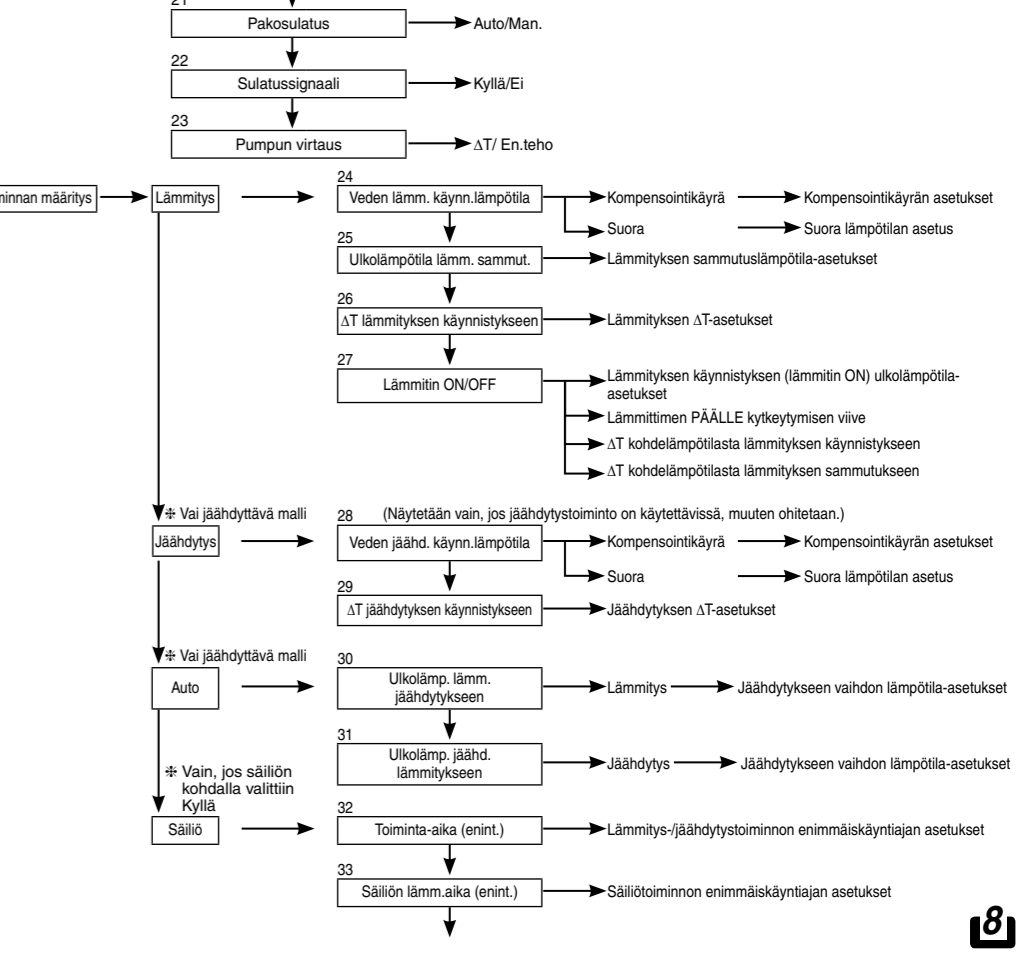
3.1 Kaukoalustan esittely



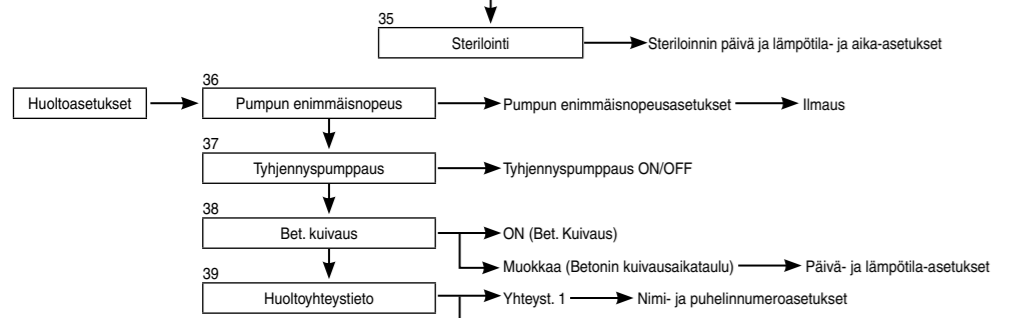
3-2. Asennus



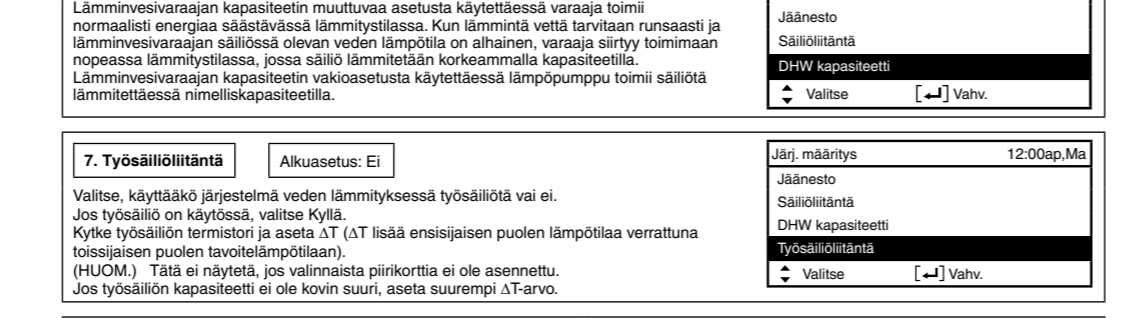
13. Aurinkopaneelin liittäminen



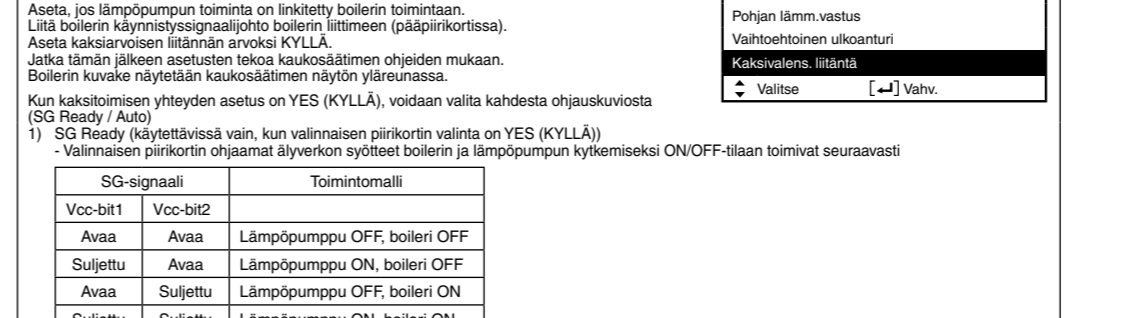
3-3. Järr. määräys



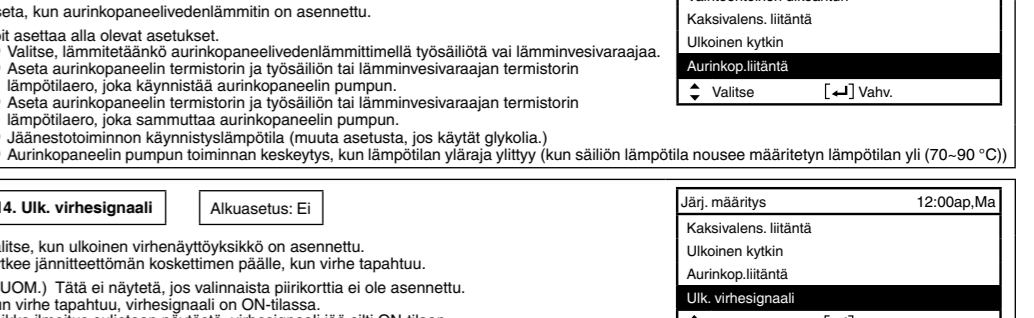
4. DHW-kapasiteetti



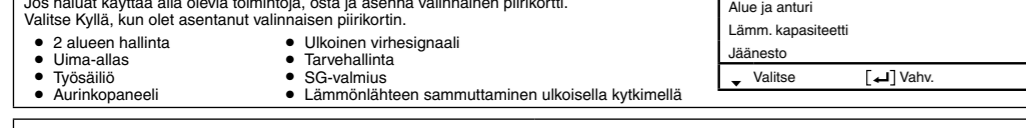
11. Kaakoiden liittäminen



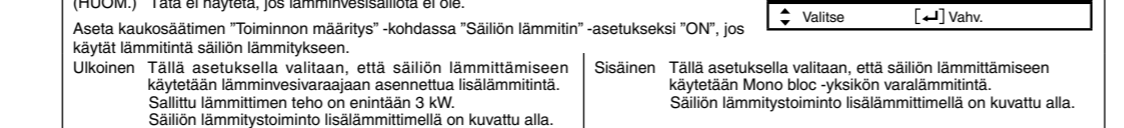
14. Ulk. vihisignaali



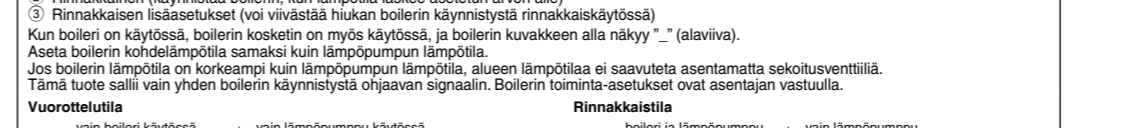
1. Valmistajan piirikortti



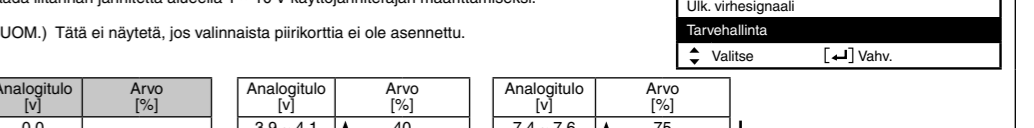
7. Työskäyttötilat



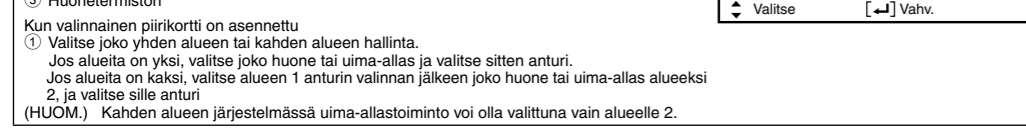
12. Toiminta-tilat



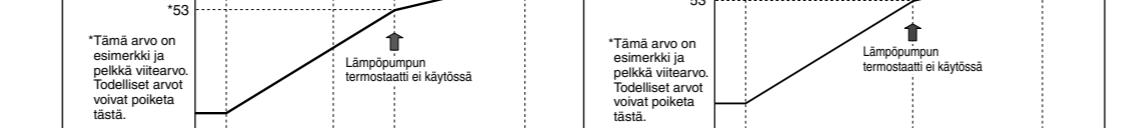
15. Tarvelämpö



2. Aika ja anturi



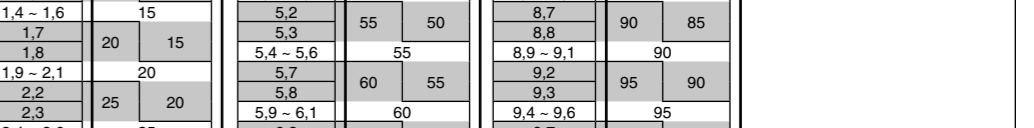
8. Säiliön lämmitys



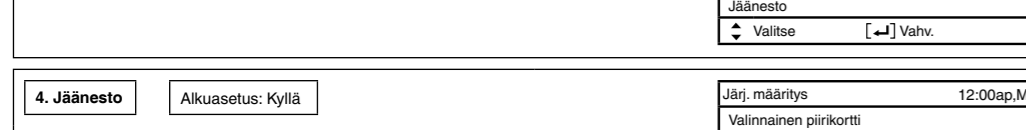
13. Käyttötilat



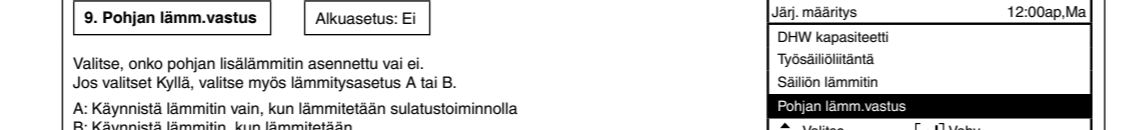
16. SG-väliosa



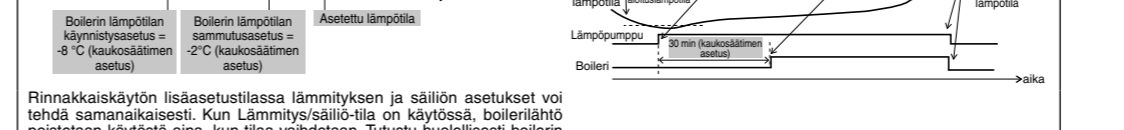
3. Lämm. kapasiteetti



9. Pojtan lämm. vastus



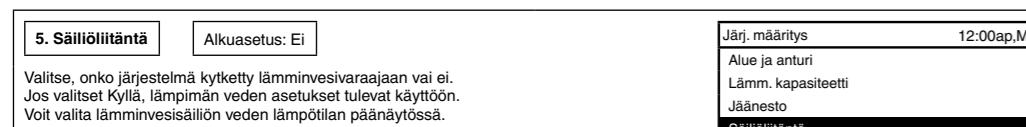
14. Ulokkoinen lämm. vastus



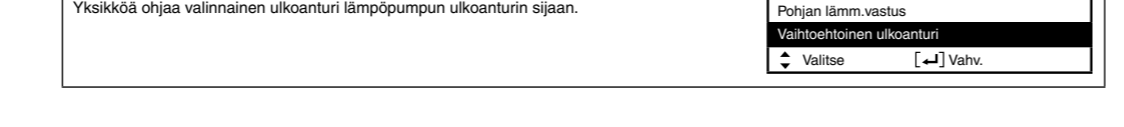
17. Ulokkoinen kompressorin kytkin



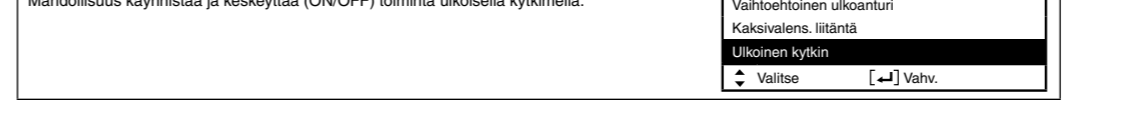
4. Jännesto



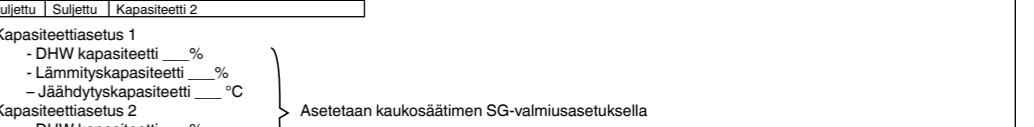
10. Valheellinen ulkoanturi



15. Ulokkoinen lämm. vastus



18. Lämm. jäähdytys



5. Säiliön lämmitys



20. Pakota lämmitt.



16. Ulokkoinen lämm. vastus



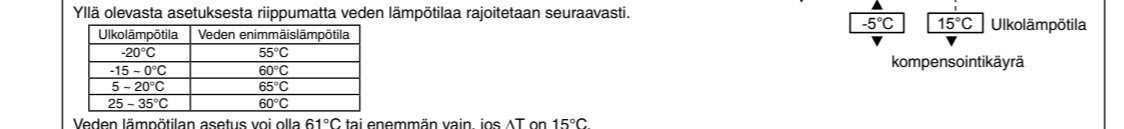
19. Lämm. jäähdytys



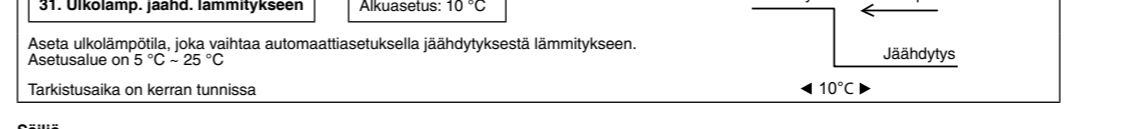
17. Ulokkoinen kompressorin kytkin



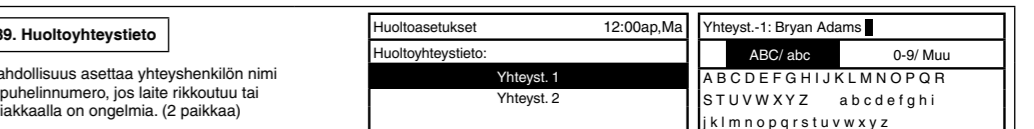
21. Pakota lämmitt.



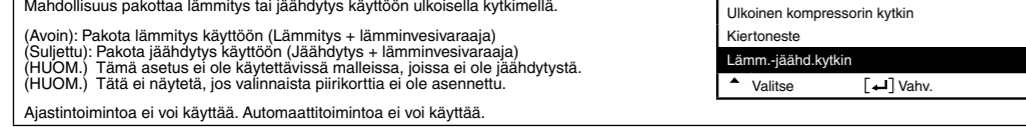
18. Lämm. jäähdytys



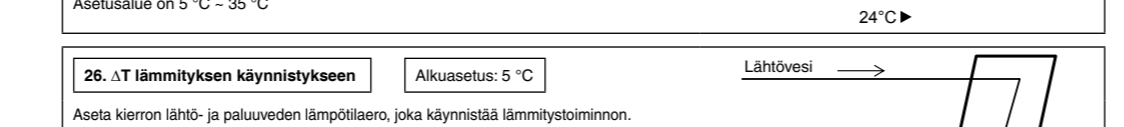
20. Pakota lämmitt.



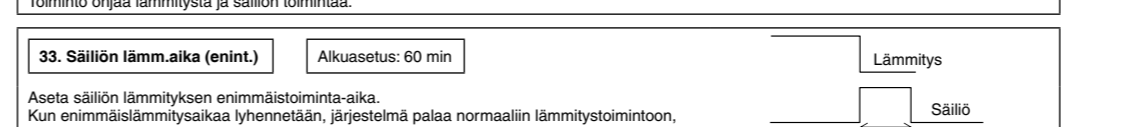
18. Lämm. jäähdytys



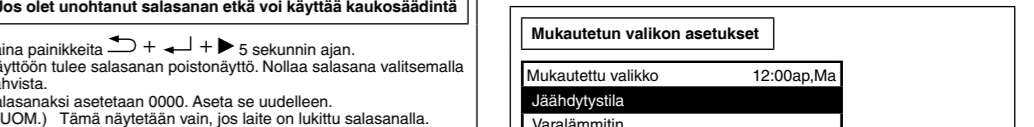
22. Säiliön lämmitys



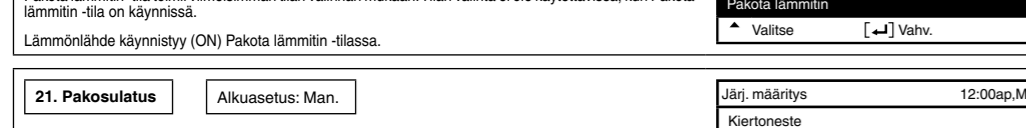
19. Lämm. jäähdytys



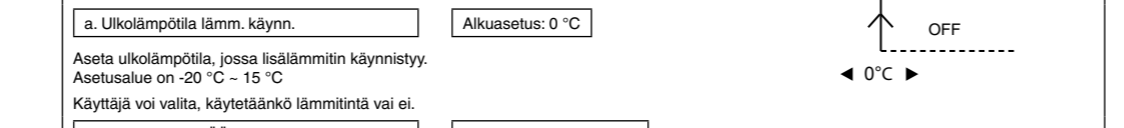
21. Pakota lämmitt.



19. Lämm. jäähdytys



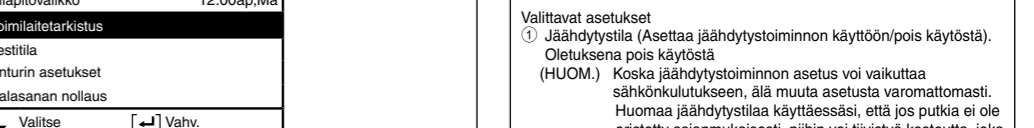
23. Säiliön lämmitys



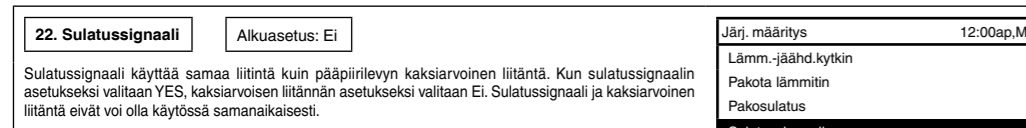
20. Pakota lämmitt.



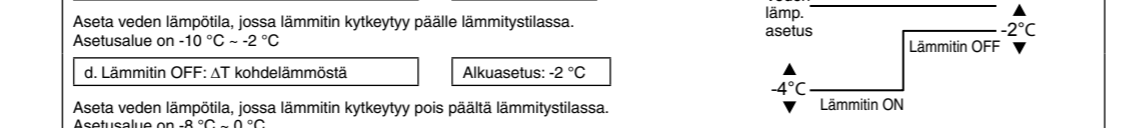
22. Säiliön lämmitys



20. Pakota lämmitt.



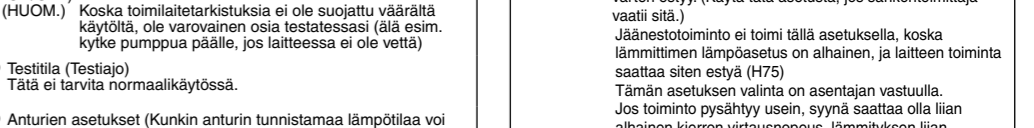
24. Ulokkoinen lämm. samm.



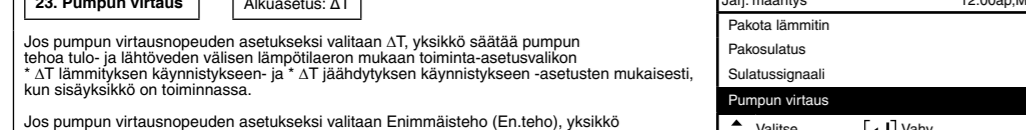
21. Pakota lämmitt.



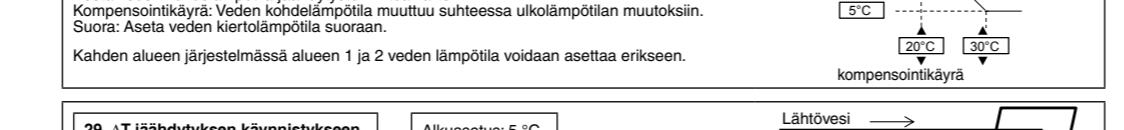
23. Säiliön lämmitys



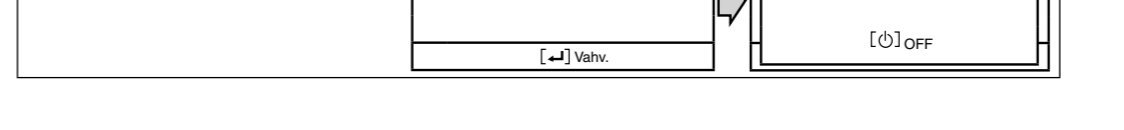
21. Pakota lämmitt.



25. Ulokkoinen lämm. samm.



22. Säiliön lämmitys



24. Ulokkoinen lämm. samm.



22. Säiliön lämmitys



26. AT lämmityksen käynnistyksen



23. Säiliön lämmitys



25. Ulokkoinen lämm. samm.



Luft/Vand-VARMEPUMPE MONOBLOK WH-MXC09J3ES, WH-MXC12J3ES, WH-MXC09J3EB, WH-MXC12J3EB, WH-MXC16J3EB

1 Variation af systemet Dette afniroducer variationer af forskellige systemer, der anvender Luft-til-vand Varmepumpe og den tekniske indstillingsmetode.

1.1 Introducer anvendte relater til temperaturindstilling. 1.2 Temperaturindstillingsvariation til opvarmning. 1.3 Rumtemperatur. 1.4 Gulvvarme eller radiator drejde. 1.5 Ekstern Rumtemperatur. 1.6 Rumtemperatur. 1.7 Gulvvarme eller radiator drejde. 1.8 Gulvvarme eller radiator drejde. 1.9 Gulvvarme eller radiator drejde. 1.10 Gulvvarme eller radiator drejde.

2 Hvordan man monterer ekstern enhed Tilslutning af kabler mellem monobloket og ekstern enhed: må længden af de nævnte kabler ikke overstige den maksimale længde, vist i tabellen.

Table with 3 columns: Ekstern enhed, Maksimal kabel længde (m), and Ekstern enhed. Lists various components like Radiator, Varmepumpe, and their cable lengths.

3 Systeminstallation 3-1 Udgang til fjernkontrol. 3-2 Installatørindstil. 3-3 Systemindstillinger.

3-1 Udgang til fjernkontrol: Diagram showing remote control connection points. 3-2 Installatørindstil: System settings menu flowchart. 3-3 Systemindstillinger: Detailed settings for VV-kapacitet, Bufferfuldnings, Tankopvarmning, and others.

4 Grundindstillinger Grundindstilling af Grundindstillingerne. 4.1 Grundindstilling af Grundindstillingerne. 4.2 Grundindstilling af Grundindstillingerne.

4.1 Grundindstilling af Grundindstillingerne: Detailed settings for VV-kapacitet, Bufferfuldnings, Tankopvarmning, and others. 4.2 Grundindstilling af Grundindstillingerne: Detailed settings for VV-kapacitet, Bufferfuldnings, Tankopvarmning, and others.

4.3 Grundindstilling af Grundindstillingerne: Detailed settings for VV-kapacitet, Bufferfuldnings, Tankopvarmning, and others. 4.4 Grundindstilling af Grundindstillingerne: Detailed settings for VV-kapacitet, Bufferfuldnings, Tankopvarmning, and others.

4.5 Grundindstilling af Grundindstillingerne: Detailed settings for VV-kapacitet, Bufferfuldnings, Tankopvarmning, and others. 4.6 Grundindstilling af Grundindstillingerne: Detailed settings for VV-kapacitet, Bufferfuldnings, Tankopvarmning, and others.

4.7 Grundindstilling af Grundindstillingerne: Detailed settings for VV-kapacitet, Bufferfuldnings, Tankopvarmning, and others. 4.8 Grundindstilling af Grundindstillingerne: Detailed settings for VV-kapacitet, Bufferfuldnings, Tankopvarmning, and others.

4.9 Grundindstilling af Grundindstillingerne: Detailed settings for VV-kapacitet, Bufferfuldnings, Tankopvarmning, and others. 4.10 Grundindstilling af Grundindstillingerne: Detailed settings for VV-kapacitet, Bufferfuldnings, Tankopvarmning, and others.

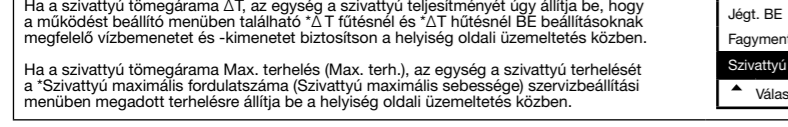
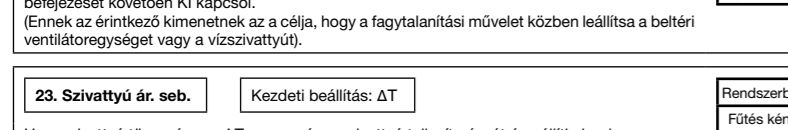
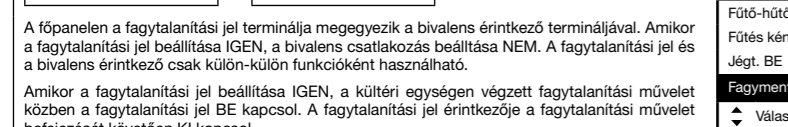
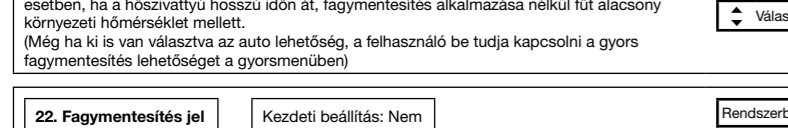
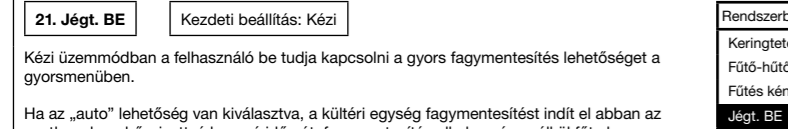
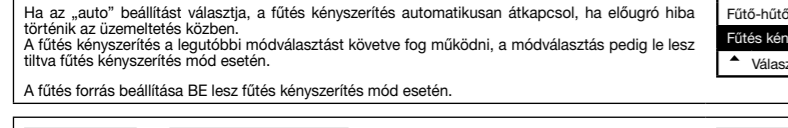
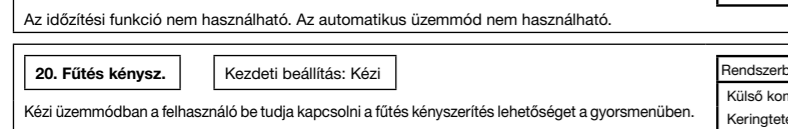
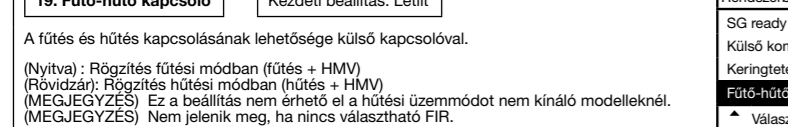
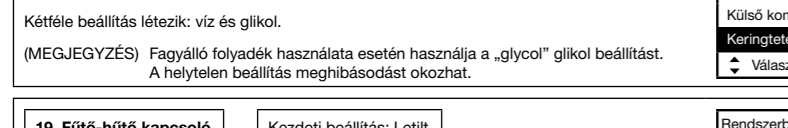
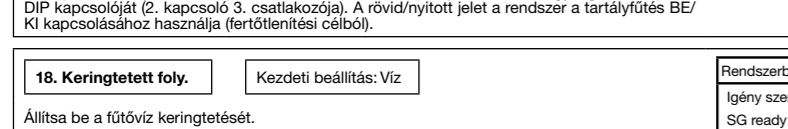
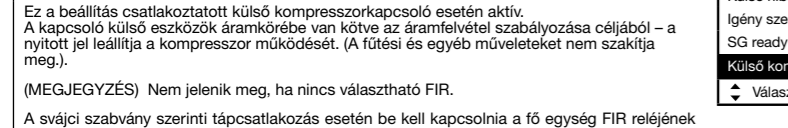
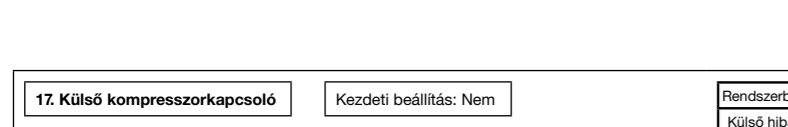
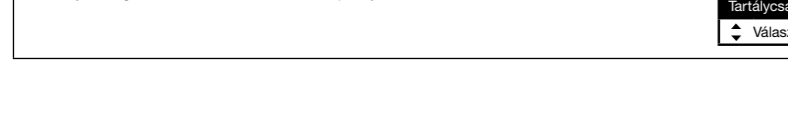
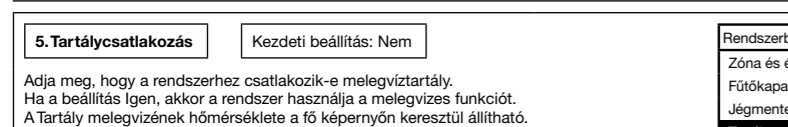
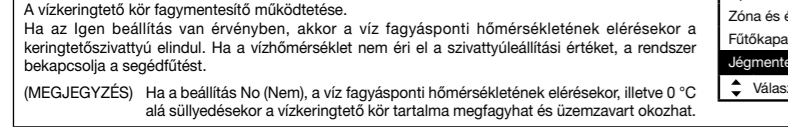
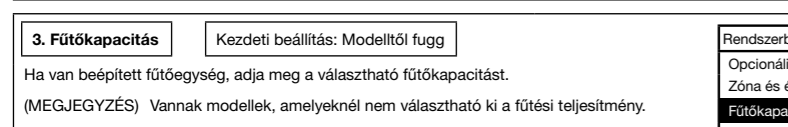
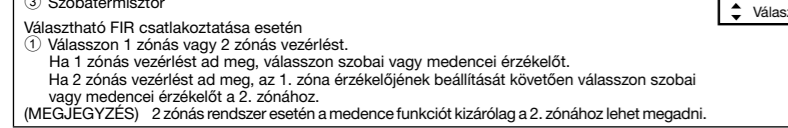
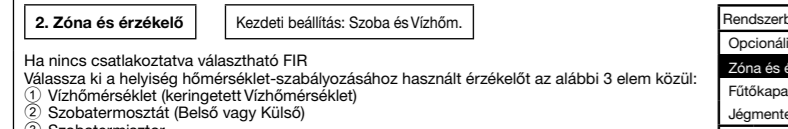
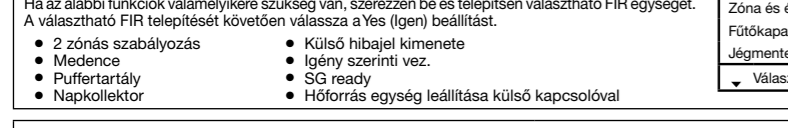
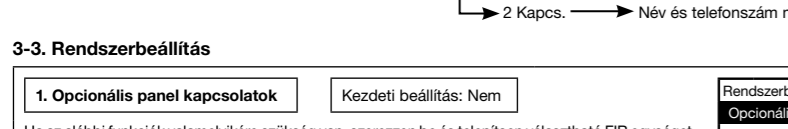
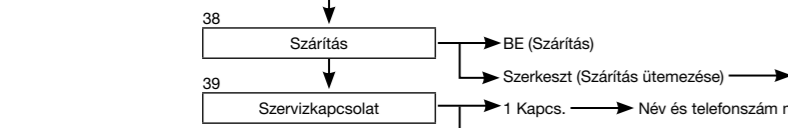
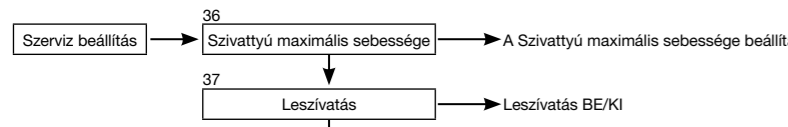
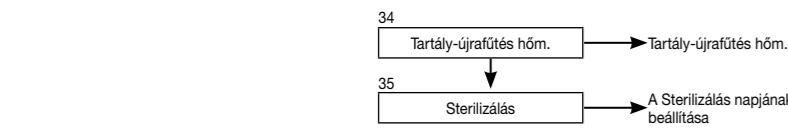
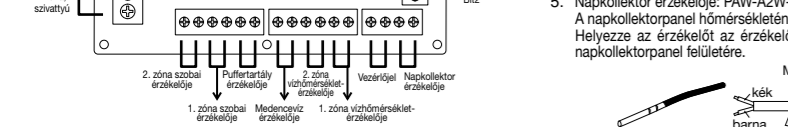
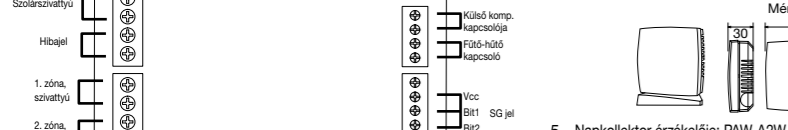
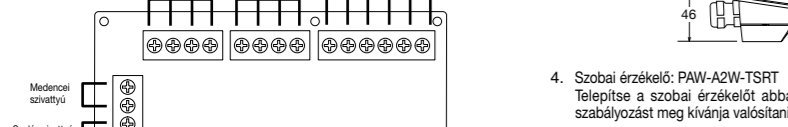
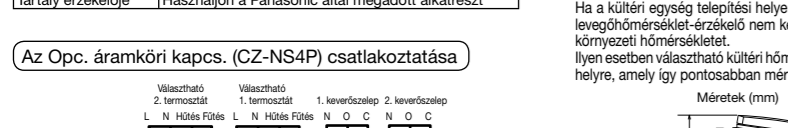
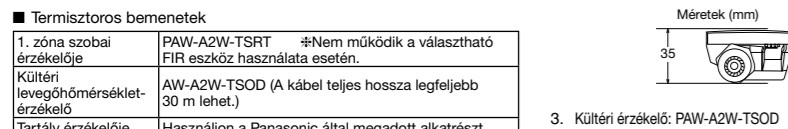
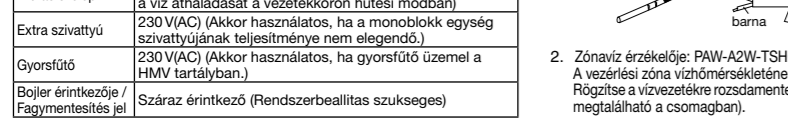
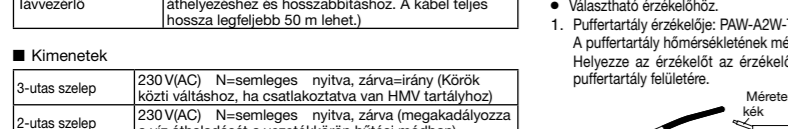
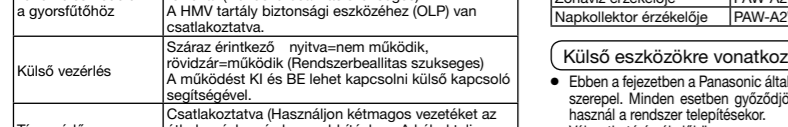
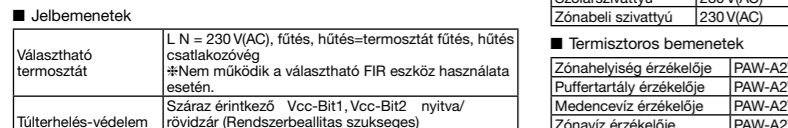
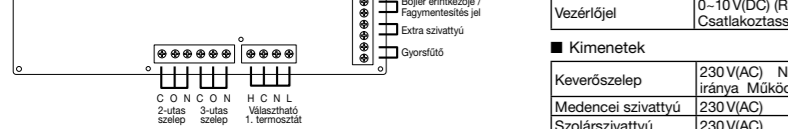
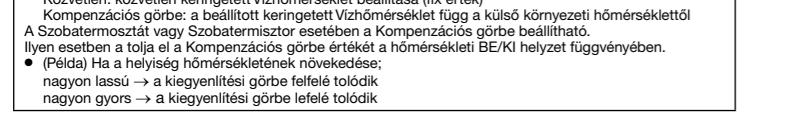
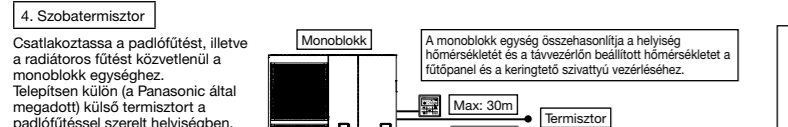
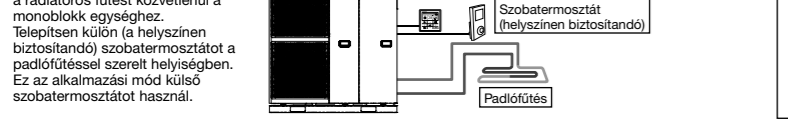
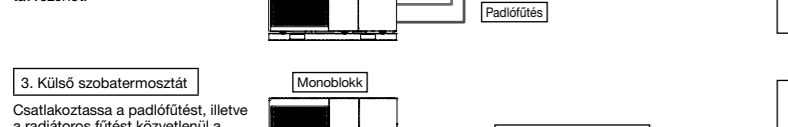
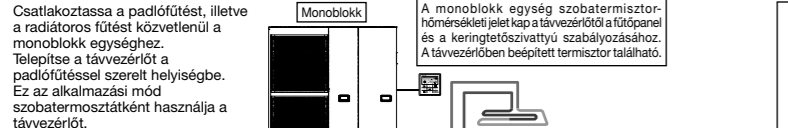
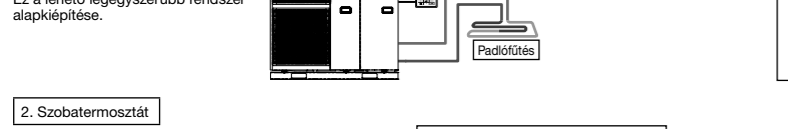
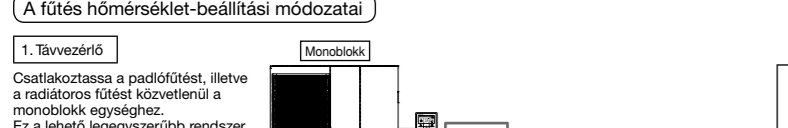
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TELEPÍTÉSI ÚTMUTATÓ LEVEGŐ-VÍZ MONOBLOKK HŐSZIVATTYÚ

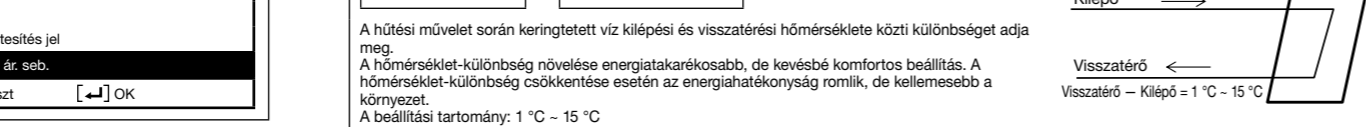
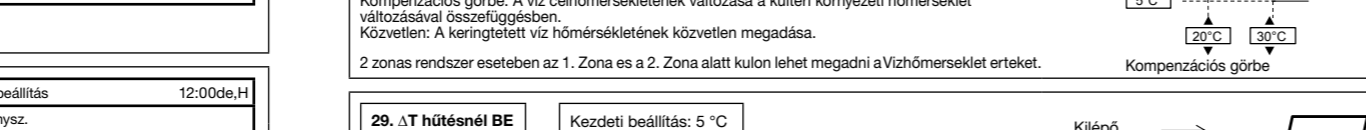
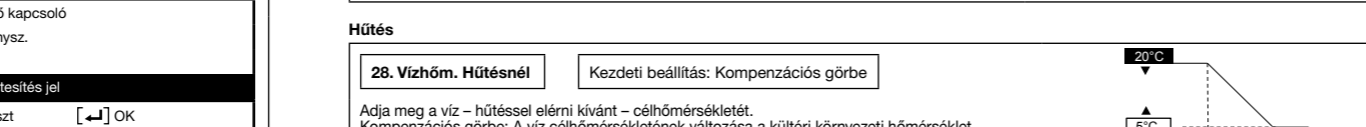
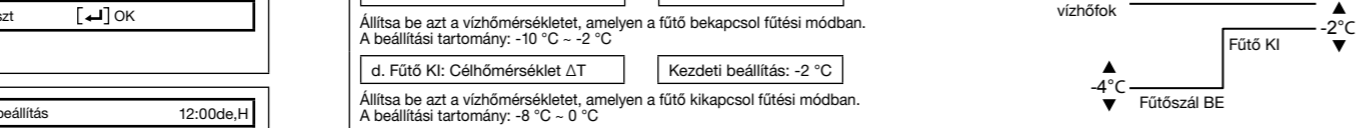
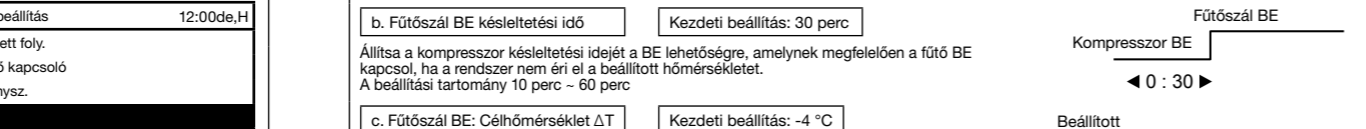
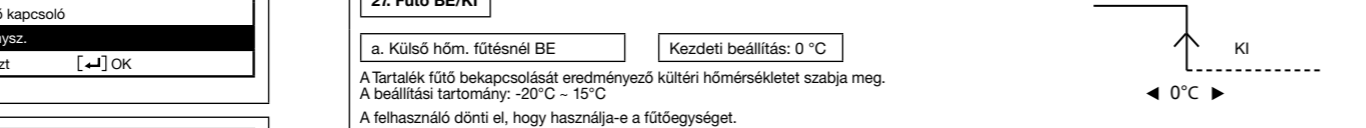
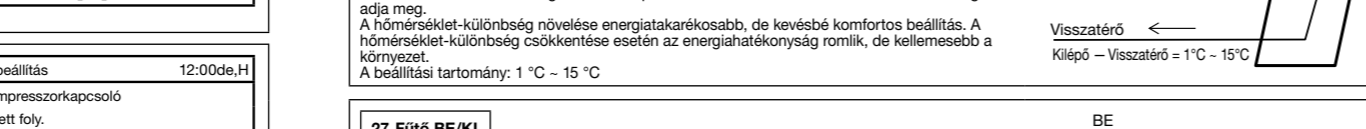
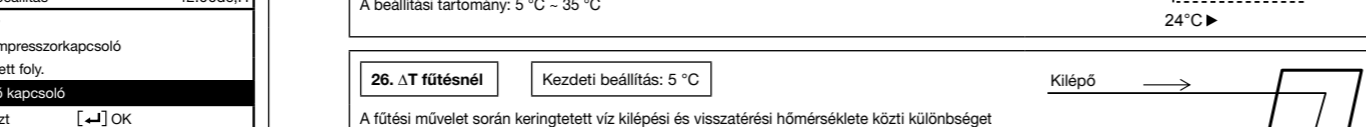
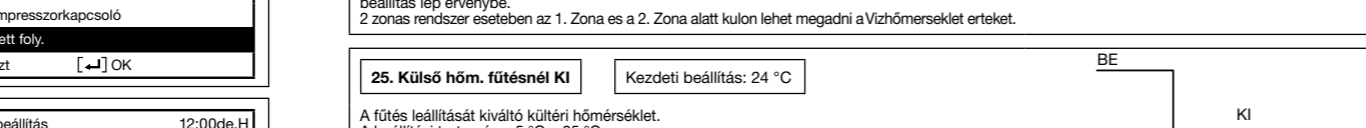
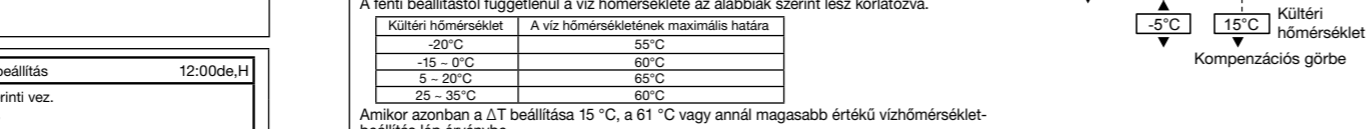
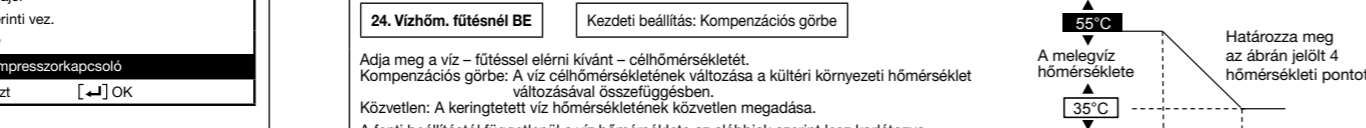
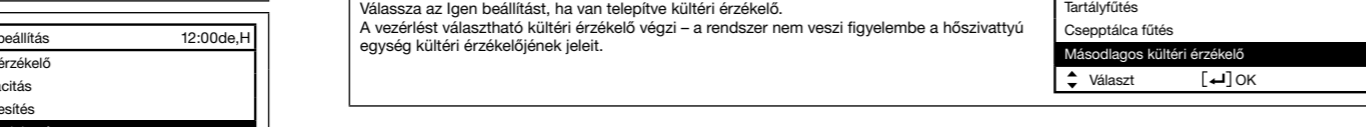
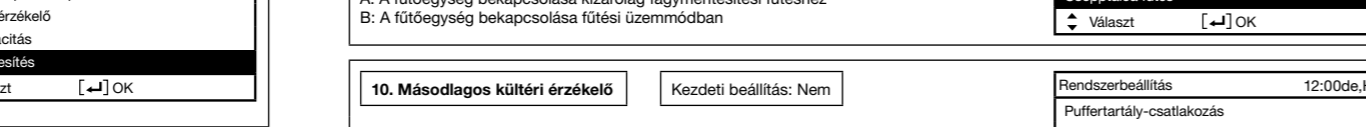
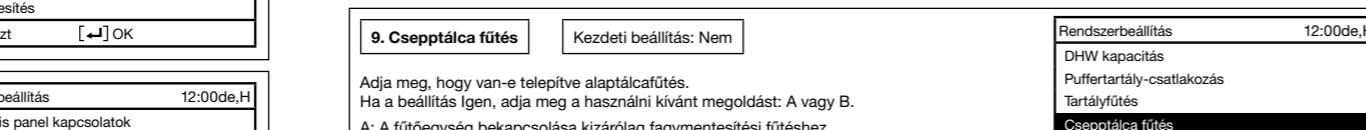
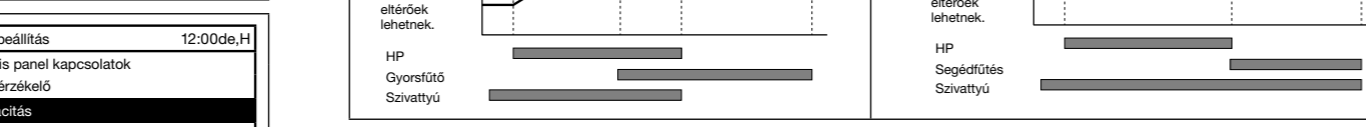
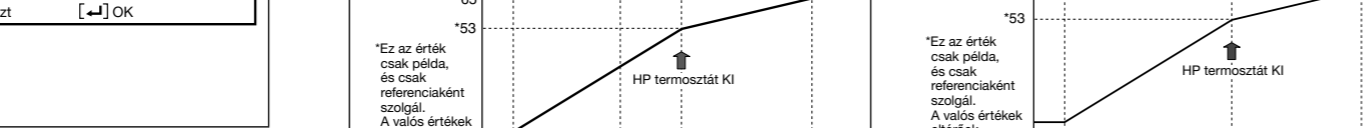
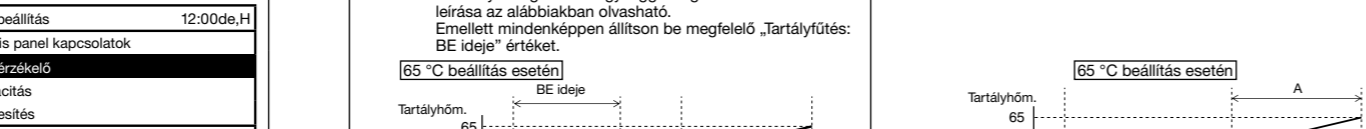
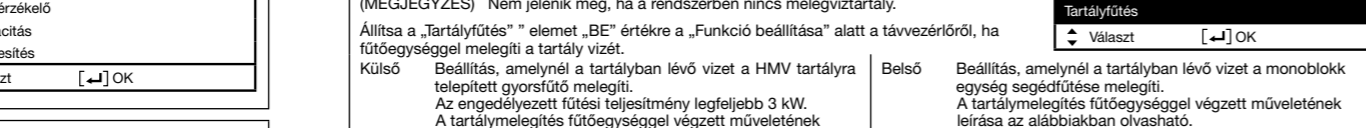
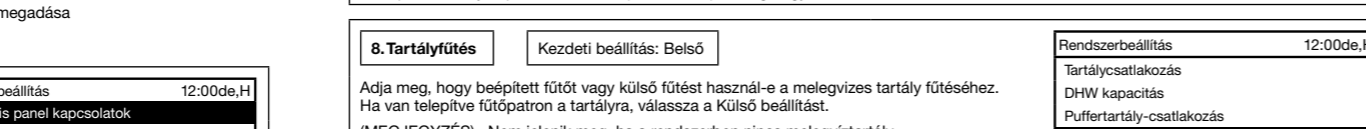
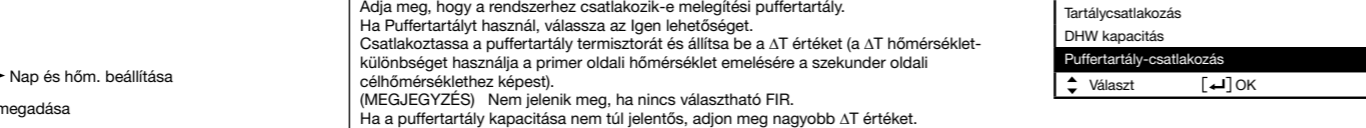
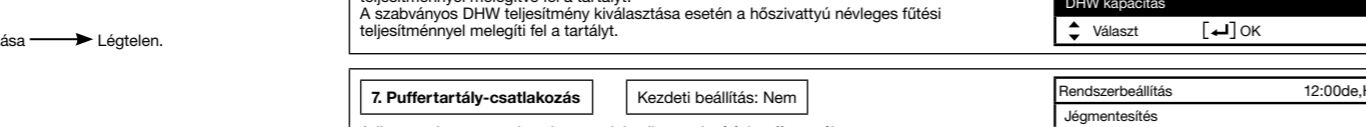
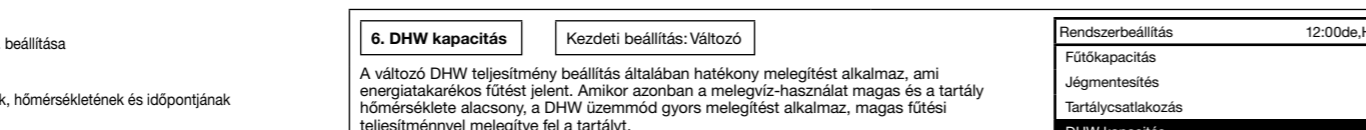
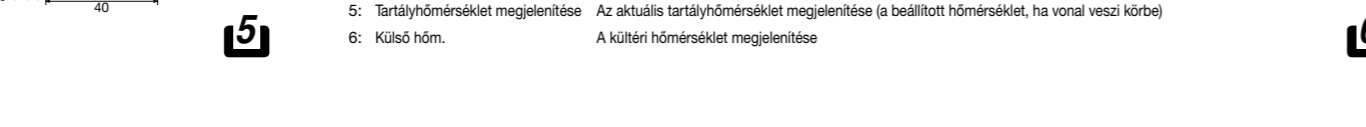
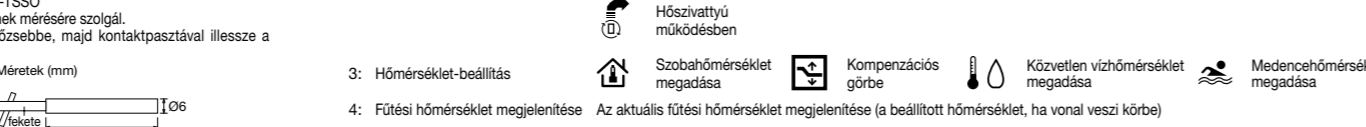
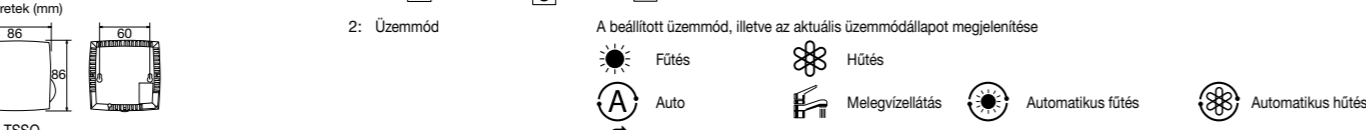
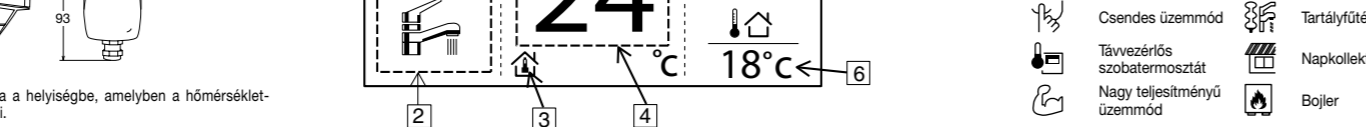
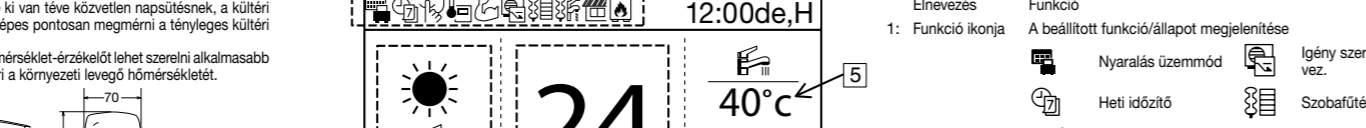
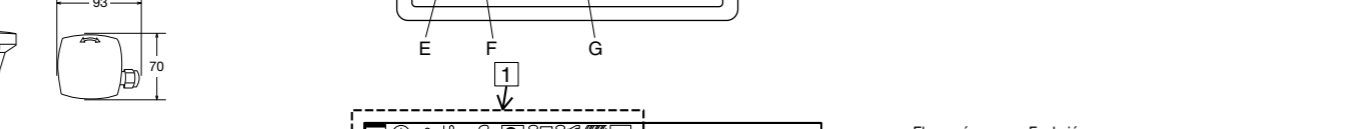
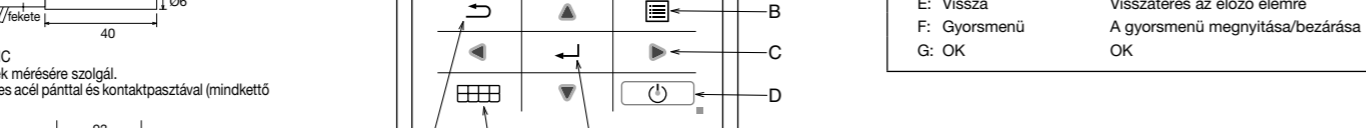
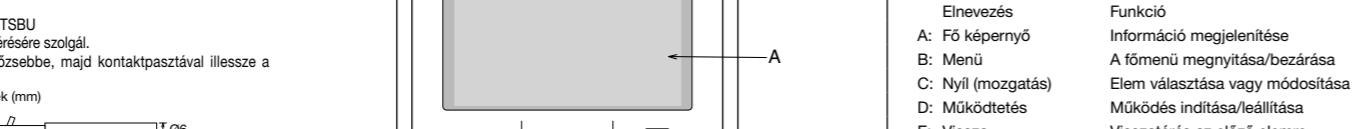
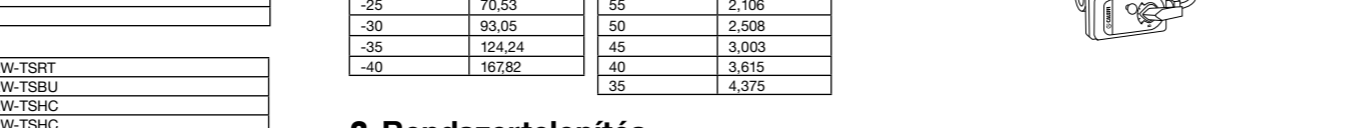
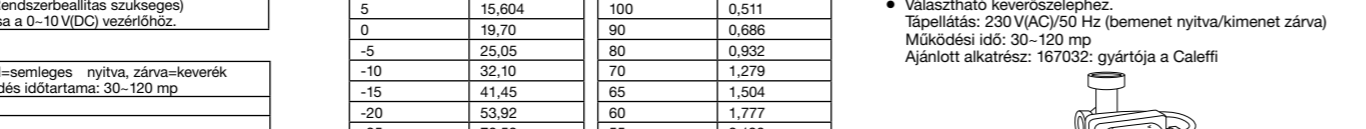
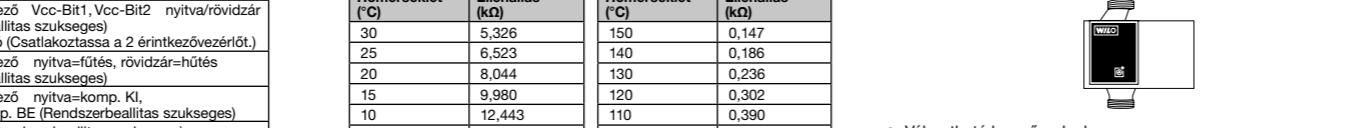
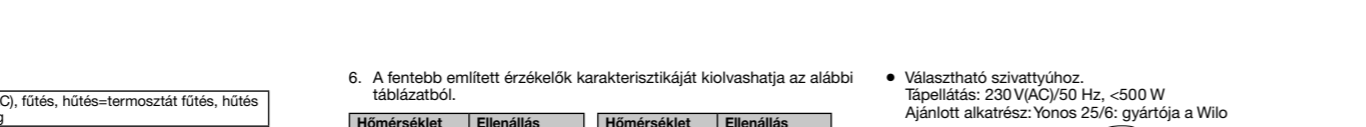
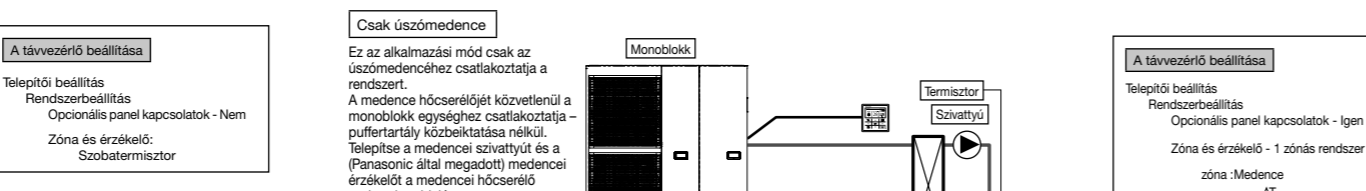
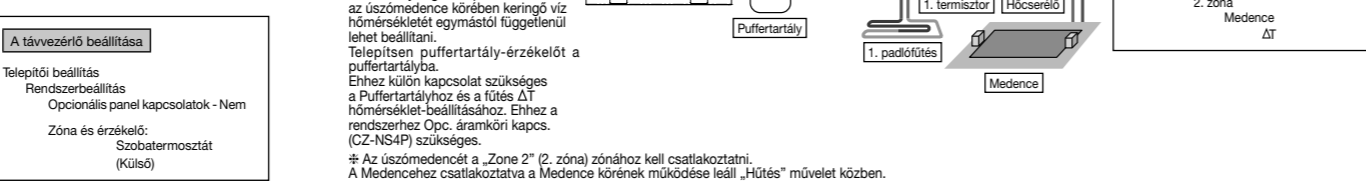
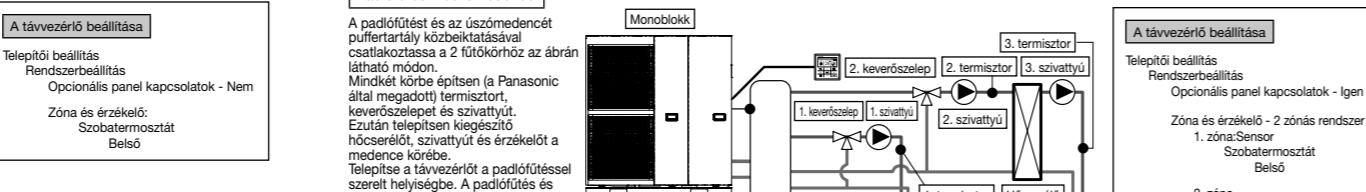
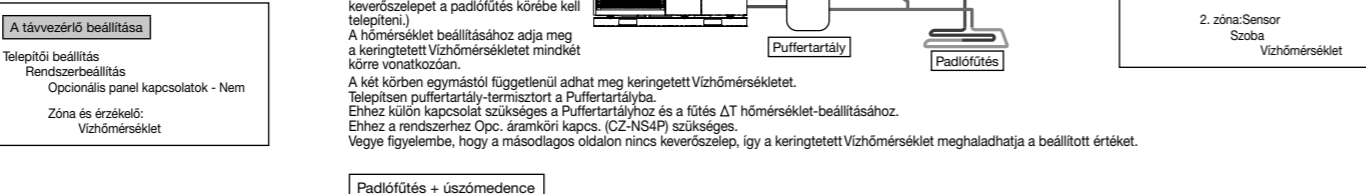
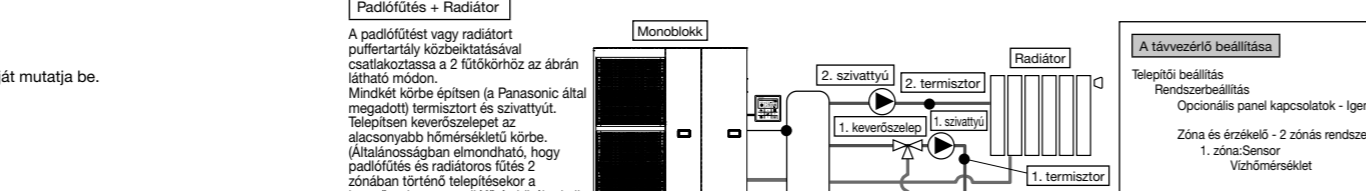
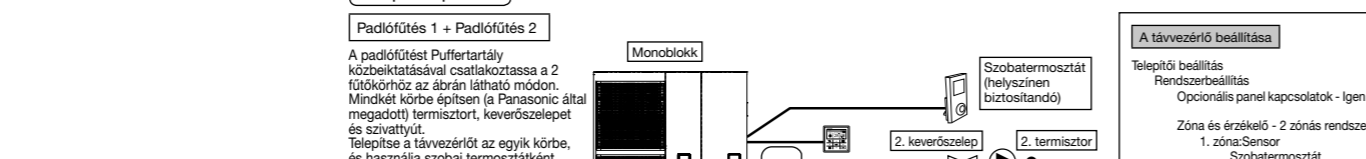
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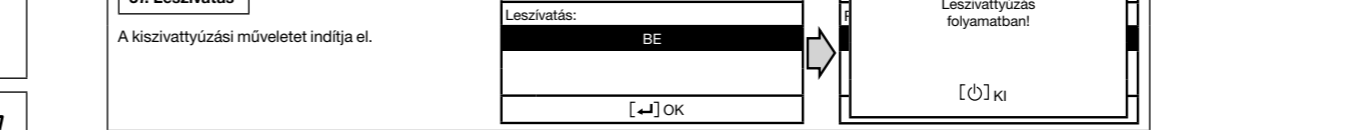
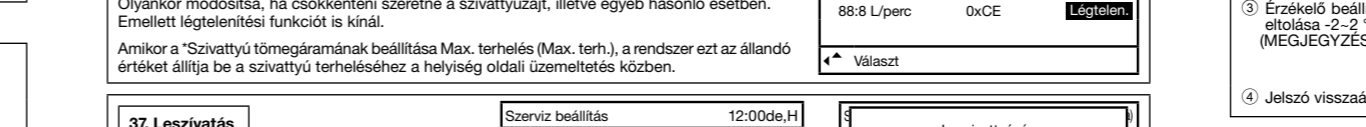
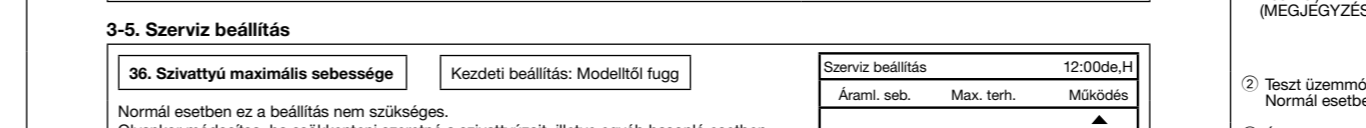
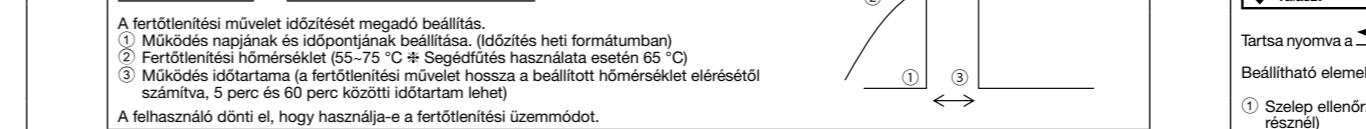
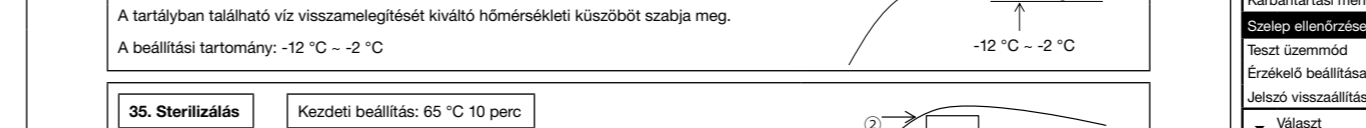
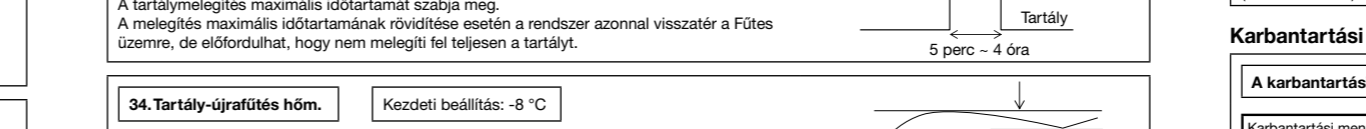
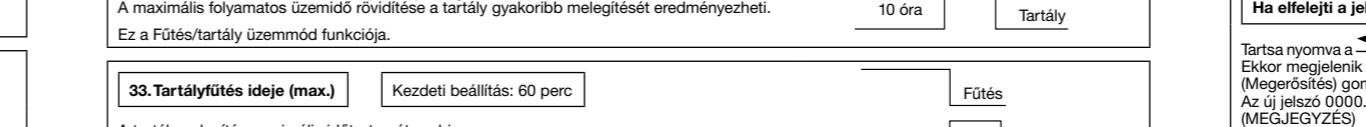
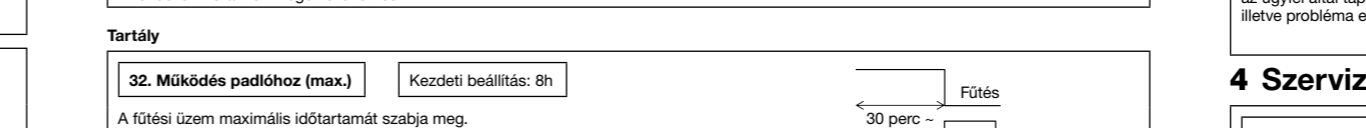
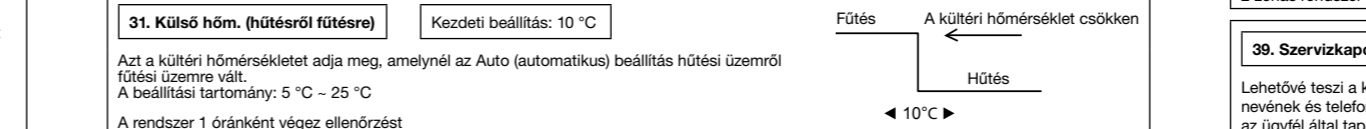
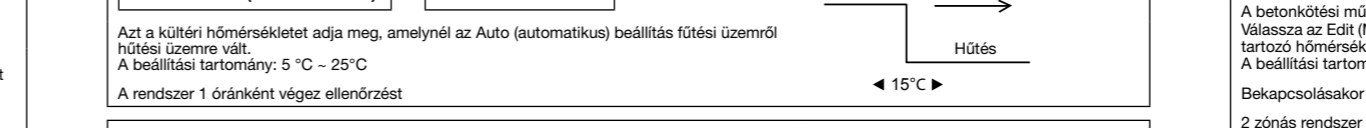
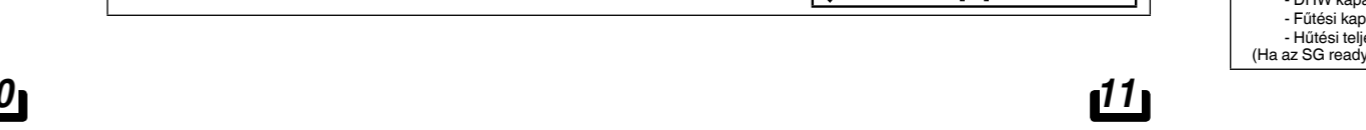
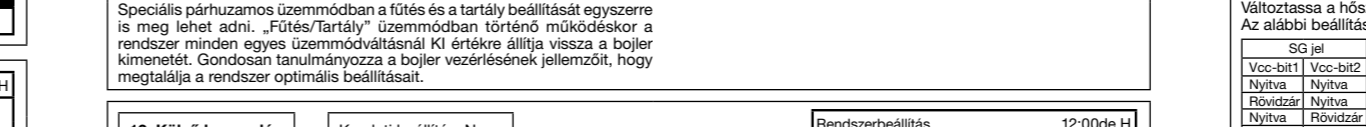
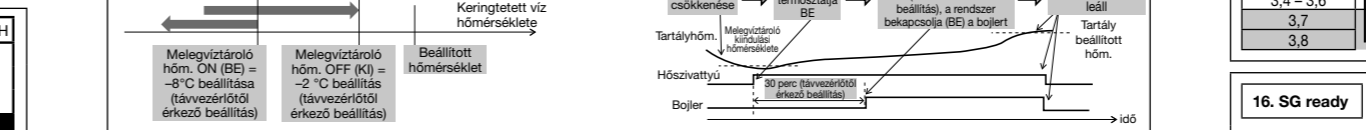
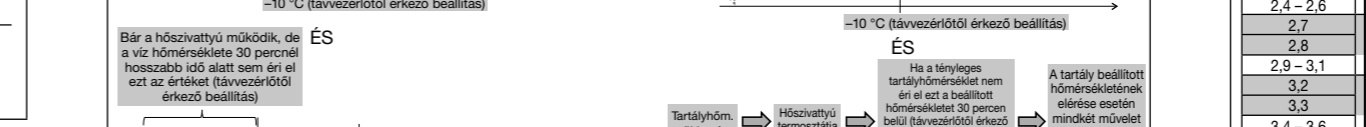
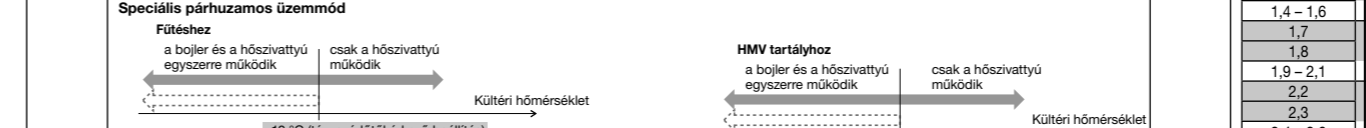
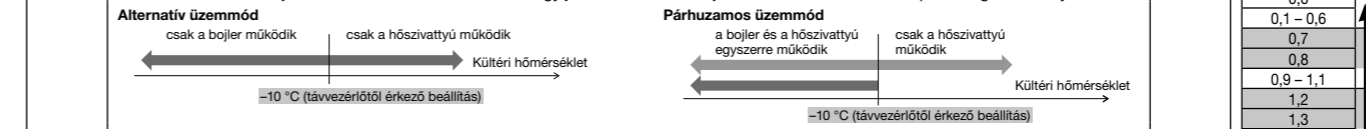
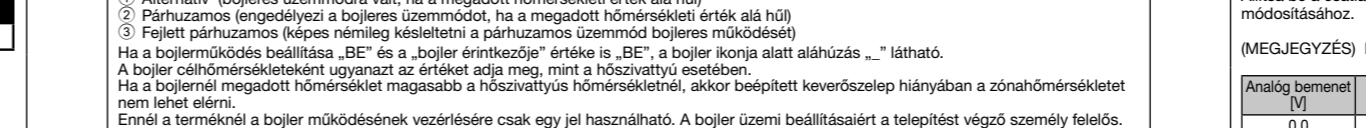
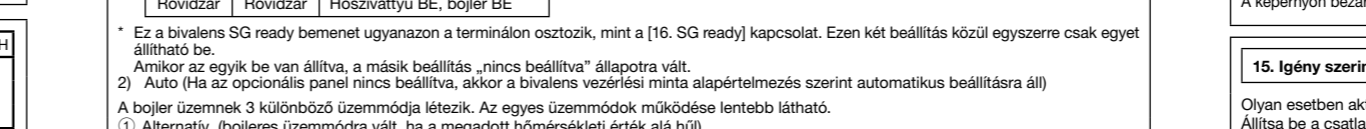
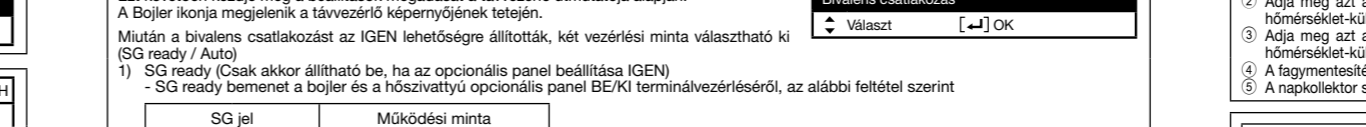
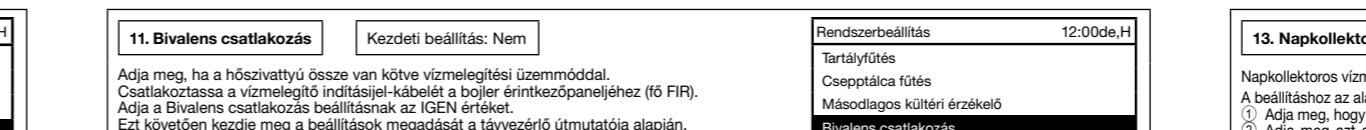
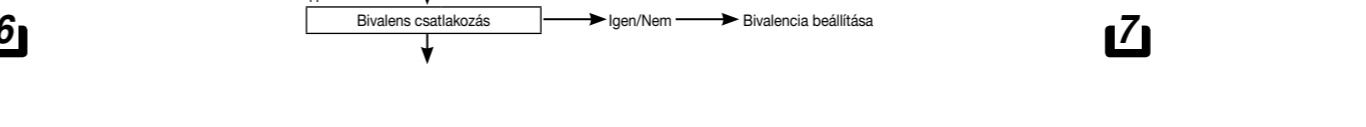
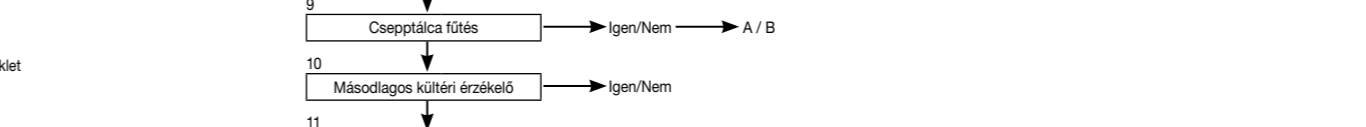
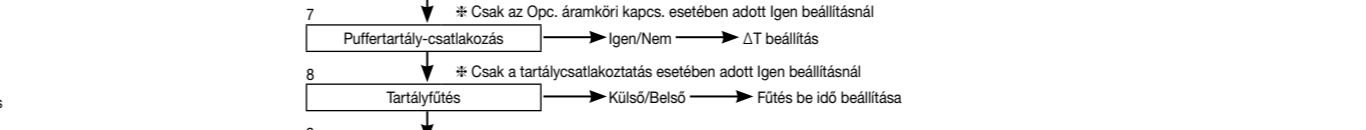
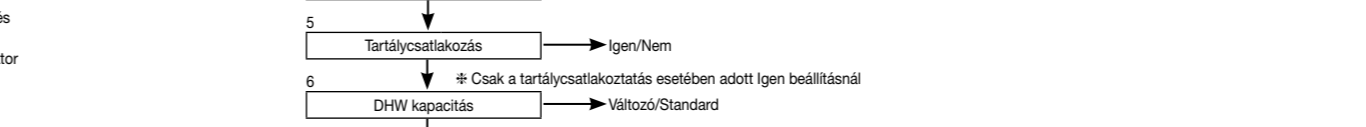
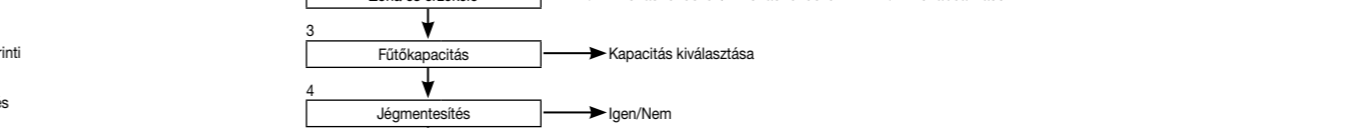
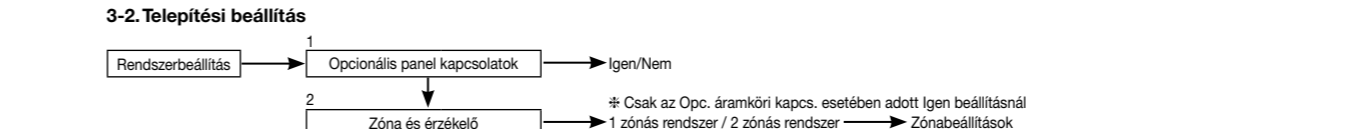
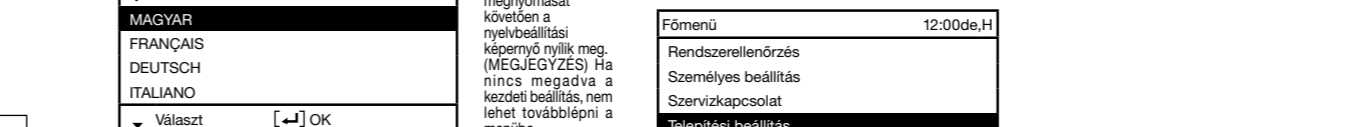
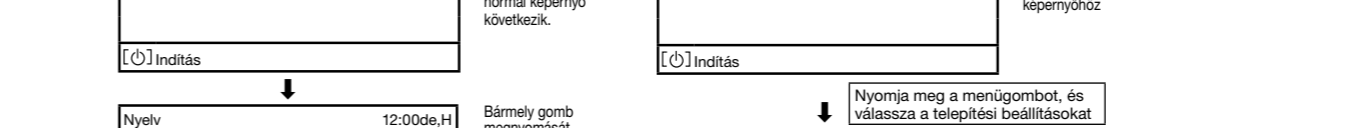
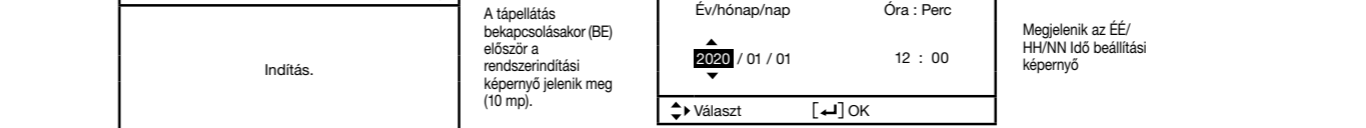
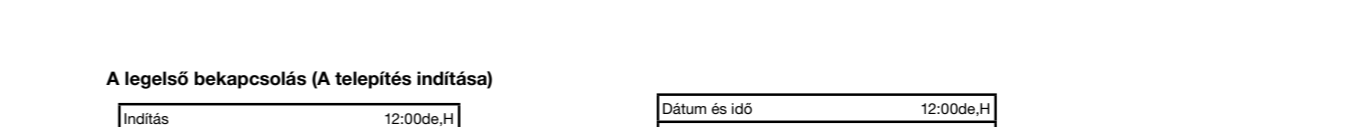
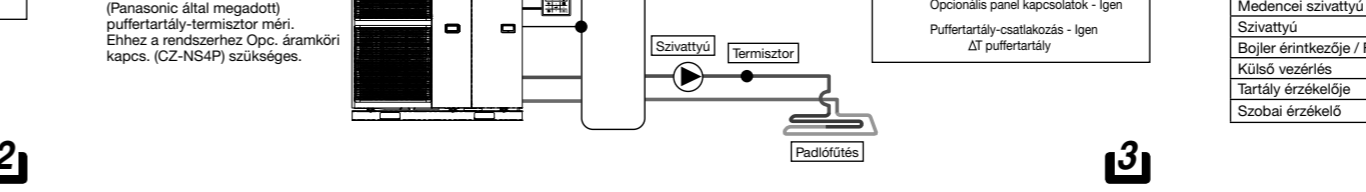
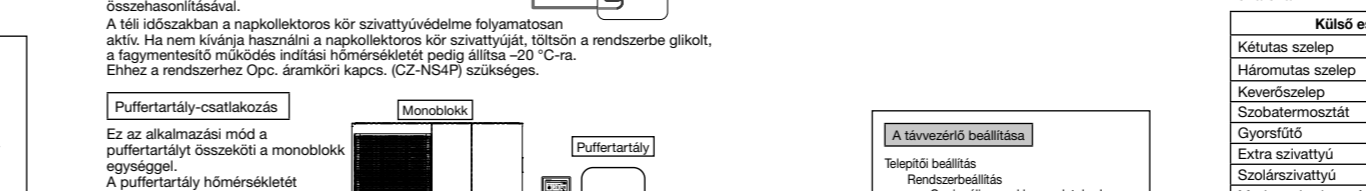
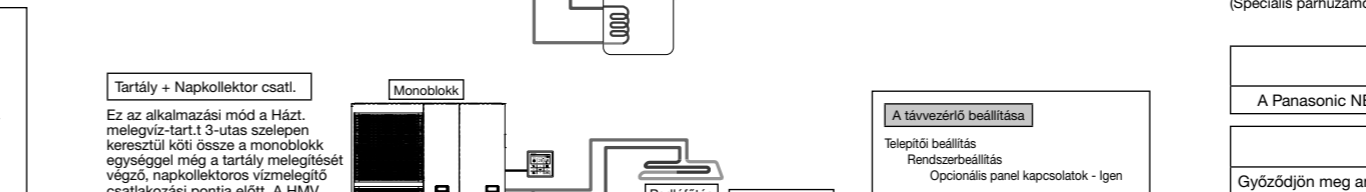
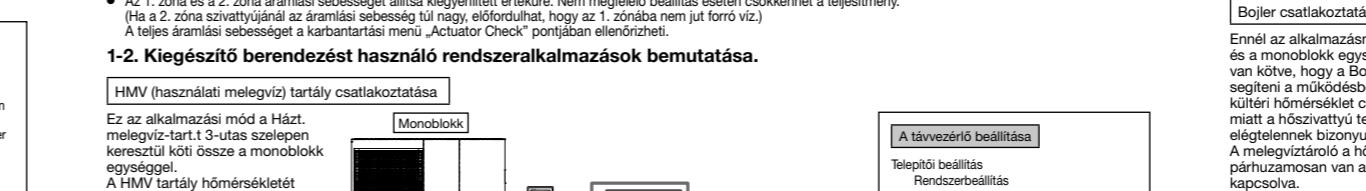
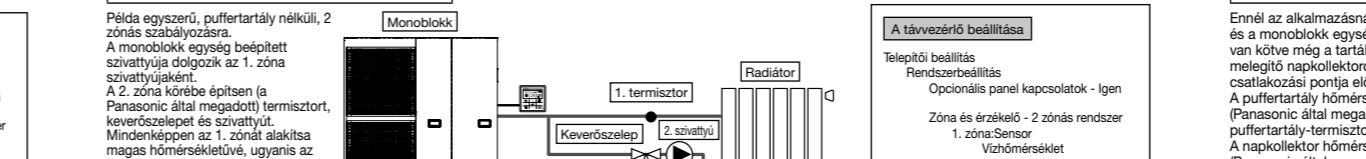
Ez a fejezet a levegő-víz hőszivattyút használni rendelkező különböző variánsok, illetve azok beállításának módját mutatja be. 1-1 A hőmérséklet-szabályozóhoz kapcsolódó alkalmazás bemutatása.



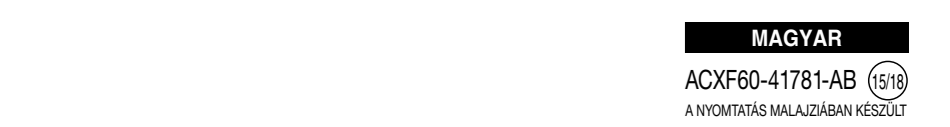
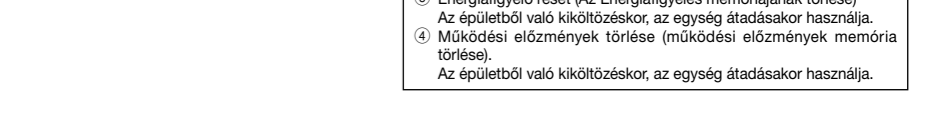
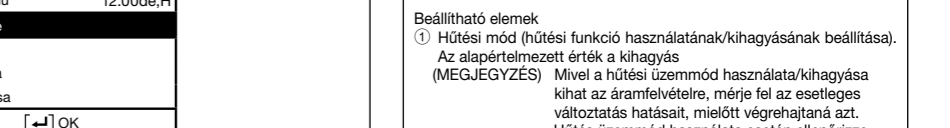
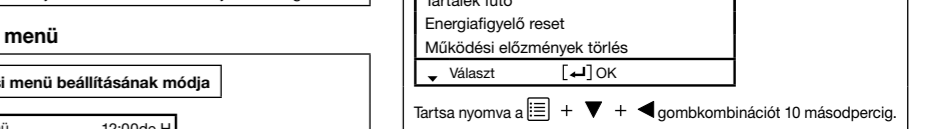
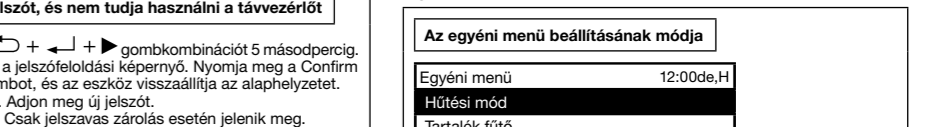
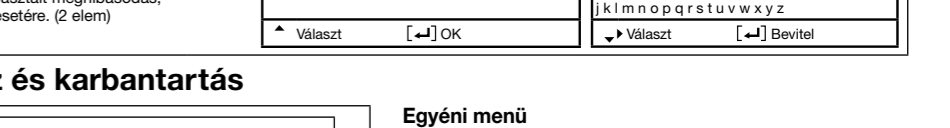
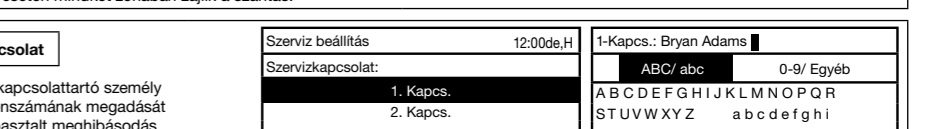
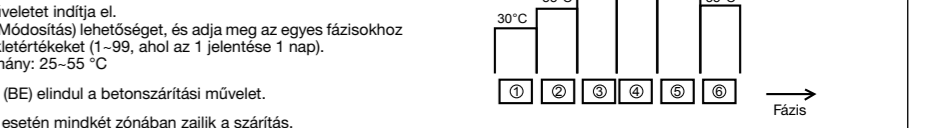
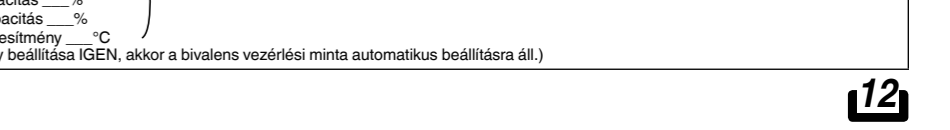
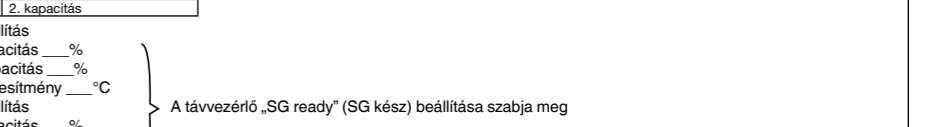
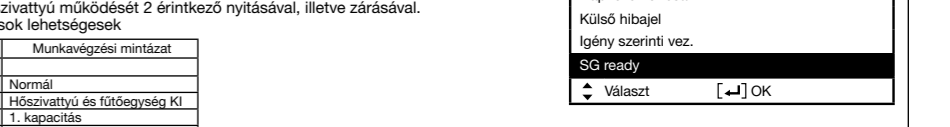
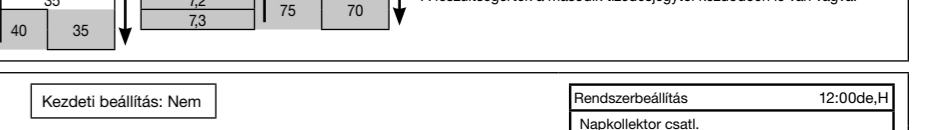
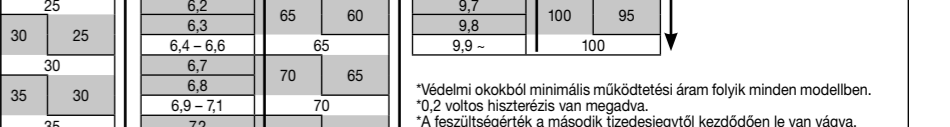
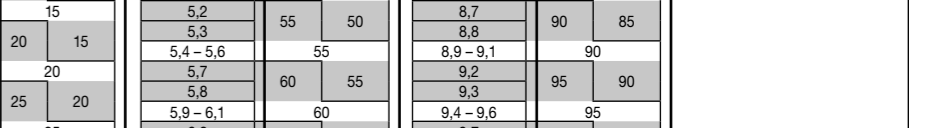
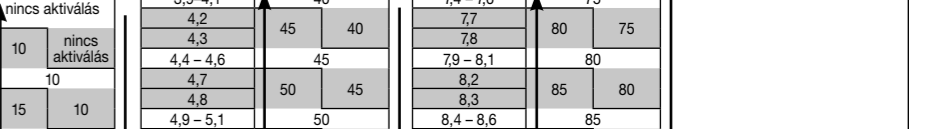
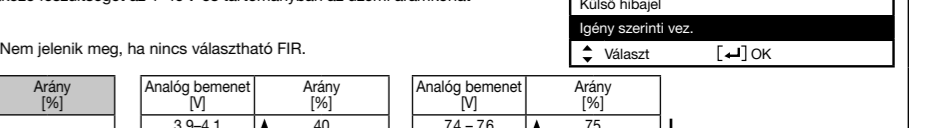
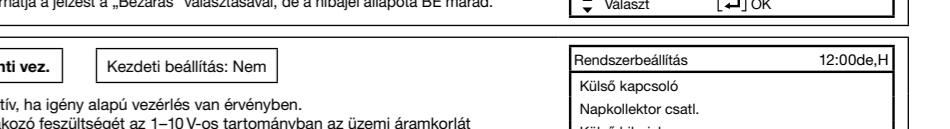
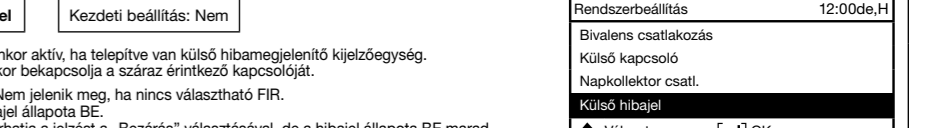
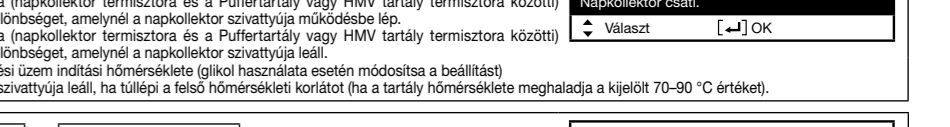
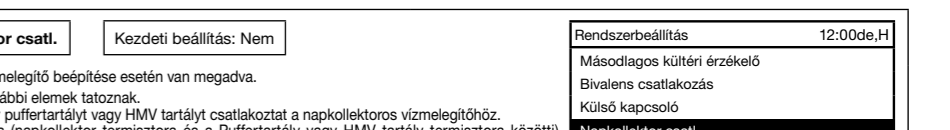
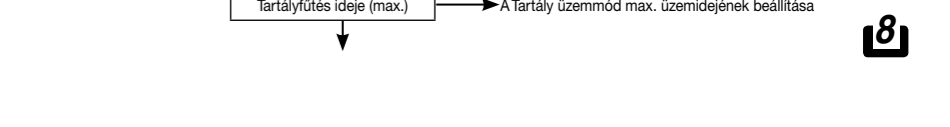
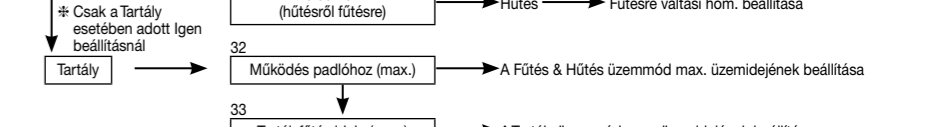
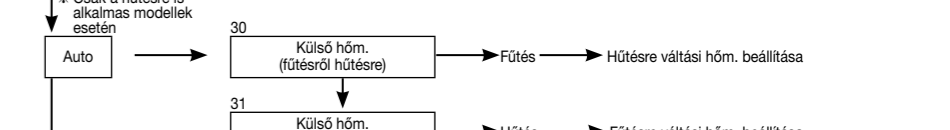
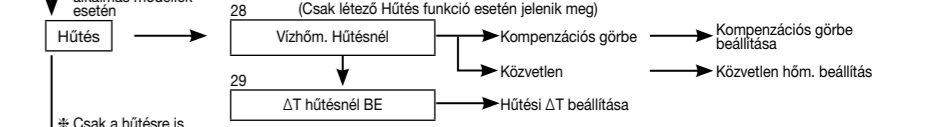
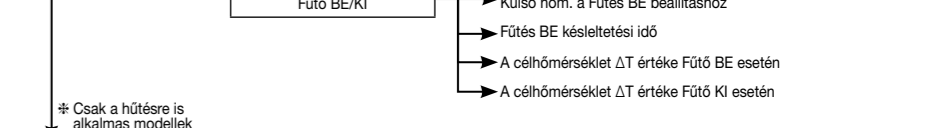
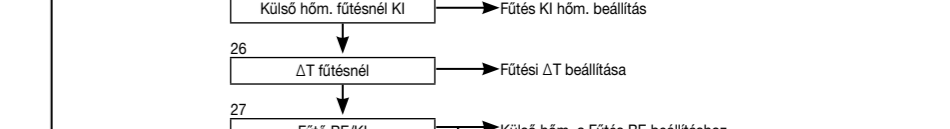
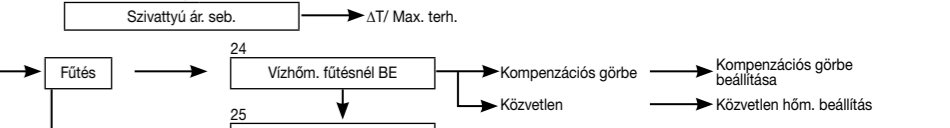
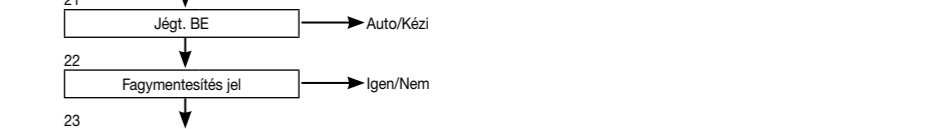
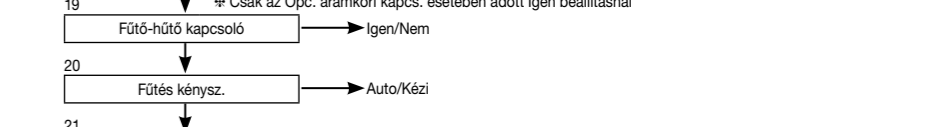
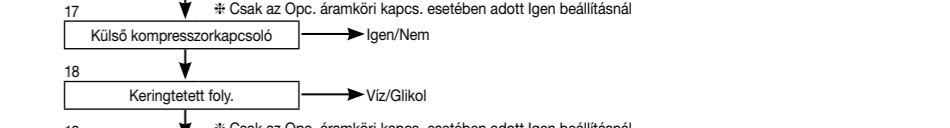
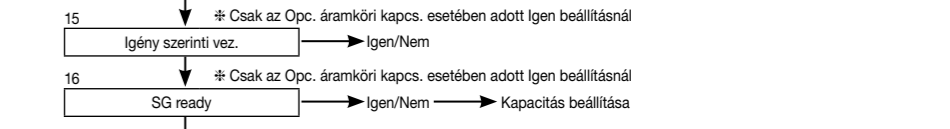
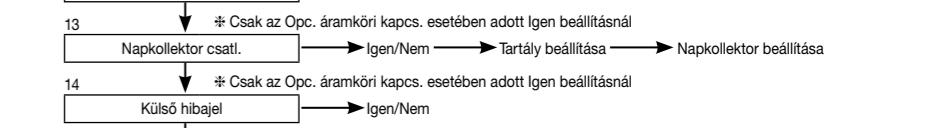
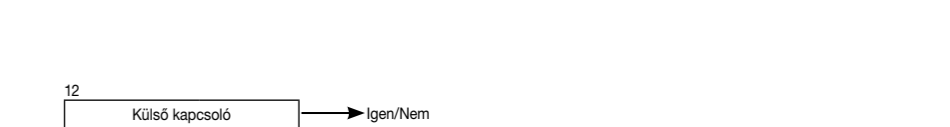
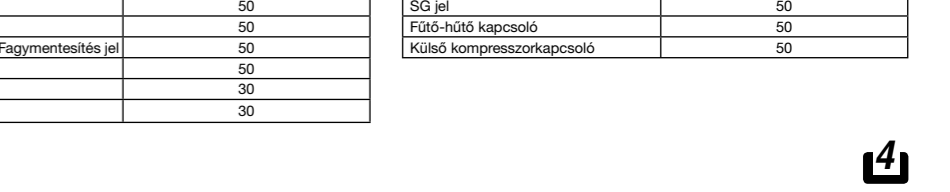
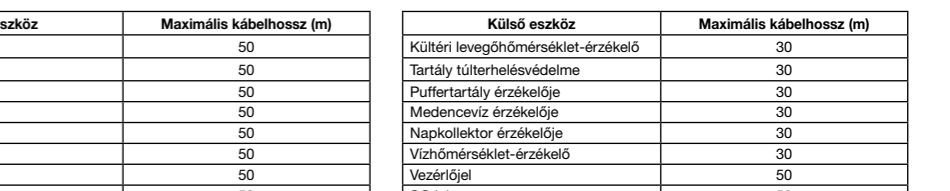
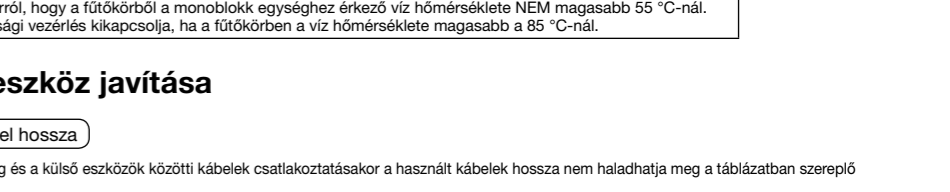
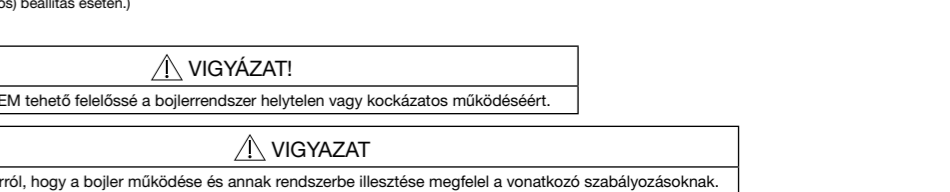
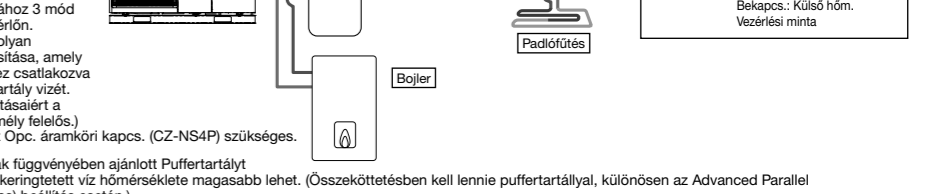
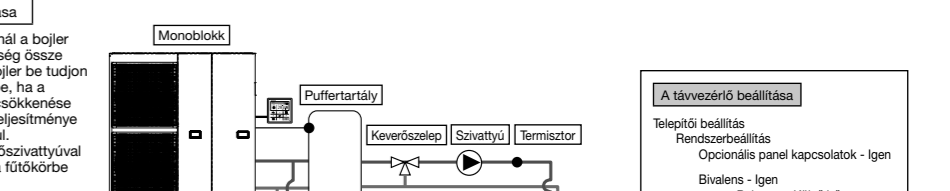
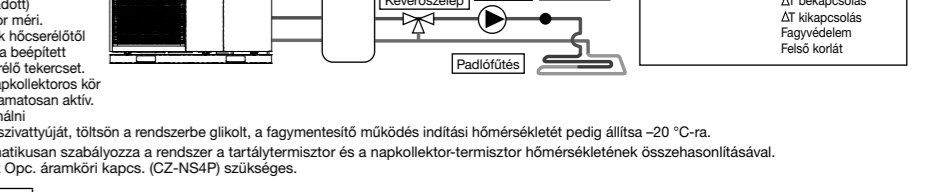
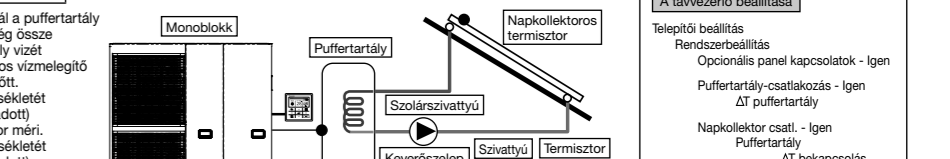
TELEPÍTÉSI ÚTMUTATÓ 2. Zónás rendszer (Puffer tároló + Radaktor)



TELEPÍTÉSI ÚTMUTATÓ 2. Zónás rendszer (Puffer tároló + Radaktor)



TELEPÍTÉSI ÚTMUTATÓ Puffer tároló + Napkollektor



Navodila za namestitev

MONOBLOK ENOTA TOPLLOTNE ČRPALKE ZRAK-VODA

WH-MXC09J3E5, WH-MXC12J6E5, WH-MXC09J3E8, WH-MXC12J9E8, WH-MXC16J9E8

1. Variacije sistema

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.

1.1 Uvod v aplikacije za nastavitev temperature

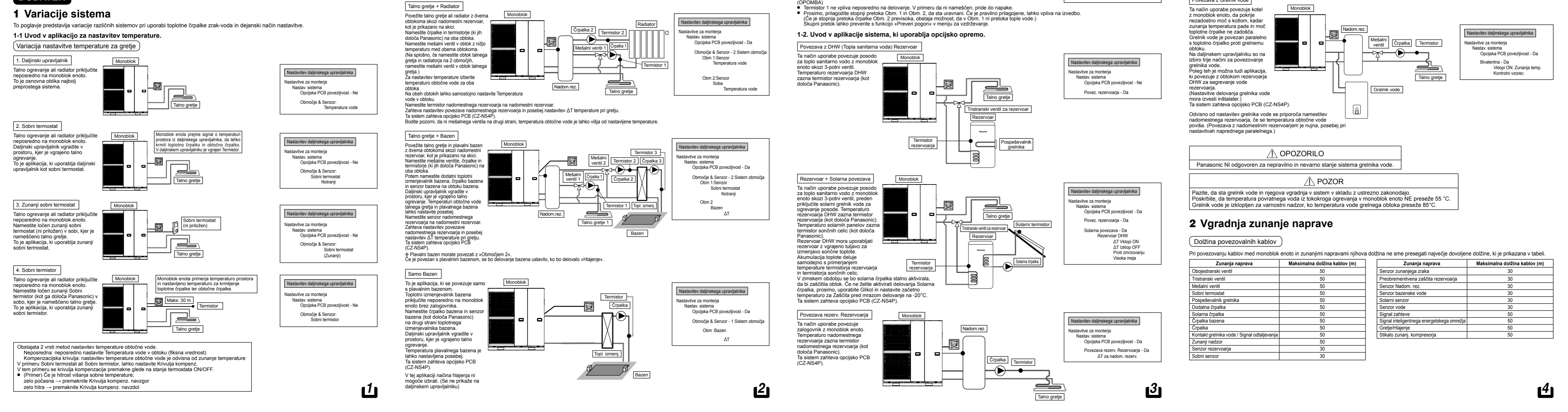
Variacije nastavilne temperature za grejalo

1. Dejanski uporabnik: Tano ogrevanje ali nastavitve priključne naprave, ki se uporabljajo neposredno na monoblok endo. To vključuje vsa naprave, ki so del preproste sistema.

2. Sobni termostat: Tano ogrevanje ali nastavitve priključne naprave, ki se uporabljajo neposredno na monoblok endo. To vključuje vsa naprave, ki so del preproste sistema.

3. Zunanji sobni termostat: Tano ogrevanje ali nastavitve priključne naprave, ki se uporabljajo neposredno na monoblok endo. To vključuje vsa naprave, ki so del preproste sistema.

4. Zunanji sobni termostat: Tano ogrevanje ali nastavitve priključne naprave, ki se uporabljajo neposredno na monoblok endo. To vključuje vsa naprave, ki so del preproste sistema.



2. Vgradnja zunanje naprave

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.

2.1 Uvod v aplikacije za nastavitev temperature

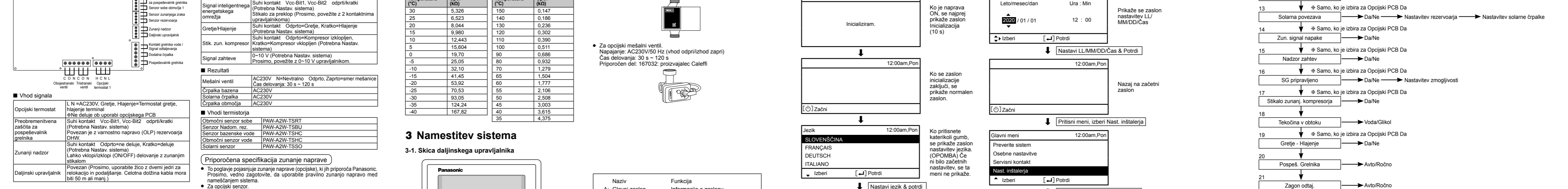
Variacije nastavilne temperature za grejalo

1. Dejanski uporabnik: Tano ogrevanje ali nastavitve priključne naprave, ki se uporabljajo neposredno na monoblok endo. To vključuje vsa naprave, ki so del preproste sistema.

2. Sobni termostat: Tano ogrevanje ali nastavitve priključne naprave, ki se uporabljajo neposredno na monoblok endo. To vključuje vsa naprave, ki so del preproste sistema.

3. Zunanji sobni termostat: Tano ogrevanje ali nastavitve priključne naprave, ki se uporabljajo neposredno na monoblok endo. To vključuje vsa naprave, ki so del preproste sistema.

4. Zunanji sobni termostat: Tano ogrevanje ali nastavitve priključne naprave, ki se uporabljajo neposredno na monoblok endo. To vključuje vsa naprave, ki so del preproste sistema.



3. Namestitev sistema

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.

3.1 Skica daljinskega upravljalnika

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.



4. Nastavitev sistema

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.

4.1. Opcija PCB povezljivost

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.



4.2. Odomnja & Senzor

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.



4.3. Zmogljivi grejnik

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.



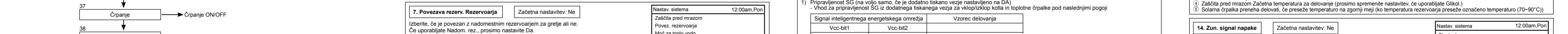
4.4. Zaščita pred mrazom

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.



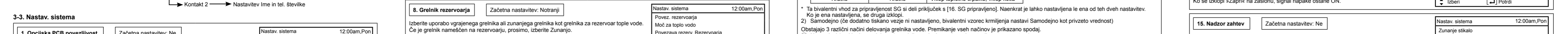
4.5. Povez. rezervoarja

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.



4.6. Zunanji sobni termostat

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.



4.7. Soba temperatura

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.



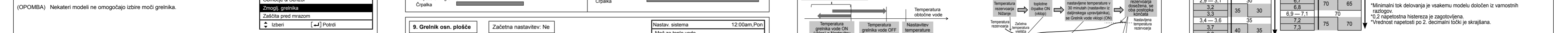
4.8. Soba temperatura

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.



4.9. Soba temperatura

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.



4.10. Soba temperatura

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.



4.11. Soba temperatura

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.



4.12. Soba temperatura

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.



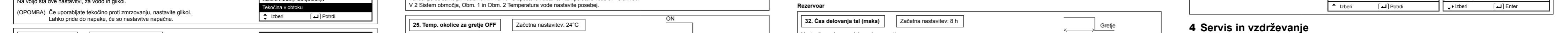
4.13. Soba temperatura

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.



4.14. Soba temperatura

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.



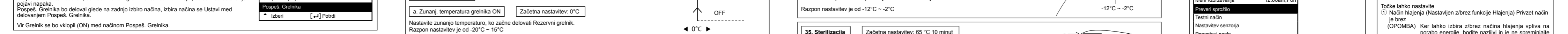
4.15. Soba temperatura

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.



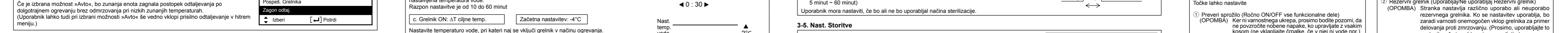
4.16. Soba temperatura

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.



4.17. Soba temperatura

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.



4.18. Soba temperatura

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.



4.19. Soba temperatura

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.



4.20. Soba temperatura

Podatke predstavlja različne različne sestave pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve.

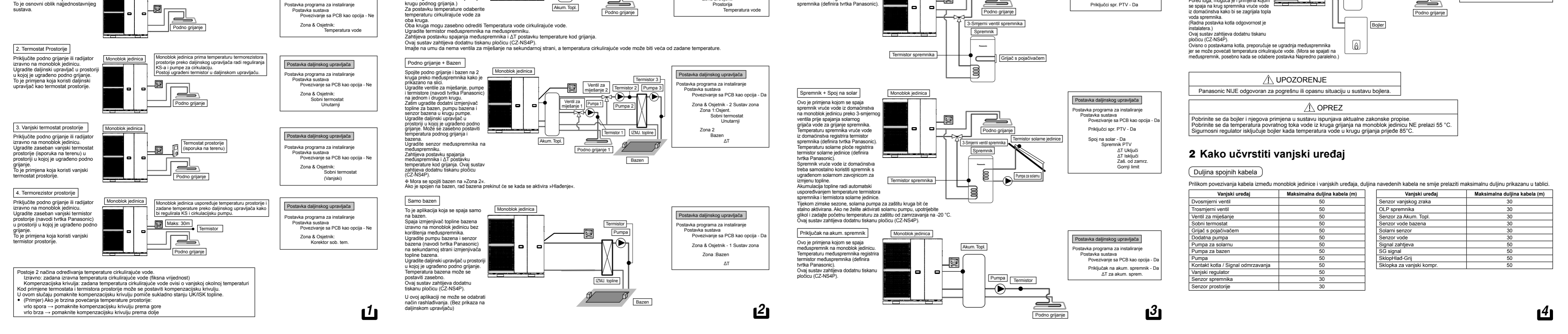


Priručnik za ugradnju MONOBLOK TOPLINSKA PUMPA ZRAK-VODA

WH-MXC09J3E5, WH-MXC12J6E5, WH-MXC09J3E8, WH-MXC12J9E8, WH-MXC16J9E8

1. Varijacija sustava

Ovi su dijelovi razlika u raznim sustavima korišćenj toplinsku pumpu zrak-voda i stvarni način postavljanja. 1.4. Pokretanje primjene povezani s postavljanjem temperature.



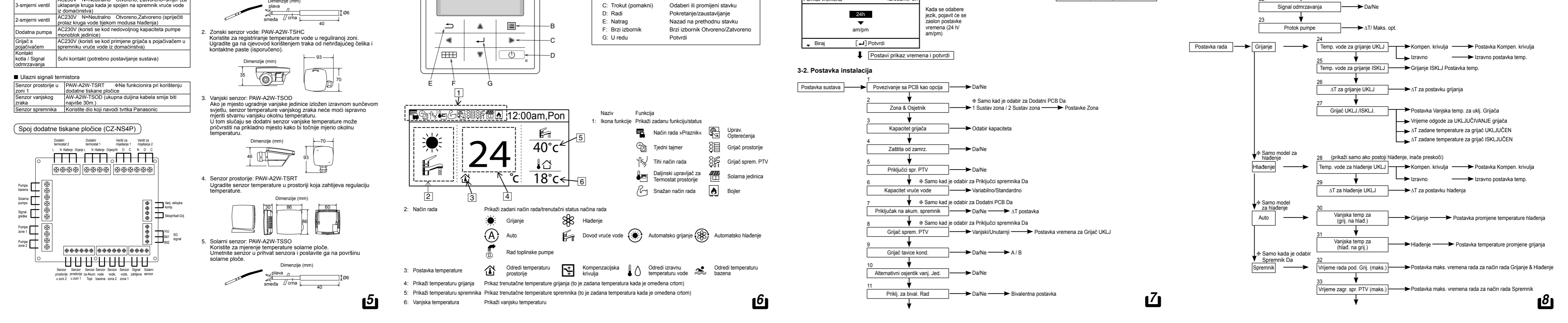
2. Kako učvrstiti vanjski uređaj

Duljina spojnih kabela. Prilikom postavljanja kabela između monobloka jedinice i vanjskih uređaja, duljina navedenih kabela ne smije preći maksimalnu duljinu prikazanu u tabeli.

Table with columns: Vanjski uređaj, Maksimalna duljina kabela (m), and Vanjski uređaj. Lists various external devices like sensors, pumps, and valves with their maximum cable lengths.

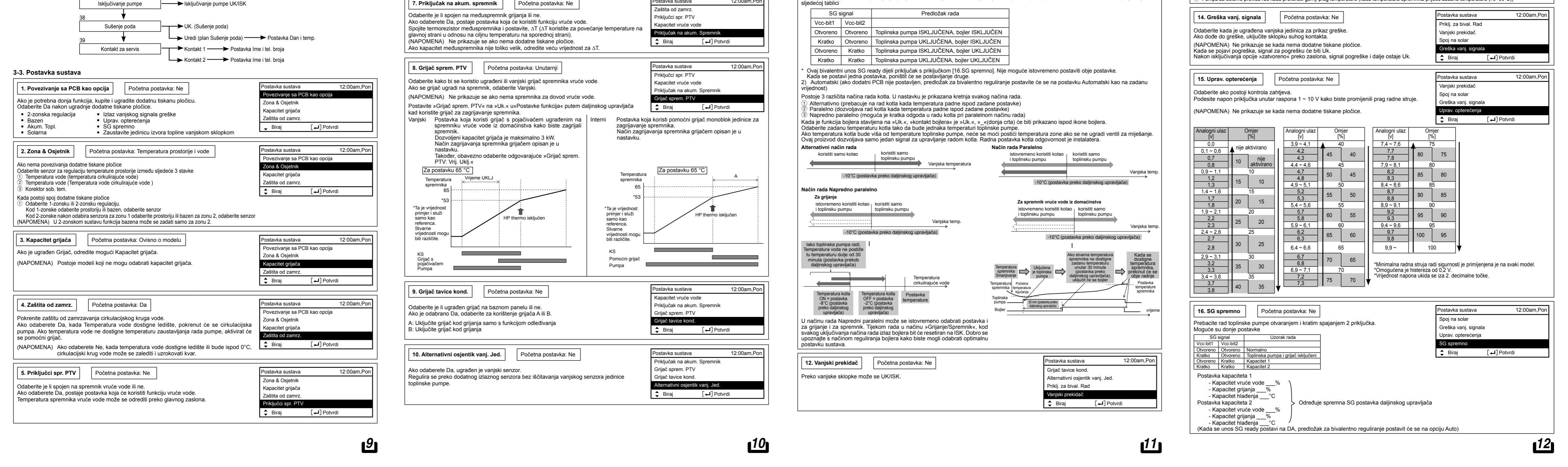
3. Instalacija sustava

3.1. Način daljinskog upravljanja. 3.2. Postavka instalacija. 3.3. Postavka instalacija. 3.4. Postavka instalacija.



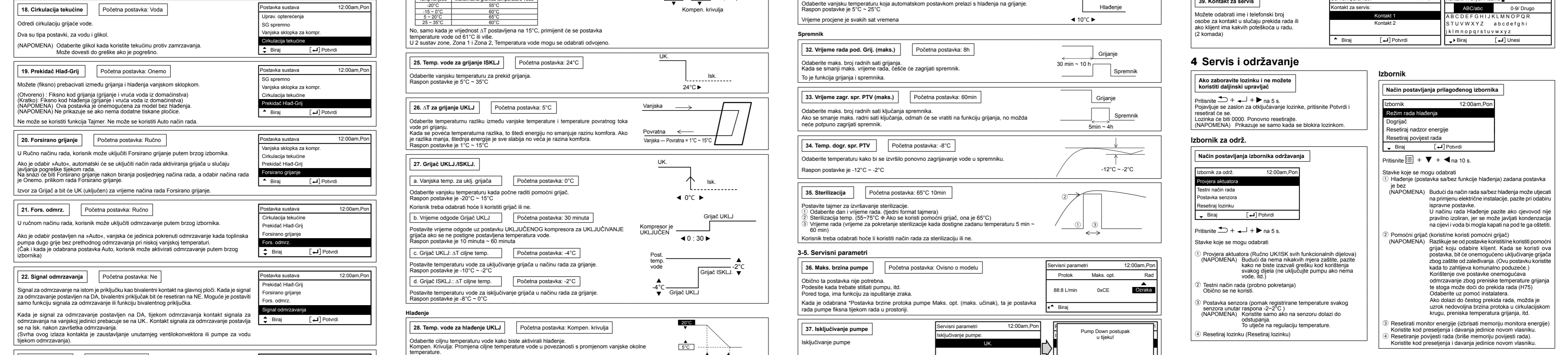
4. Postavka instalacija

4.1. Postavka instalacija. 4.2. Postavka instalacija. 4.3. Postavka instalacija. 4.4. Postavka instalacija.



5. Postavka instalacija

5.1. Postavka instalacija. 5.2. Postavka instalacija. 5.3. Postavka instalacija. 5.4. Postavka instalacija.

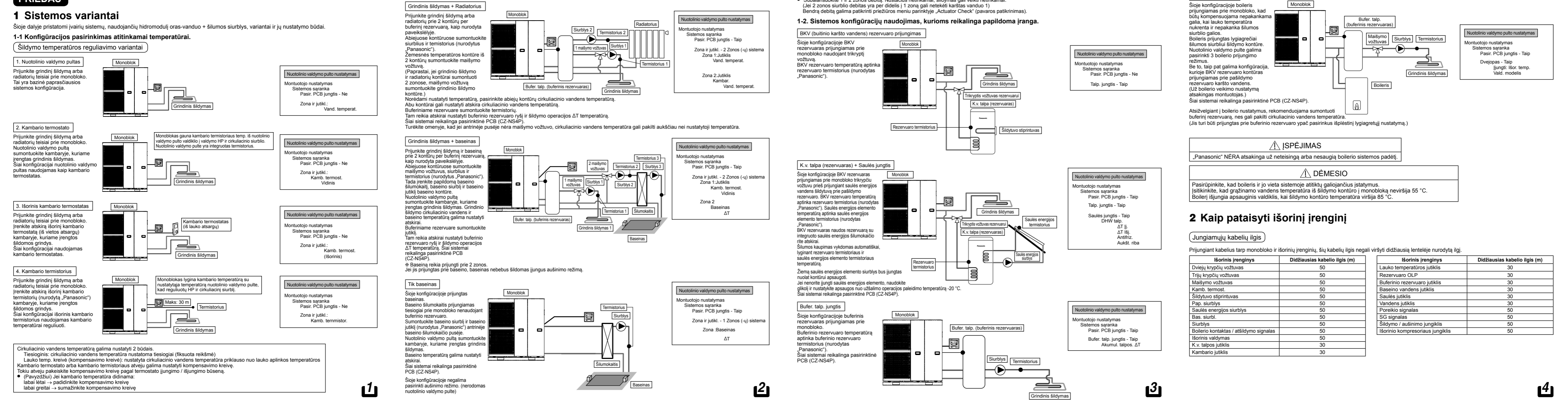


6. Servis i održavanje

6.1. Servis i održavanje. 6.2. Servis i održavanje. 6.3. Servis i održavanje. 6.4. Servis i održavanje.

Montavimo vadovas ORAS-VANDUO ŠILUMOS SIURBLIO „MONO BLOC“ WH-MXC09J3E5, WH-MXC12J6E5, WH-MXC09J3E8, WH-MXC12J9E8, WH-MXC16J9E8

PRIEDAS 1 Sistemos variantai Šiame skydelyje pateiktos sistemos, naudojantys hidromodulio oro vandens šilumos siurblius, variantai ir jų nustatymo būdai.



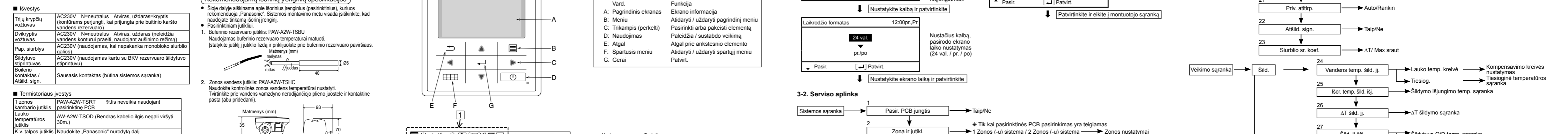
ĮSPĖJIMAS! „Panasonic“ NERAI atskaitingai už neteisingai ar neteisingai montuotą šilumos siurblio sistemą padėję.

DEMSIO! Pasiprieškite, kad boileris ir jo vieta atitiktų atitinkamus galiojančius įstatymus, ypač susijusius su šilumos siurblio montavimu ir eksploatacija.

2 Kaip patalpyti išorinį įrenginį Priešingai kabinti lauko modulių ir išorinių įrenginių, kai kabinti ligi negali viršyti didžiausio leidiamo masyvų ilgį.

Table with 4 columns: Išorinis įrenginys, Didžiausias kabelio ilgis (m), Lauko temperatūra jutiklis, Didžiausias kabelio ilgis (m)

Prilijungimas prie pagrindinės PCB Pasirinkite norimą funkciją, paspausdami atitinkamus mygtukus ant pagrindinės PCB.



3.1. Nuotolinio valdymo pultų apžvalga Pultas su LCD ekranu ir funkcijomis: A. Pagrindinis ekranas, B. Mėnuo, C. Tikslumas (perkelti), D. Naujienos, E. Atgal, F. Spalvotas meniu, G. Gerai.



3.2. Serviso aplinka Sistemos sąranka: 1. Pasir. PCB jungtis, 2. Zona ir jutklis, 3. El. šildymo galia, 4. Ant užtal., 5. Taip, jungtis, 6. Difer. padg., 7. Buter tap. jungtis, 8. Boiler. el. šildytuv., 9. Bazinis šild., 10. Altern. šilumos jutklis, 11. Bivalent. jungtis.

3.3. Sistemos sąranka 1. Pasir. PCB jungtis, 2. Zona ir jutklis, 3. El. šildymo galia, 4. Ant užtal., 5. Taip, jungtis, 6. Difer. padg., 7. Buter tap. jungtis, 8. Boiler. el. šildytuv., 9. Bazinis šild., 10. Altern. šilumos jutklis, 11. Bivalent. jungtis.

3.4. Veikimo sąranka Šild. 24. Vandens temp. šild. 40. Lauko temp. kyla. 31. Išor. temp. (leid. iki šald.). 32. Šilumos režimo trukmė. 33. Šilumos režimo trukmė. 34. Išor. temp. (įgijumai).

3.5. Sistemos sąranka 1. Pasir. PCB jungtis, 2. Zona ir jutklis, 3. El. šildymo galia, 4. Ant užtal., 5. Taip, jungtis, 6. Difer. padg., 7. Buter tap. jungtis, 8. Boiler. el. šildytuv., 9. Bazinis šild., 10. Altern. šilumos jutklis, 11. Bivalent. jungtis.

3.6. Serviso aplinka Sistemos sąranka: 1. Pasir. PCB jungtis, 2. Zona ir jutklis, 3. El. šildymo galia, 4. Ant užtal., 5. Taip, jungtis, 6. Difer. padg., 7. Buter tap. jungtis, 8. Boiler. el. šildytuv., 9. Bazinis šild., 10. Altern. šilumos jutklis, 11. Bivalent. jungtis.

3.7. Išor. kompres. SW Pirminis nustatymas: Ne. Nustatykite, jei prietaisas išorinio kompresoriaus SW. Pasirinkite, ar naudoti išorinio kompresoriaus SW.

3.8. Grind. dšiv. Be to, patalpa turi būti izoliuota. Nustatykite, ar grindys šildyti. Pasirinkite, ar naudoti išorinio kompresoriaus SW.

3.9. Boiler. el. šildytuv. Pirminis nustatymas: Vėdin. Pasirinkite, ar naudoti išorinio kompresoriaus SW. Pasirinkite, ar naudoti išorinio kompresoriaus SW.

3.10. Altern. šilumos jutklis. Pirminis nustatymas: Ne. Nustatykite, jei prietaisas turi alternatyvų šilumos jutklį. Pasirinkite, ar naudoti išorinio kompresoriaus SW.

3.11. Išor. temp. (leid. iki šald.). Pirminis nustatymas: 15°C. Nustatykite, ar naudoti išorinio kompresoriaus SW. Pasirinkite, ar naudoti išorinio kompresoriaus SW.

3.12. Šilumos režimo trukmė. Pirminis nustatymas: 60 min. Nustatykite, ar naudoti išorinio kompresoriaus SW. Pasirinkite, ar naudoti išorinio kompresoriaus SW.

3.13. Išor. temp. (įgijumai). Pirminis nustatymas: -8°C. Nustatykite, ar naudoti išorinio kompresoriaus SW. Pasirinkite, ar naudoti išorinio kompresoriaus SW.

3.14. Išor. temp. (įgijumai). Pirminis nustatymas: -8°C. Nustatykite, ar naudoti išorinio kompresoriaus SW. Pasirinkite, ar naudoti išorinio kompresoriaus SW.

3.15. Išor. temp. (leid. iki šald.). Pirminis nustatymas: 10°C. Nustatykite, ar naudoti išorinio kompresoriaus SW. Pasirinkite, ar naudoti išorinio kompresoriaus SW.

3.16. Išor. temp. (įgijumai). Pirminis nustatymas: -8°C. Nustatykite, ar naudoti išorinio kompresoriaus SW. Pasirinkite, ar naudoti išorinio kompresoriaus SW.

3.17. Šilumos režimo trukmė. Pirminis nustatymas: 60 min. Nustatykite, ar naudoti išorinio kompresoriaus SW. Pasirinkite, ar naudoti išorinio kompresoriaus SW.

3.18. Išor. temp. (įgijumai). Pirminis nustatymas: -8°C. Nustatykite, ar naudoti išorinio kompresoriaus SW. Pasirinkite, ar naudoti išorinio kompresoriaus SW.

3.19. Išor. temp. (leid. iki šald.). Pirminis nustatymas: 10°C. Nustatykite, ar naudoti išorinio kompresoriaus SW. Pasirinkite, ar naudoti išorinio kompresoriaus SW.

3.20. Išor. temp. (įgijumai). Pirminis nustatymas: -8°C. Nustatykite, ar naudoti išorinio kompresoriaus SW. Pasirinkite, ar naudoti išorinio kompresoriaus SW.

3.21. Išor. temp. (įgijumai). Pirminis nustatymas: -8°C. Nustatykite, ar naudoti išorinio kompresoriaus SW. Pasirinkite, ar naudoti išorinio kompresoriaus SW.

3.22. Išor. temp. (leid. iki šald.). Pirminis nustatymas: 10°C. Nustatykite, ar naudoti išorinio kompresoriaus SW. Pasirinkite, ar naudoti išorinio kompresoriaus SW.

3.23. Išor. temp. (įgijumai). Pirminis nustatymas: -8°C. Nustatykite, ar naudoti išorinio kompresoriaus SW. Pasirinkite, ar naudoti išorinio kompresoriaus SW.

3.24. Išor. temp. (leid. iki šald.). Pirminis nustatymas: 10°C. Nustatykite, ar naudoti išorinio kompresoriaus SW. Pasirinkite, ar naudoti išorinio kompresoriaus SW.

3.25. Išor. temp. (įgijumai). Pirminis nustatymas: -8°C. Nustatykite, ar naudoti išorinio kompresoriaus SW. Pasirinkite, ar naudoti išorinio kompresoriaus SW.

3.26. Išor. temp. (leid. iki šald.). Pirminis nustatymas: 10°C. Nustatykite, ar naudoti išorinio kompresoriaus SW. Pasirinkite, ar naudoti išorinio kompresoriaus SW.