

Installation Manual AIR-TO-WATER HEATPUMP MONO BLOC WH-MDC05J3E5, WH-MDC07J3E5, WH-MDC09J3E5

APPENDIX 1 Variation of system This section introduces variation of various systems using Air-To-Water Heatpump and actual setting method.

1-1 Introduction application related to temperature setting. 1. Remote Controller, 2. Room Thermostat, 3. External Room Thermostat, 4. Room Thermostat. Includes diagrams and tables for sensor characteristics.

2 How to fix external device. Connecting Cables Length table. 2-1 Introduce applications of system that uses optional equipment. 2-2. Installer Setup. Includes flowcharts and diagrams for various system configurations.

3 System installation. 3-1 Remote Controller Outline. Includes diagrams for main PCB connection, optional PCB (CZ-NS4P), and thermostat connections.

3-2. Installer Setup. Includes diagrams for main PCB connection, optional PCB (CZ-NS4P), and thermostat connections.

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, 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 Heater, 21. Force Defrost, 22. Defrost signal, 23. Pump flowrate, 24. Water temp. for heating ON, 25. Outdoor temp. for heating OFF, 26. AT for heating ON, 27. Heater ON/OFF, 28. Display only if Cool, etc. or skip, 29. AT for cooling ON, 30. Outdoor temp. for cooling ON, 31. Outdoor temp. for cooling OFF, 32. AT for cooling setup, 33. Tank heat up time (max.), 34. Tank re-heat temp., 35. Sterilization, 36. Pump maximum speed, 37. Pump down, 38. Pump down ON/OFF, 39. Dry concrete, 40. Day and night schedule, 41. Name and Tel No. setup.

34. Water temp. for heating ON, 35. Outdoor temp. for heating OFF, 36. AT for heating ON, 37. Heater ON/OFF, 38. Display only if Cool, etc. or skip, 39. AT for cooling ON, 40. Outdoor temp. for cooling ON, 41. Outdoor temp. for cooling OFF, 42. AT for cooling setup, 43. Tank heat up time (max.), 44. Tank re-heat temp., 45. Sterilization, 46. Pump maximum speed, 47. Pump down, 48. Pump down ON/OFF, 49. Dry concrete, 50. Day and night schedule, 51. Name and Tel No. setup.

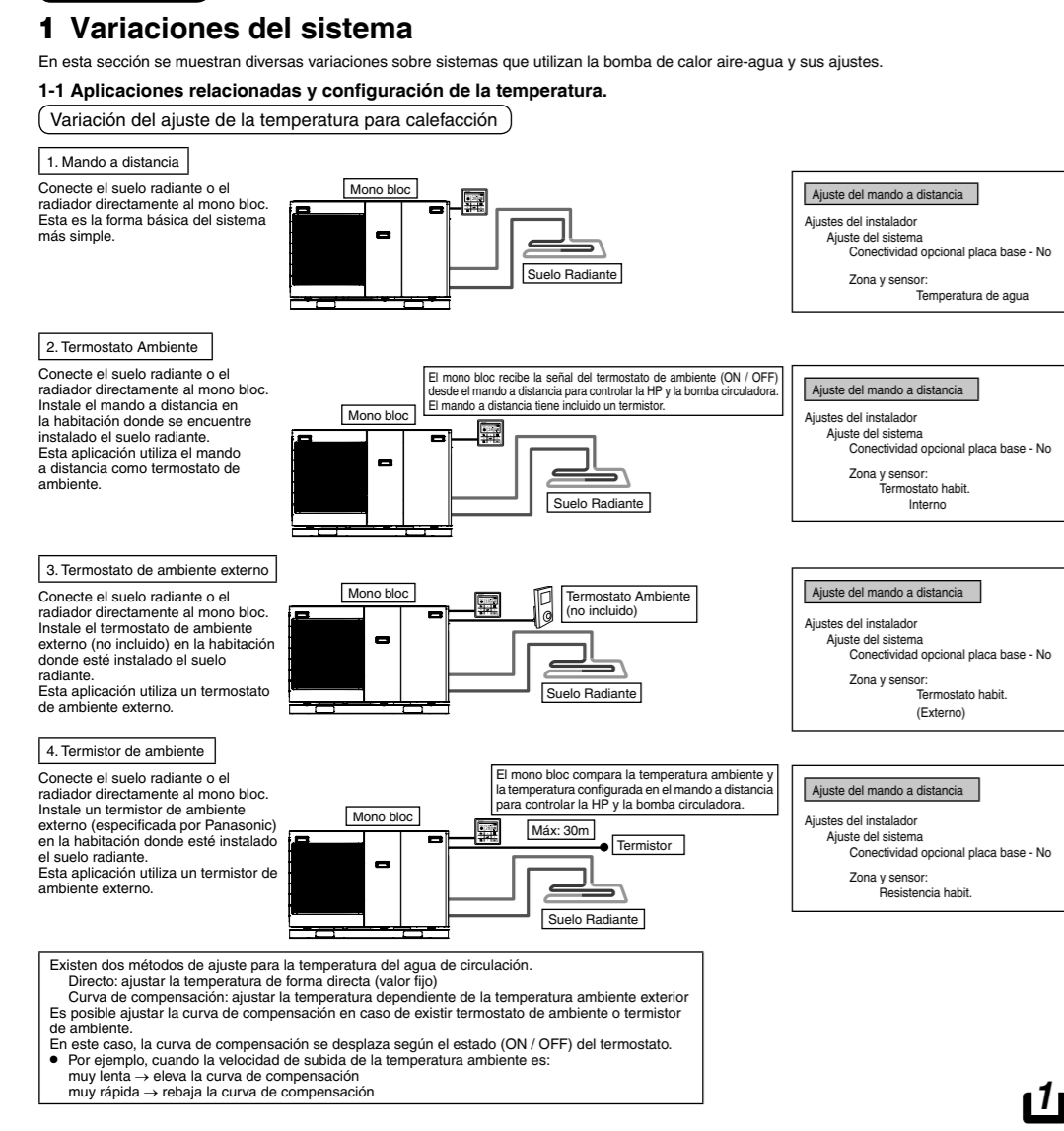
35. Sterilization, 36. Pump maximum speed, 37. Pump down, 38. Pump down ON/OFF, 39. Dry concrete, 40. Day and night schedule, 41. Name and Tel No. setup.

4 Service and maintenance. 4-1. If forget Password and cannot remote controller. 4-2. Maintenance menu. 4-3. Custom menu. Includes diagrams and text for service procedures.

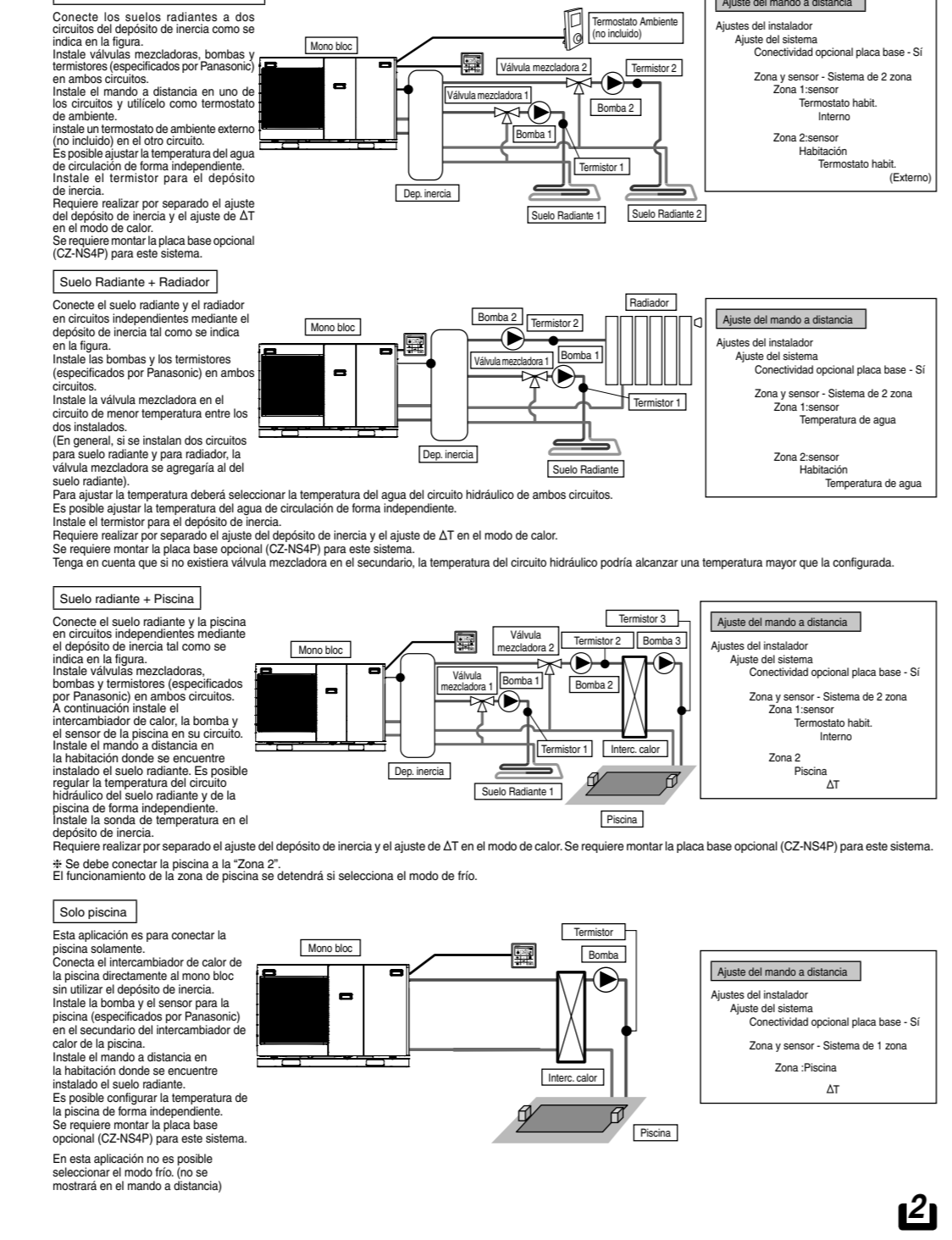
4-4. Maintenance menu. 4-5. Custom menu. Includes diagrams and text for service procedures.

Manual de instalación BOMBA DE CALOR AIRE-AGUA MONO BLOC

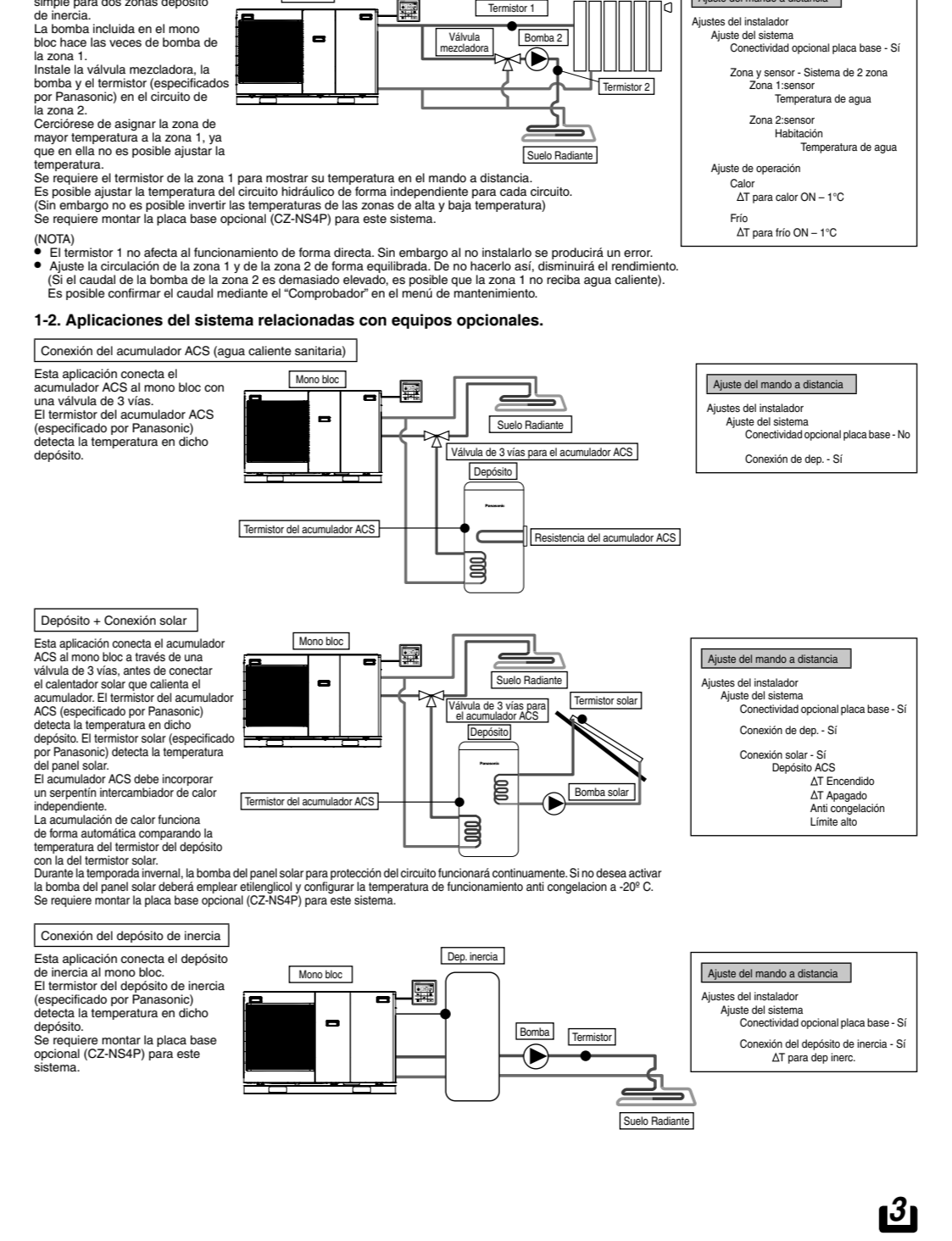
APÉNDICE 1 Variaciones del sistema



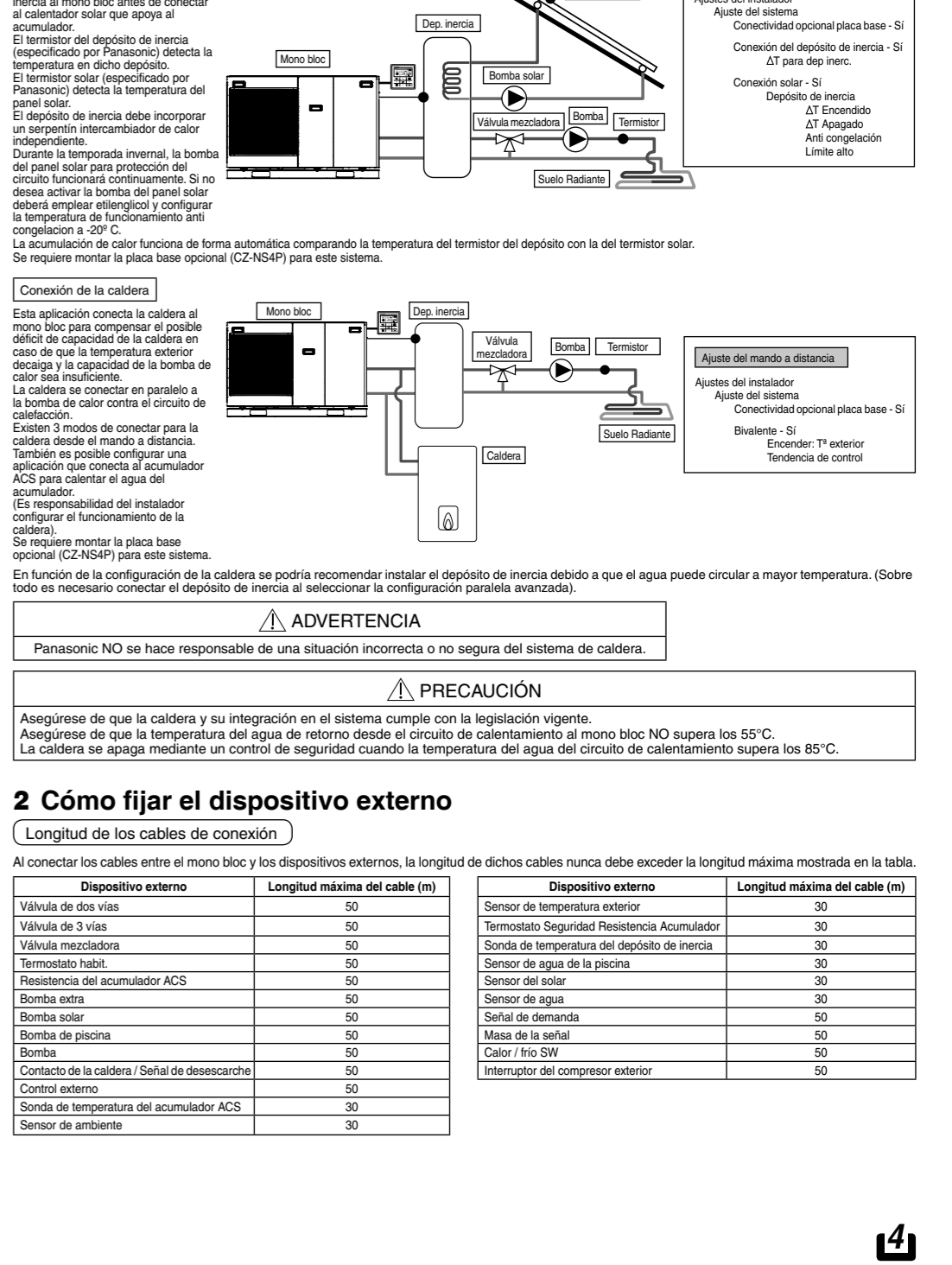
Modelos de Instalaciones



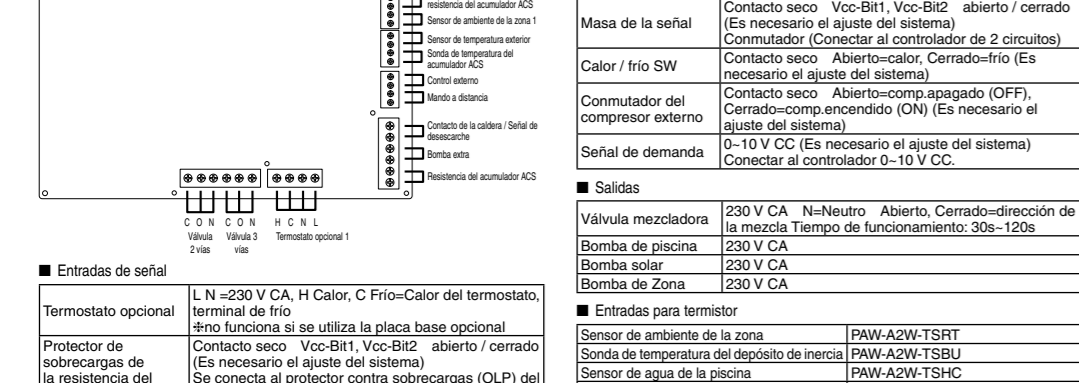
Deposito de inercia - Solar



Deposito de inercia - Solar



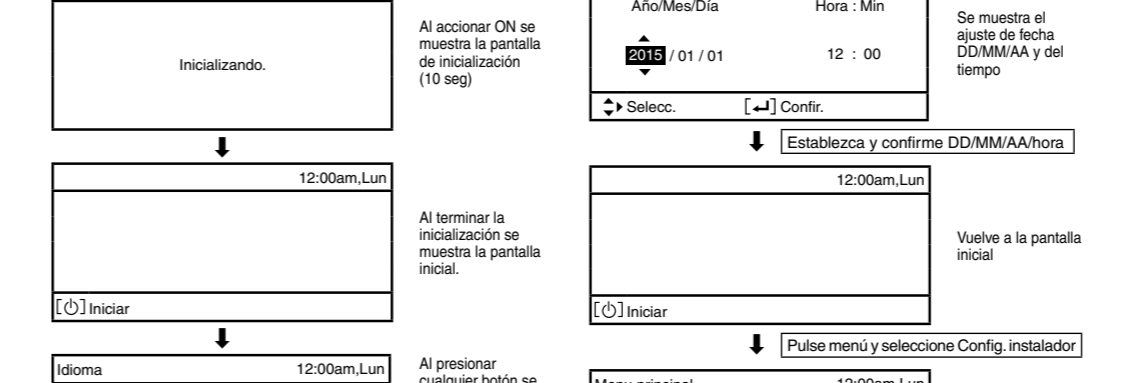
Conexiones de la tarjeta PCB principal



Para ver las características de los sensores...

Table with 4 columns: Temperatura (°C), Resistencia (kΩ), Temperatura (°C), Resistencia (kΩ). Lists resistance values for different temperatures.

Hora de la puesta en marcha inicial

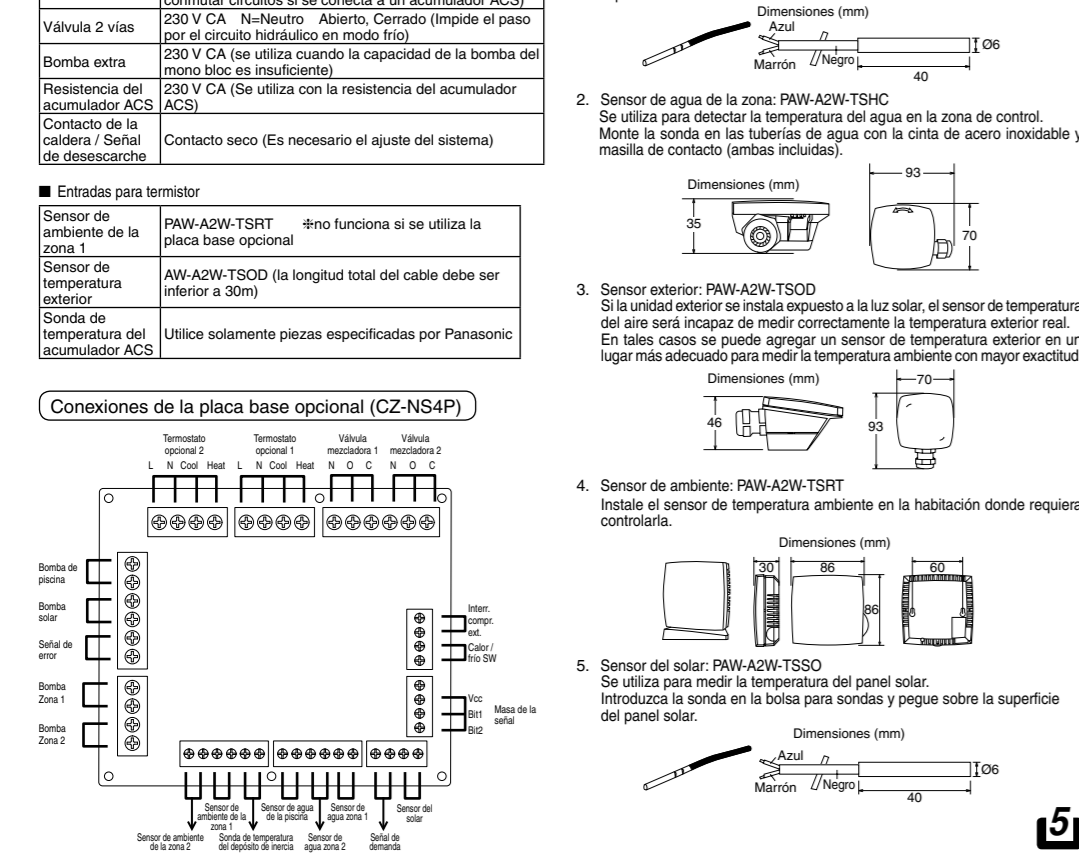


PRECAUCIÓN

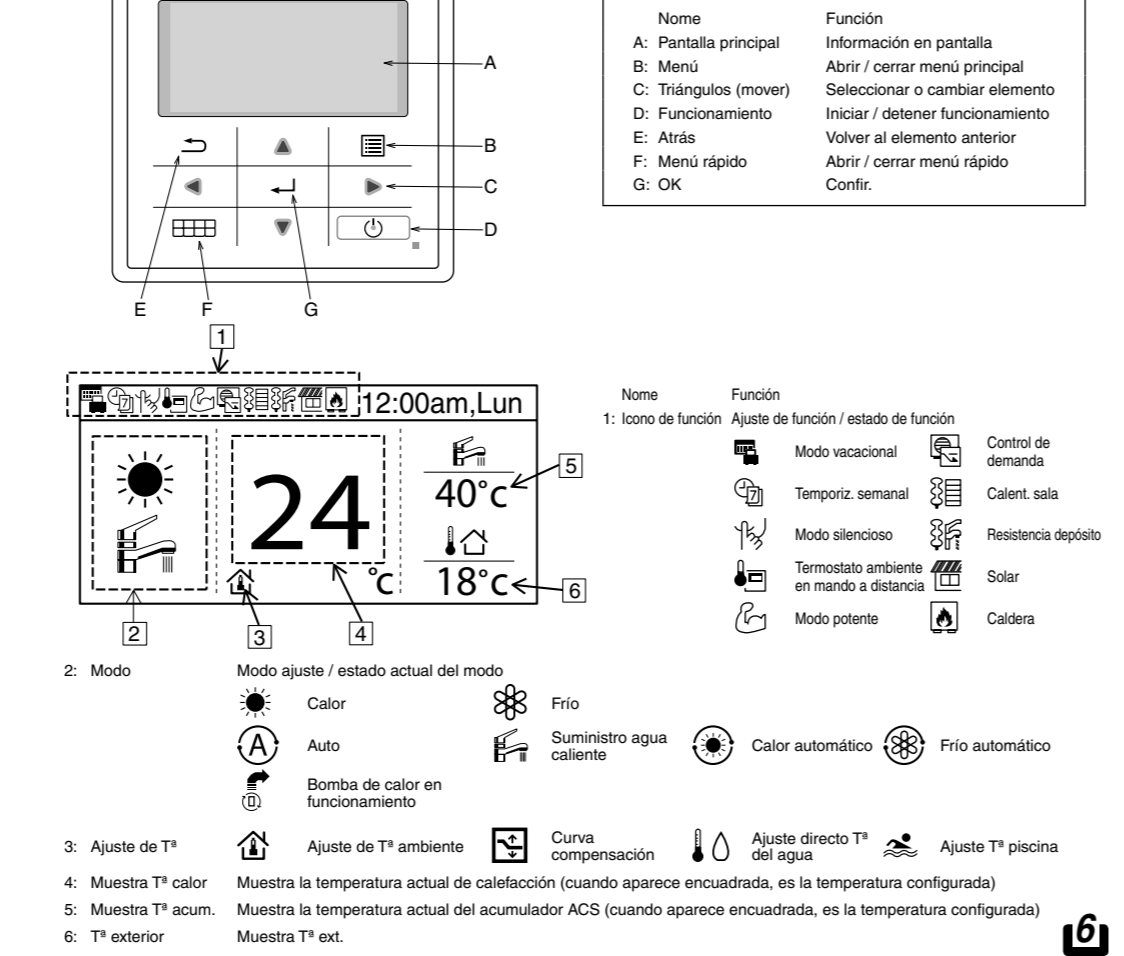
PRECAUCIÓN. Asegure que la temperatura del agua de retorno desde el circuito de calentamiento... No se debe conectar el depósito de inercia...

3 Instalación del sistema

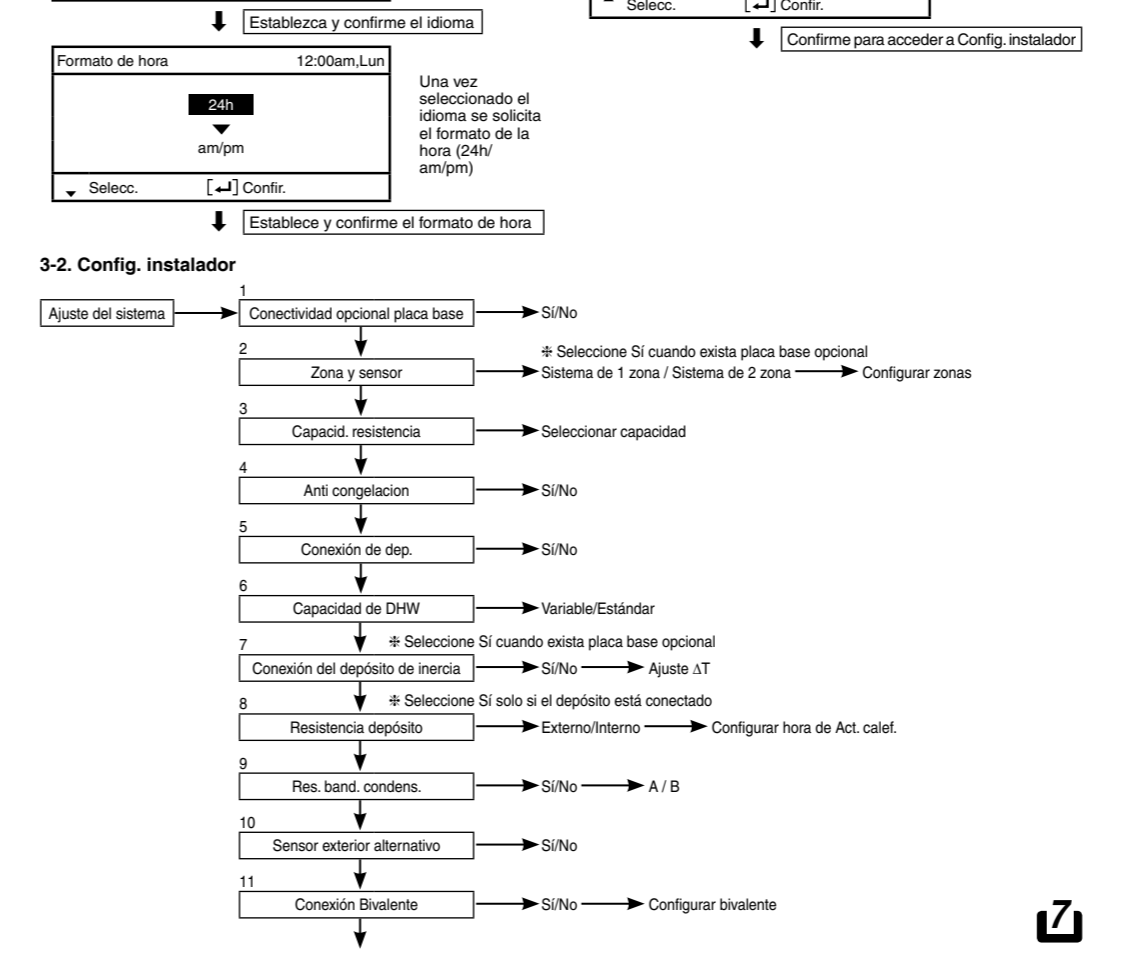
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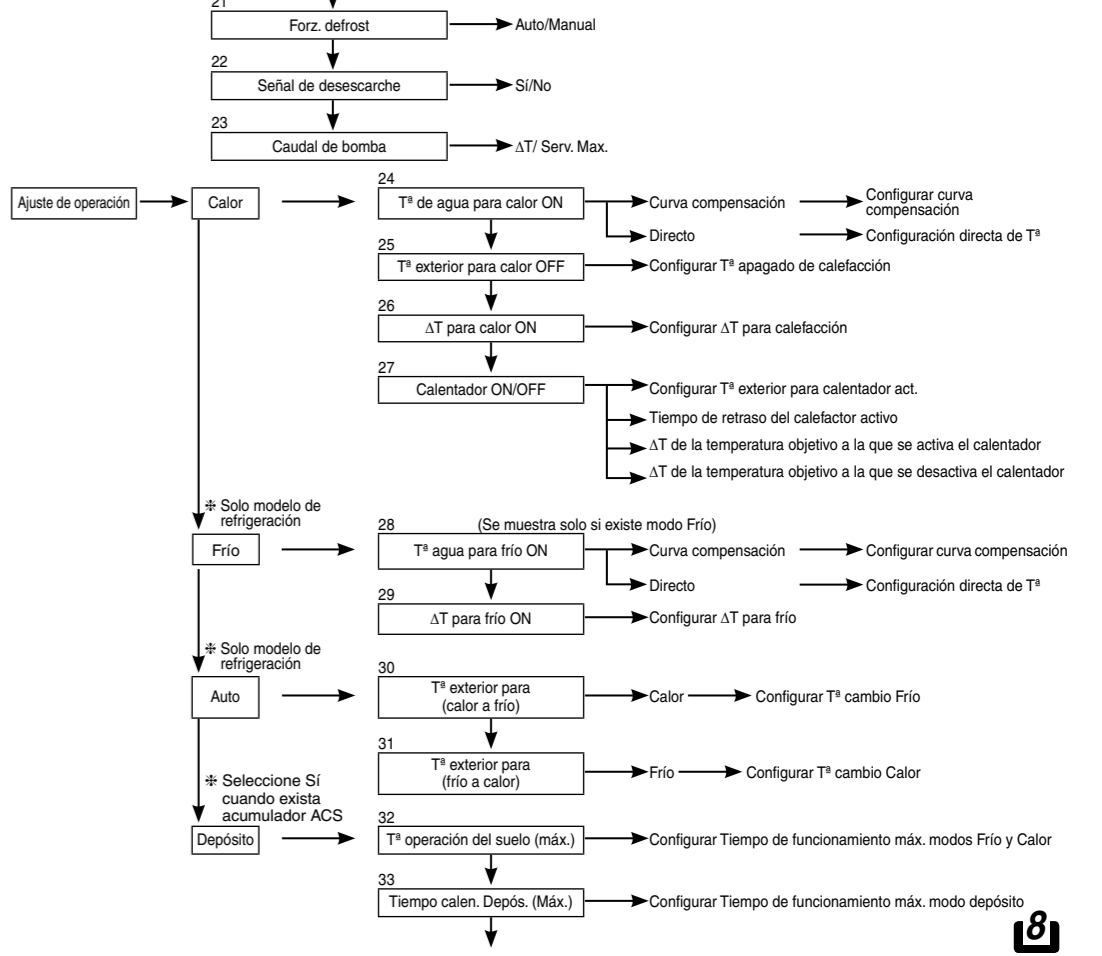
3-2. Config. instalador



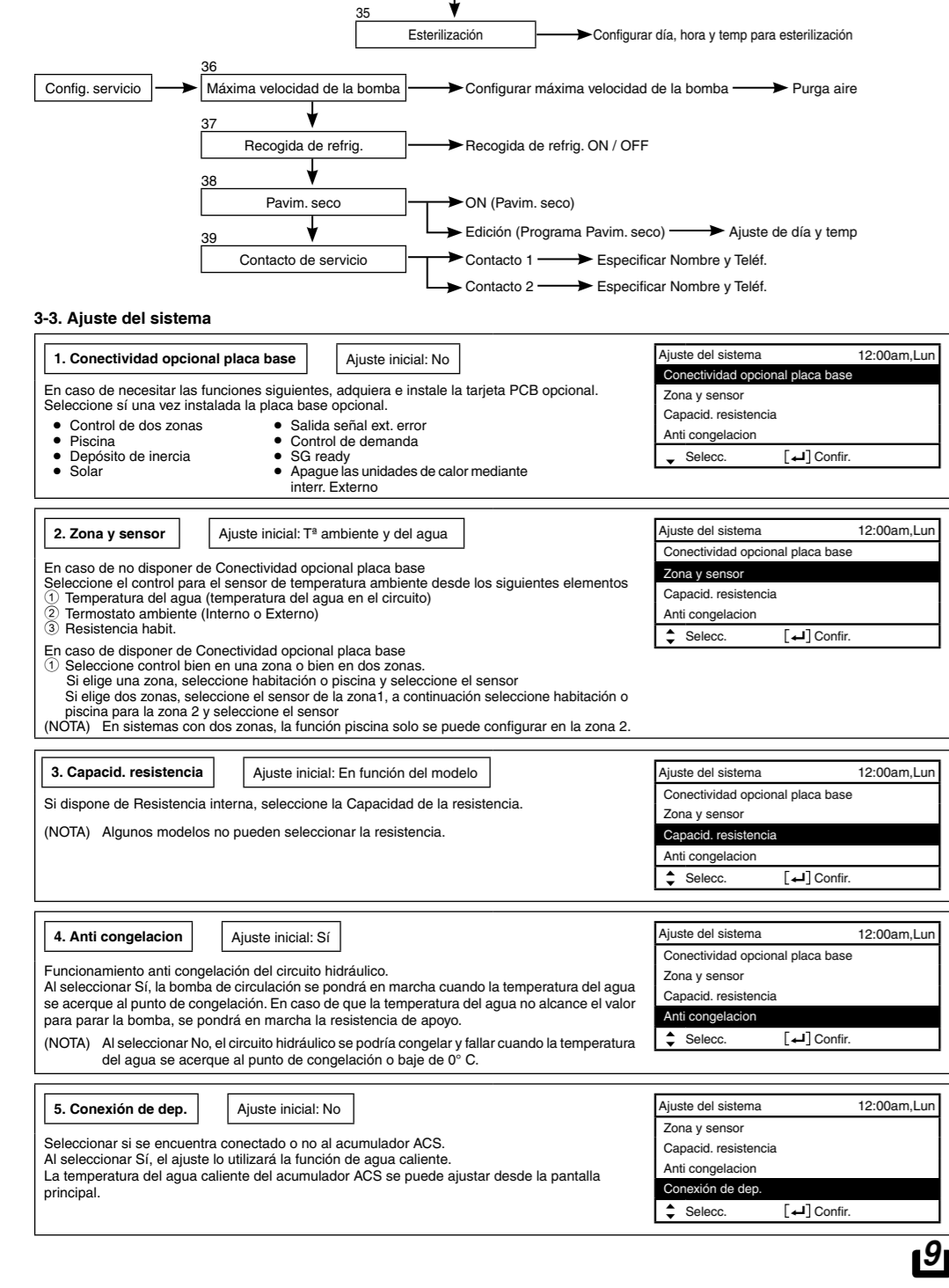
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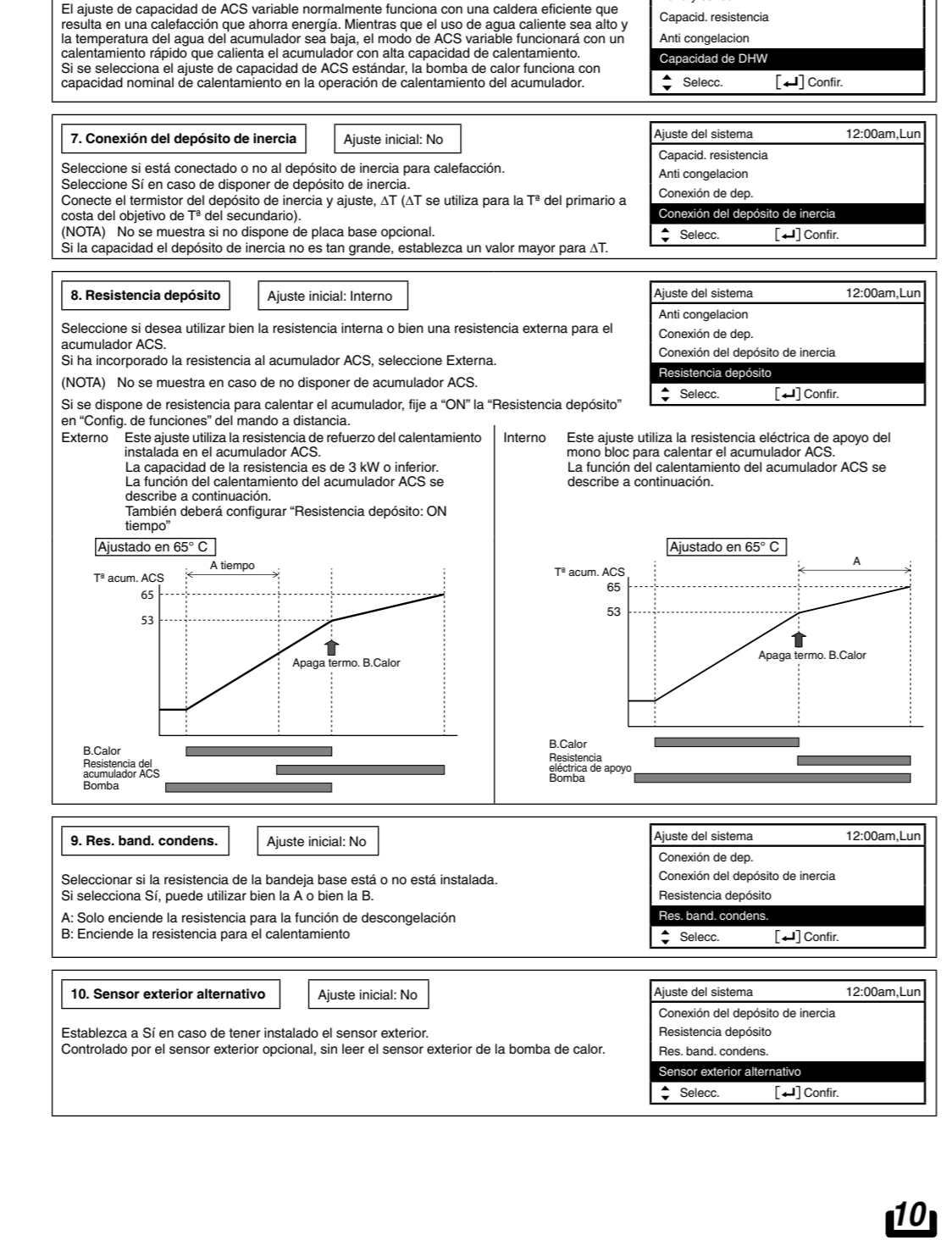
13. Conexión solar



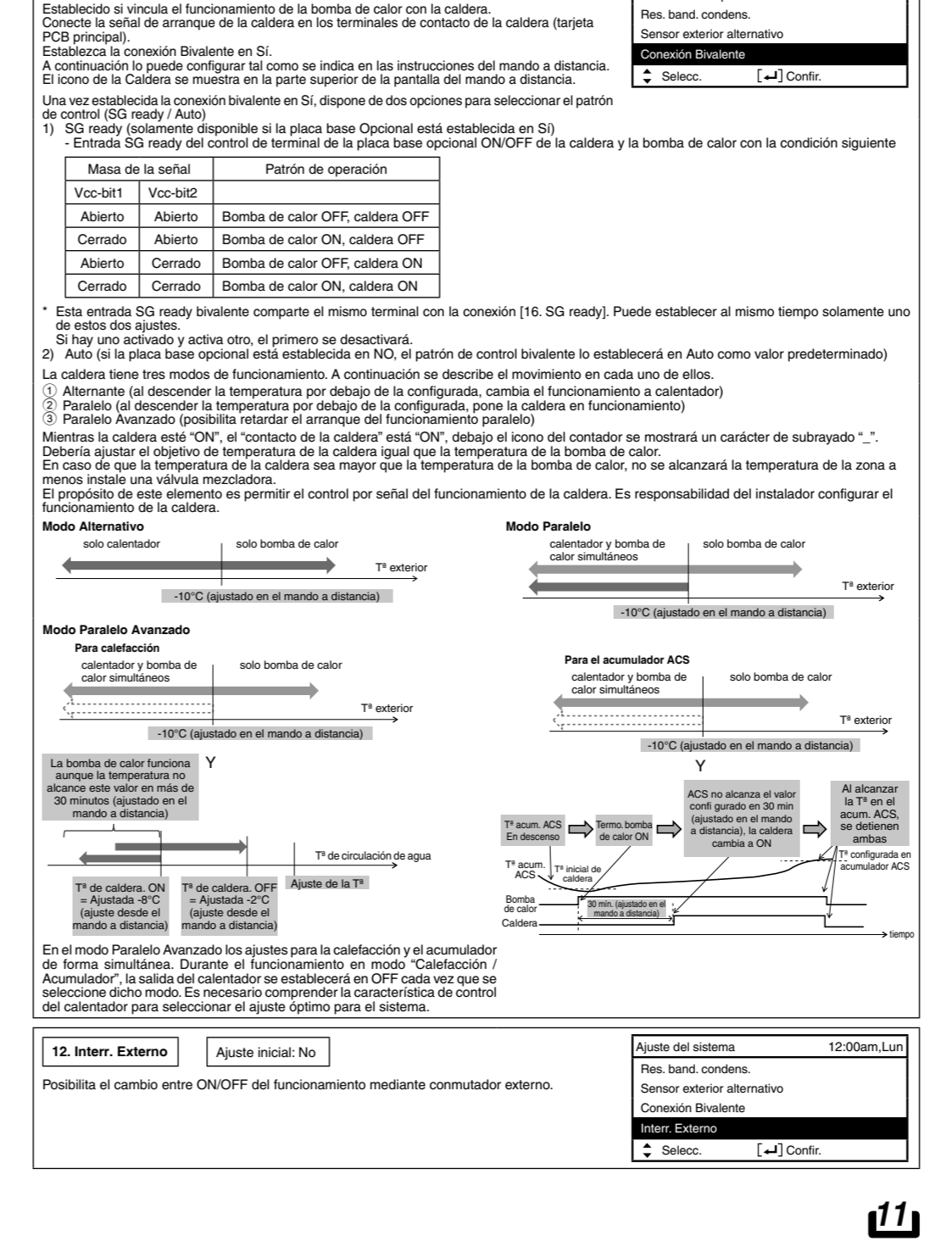
3-3. Ajuste del sistema



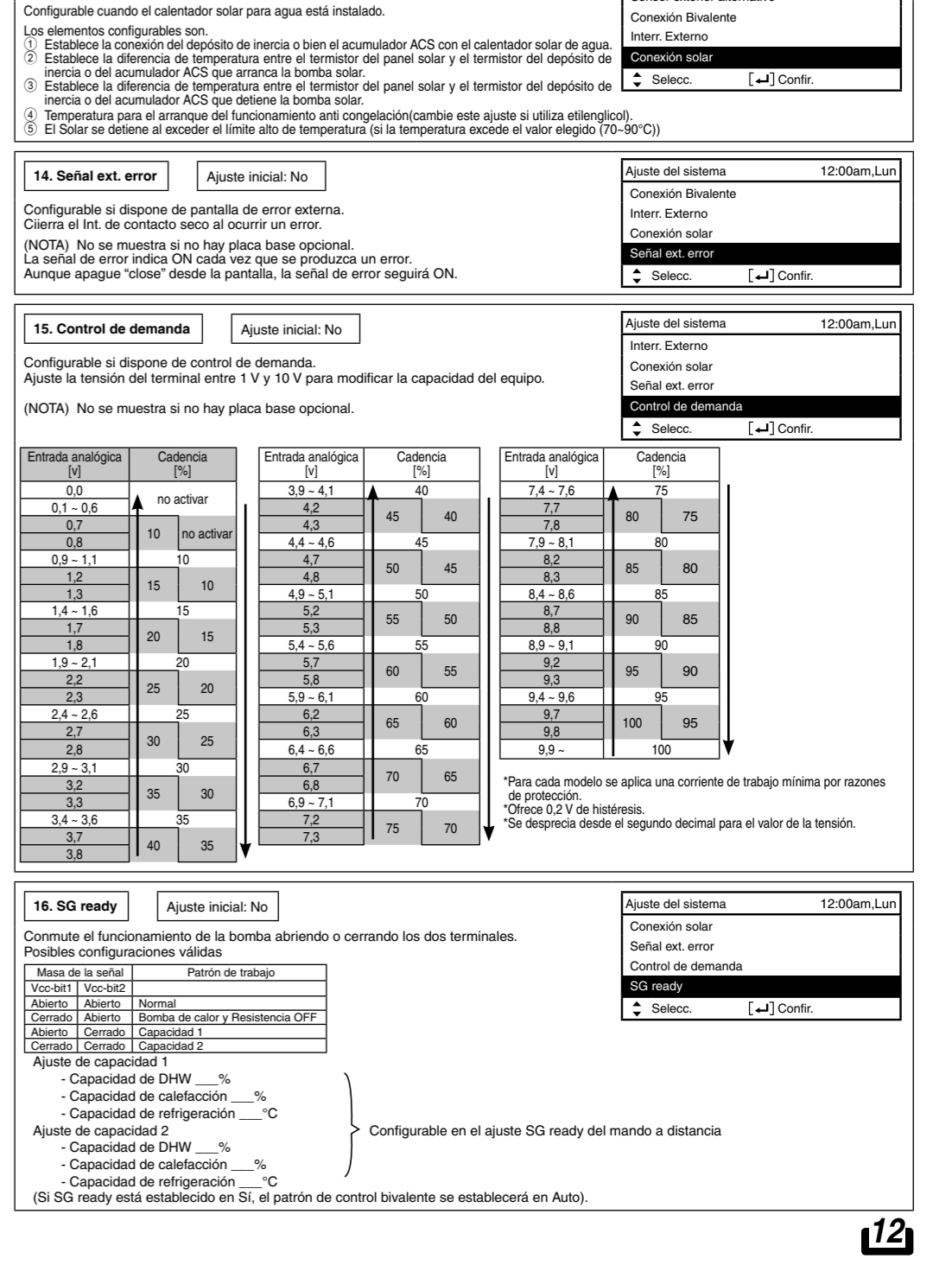
4 Capacidad de DHW



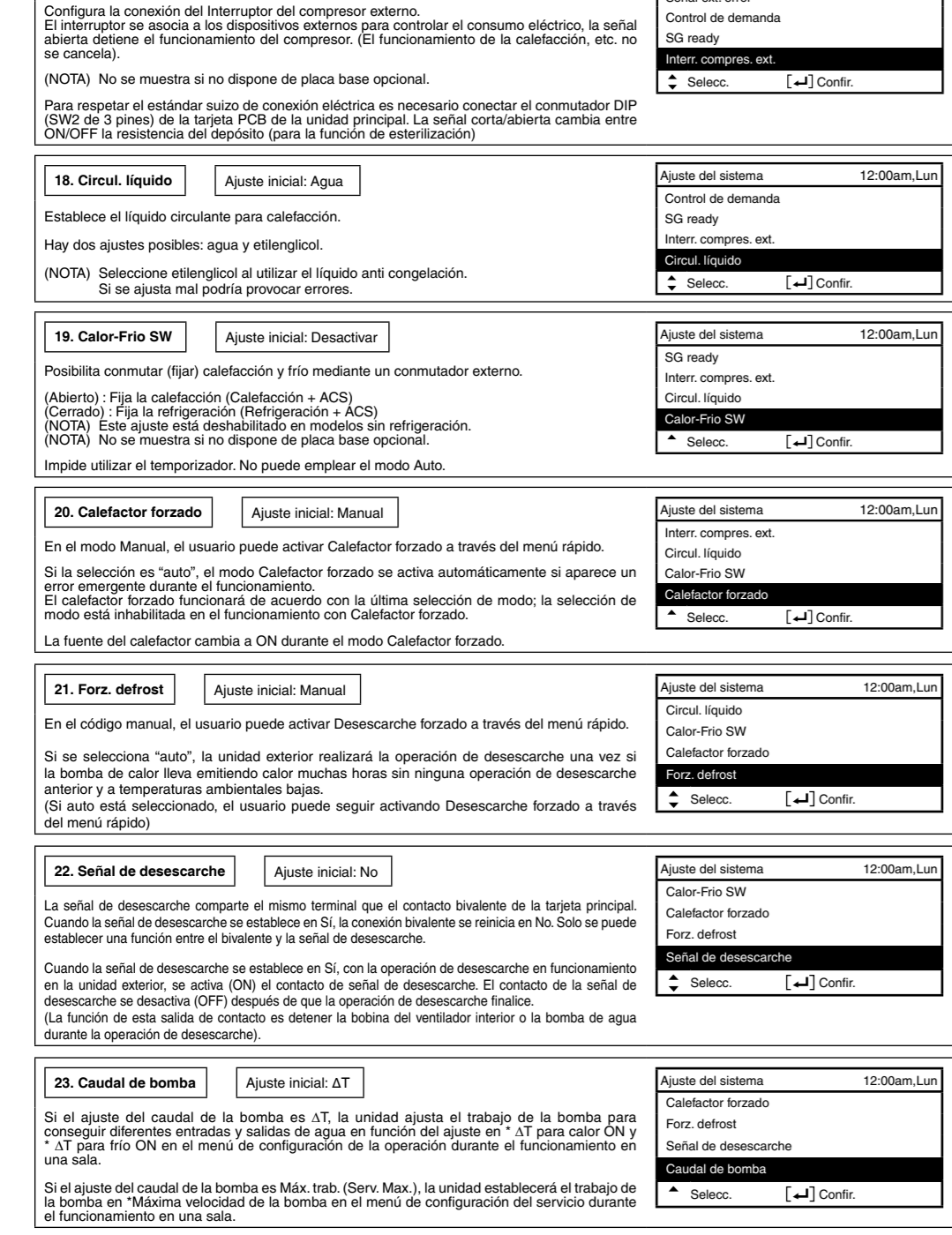
12. Interr. Externo



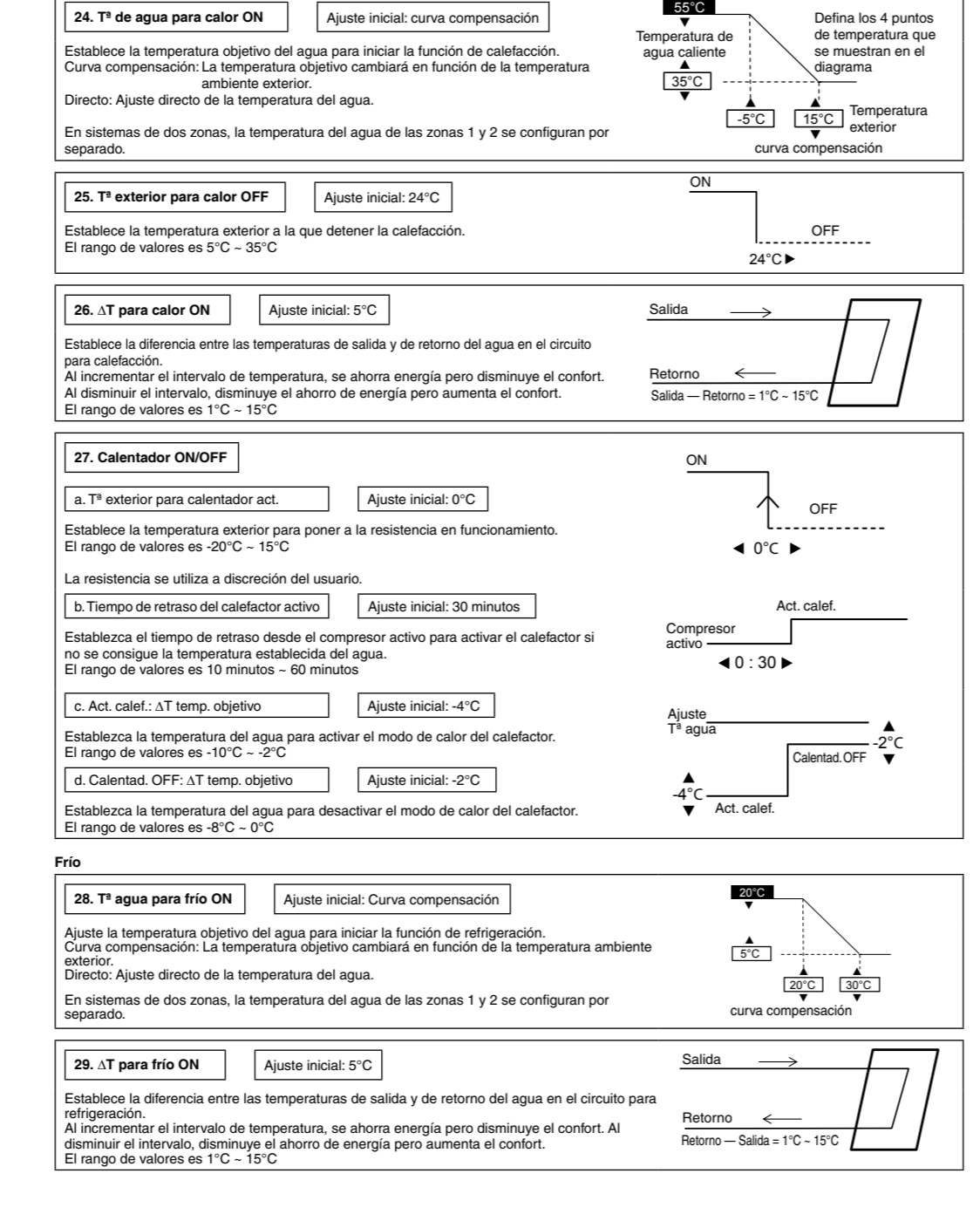
15. Control de demanda



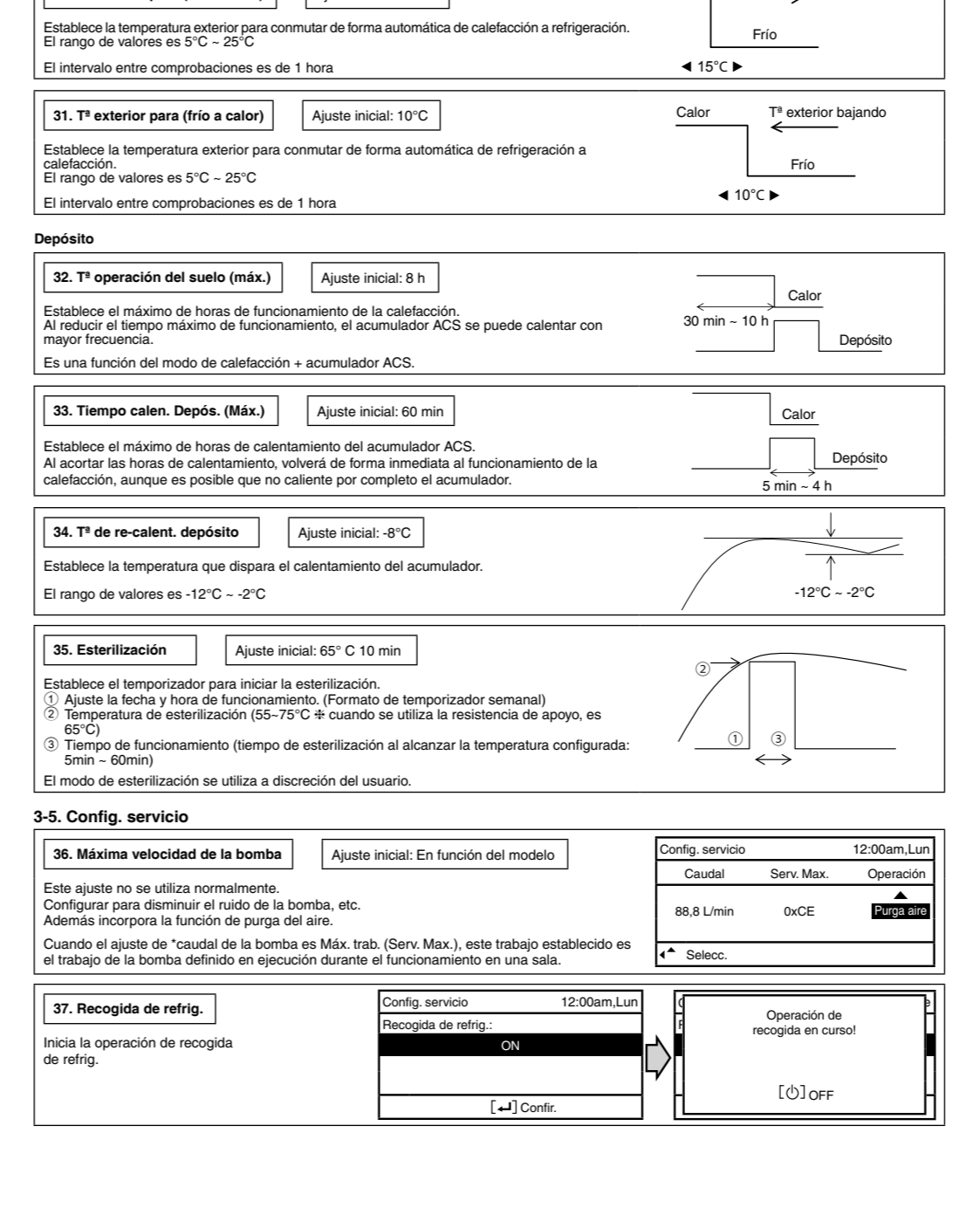
17. Interr. compres. ext.



3-4. Ajuste de operación calor



16. SG ready



18. Pavin. seco



Manuale d'installazione

WH-MDC05J3E5, WH-MDC07J3E5, WH-MDC09J3E5

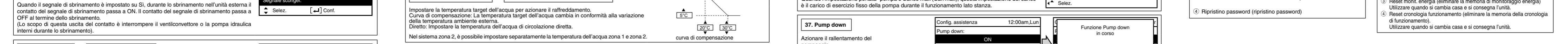
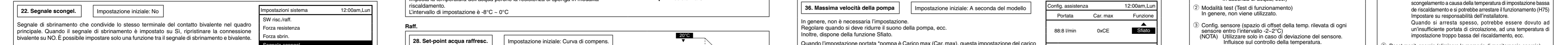
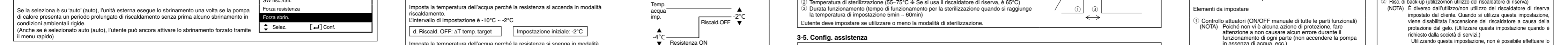
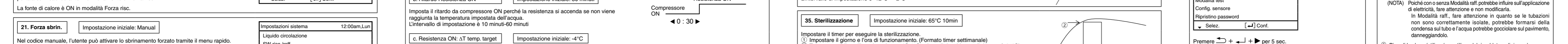
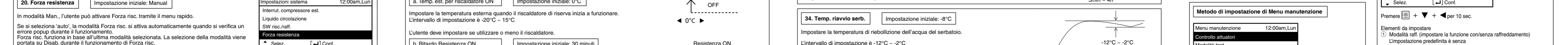
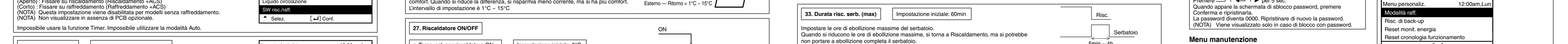
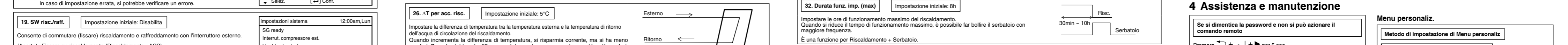
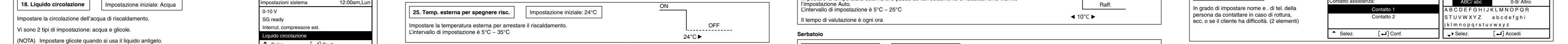
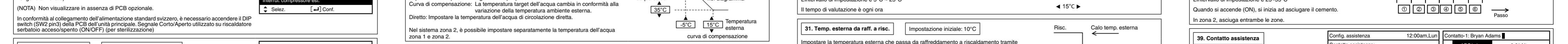
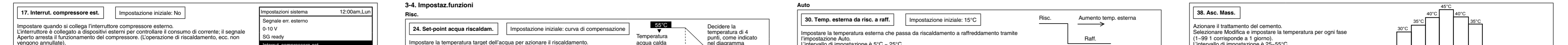
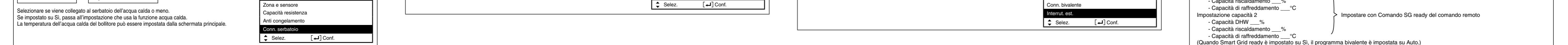
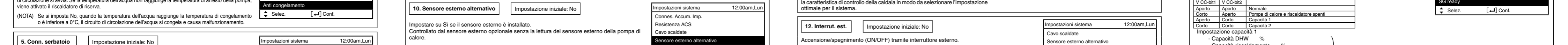
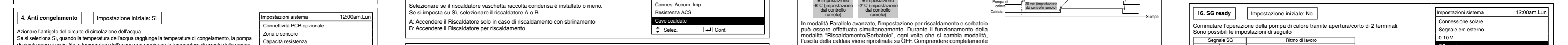
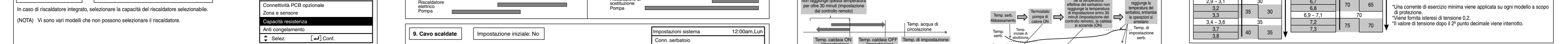
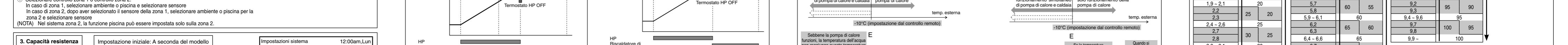
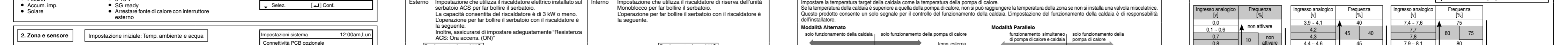
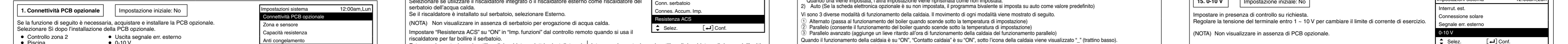
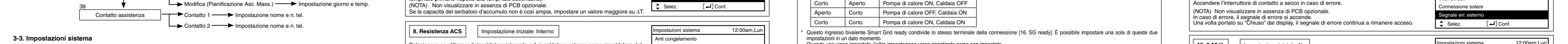
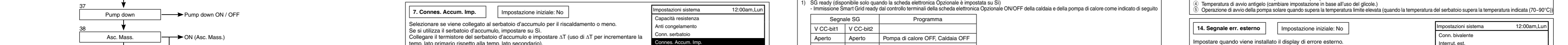
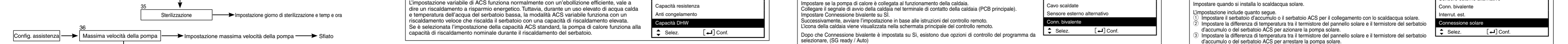
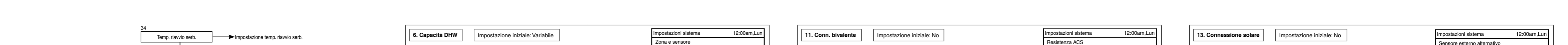
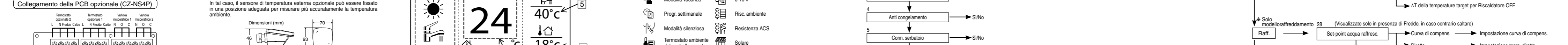
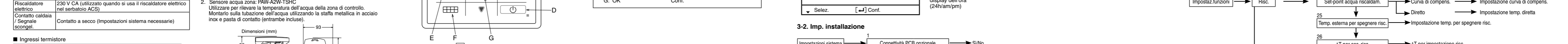
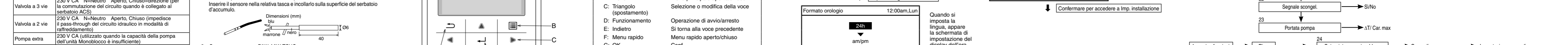
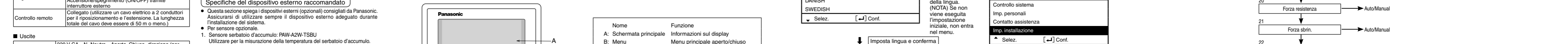
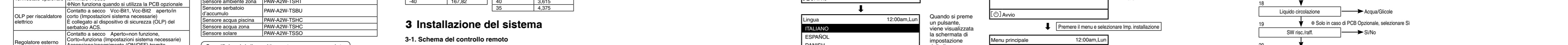
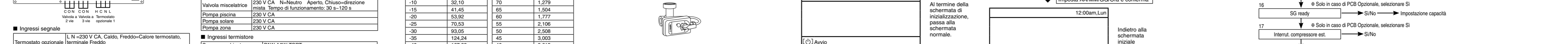
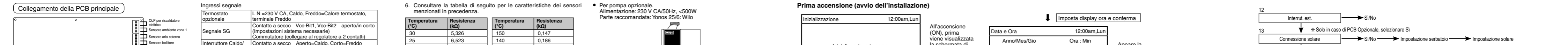
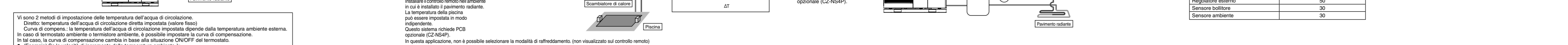
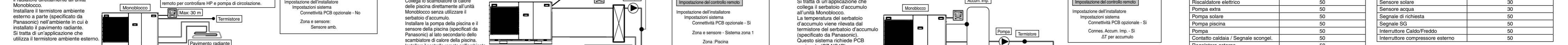
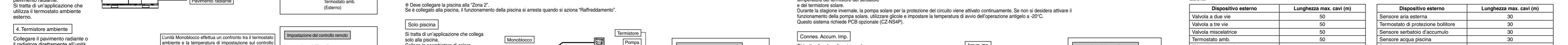
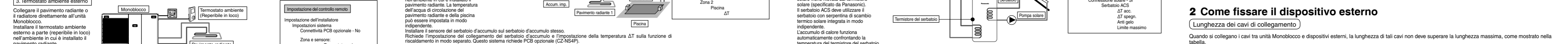
APPENDICE

1 Variazione del sistema

Questa sezione presenta la variazione dei vari sistemi che utilizzano la pompa di calore aria-acqua e il metodo di installazione effettuato.

1.1 Introduzione l'applicazione relativa all'impostazione della temperatura

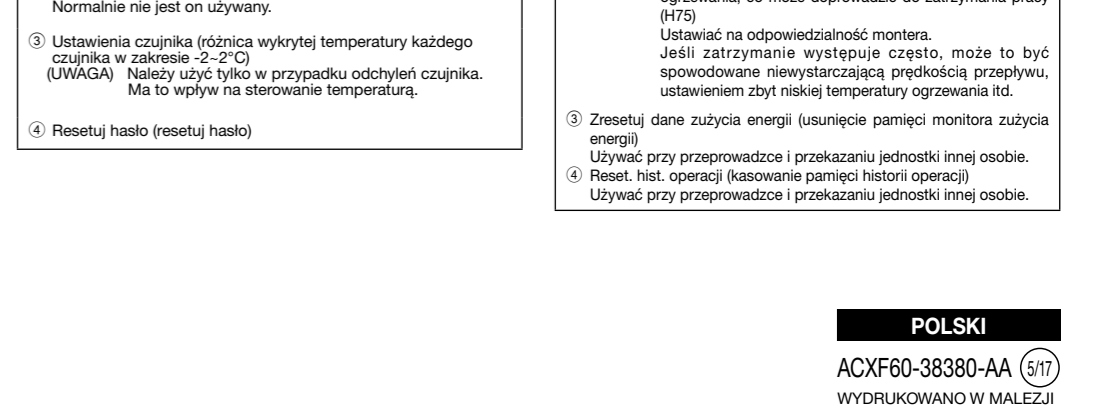
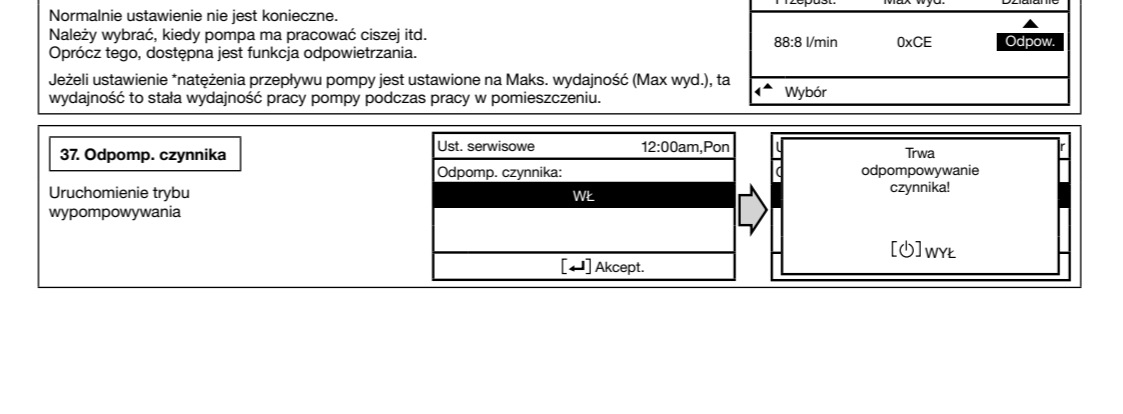
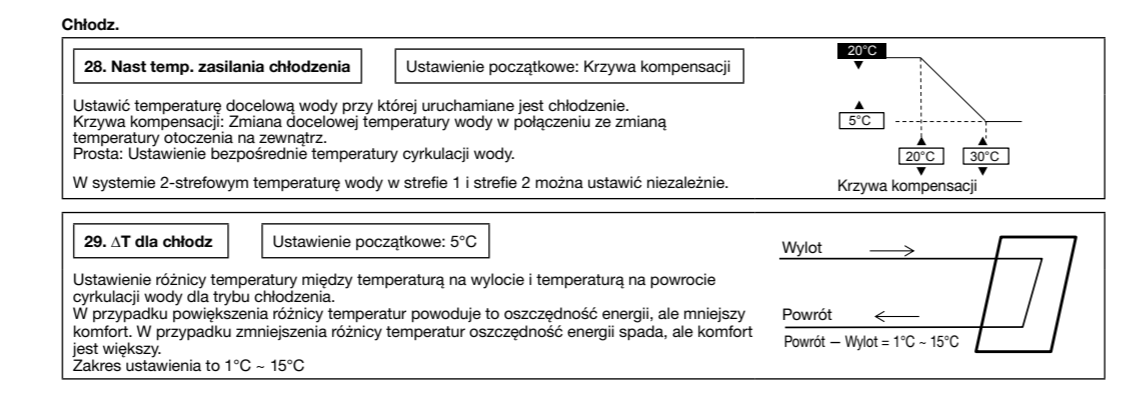
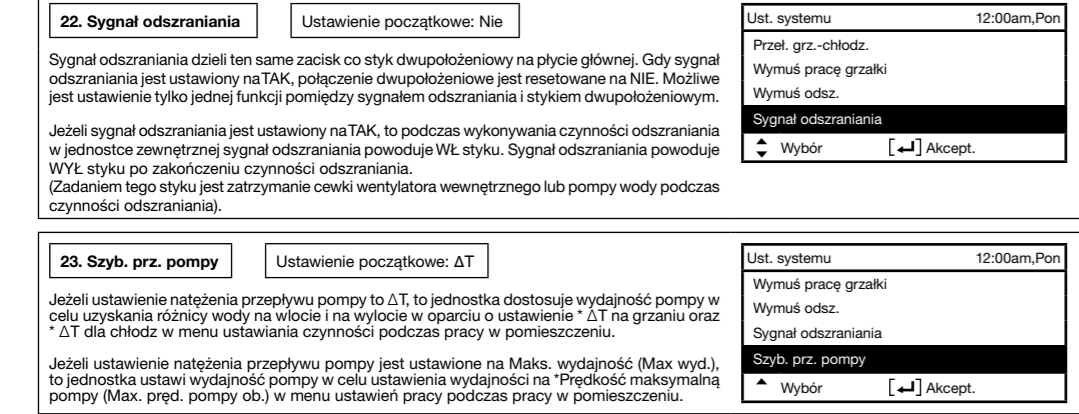
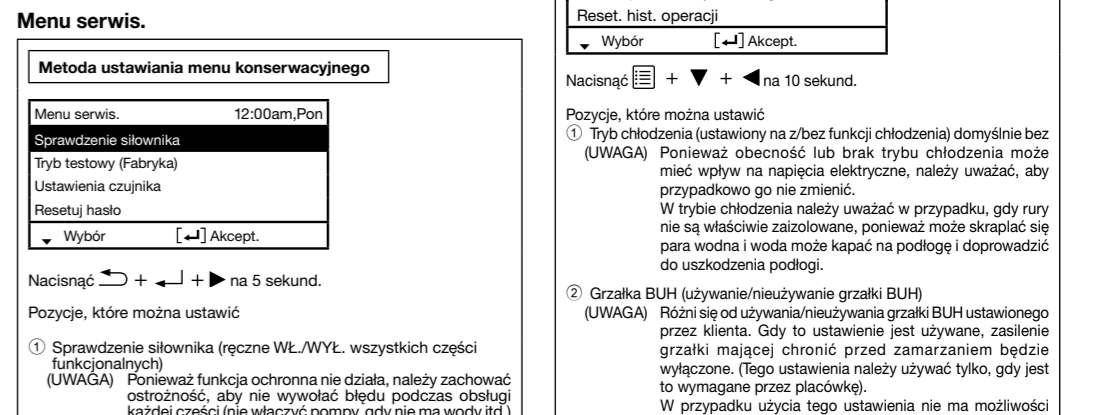
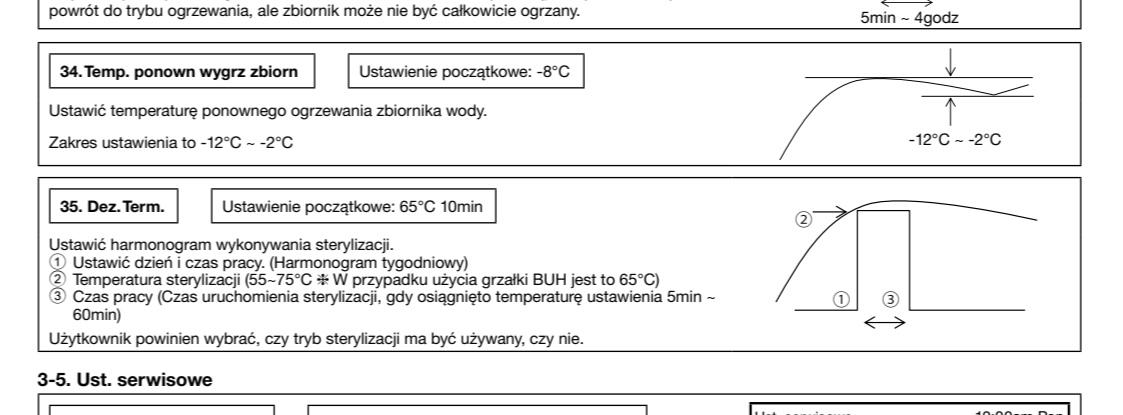
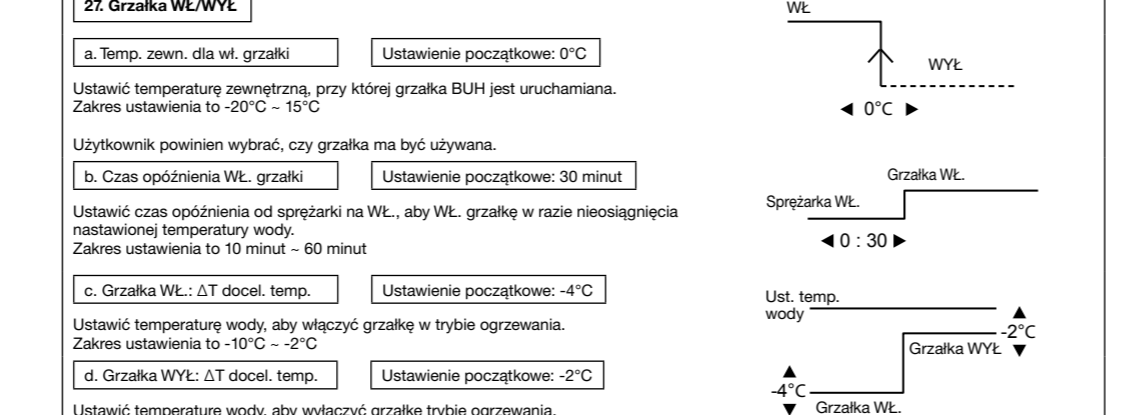
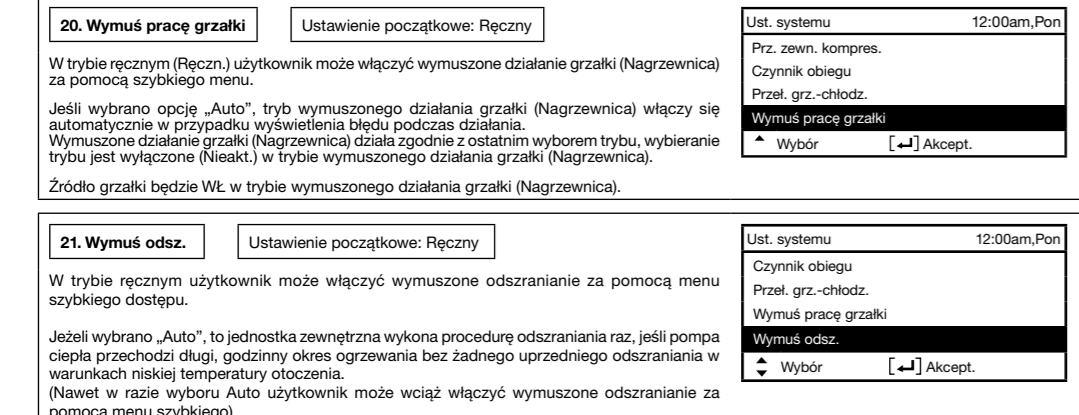
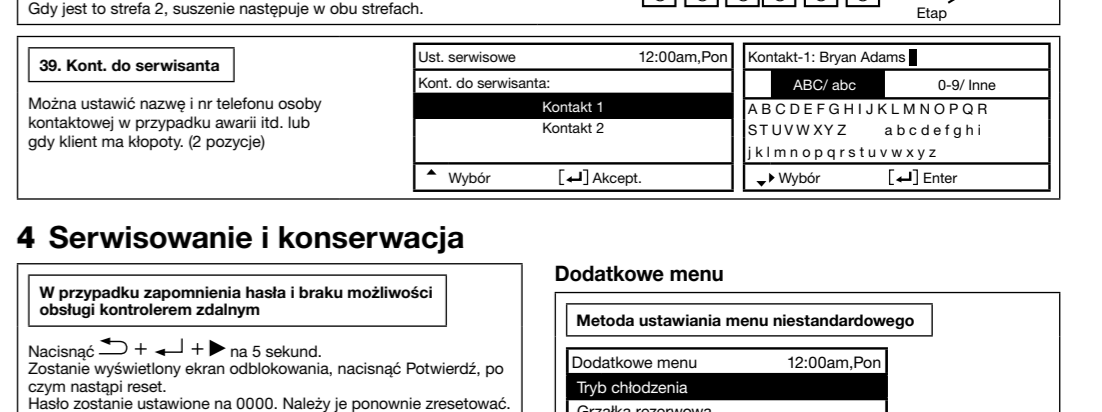
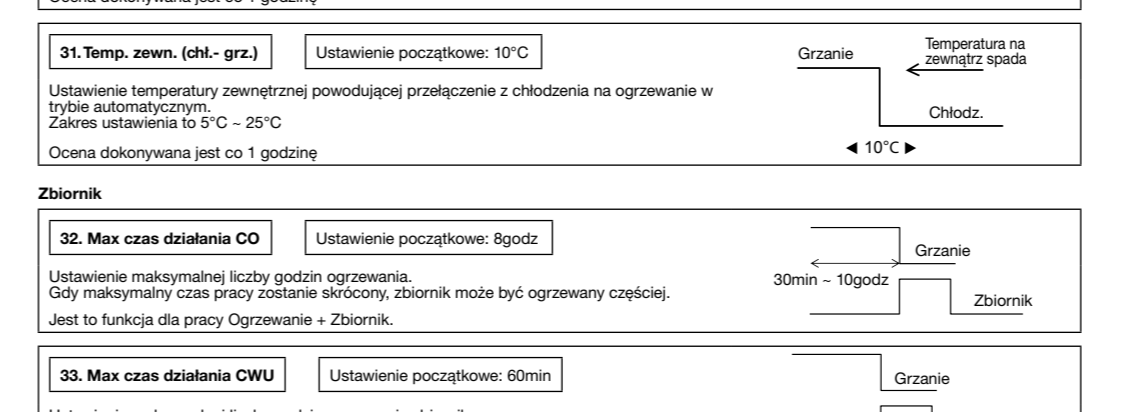
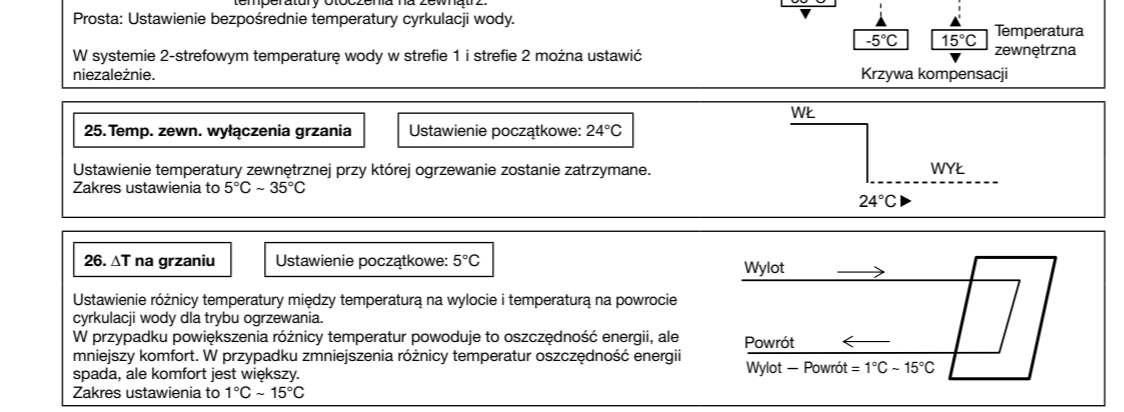
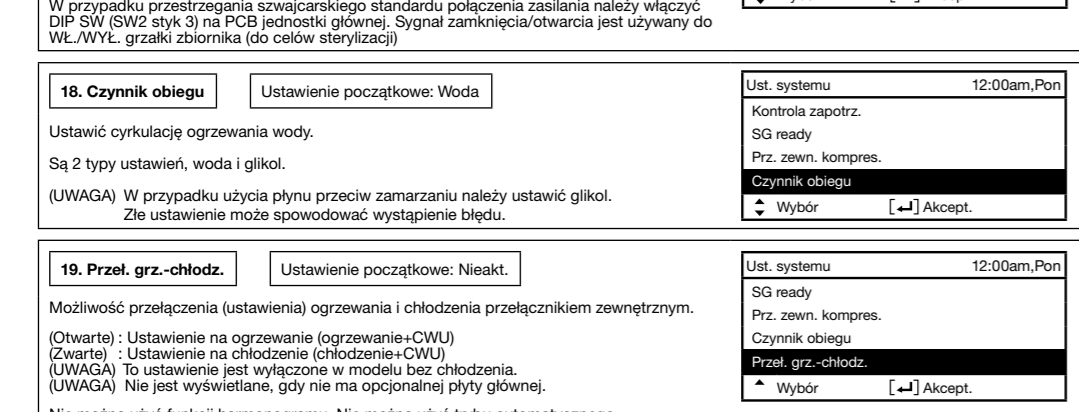
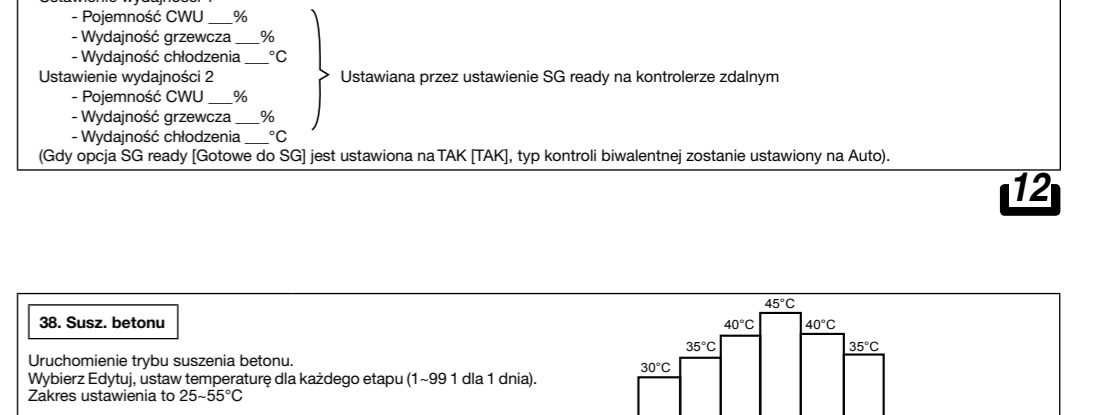
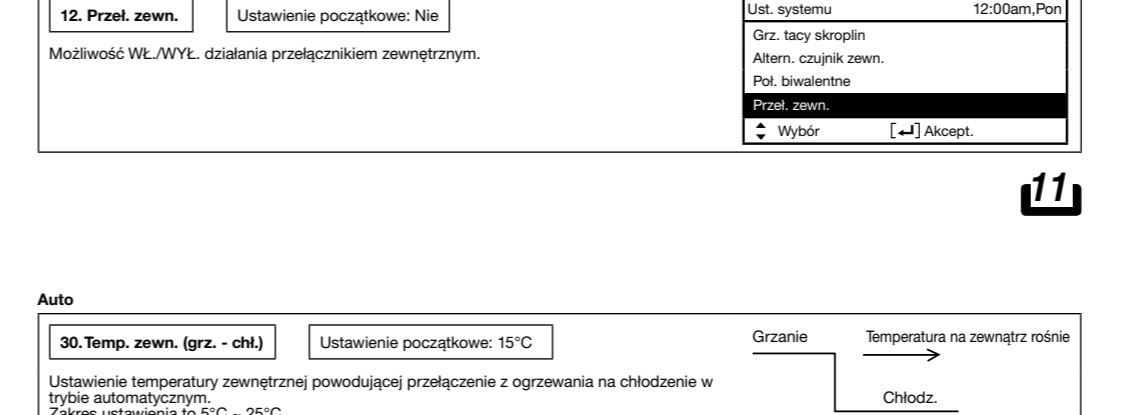
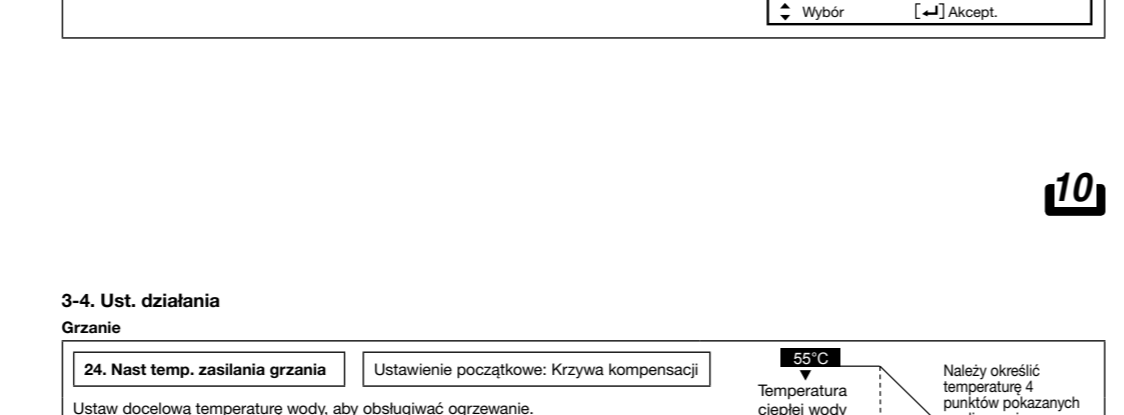
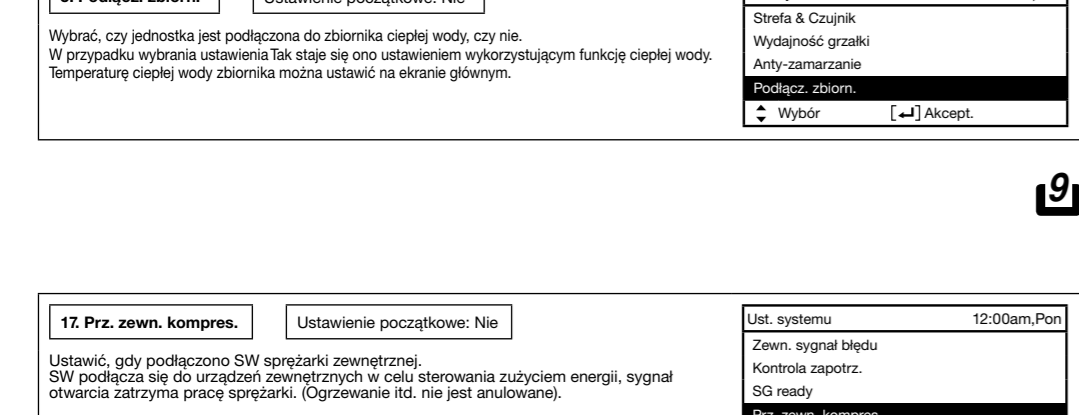
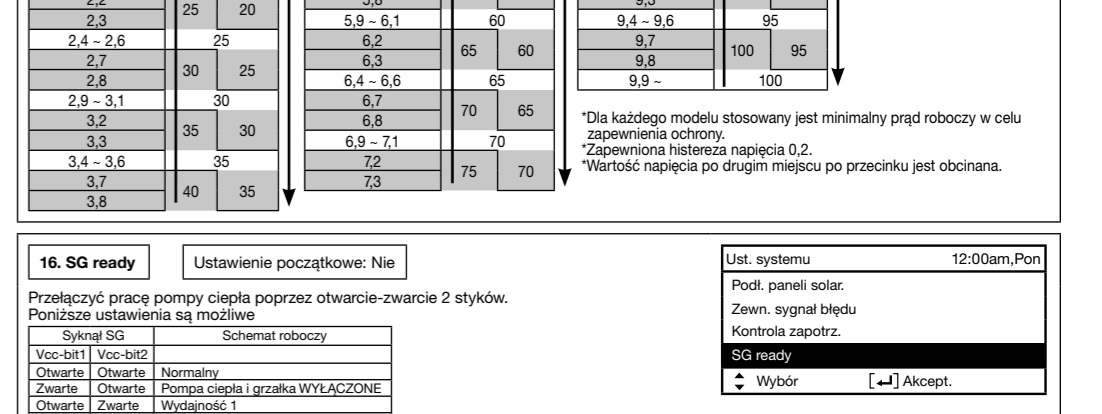
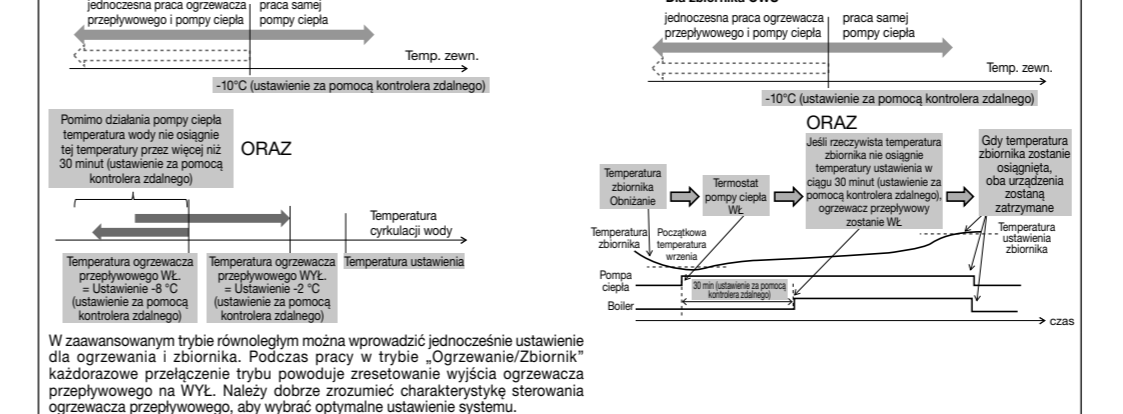
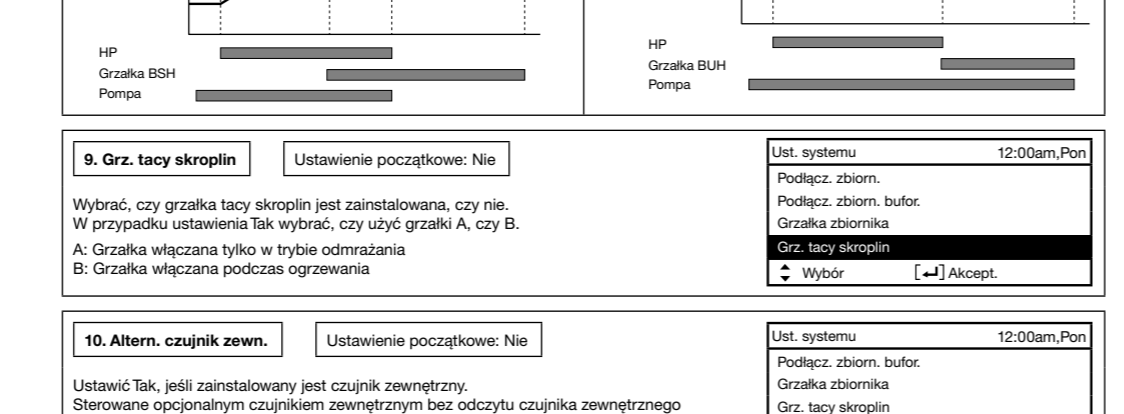
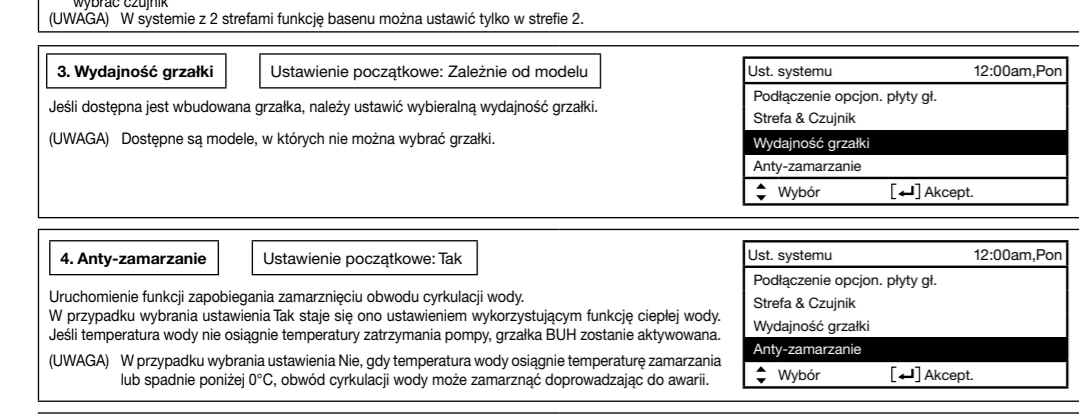
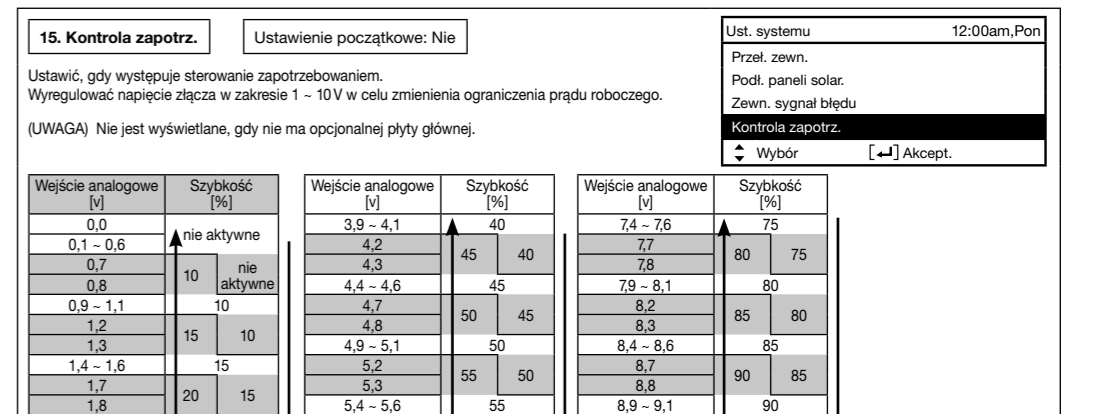
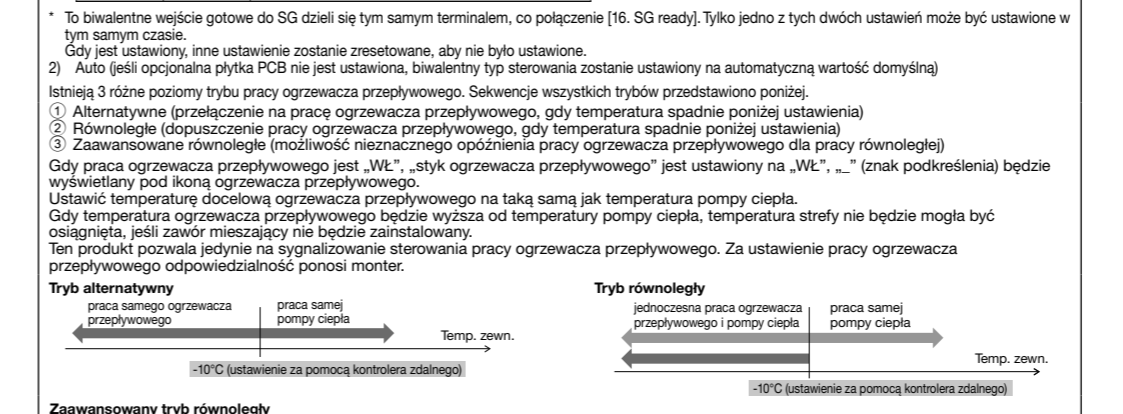
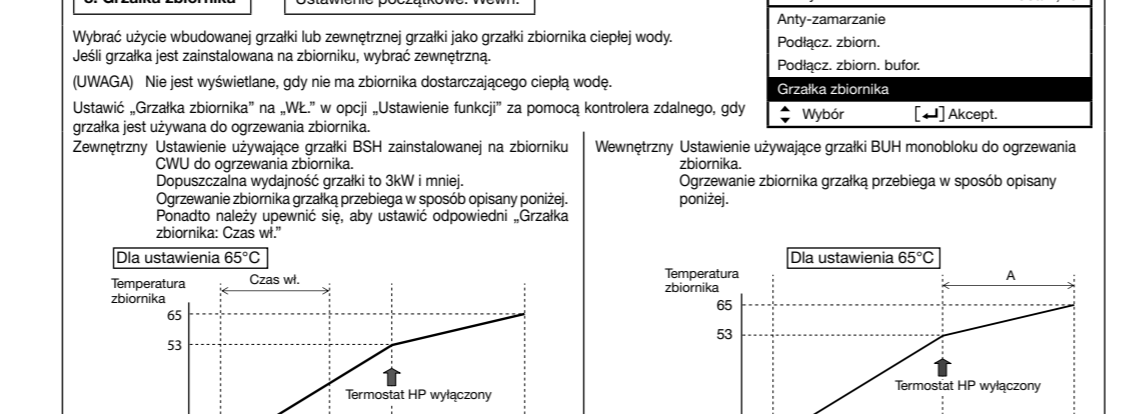
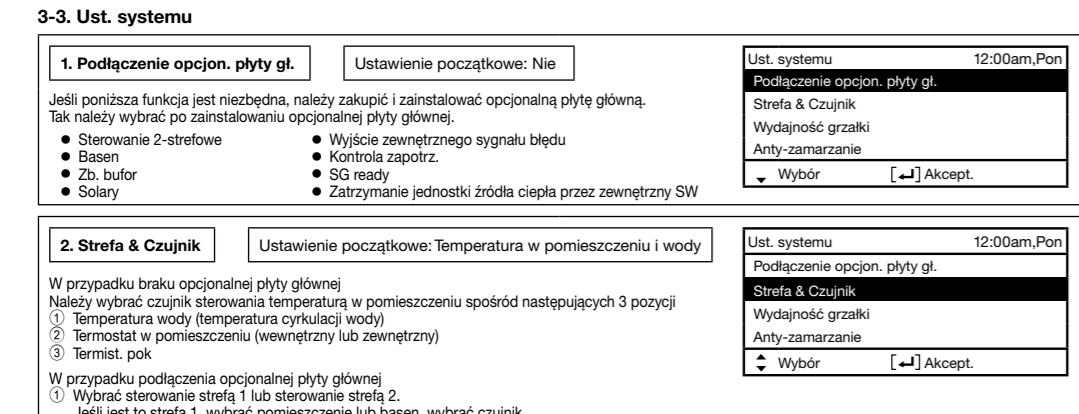
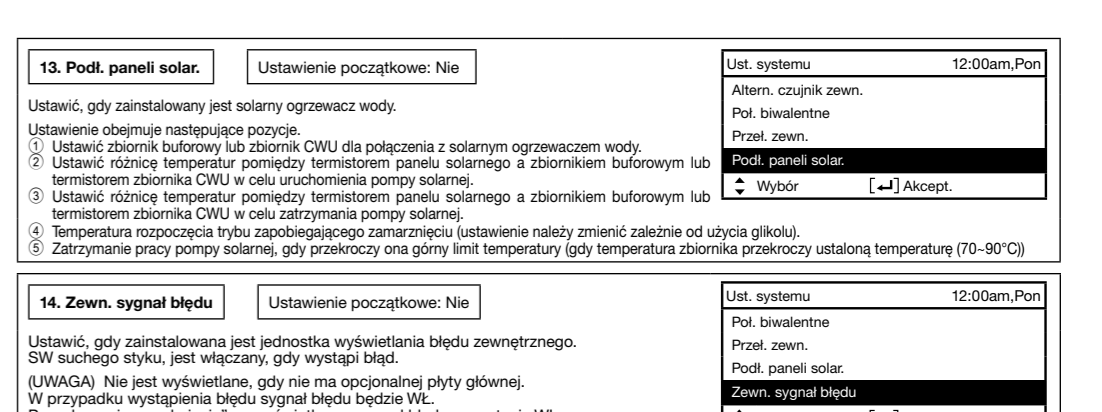
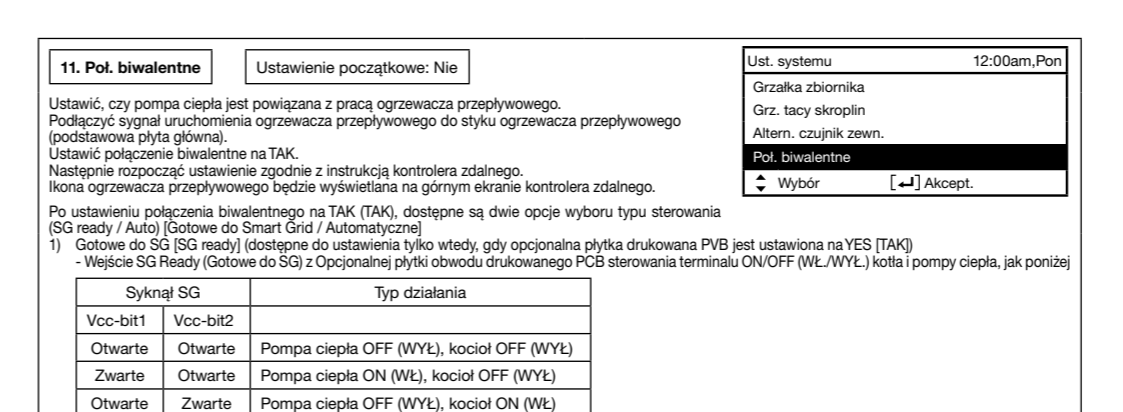
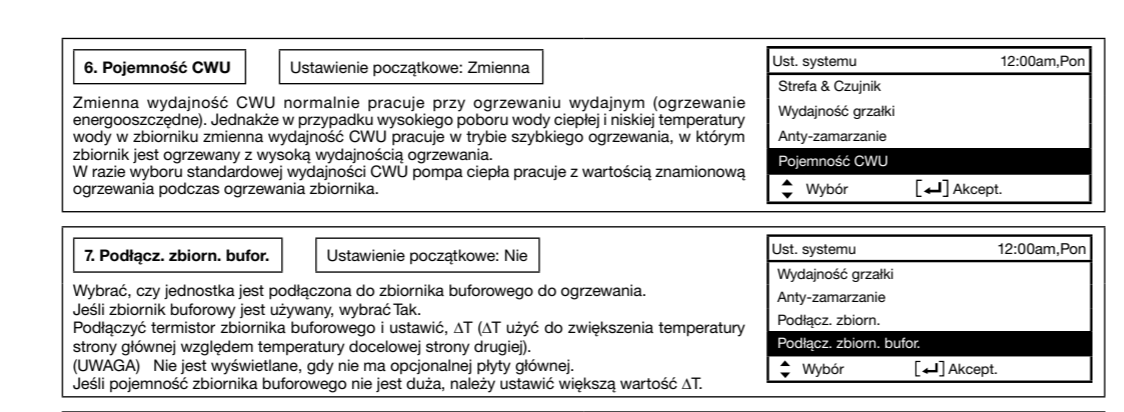
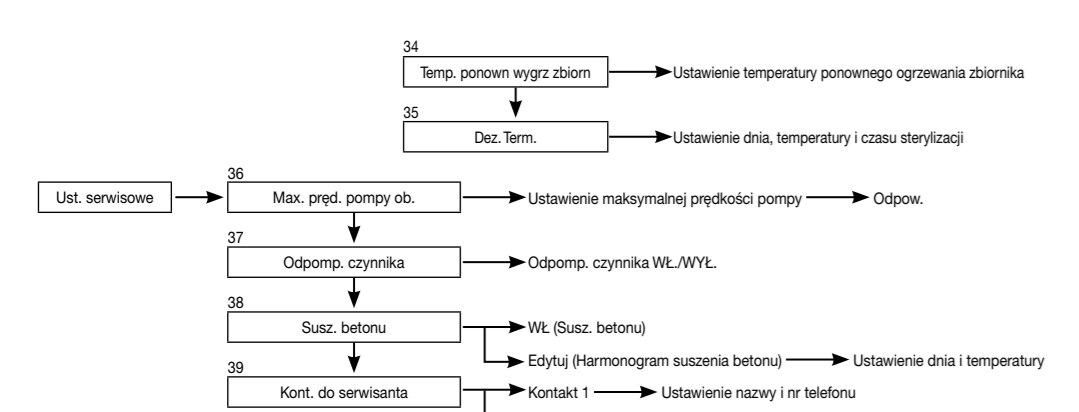
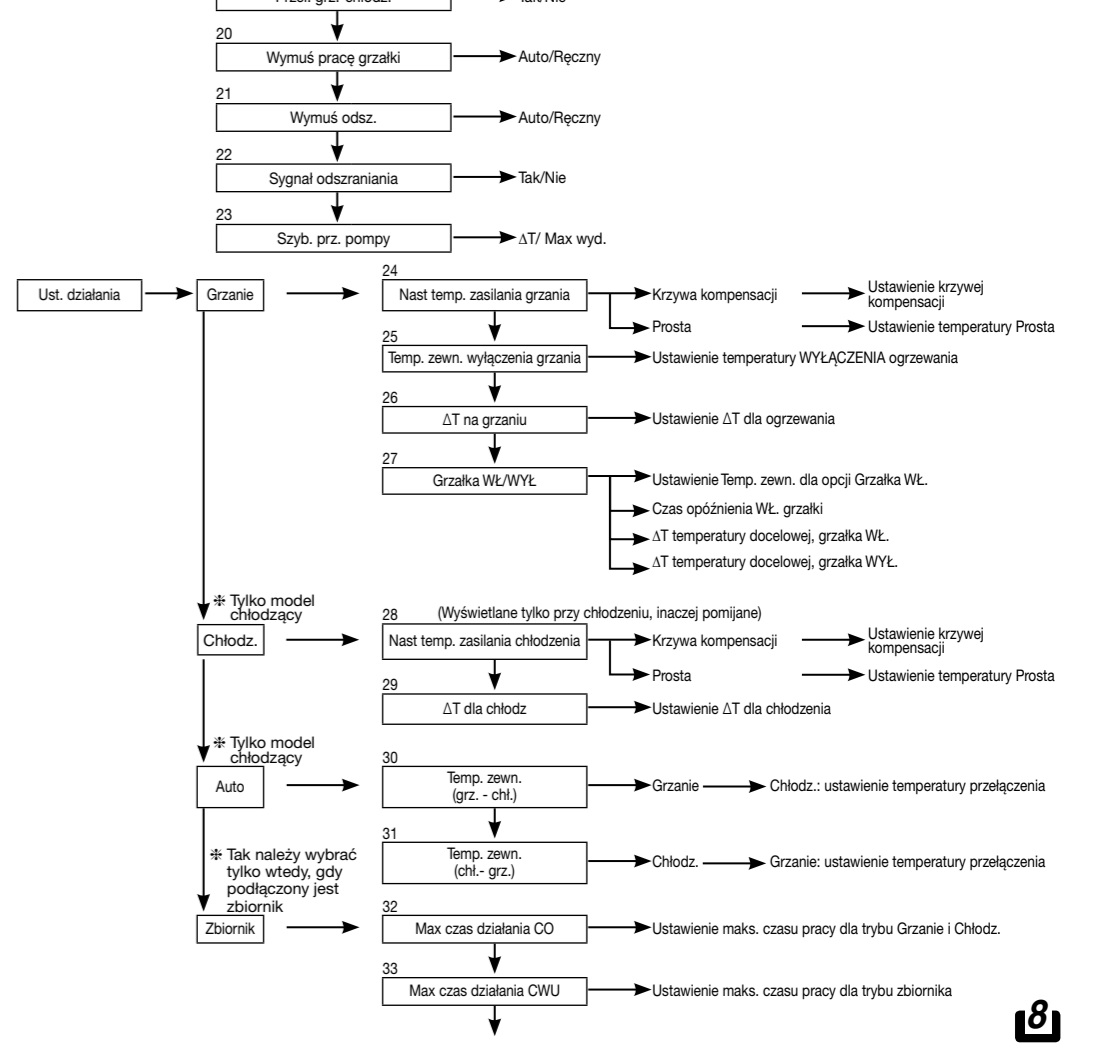
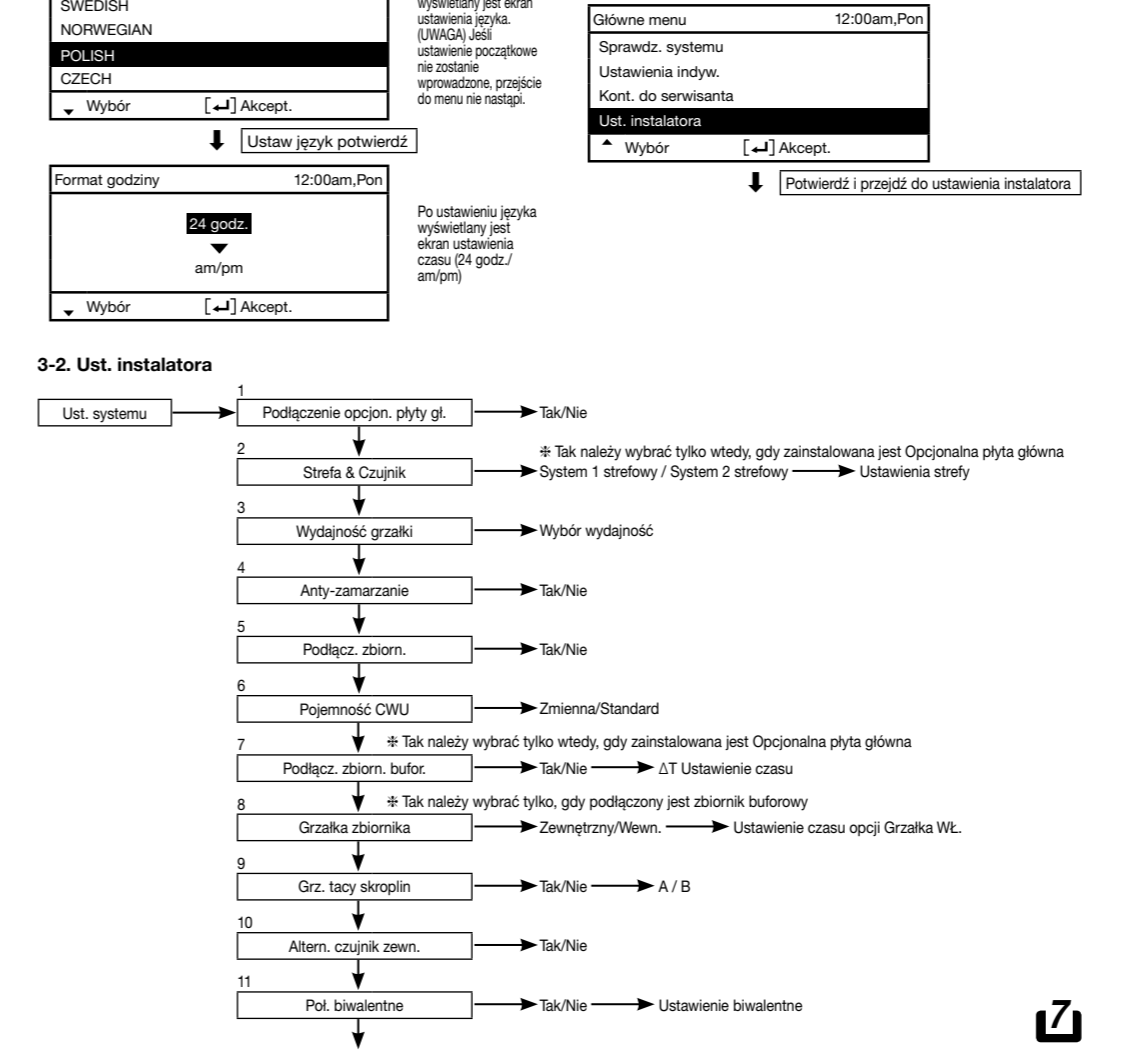
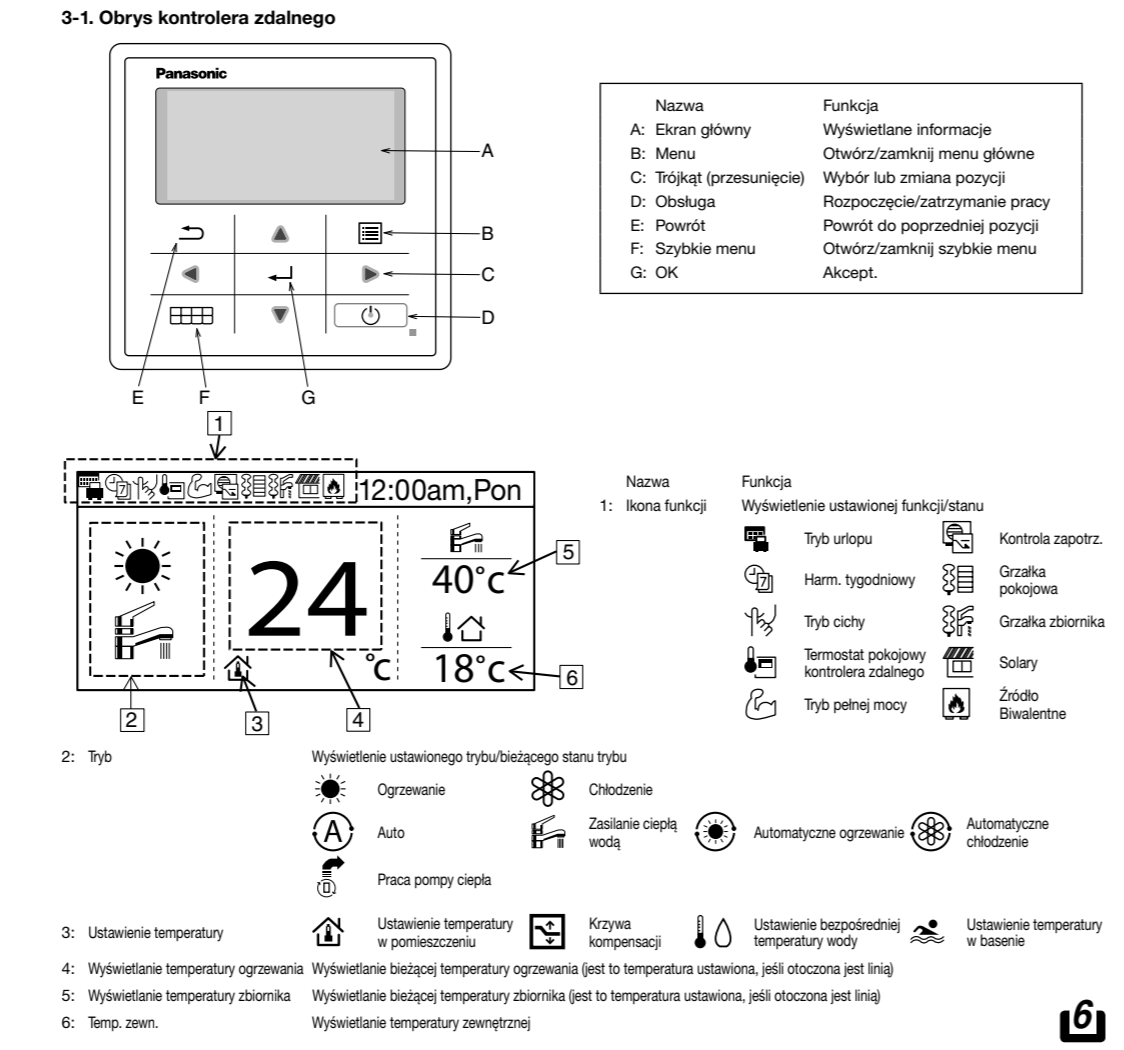
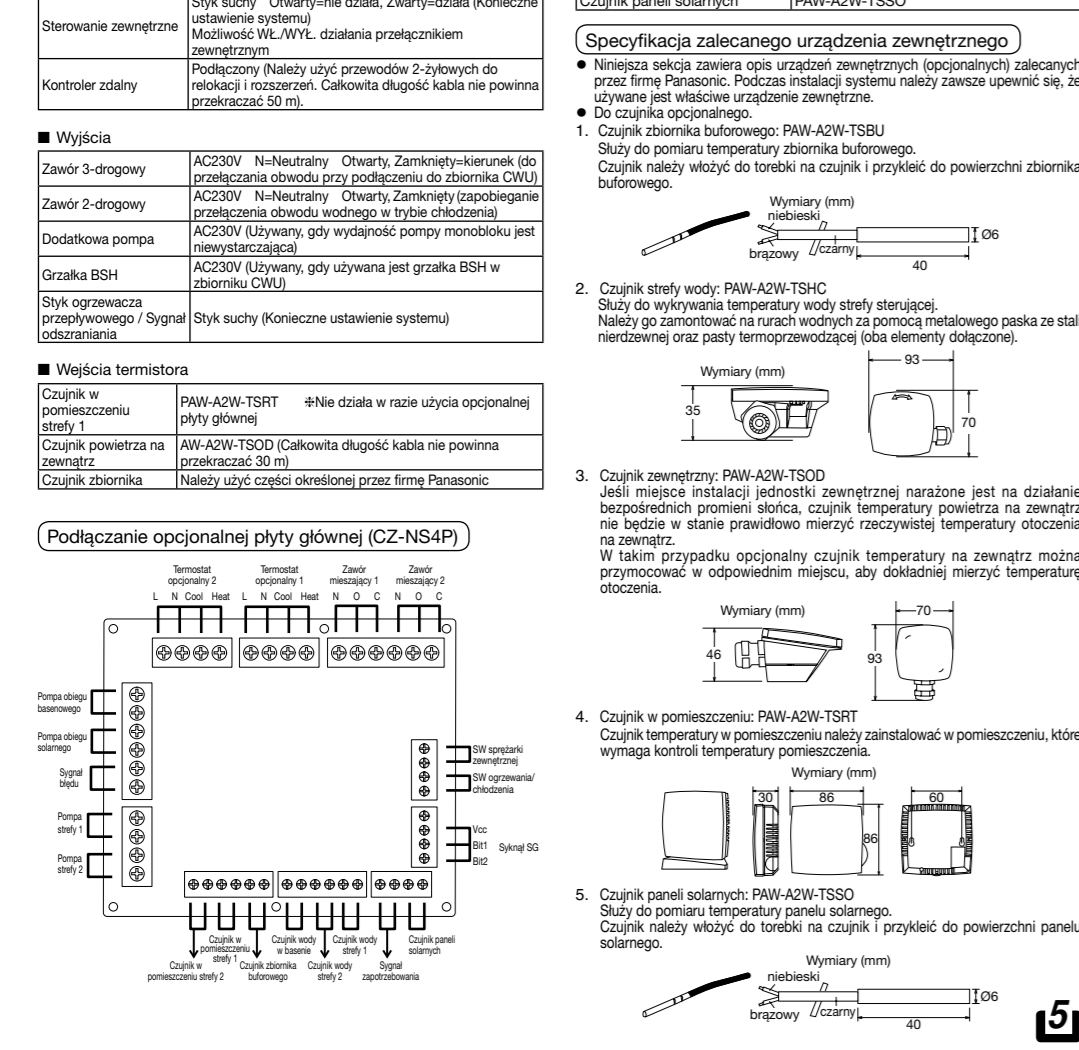
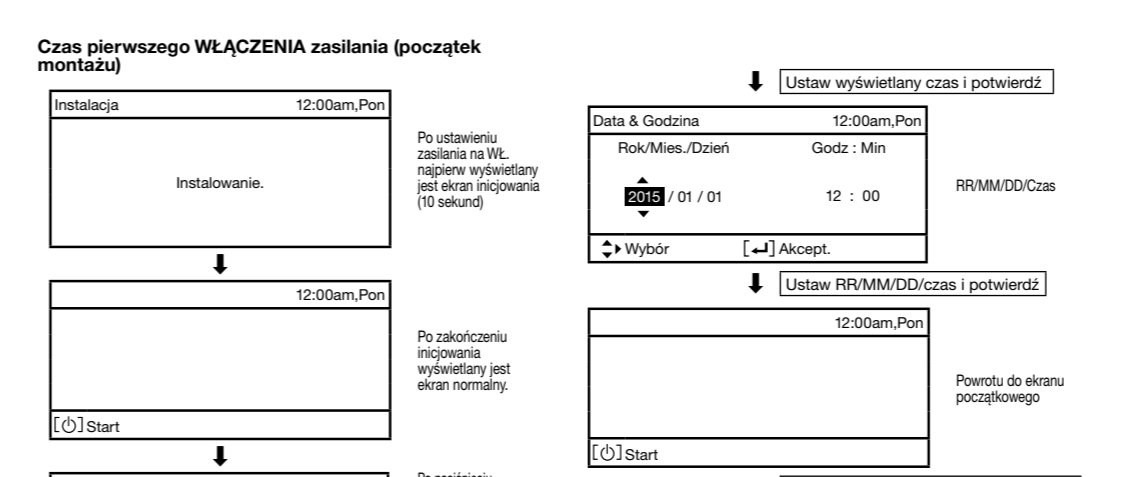
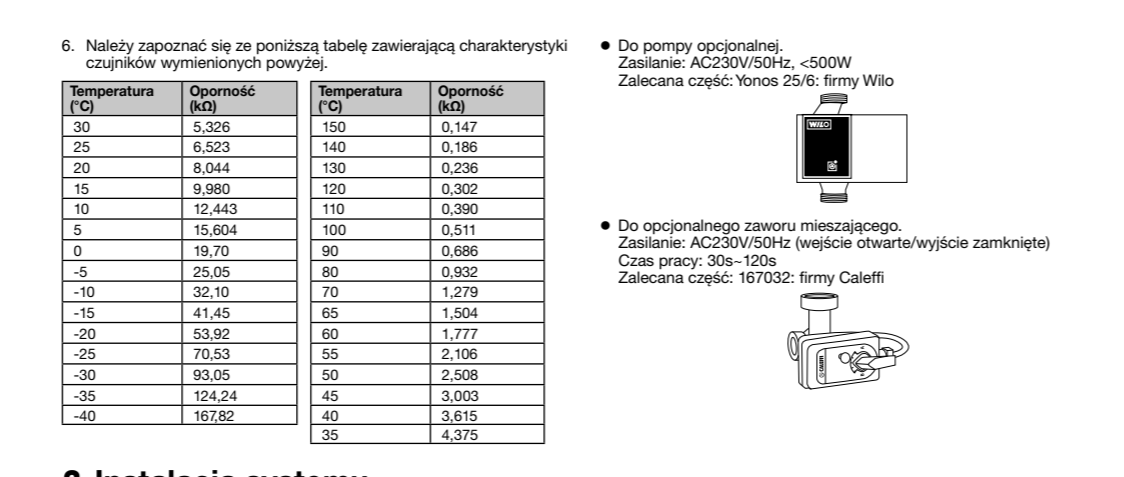
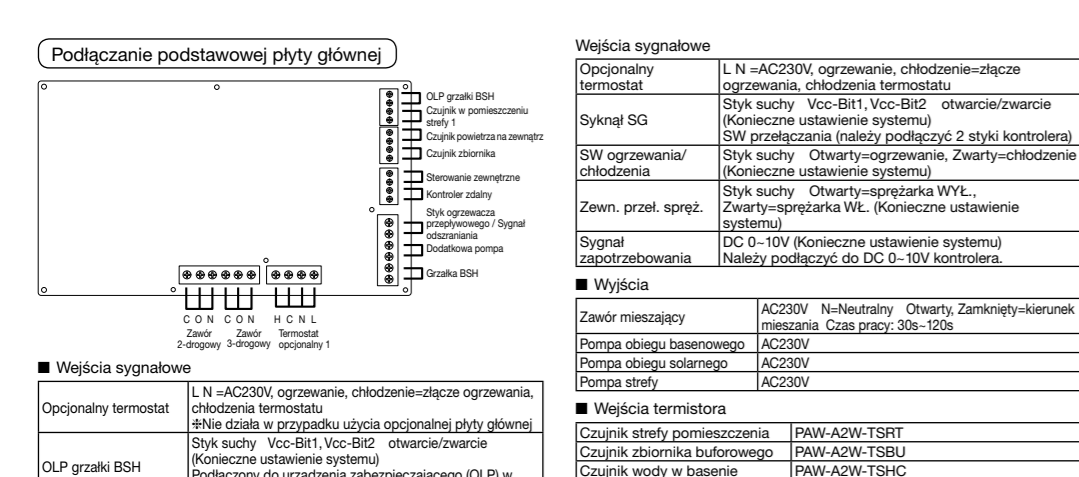
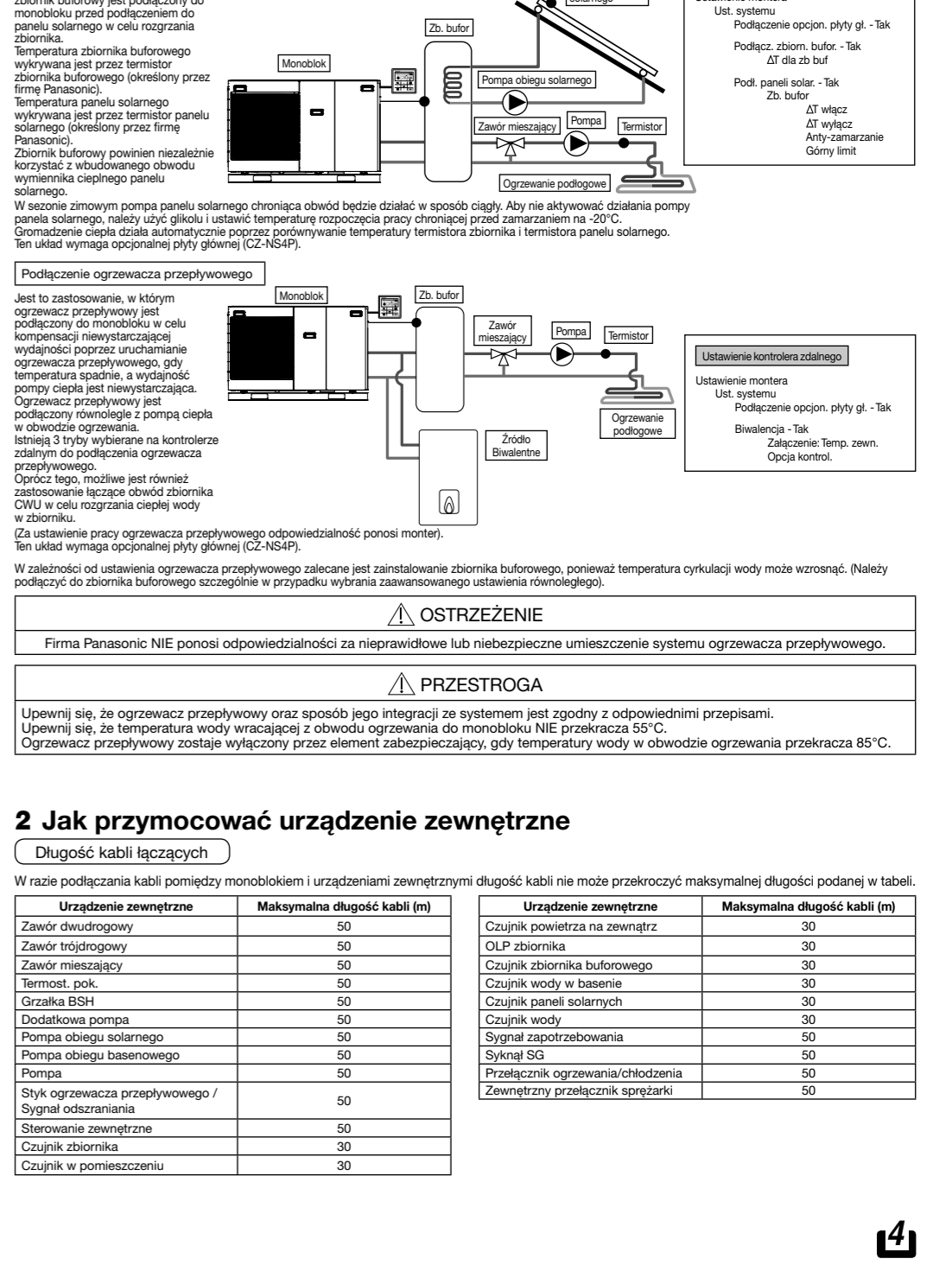
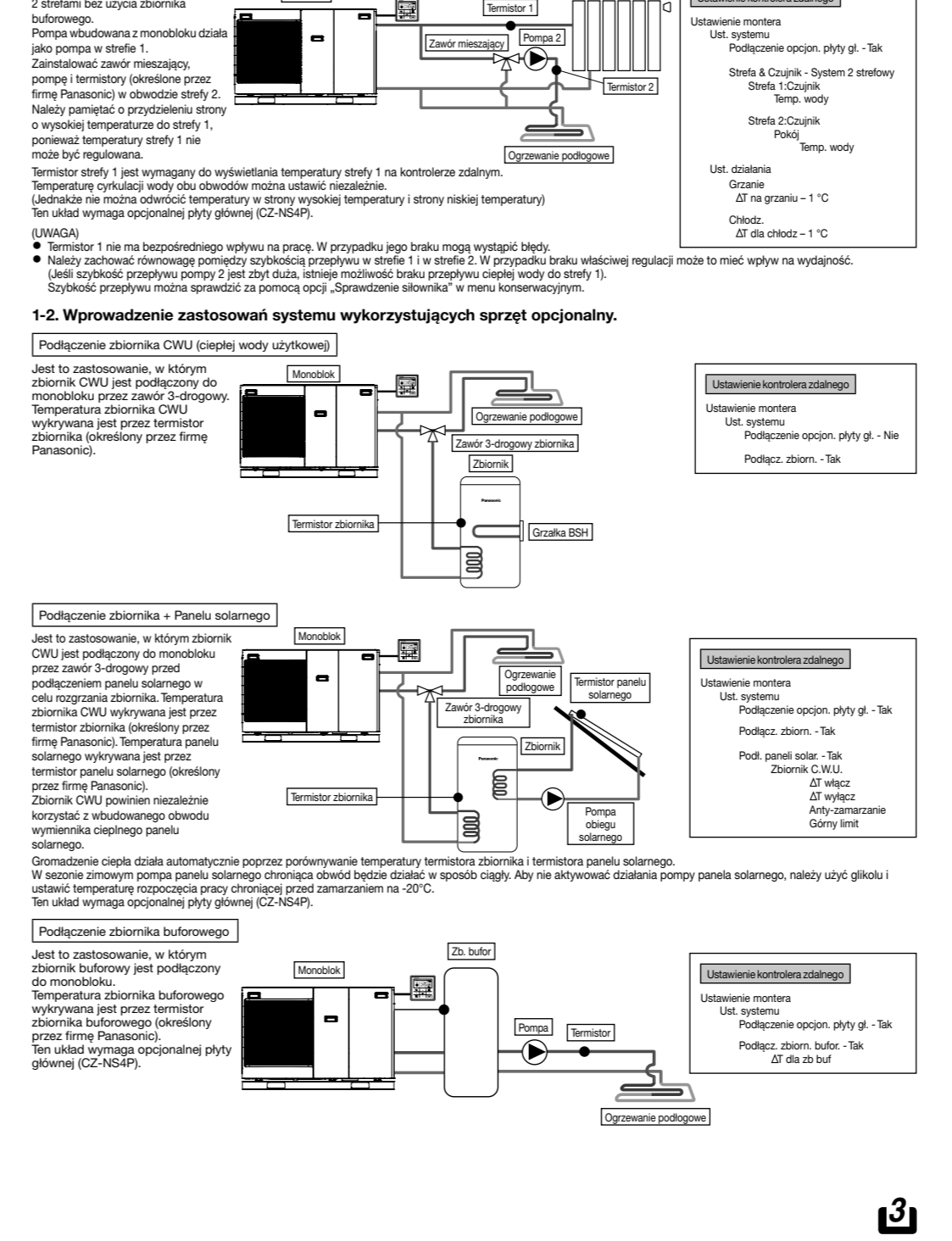
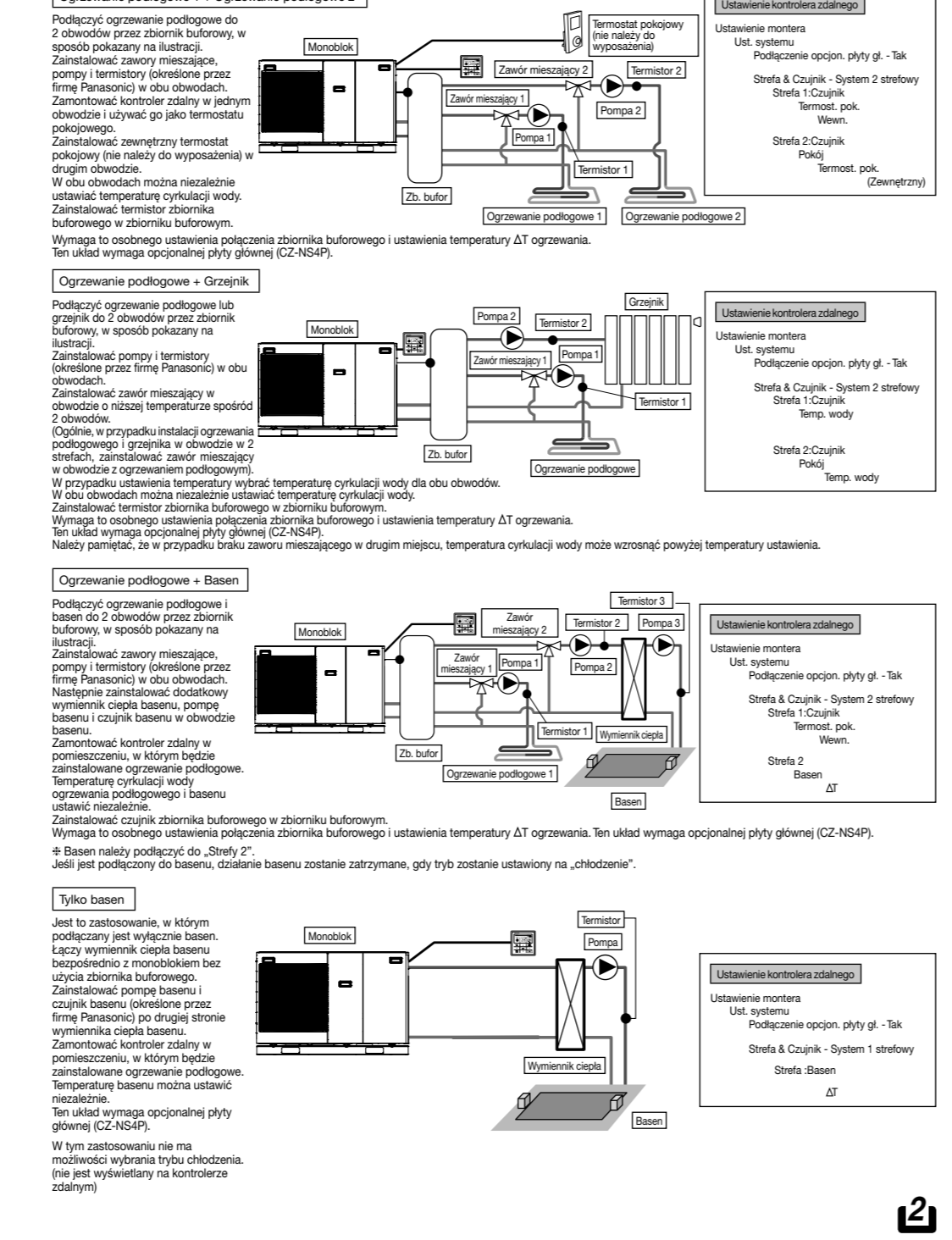
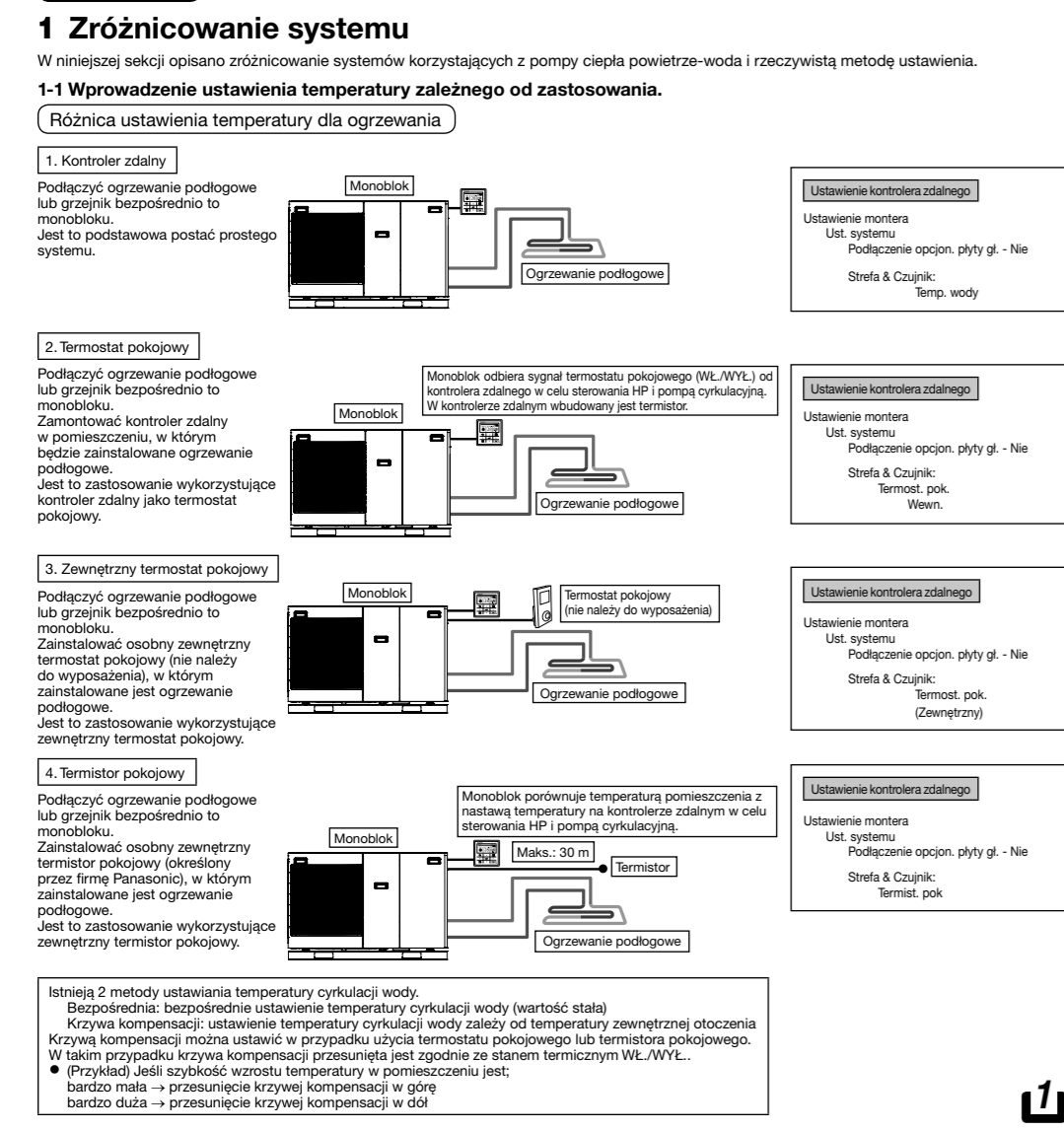
Variazioni di impostazione della temperatura per il riscaldamento





Instrukcja montażu MONOBLOK POMPY CIEPŁA POWIETRZE-WODA WH-MDC05J3E5, WH-MDC07J3E5, WH-MDC09J3E5

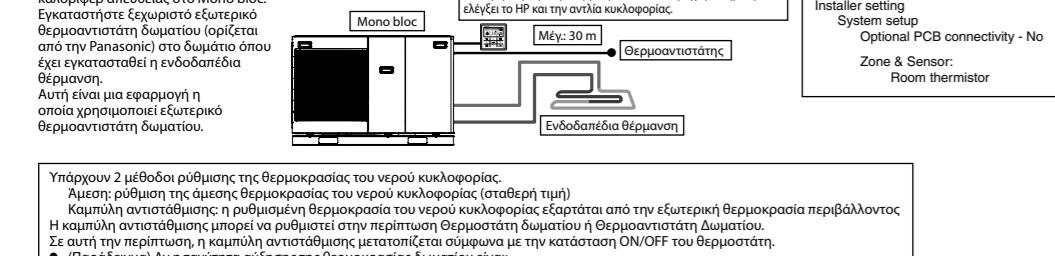
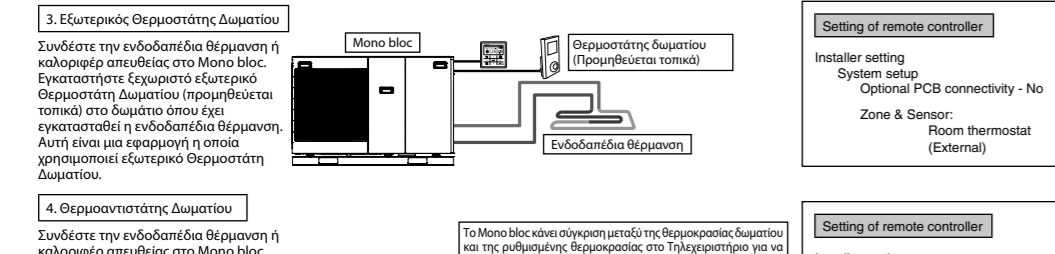
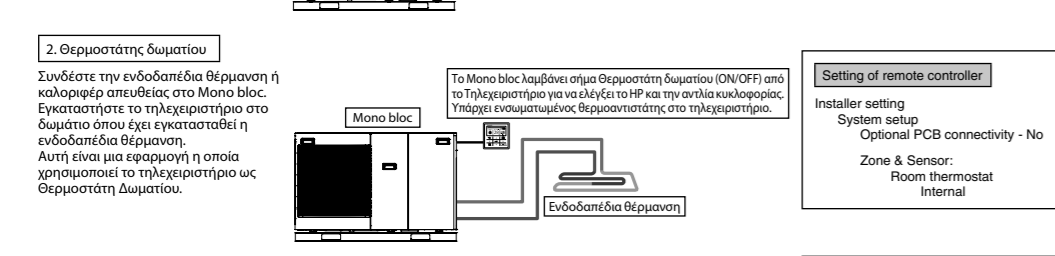
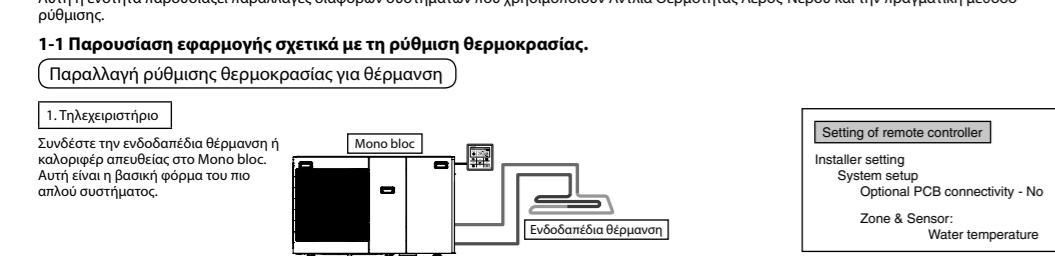
DODATEK 1 Zróżnicowanie systemu



Εγχειρίδιο εγκατάστασης ΑΝΤΛΙΑ ΘΕΡΜΟΤΗΤΑΣ ΑΕΡΟΣ-ΝΕΡΟΥ ΜΟΝΟ BLOC WH-MDC05J3E5, WH-MDC07J3E5, WH-MDC09J3E5

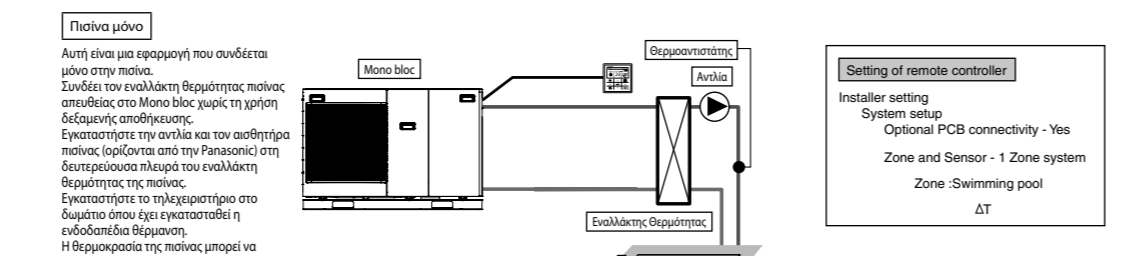
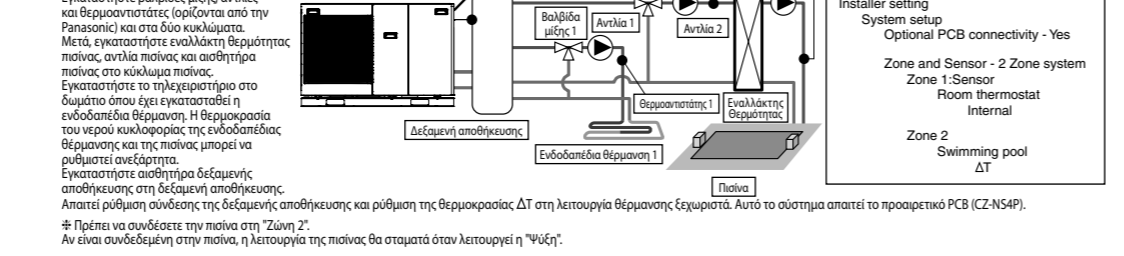
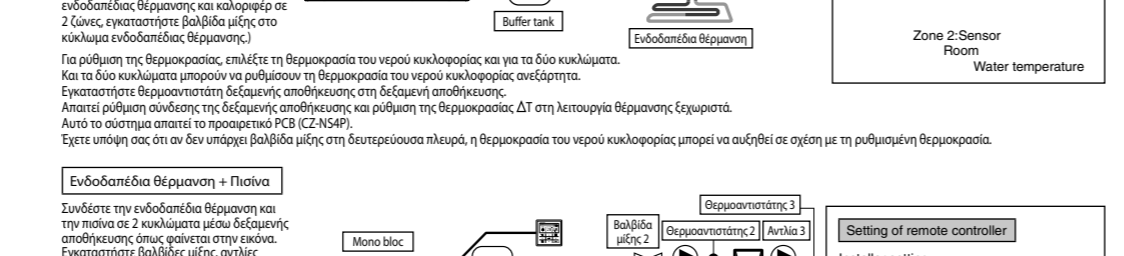
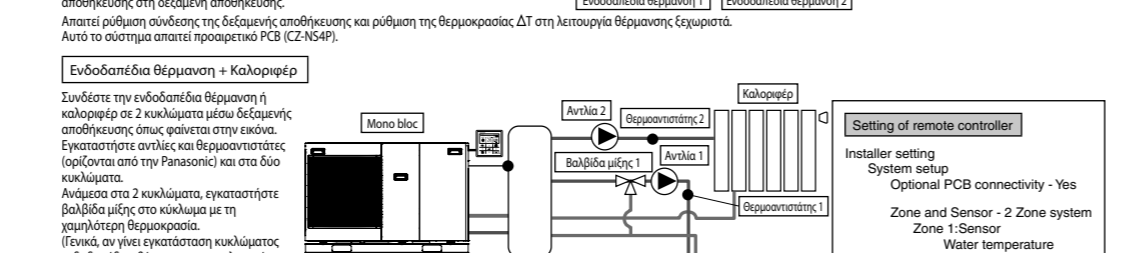
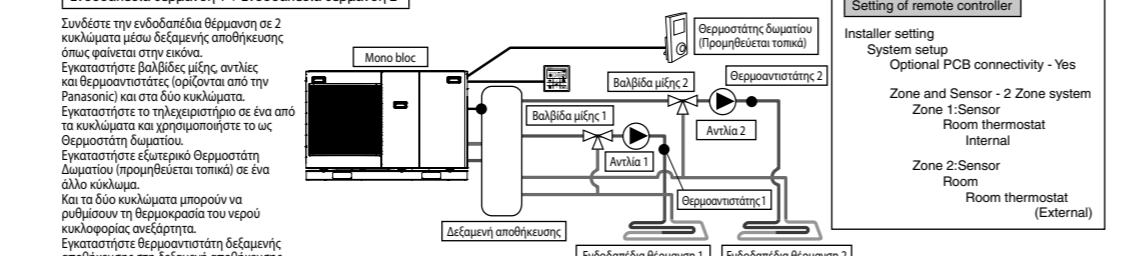
ΠΑΡΑΡΤΗΜΑ 1 Περαιτέρω κατά τη συστήματα

1-1 Προεπισκόπηση σχεδίαση με τη ρύθμιση θερμοκρασίας



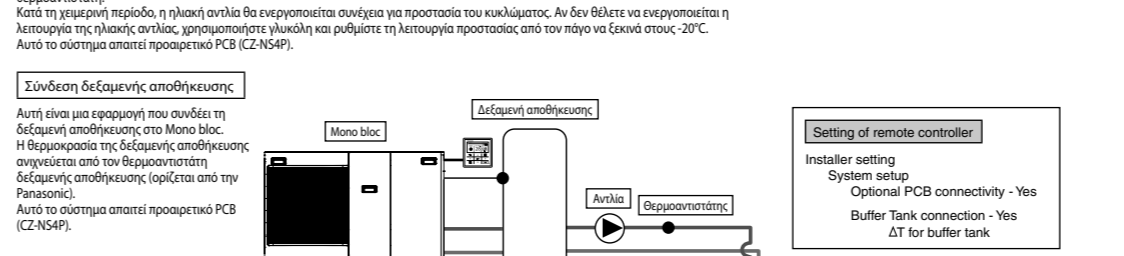
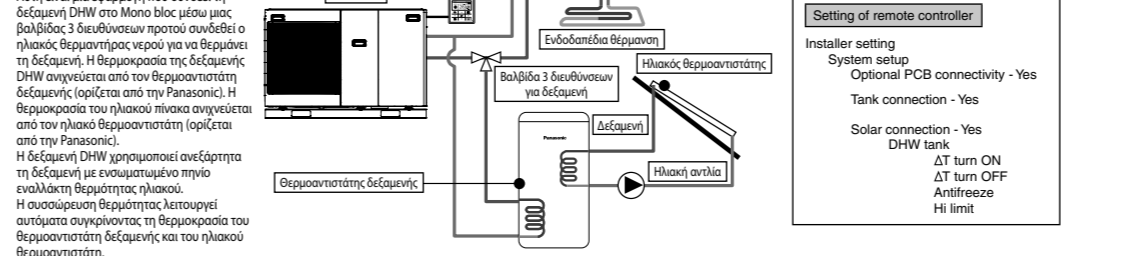
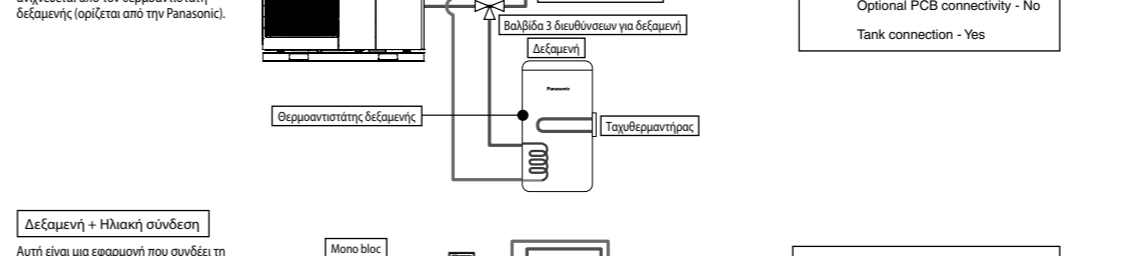
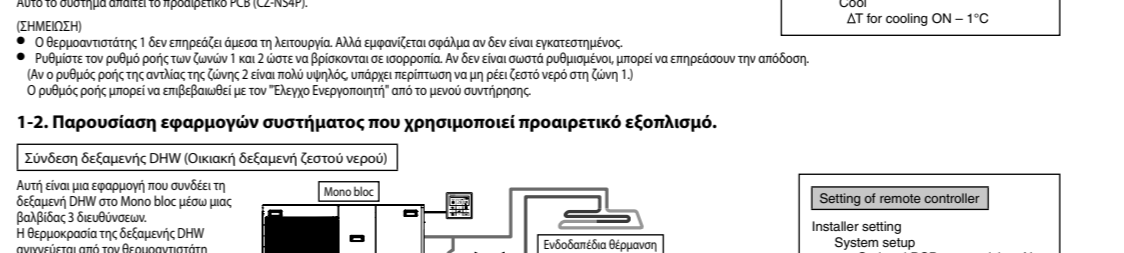
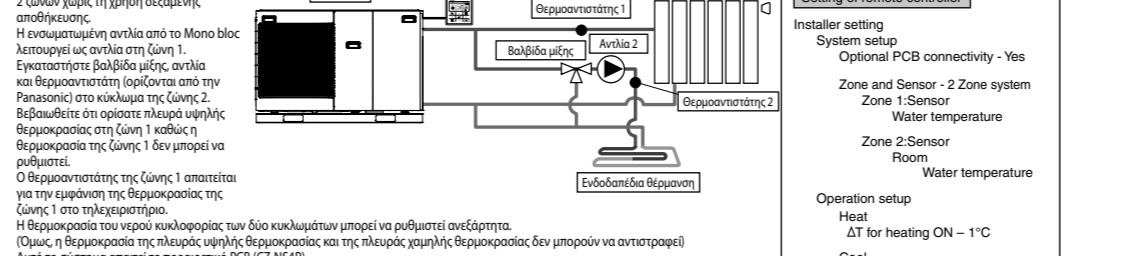
Υπόγραφο 2. Προεπισκόπηση σχεδίαση με τη ρύθμιση θερμοκρασίας του νερού κλιματισμού. Βασική σύμβαση της συσκευής θερμοκρασίας του νερού κλιματισμού (ανάλογα με τη λειτουργία).

Ανάλυση 2 ζώνων (Εξωτερικός θερμοστάτης + Κλιματισμός)



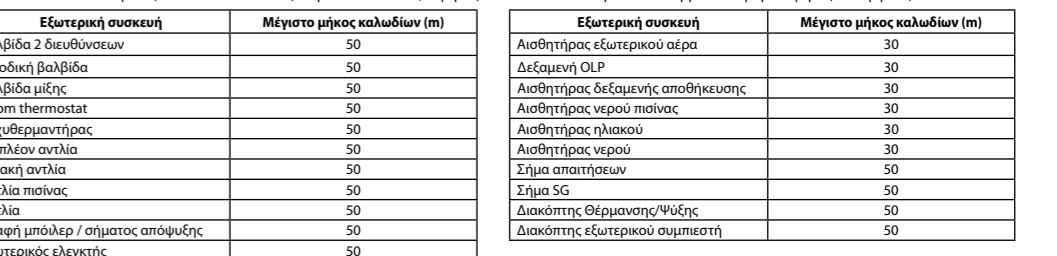
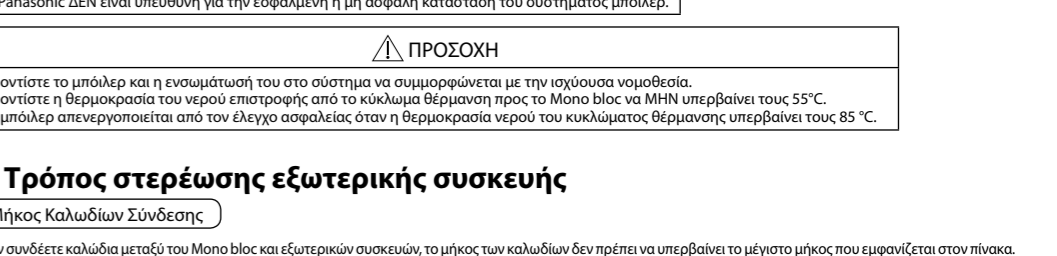
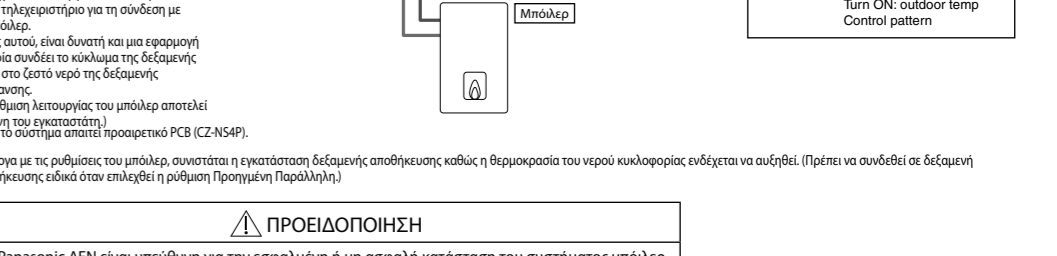
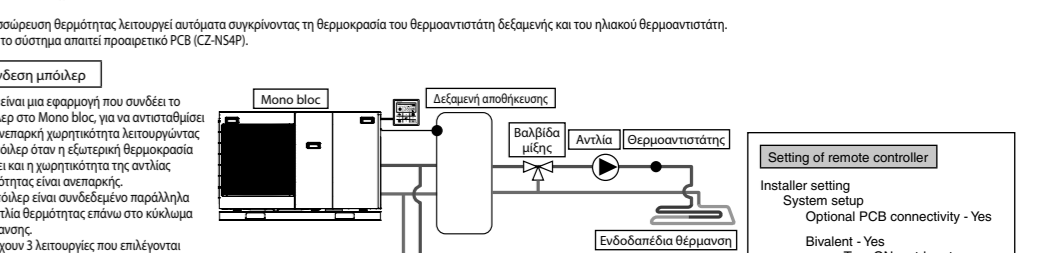
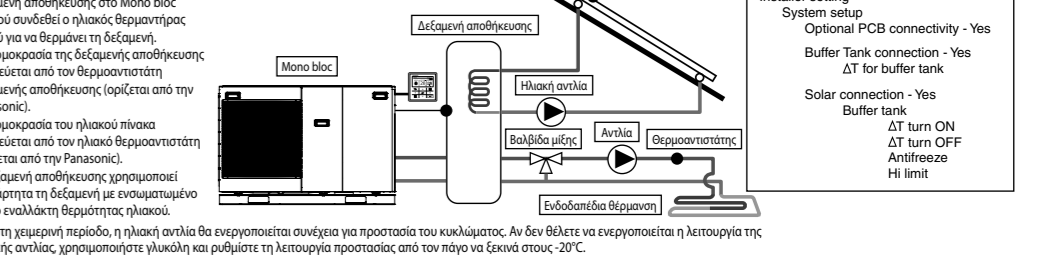
Ανάλυση 2 ζώνων (Εξωτερικός θερμοστάτης + Κλιματισμός). Αντίστοιχα με την προεπισκόπηση σχεδίαση με τη ρύθμιση θερμοκρασίας του νερού κλιματισμού.

Ανάλυση 2 ζώνων (Εξωτερικός θερμοστάτης + Κλιματισμός)



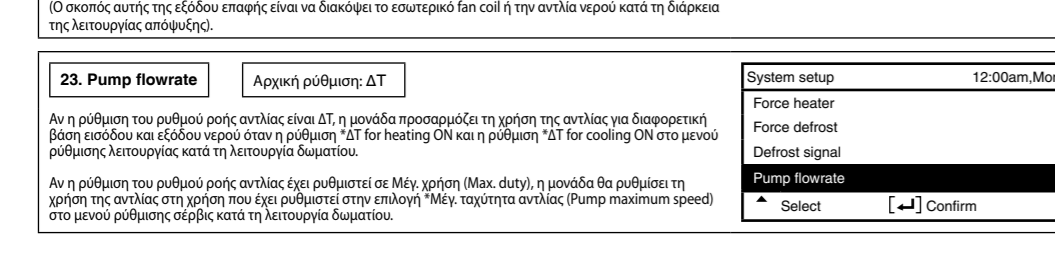
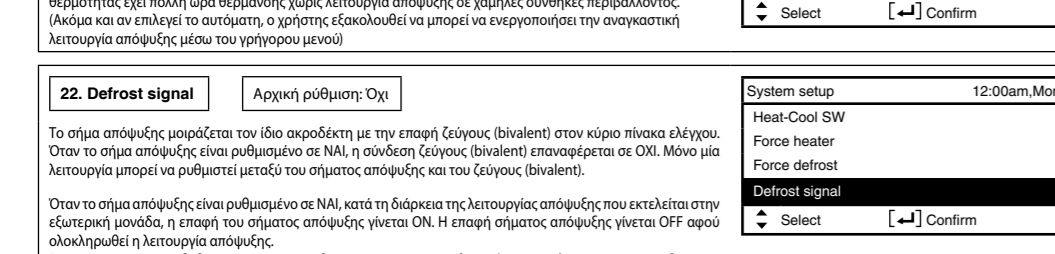
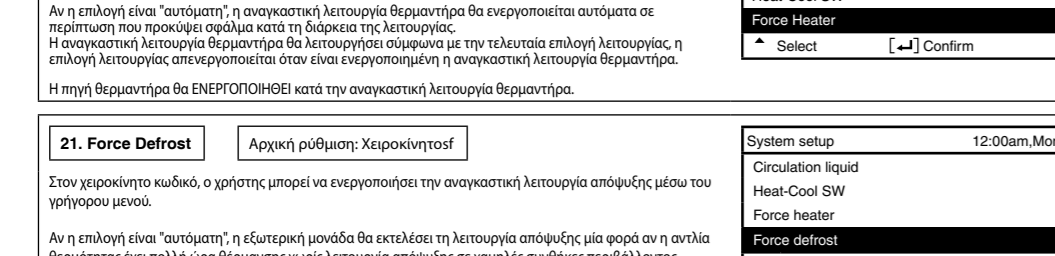
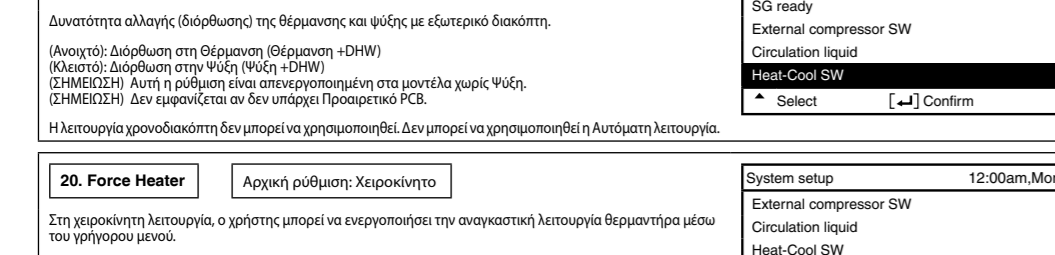
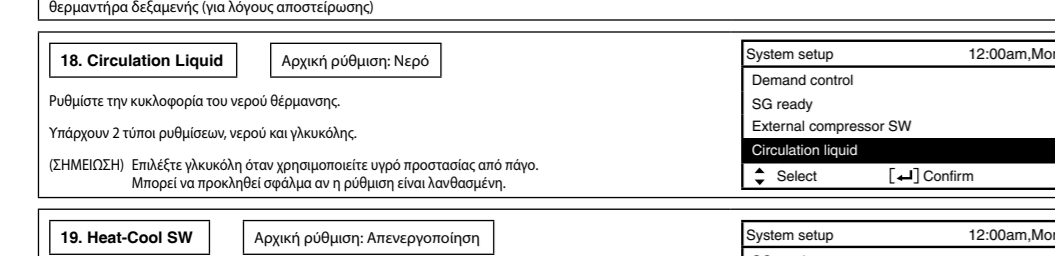
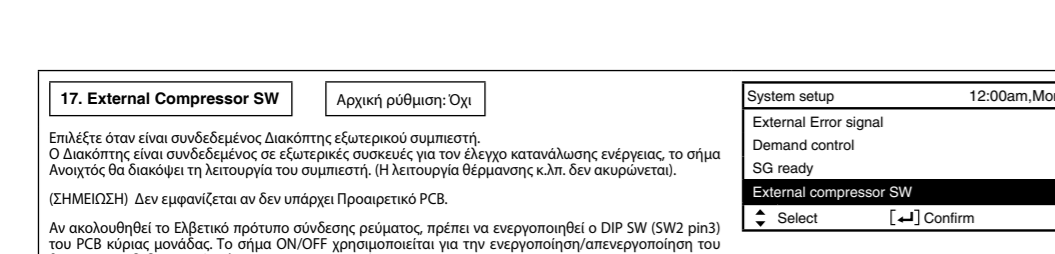
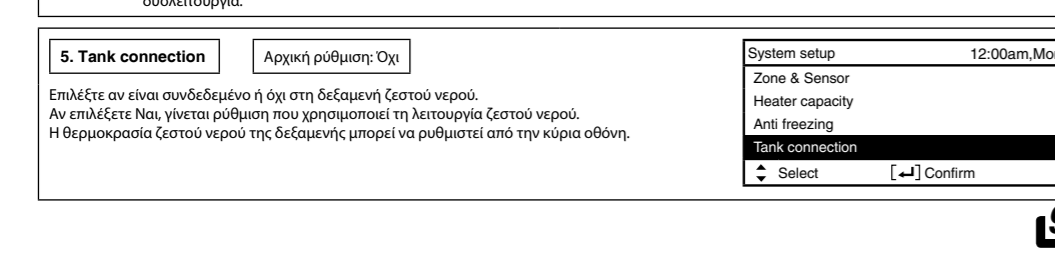
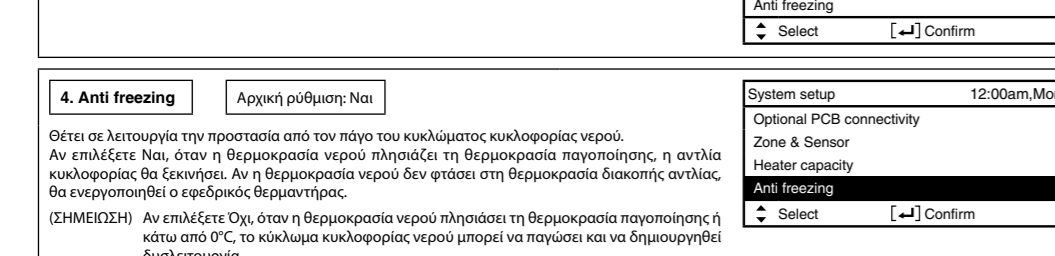
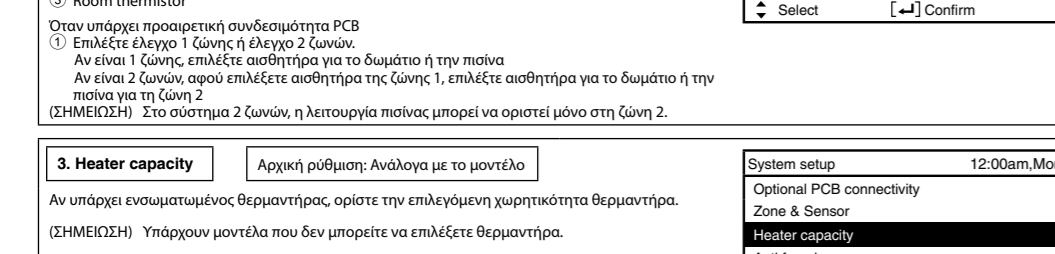
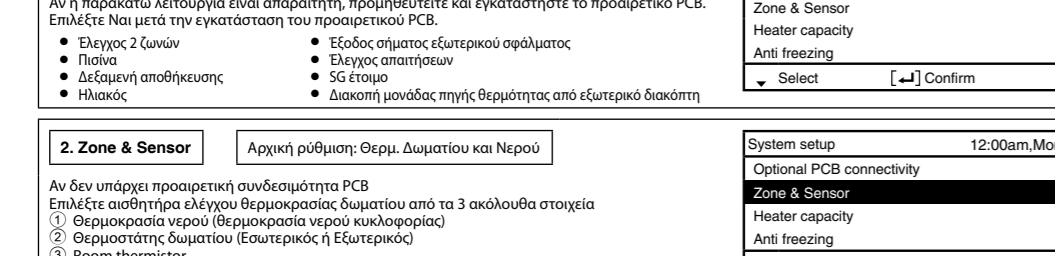
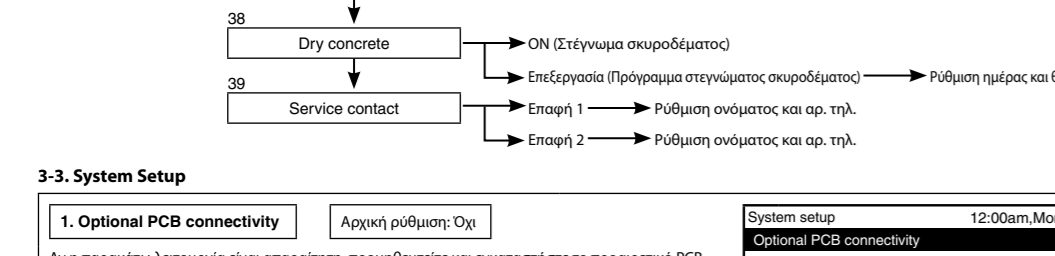
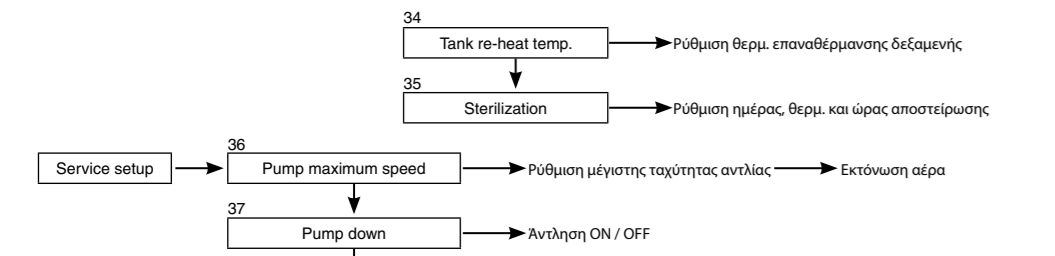
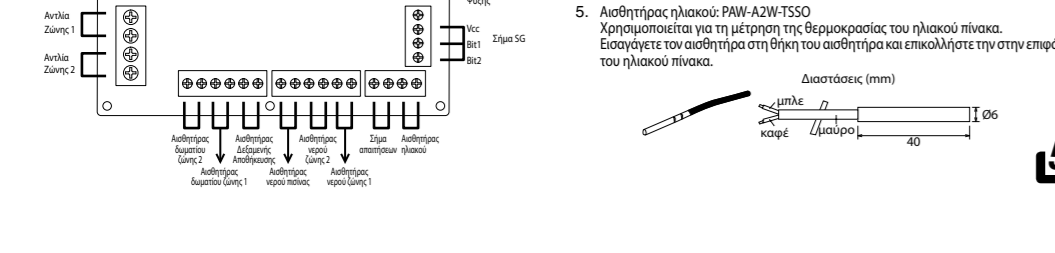
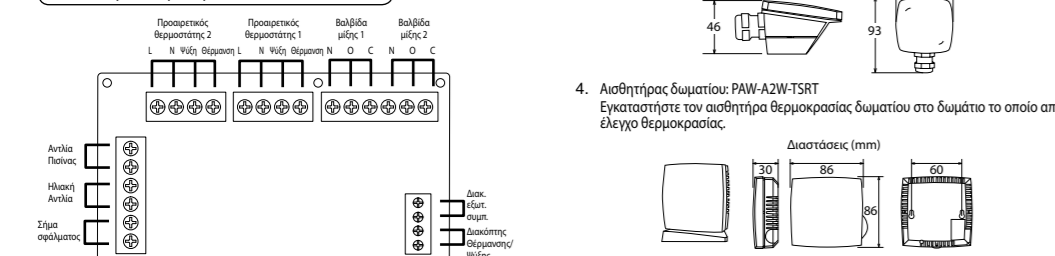
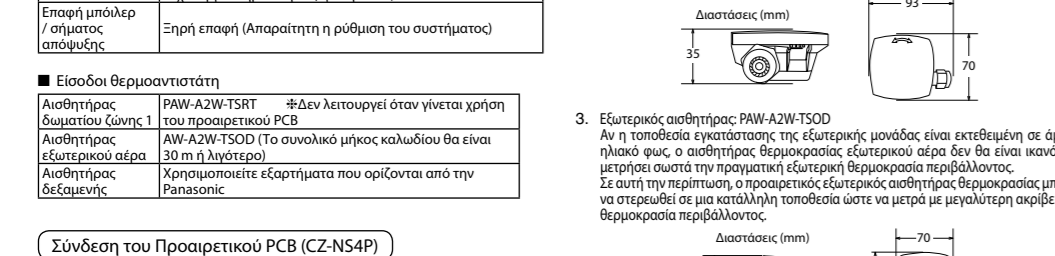
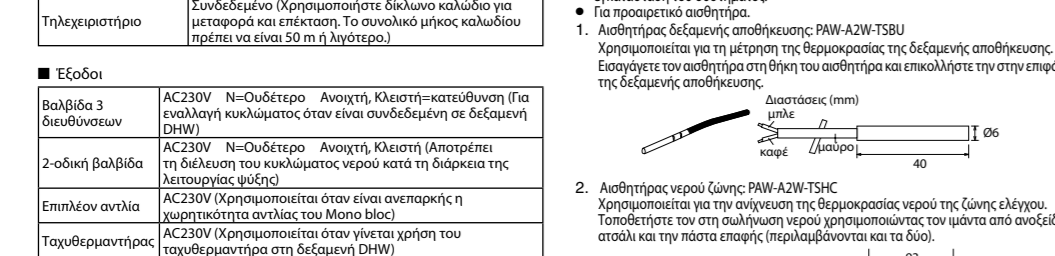
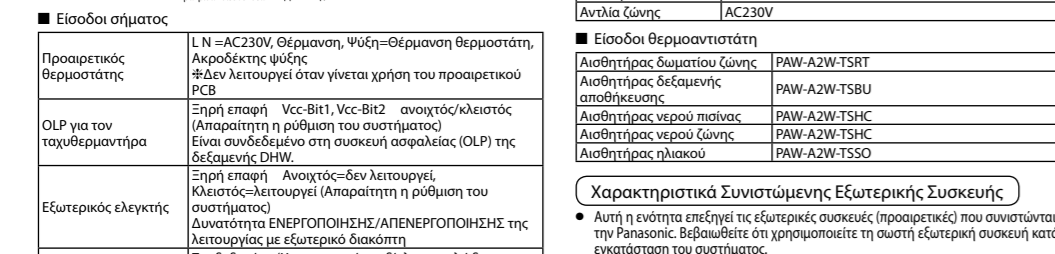
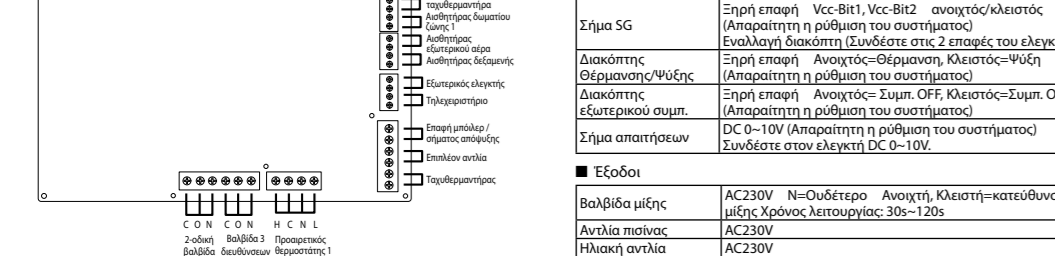
Ανάλυση 2 ζώνων (Εξωτερικός θερμοστάτης + Κλιματισμός). Αντίστοιχα με την προεπισκόπηση σχεδίαση με τη ρύθμιση θερμοκρασίας του νερού κλιματισμού.

Ανάλυση 2 ζώνων (Εξωτερικός θερμοστάτης + Κλιματισμός)



Ανάλυση 2 ζώνων (Εξωτερικός θερμοστάτης + Κλιματισμός). Αντίστοιχα με την προεπισκόπηση σχεδίαση με τη ρύθμιση θερμοκρασίας του νερού κλιματισμού.

Συνδεση του κεντρικού PCB

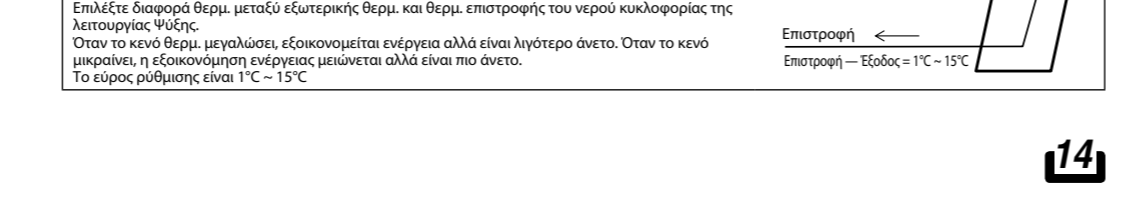
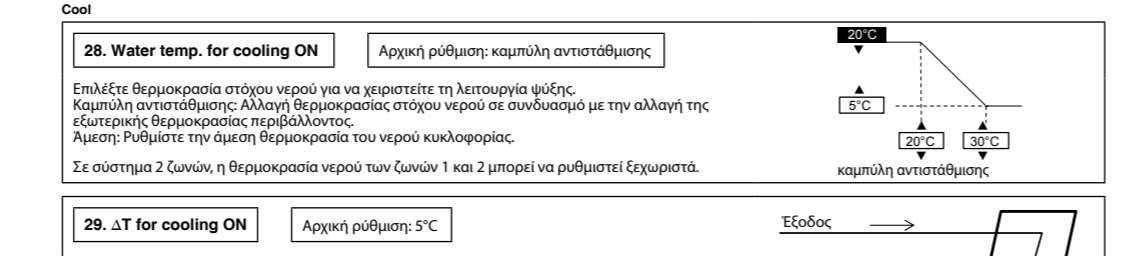
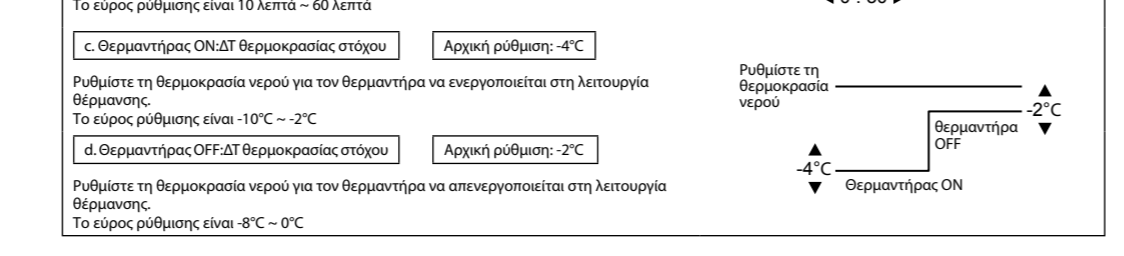
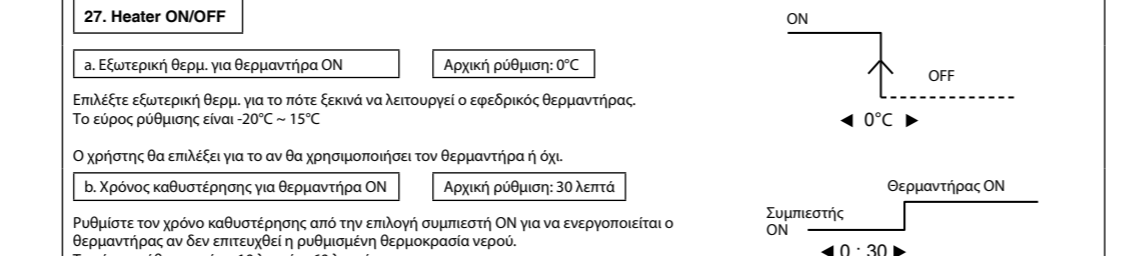
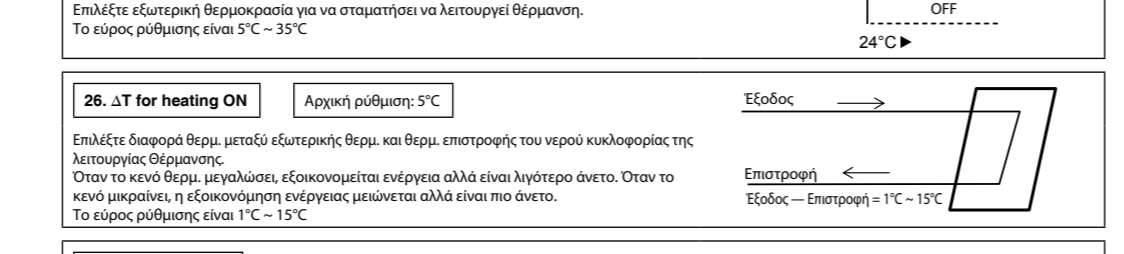
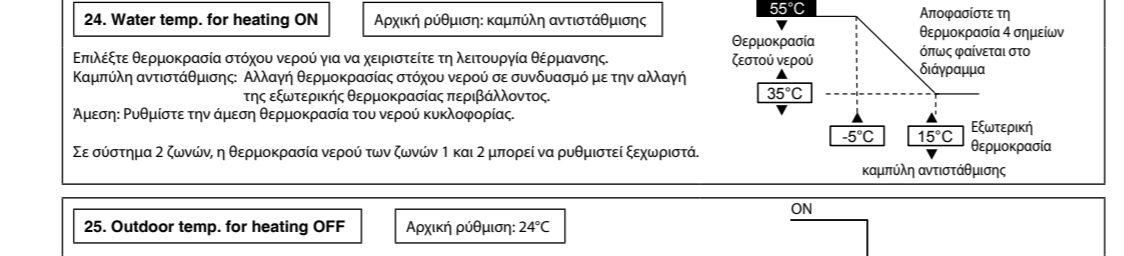
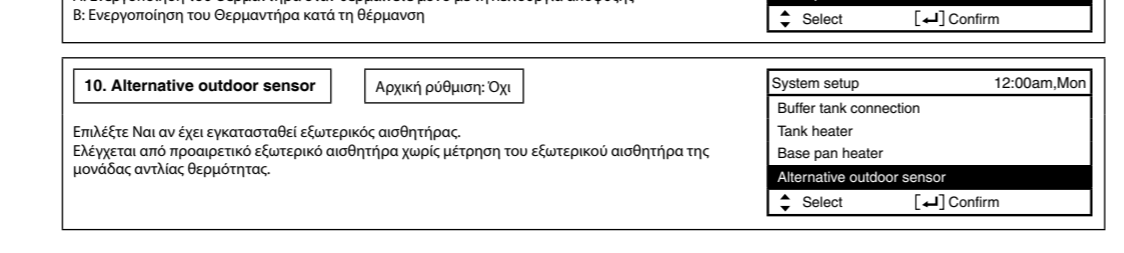
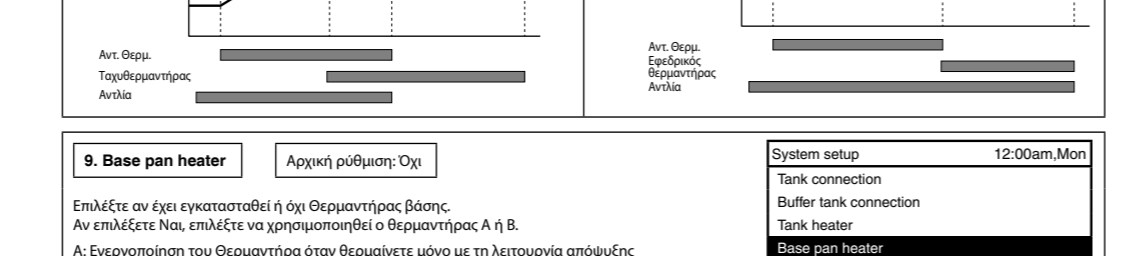
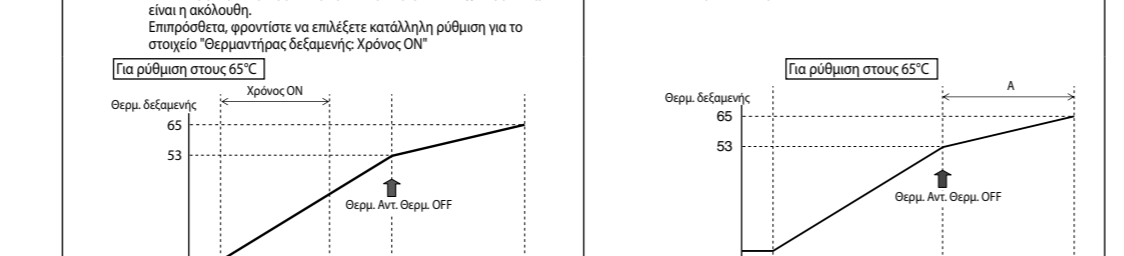
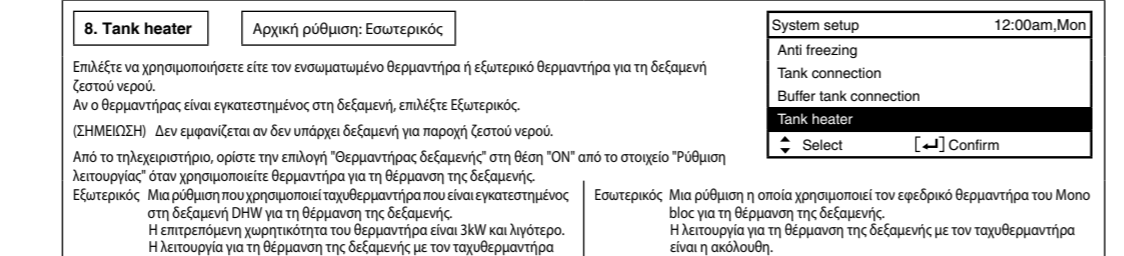
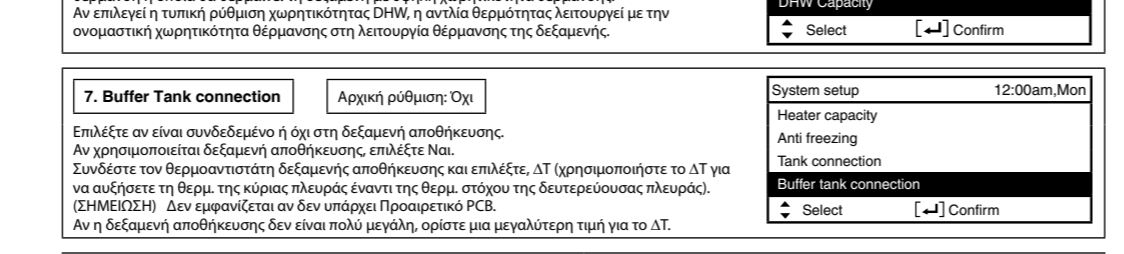
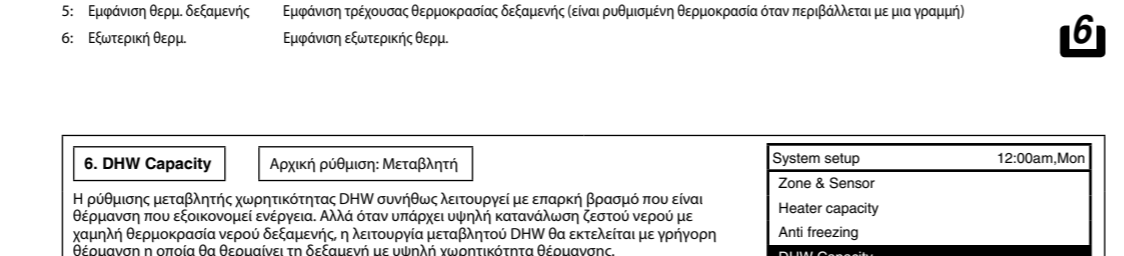
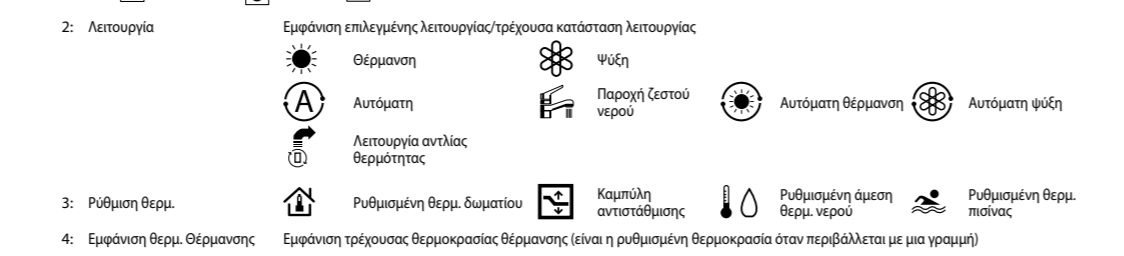
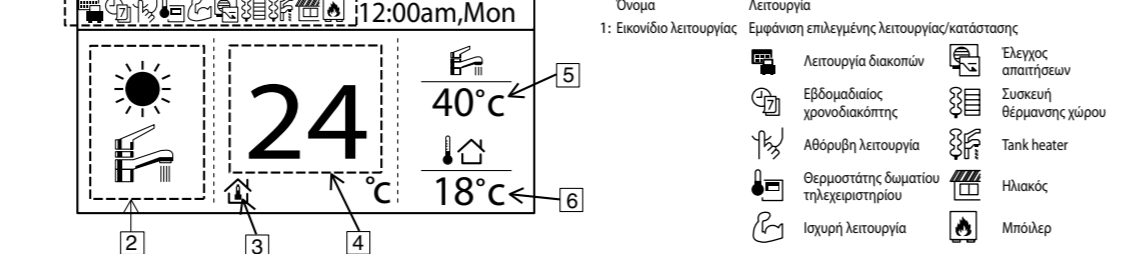
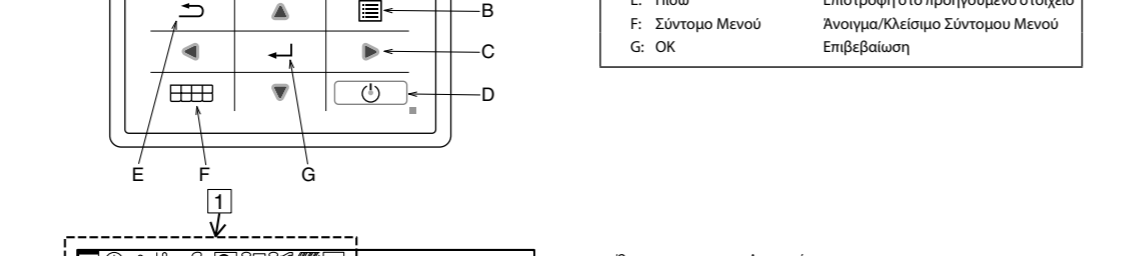


6. Απαιτήσεις στην προεπισκόπηση για να χαρακτηριστεί η προεπισκόπηση σωστή.

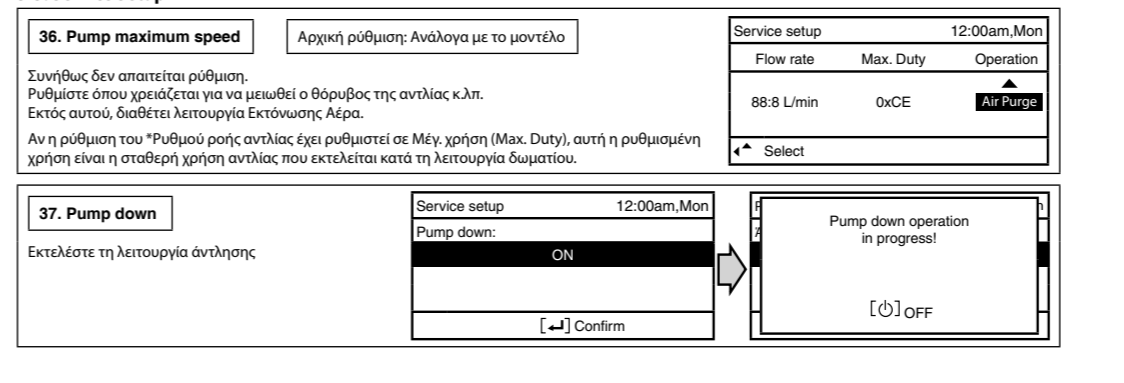
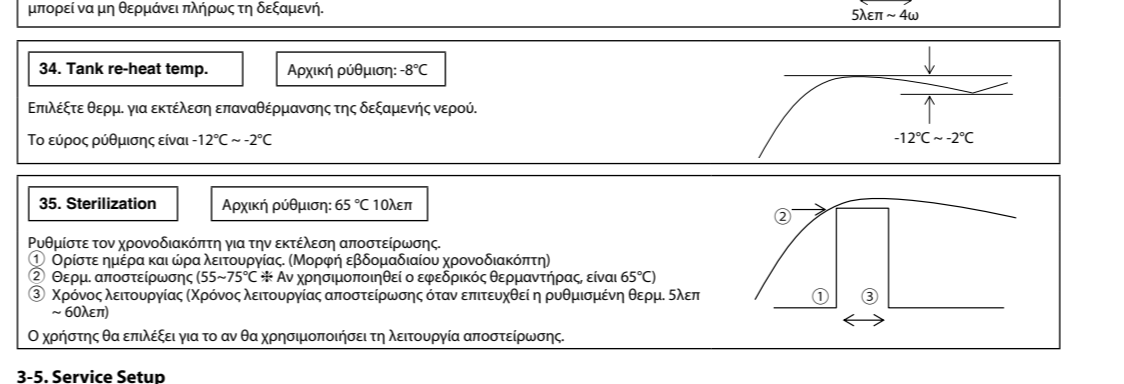
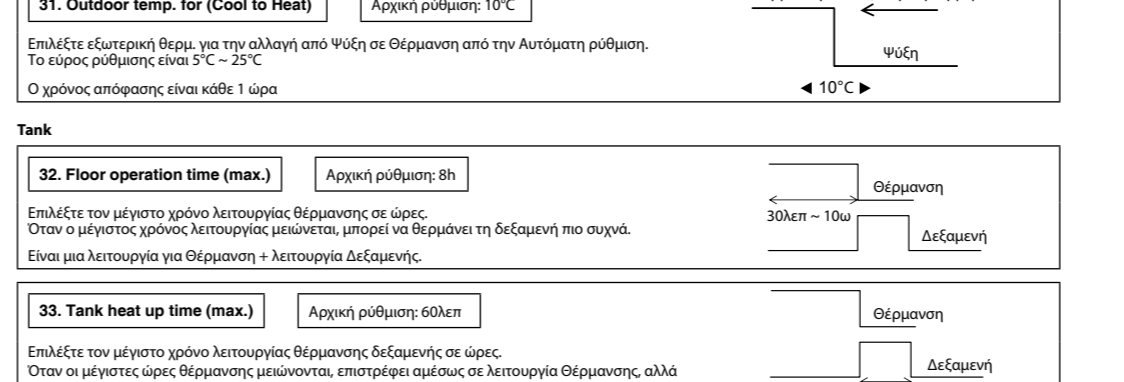
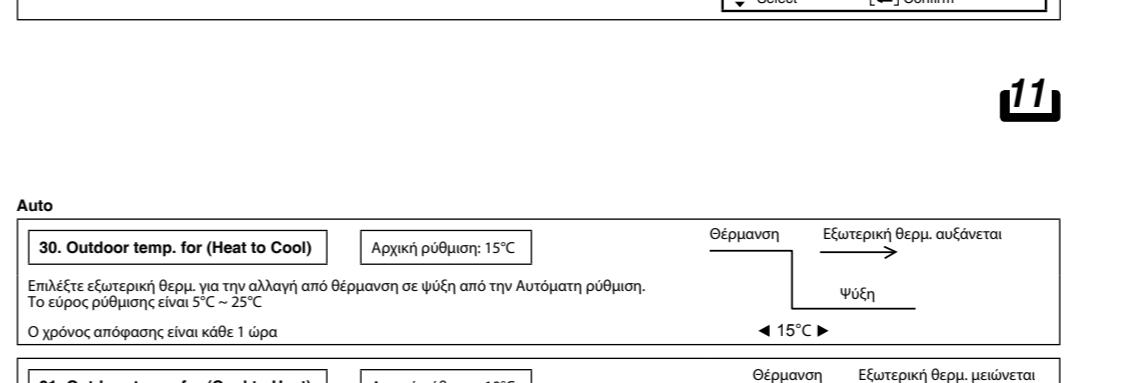
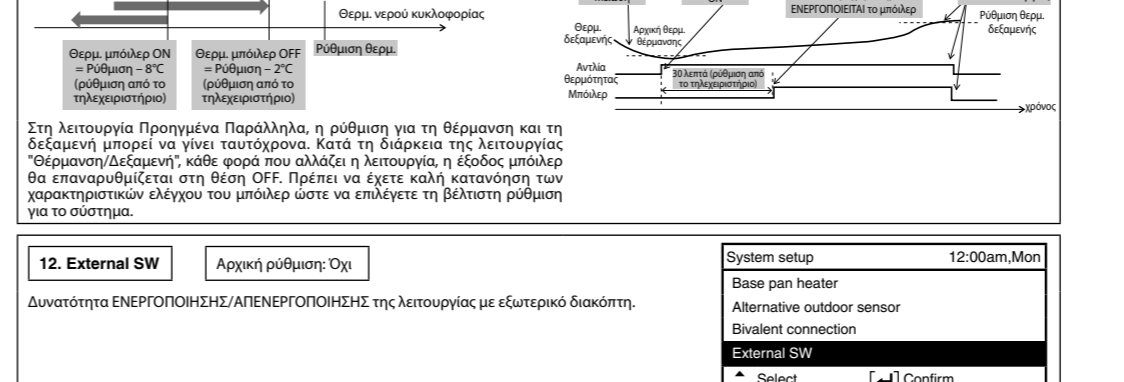
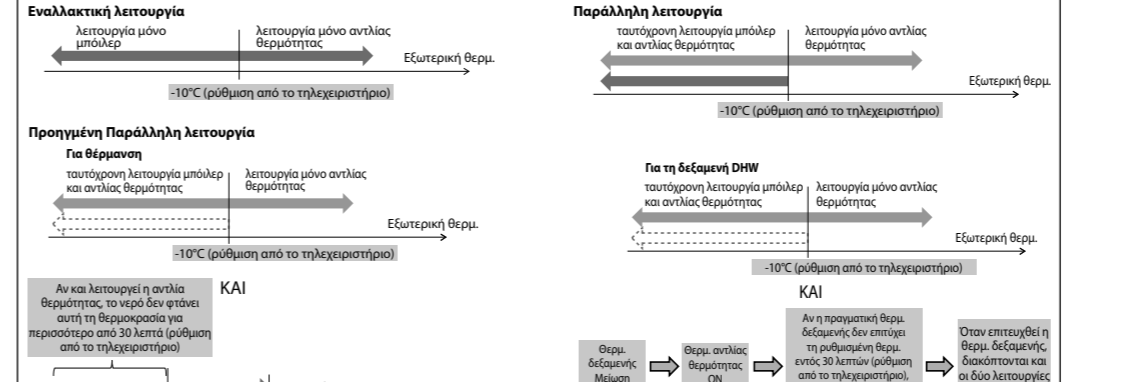
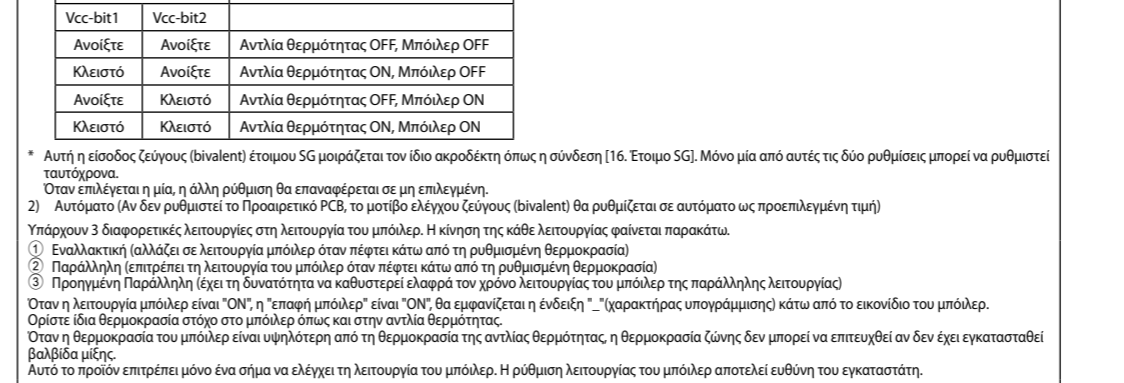
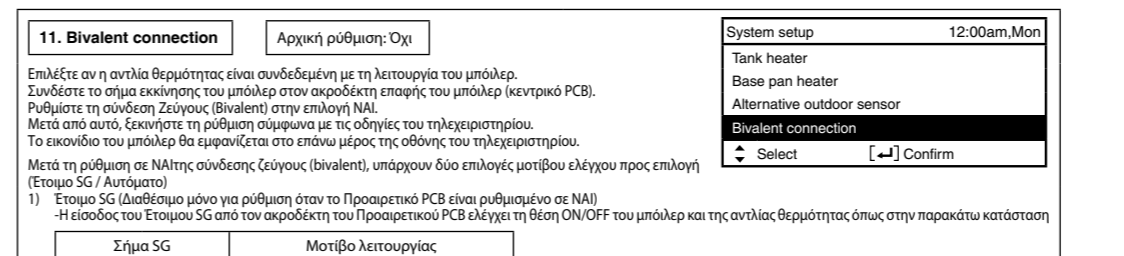
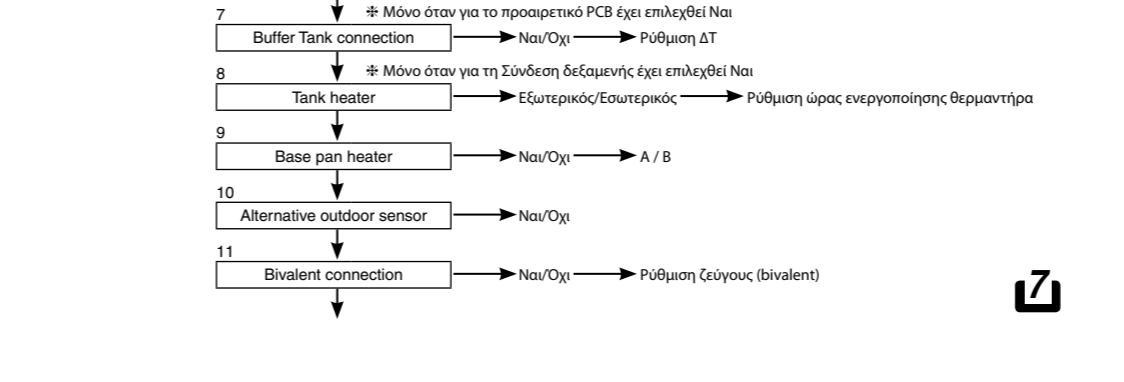
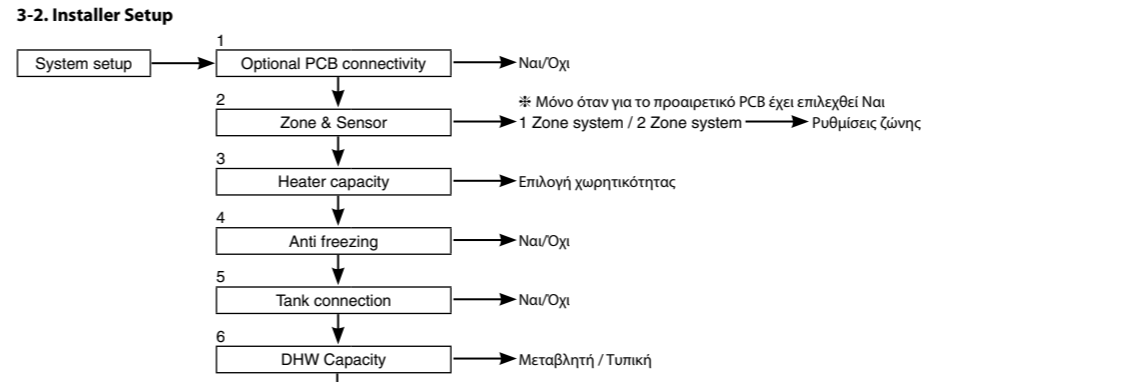
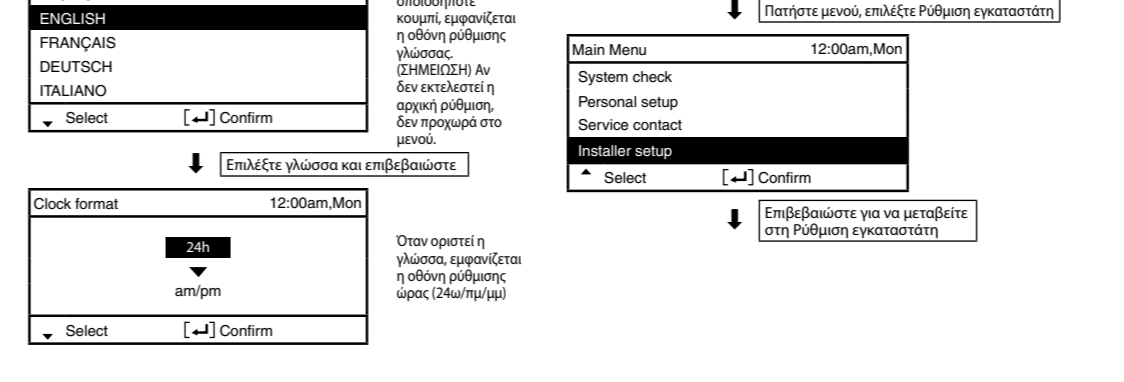
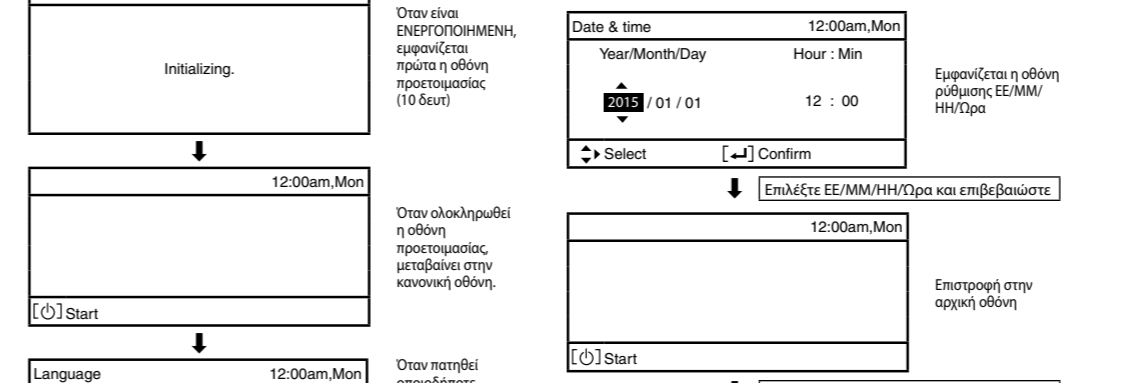
Table with columns: Θερμοκρασία (°C), Αποστάση (m), and Απαιτήσεις (Requirements).

3. Εγκατάσταση συστήματος

3-1. Προεπισκόπηση της εγκατάστασης



Πρώτη ΕΠΕΡΕΩΣΗ (Ενεργεί η εγκατάσταση)

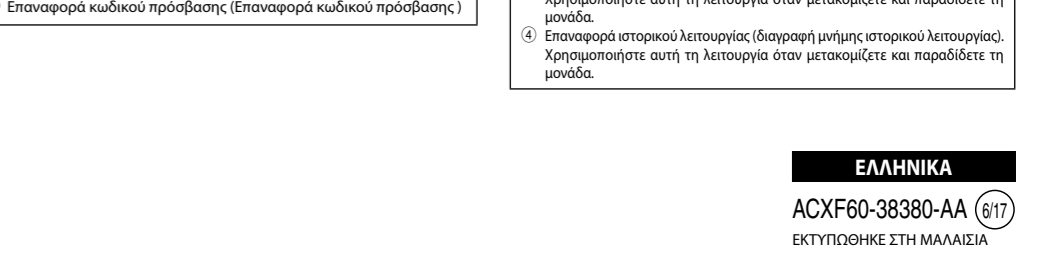
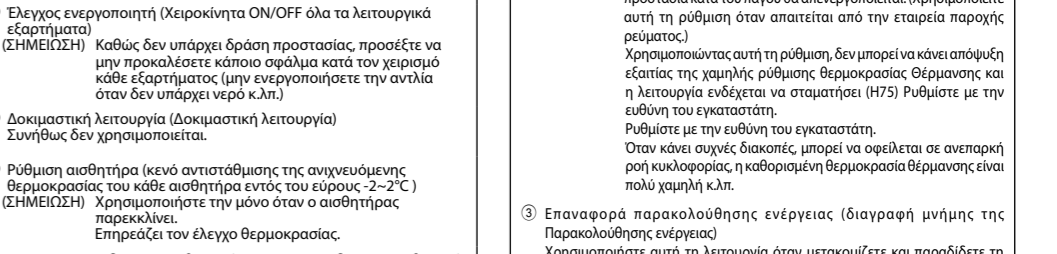
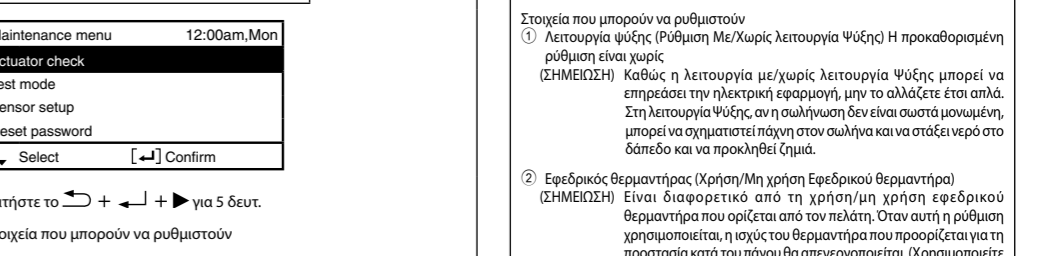
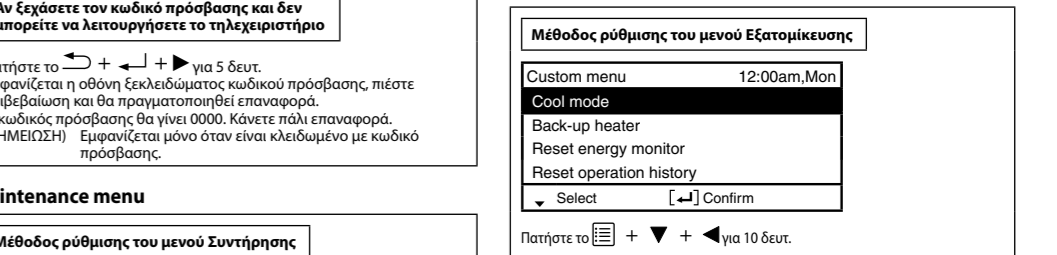
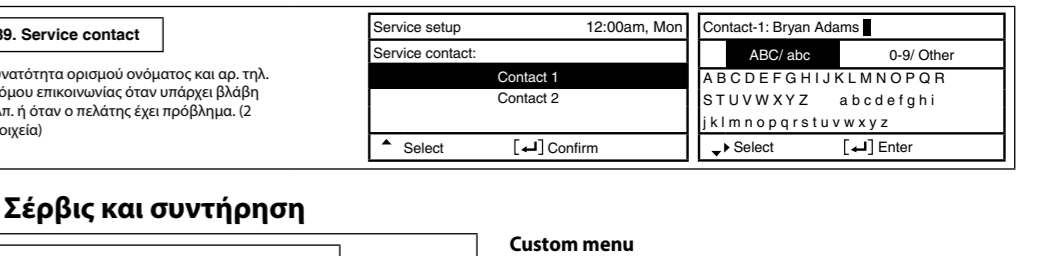
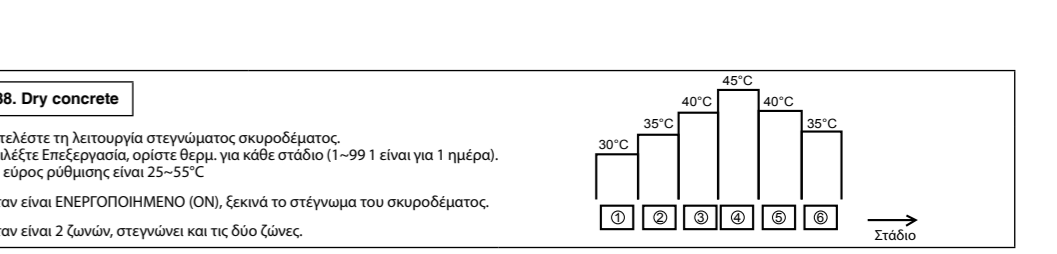
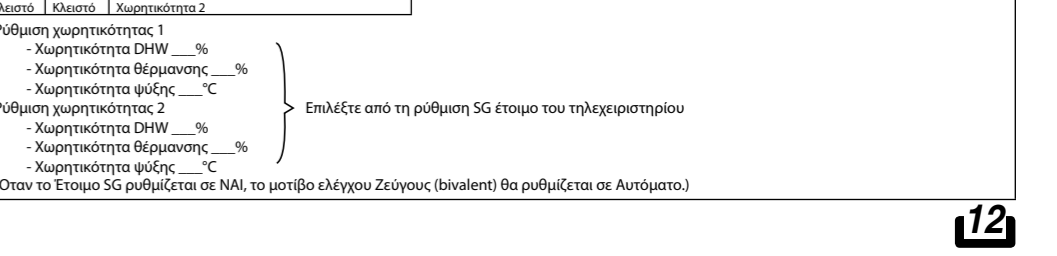
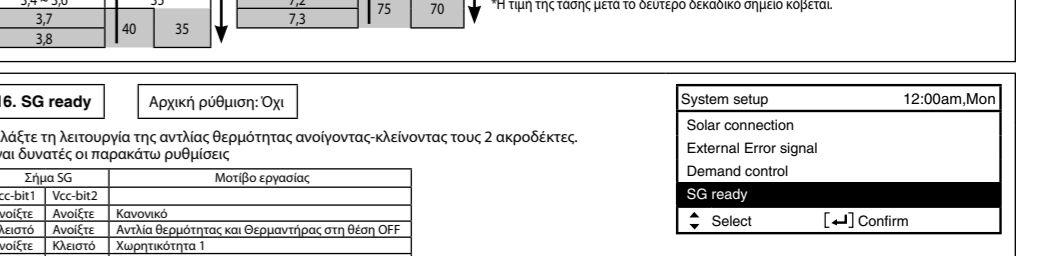
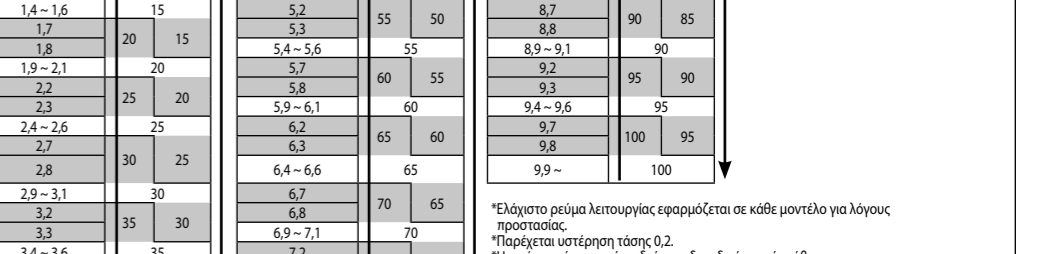
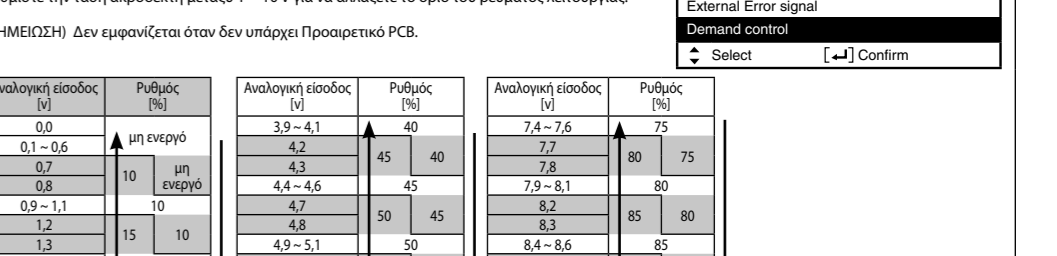
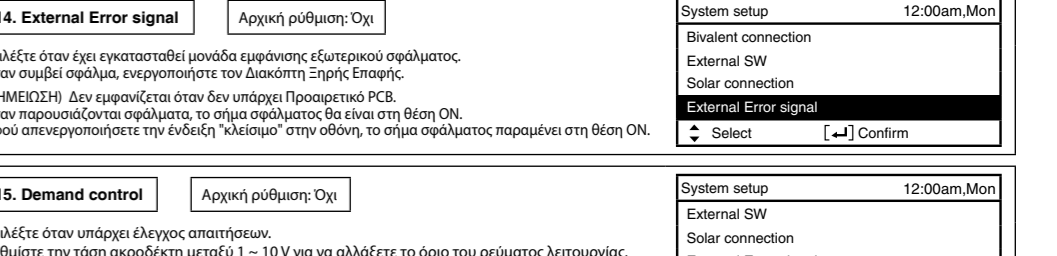
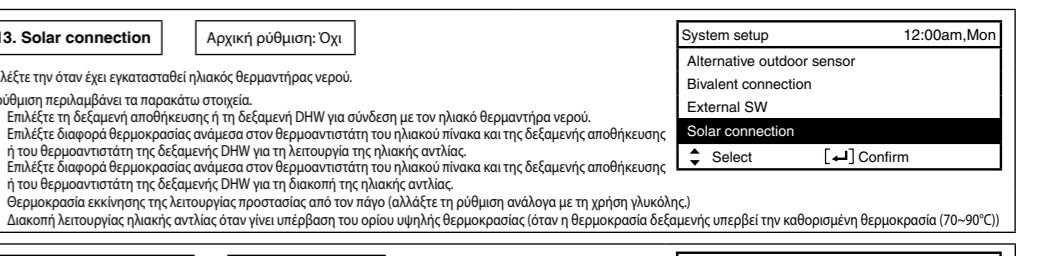
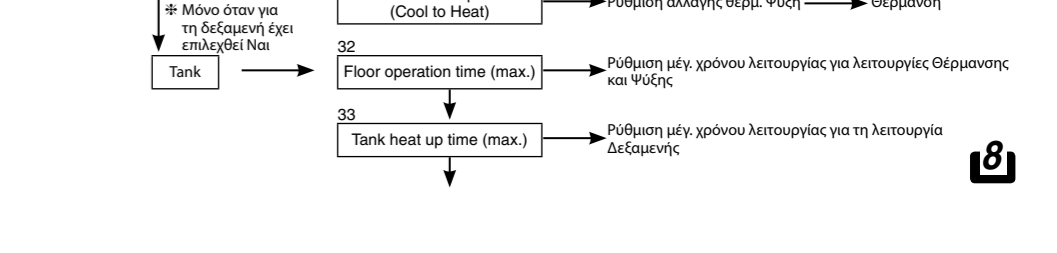
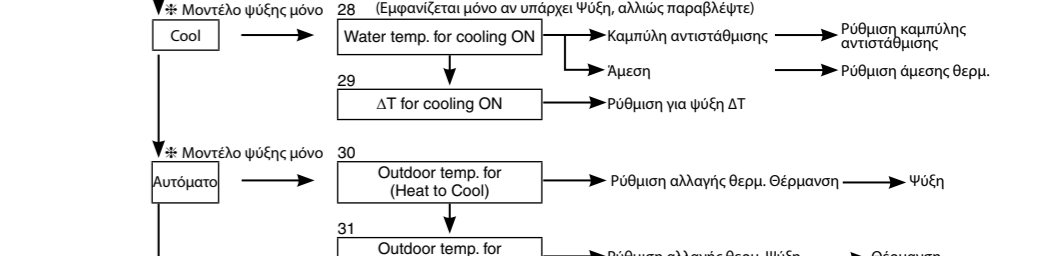
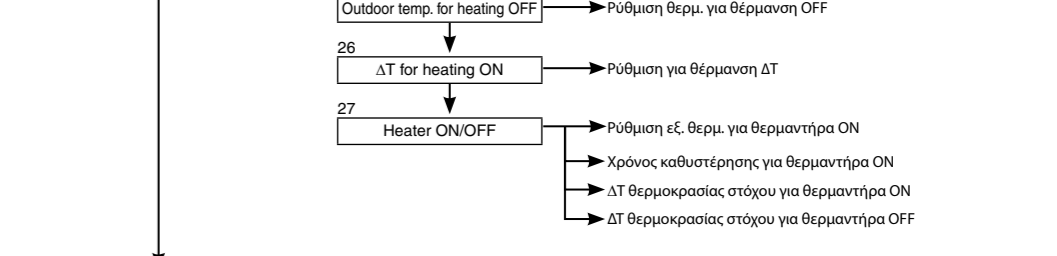
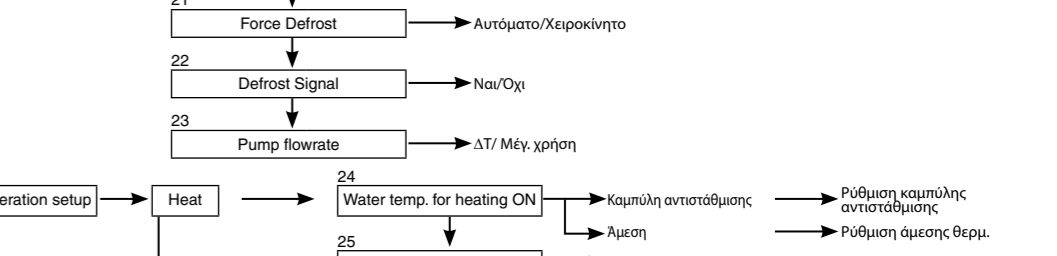


ΠΡΟΕΙΔΟΠΟΙΗΣΗ

Προειδοποίηση σχετικά με την εγκατάσταση. ΠΡΟΣΟΧΗ: Φροντίστε να μη βυθιστείτε στο νερό...

2. Τρόπος στερέωσης εξωτερικής μονάδας

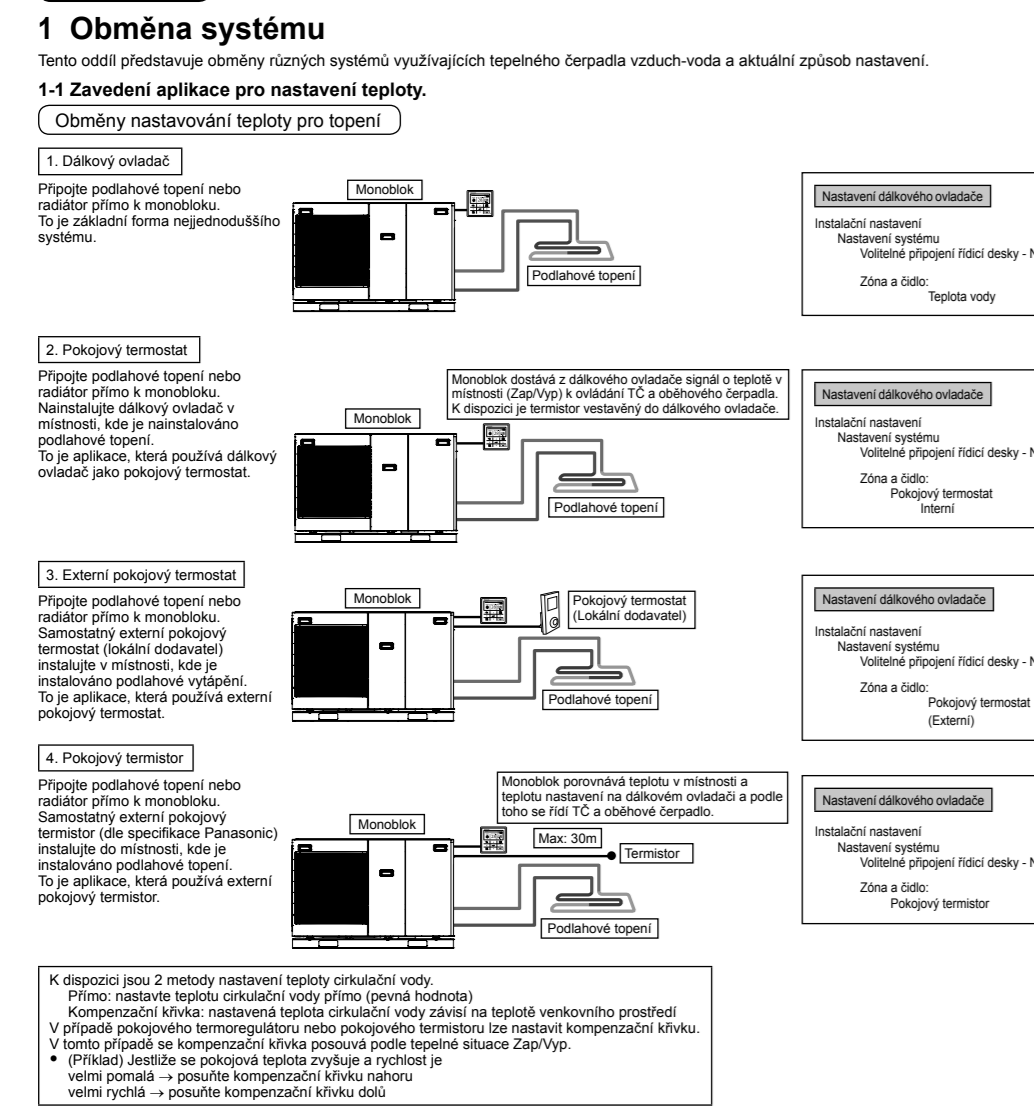
Table with columns: Θέση στερέωσης, Μέγιστη μάζα (kg), and Μέγιστη μάζα (kg).



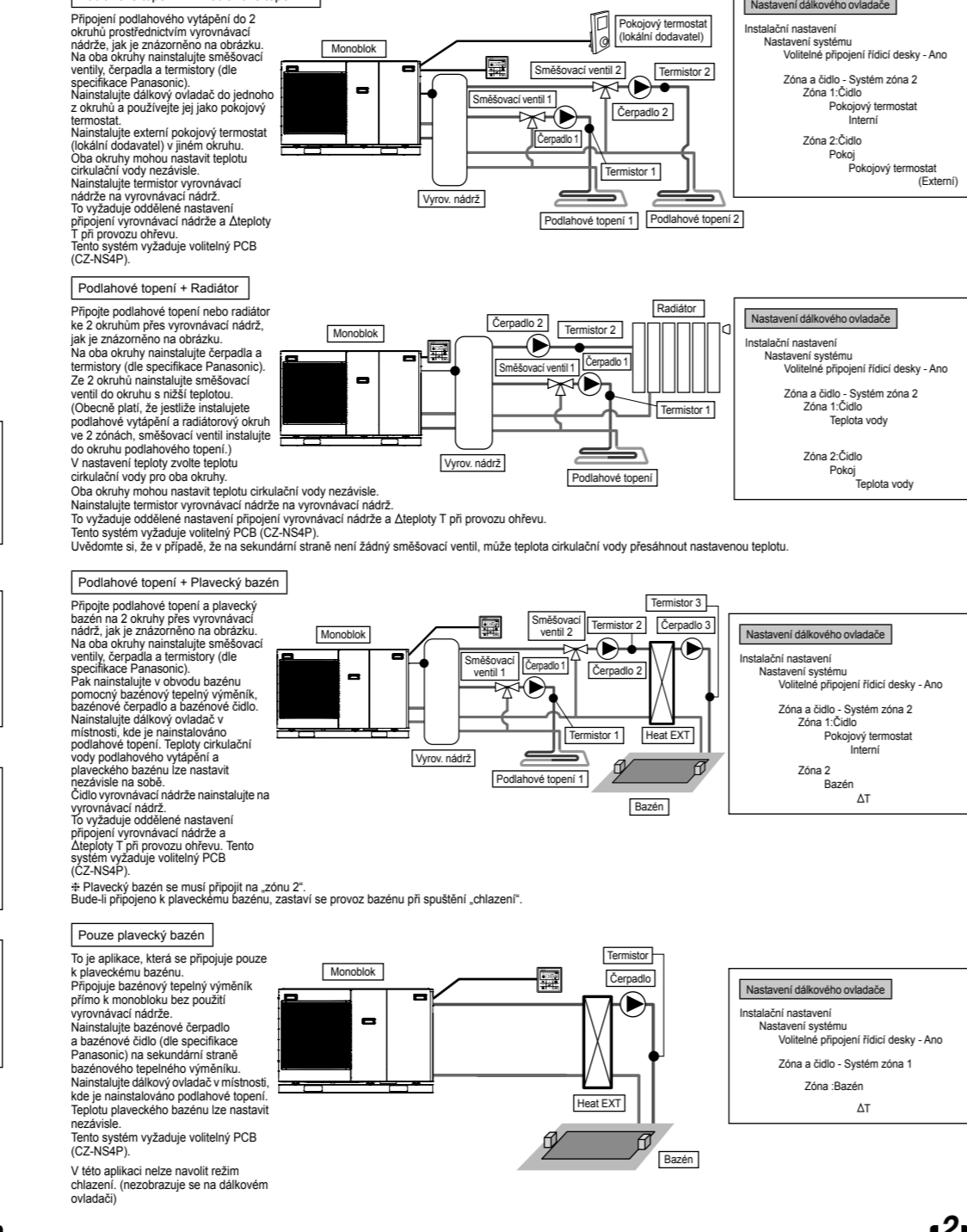
Manuál pro instalaci TEPELNÉ ČERPADLO VZDUCH VODA (MONOBLOK) WH-MDC05J3E5, WH-MDC07J3E5, WH-MDC09J3E5

1.1 Obecná systémová Tento oddíl představuje obecný návrh systému využívajícího tepelného čerpadla vzduch-voda a aktuální způsob nastavení.

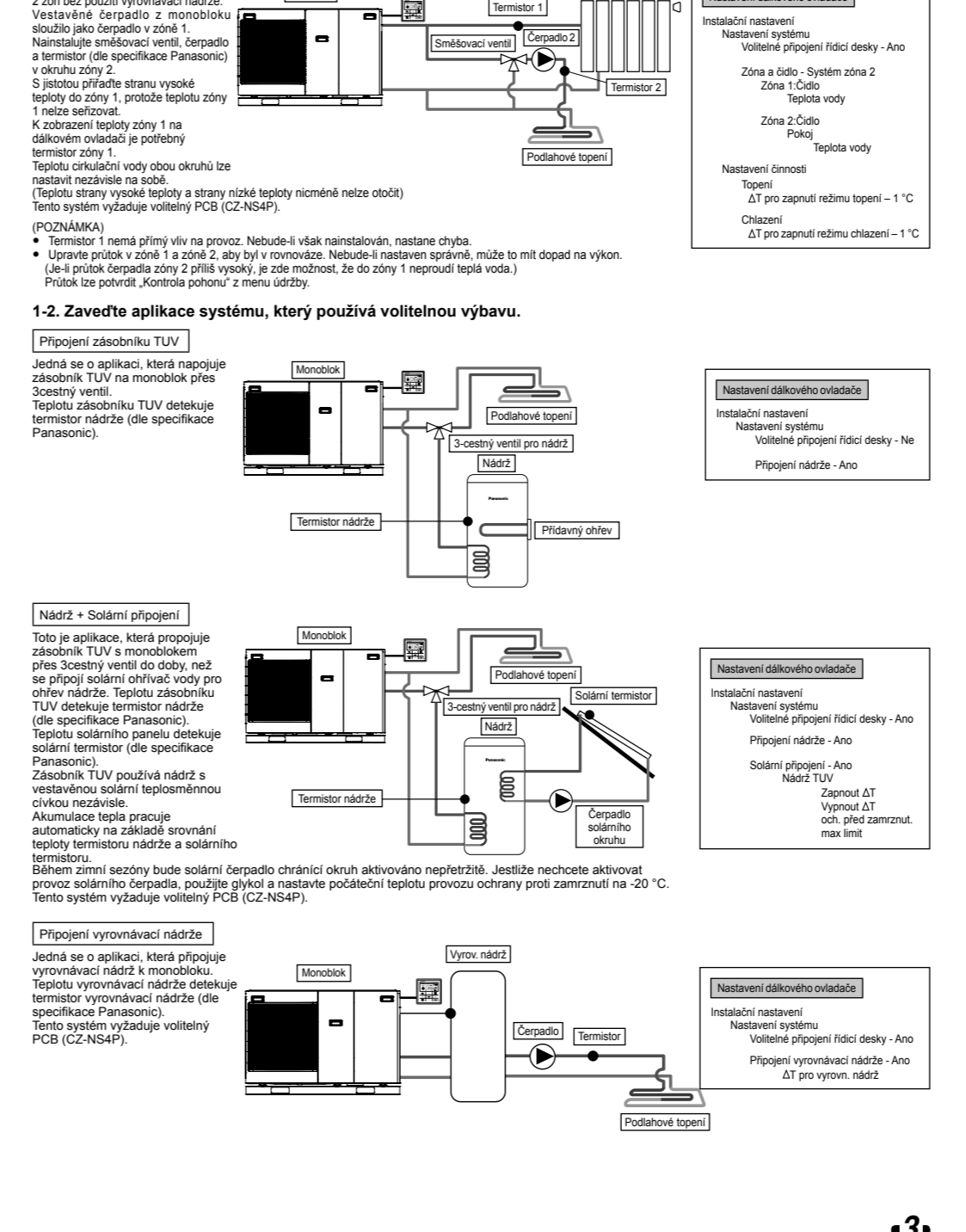
1.2 Zavedení aplikace pro nastavení teploty. Obecné nastavení teploty pro topení



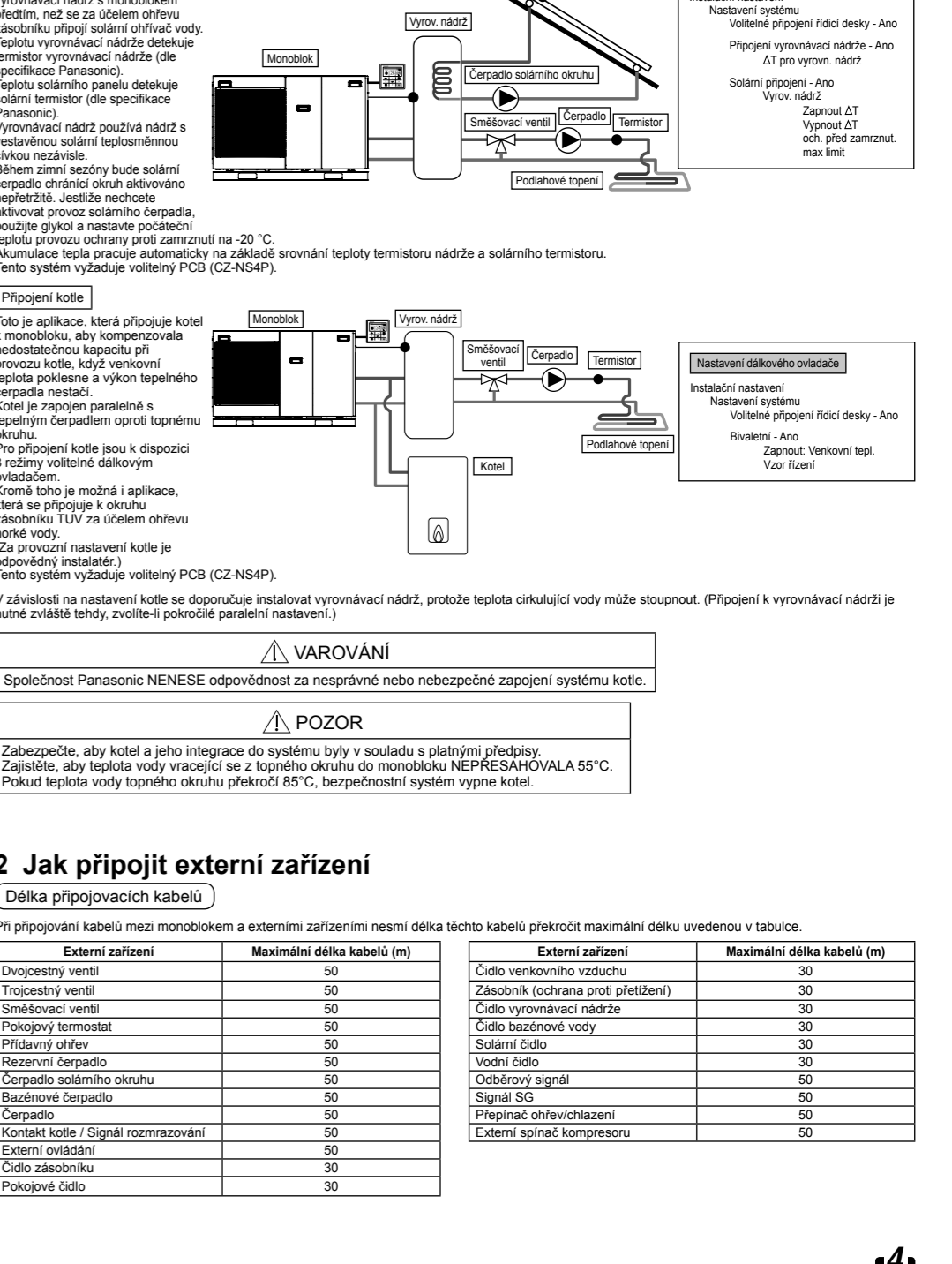
1.3 Zavedení aplikace pro nastavení teploty. Obecné nastavení teploty pro topení



1.4 Zavedení aplikace pro nastavení teploty. Obecné nastavení teploty pro topení



1.5 Zavedení aplikace pro nastavení teploty. Obecné nastavení teploty pro topení



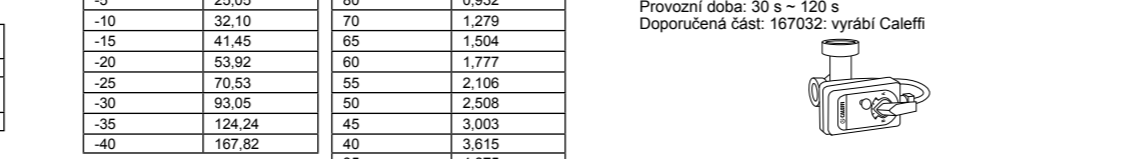
2. Jak připojit externí zařízení

Table with 3 columns: Externí zařízení, Maximální délka kabelu (m), a list of external devices like Radiátor, Podlahové topení, etc.

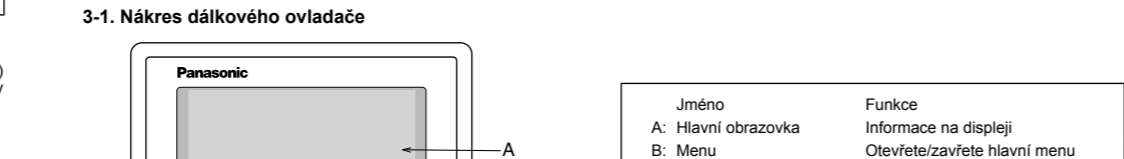
3. Nastavení systému

Table with 3 columns: Typ topení, Teplota, Odpočet, a list of temperature settings for different heating types.

3.1. Nastavení teploty



3.2. Nastavení teploty



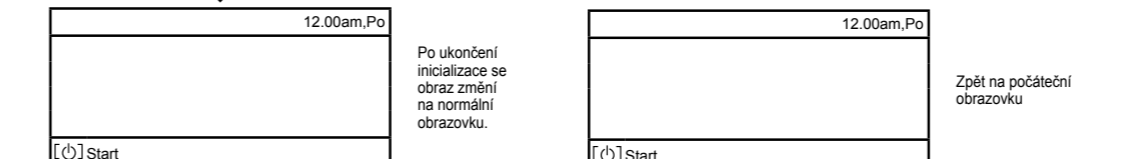
3.3. Nastavení teploty



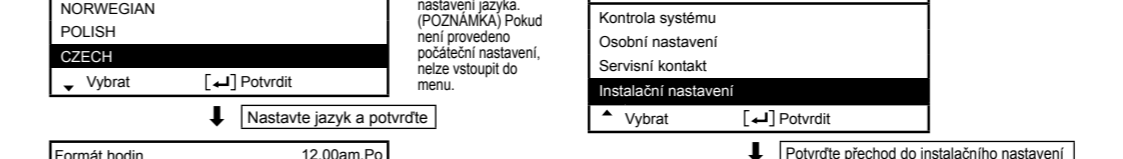
3.4. Nastavení teploty

Table with 3 columns: Typ topení, Teplota, Odpočet, a list of temperature settings for different heating types.

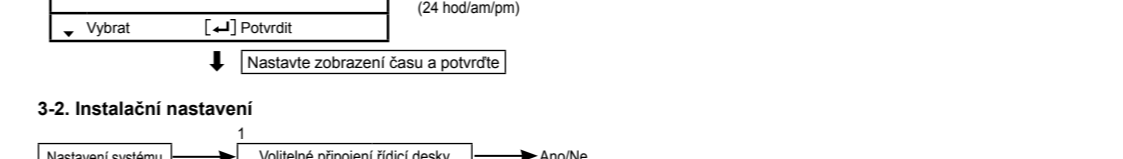
3.5. Nastavení teploty



3.6. Nastavení teploty



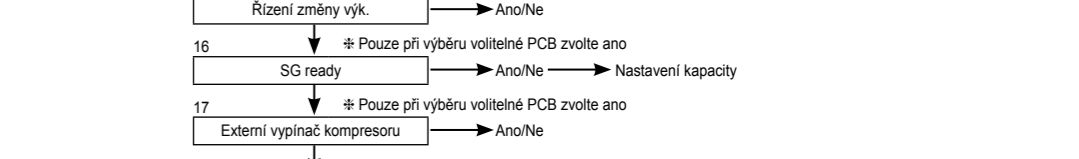
3.7. Nastavení teploty



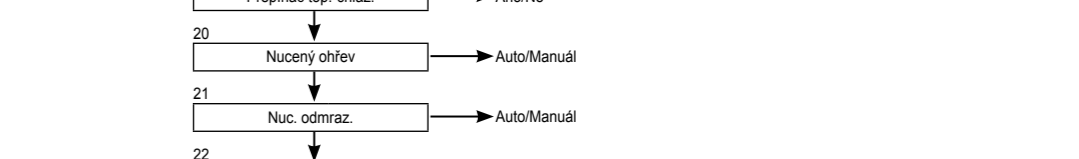
3.8. Nastavení teploty

Table with 3 columns: Typ topení, Teplota, Odpočet, a list of temperature settings for different heating types.

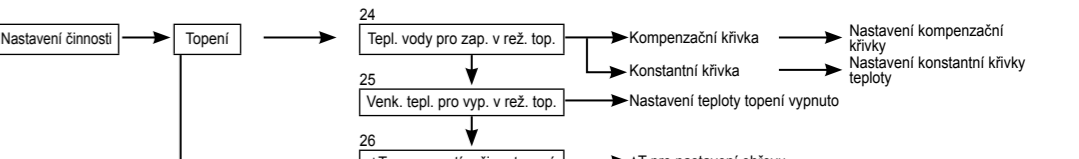
3.9. Nastavení teploty



3.10. Nastavení teploty



3.11. Nastavení teploty



4.1. Nastavení teploty

Table with 3 columns: Typ topení, Teplota, Odpočet, a list of temperature settings for different heating types.

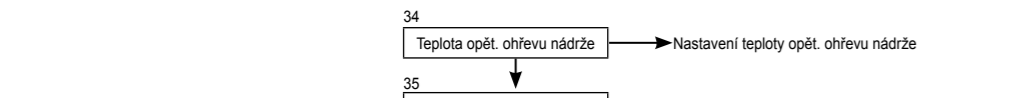
4.2. Nastavení teploty



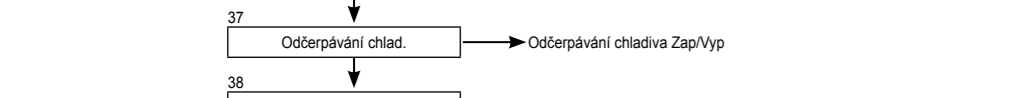
4.3. Nastavení teploty



4.4. Nastavení teploty



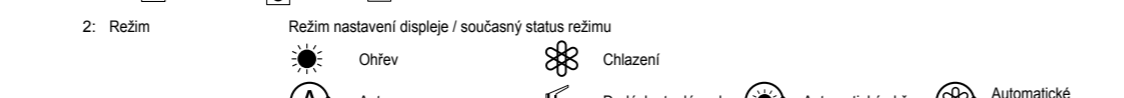
4.5. Nastavení teploty



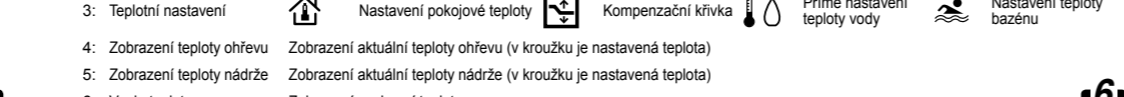
4.6. Nastavení teploty

Table with 3 columns: Typ topení, Teplota, Odpočet, a list of temperature settings for different heating types.

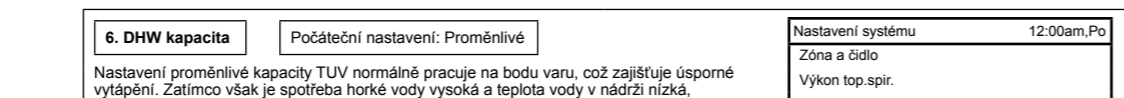
4.7. Nastavení teploty



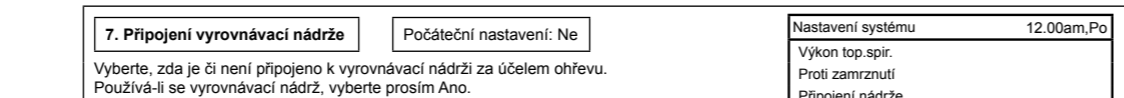
4.8. Nastavení teploty



4.9. Nastavení teploty



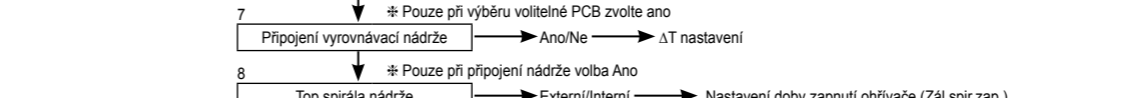
4.10. Nastavení teploty



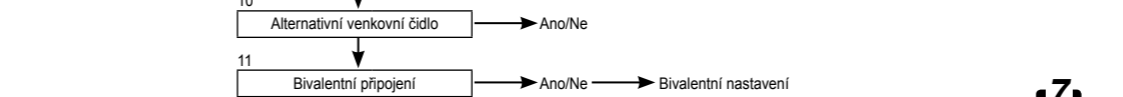
4.11. Nastavení teploty

Table with 3 columns: Typ topení, Teplota, Odpočet, a list of temperature settings for different heating types.

4.12. Nastavení teploty



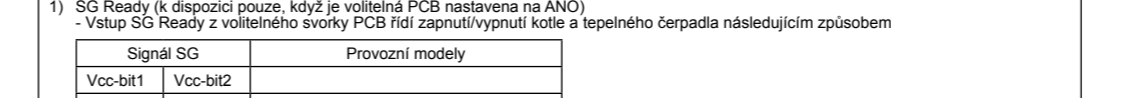
4.13. Nastavení teploty



4.14. Nastavení teploty



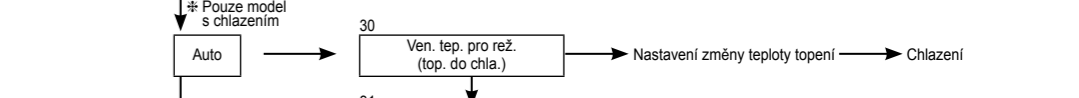
4.15. Nastavení teploty



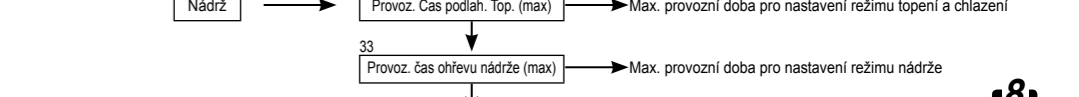
4.16. Nastavení teploty

Table with 3 columns: Typ topení, Teplota, Odpočet, a list of temperature settings for different heating types.

4.17. Nastavení teploty



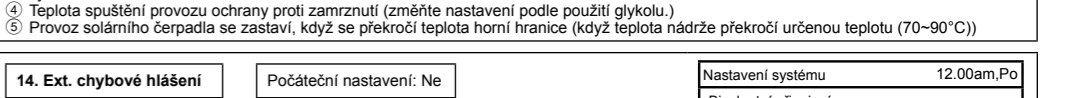
4.18. Nastavení teploty



4.19. Nastavení teploty



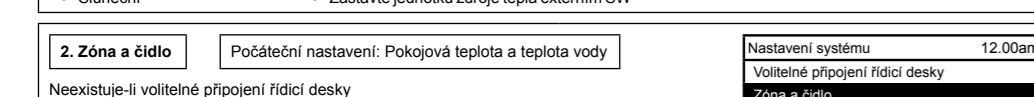
4.20. Nastavení teploty



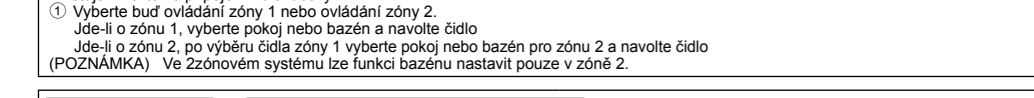
5.1. Nastavení teploty

Table with 3 columns: Typ topení, Teplota, Odpočet, a list of temperature settings for different heating types.

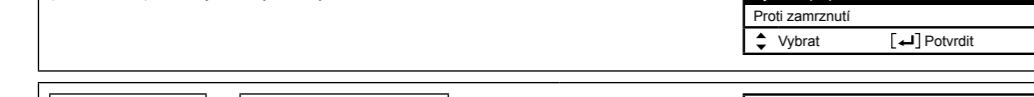
5.2. Nastavení teploty



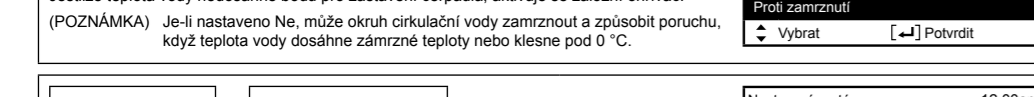
5.3. Nastavení teploty



5.4. Nastavení teploty



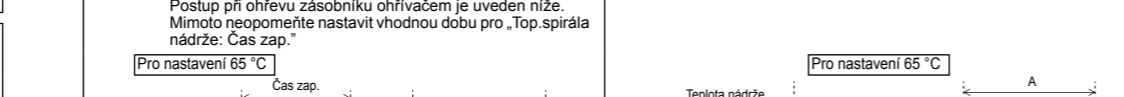
5.5. Nastavení teploty



5.6. Nastavení teploty

Table with 3 columns: Typ topení, Teplota, Odpočet, a list of temperature settings for different heating types.

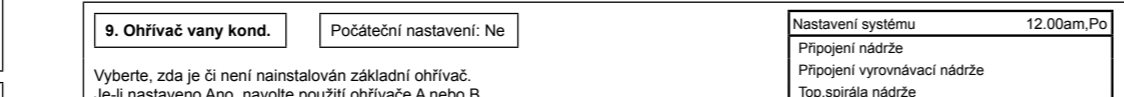
5.7. Nastavení teploty



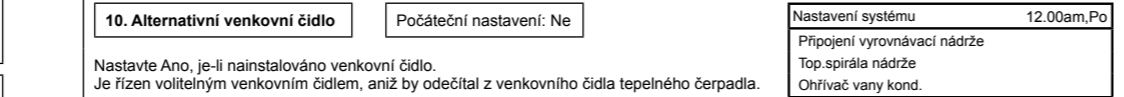
5.8. Nastavení teploty



5.9. Nastavení teploty



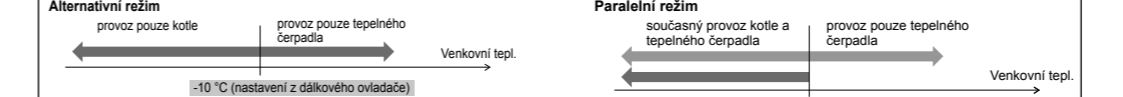
5.10. Nastavení teploty



5.11. Nastavení teploty

Table with 3 columns: Typ topení, Teplota, Odpočet, a list of temperature settings for different heating types.

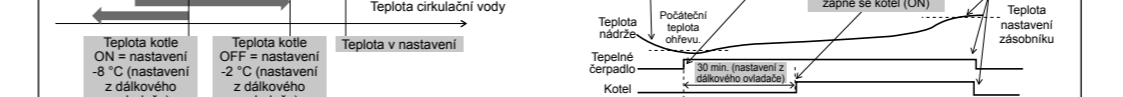
5.12. Nastavení teploty



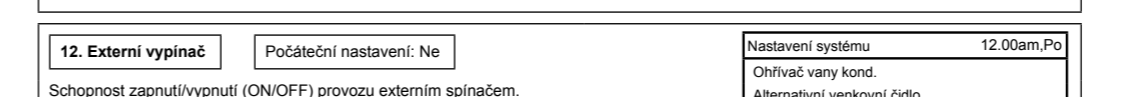
5.13. Nastavení teploty



5.14. Nastavení teploty



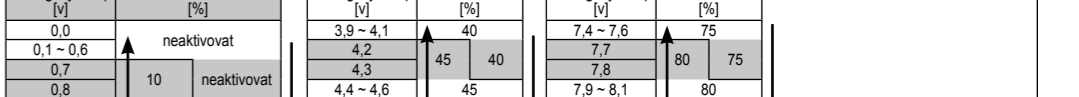
5.15. Nastavení teploty



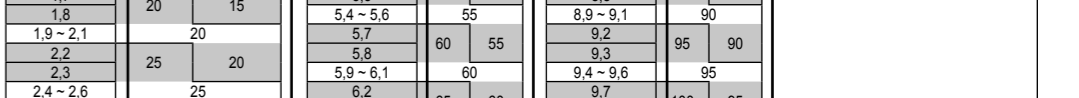
5.16. Nastavení teploty

Table with 3 columns: Typ topení, Teplota, Odpočet, a list of temperature settings for different heating types.

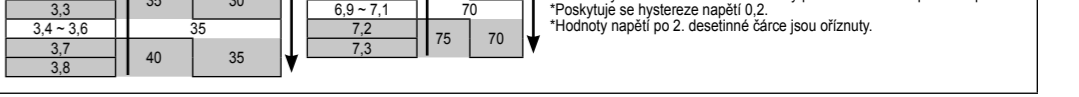
5.17. Nastavení teploty



5.18. Nastavení teploty



5.19. Nastavení teploty



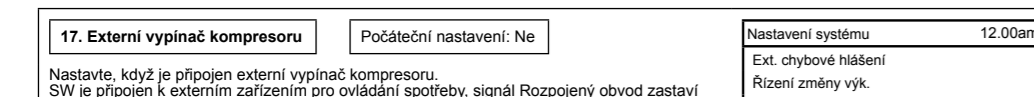
5.20. Nastavení teploty



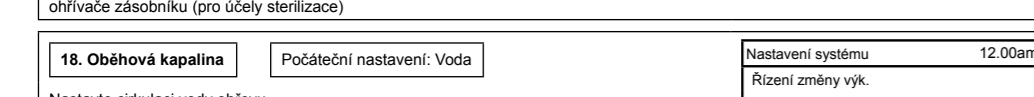
6.1. Nastavení teploty

Table with 3 columns: Typ topení, Teplota, Odpočet, a list of temperature settings for different heating types.

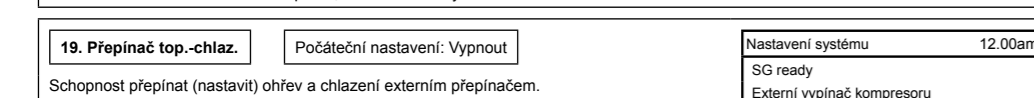
6.2. Nastavení teploty



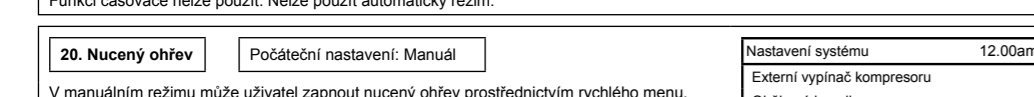
6.3. Nastavení teploty



6.4. Nastavení teploty



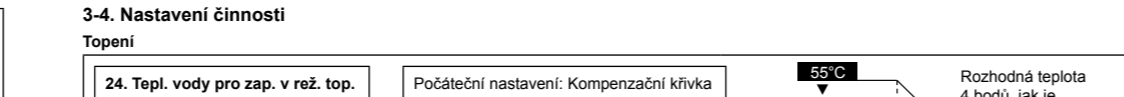
6.5. Nastavení teploty



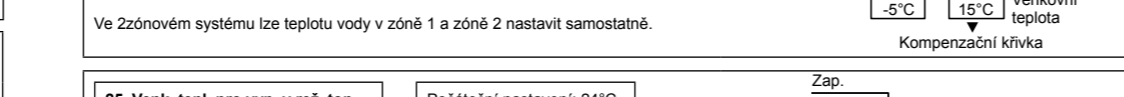
6.6. Nastavení teploty

Table with 3 columns: Typ topení, Teplota, Odpočet, a list of temperature settings for different heating types.

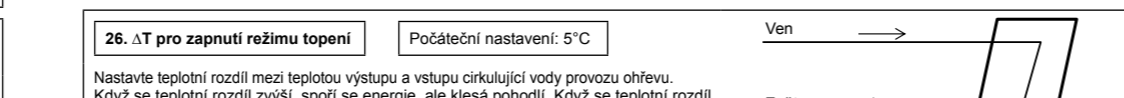
6.7. Nastavení teploty



6.8. Nastavení teploty



6.9. Nastavení teploty



6.10. Nastavení teploty



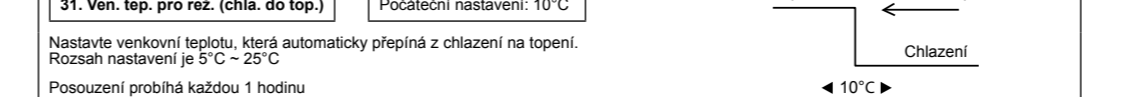
6.11. Nastavení teploty

Table with 3 columns: Typ topení, Teplota, Odpočet, a list of temperature settings for different heating types.

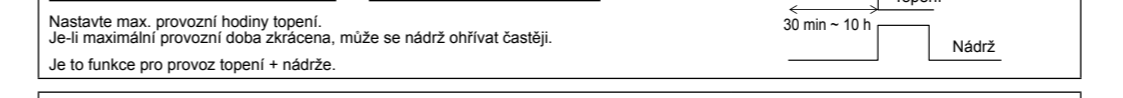
6.12. Nastavení teploty



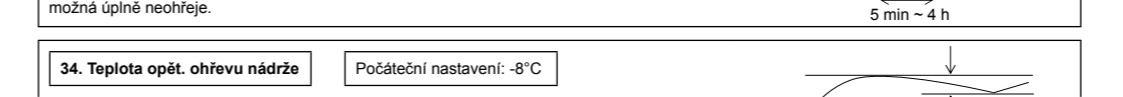
6.13. Nastavení teploty



6.14. Nastavení teploty



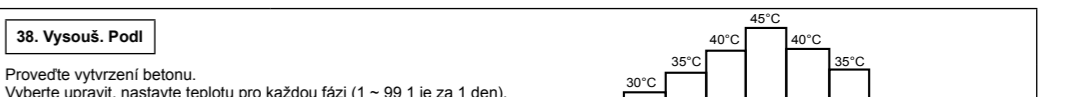
6.15. Nastavení teploty



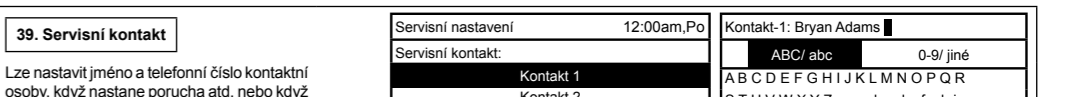
6.16. Nastavení teploty

Table with 3 columns: Typ topení, Teplota, Odpočet, a list of temperature settings for different heating types.

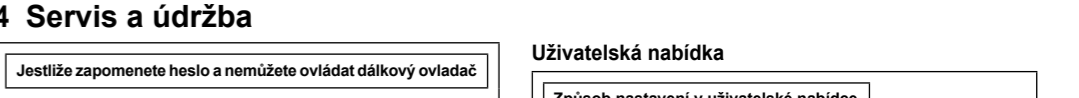
6.17. Nastavení teploty



6.18. Nastavení teploty



6.19. Nastavení teploty



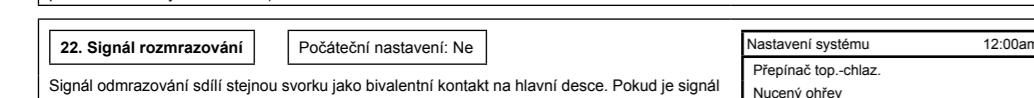
6.20. Nastavení teploty



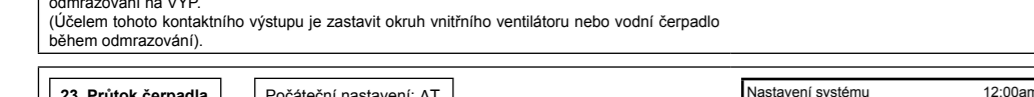
7.1. Nastavení teploty

Table with 3 columns: Typ topení, Teplota, Odpočet, a list of temperature settings for different heating types.

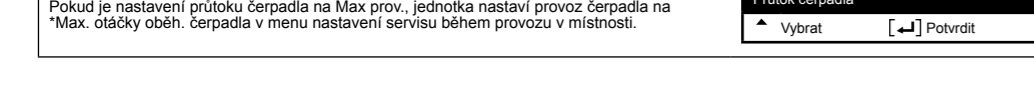
7.2. Nastavení teploty



7.3. Nastavení teploty



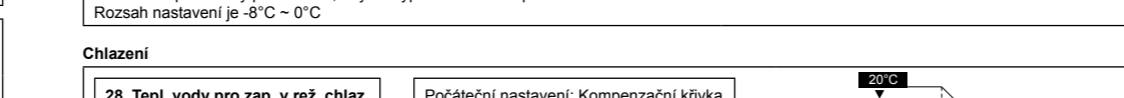
7.4. Nastavení teploty



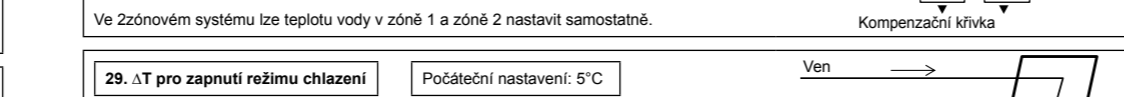
7.5. Nastavení teploty

Table with 3 columns: Typ topení, Teplota, Odpočet, a list of temperature settings for different heating types.

7.6. Nastavení teploty



7.7. Nastavení teploty



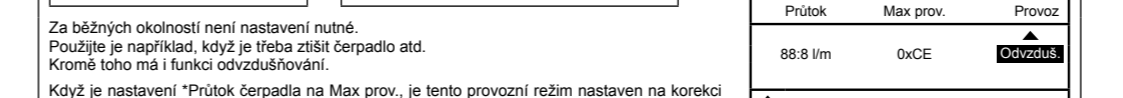
7.8. Nastavení teploty



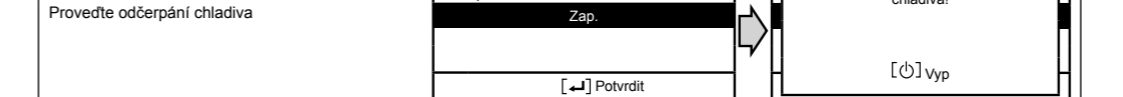
7.9. Nastavení teploty

Table with 3 columns: Typ topení, Teplota, Odpočet, a list of temperature settings for different heating types.

7.10. Nastavení teploty



7.11. Nastavení teploty



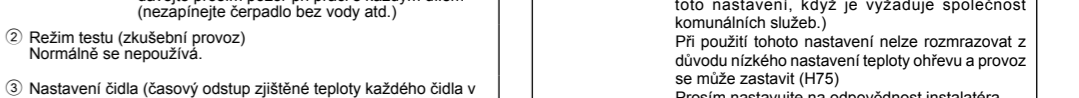
7.12. Nastavení teploty



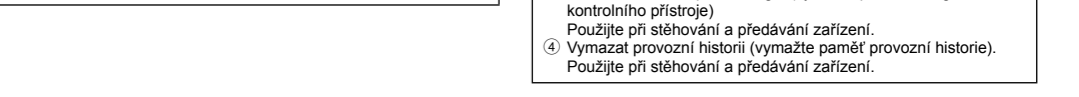
7.13. Nastavení teploty

Table with 3 columns: Typ topení, Teplota, Odpočet, a list of temperature settings for different heating types.

7.14. Nastavení teploty



7.15. Nastavení teploty



7.16. Nastavení teploty



Manuel d'installation

POMPE A CHALEUR AIR-EAU MONO BLOC WH-MDC05J3E5, WH-MDC07J3E5, WH-MDC09J3E5

ANNEXE

1 Variation du système

Cette section présente la variation des divers systèmes qui utilisent la pompe à chaleur air-eau et la méthode de réglage réelle.

1-1 Présentation de l'application liée au réglage de la température.

1.1.1 Réglage de la température ambiante, 1.1.2 Thermostat d'ambiance, 1.1.3 Thermostat d'ambiance externe, 1.1.4 Sonde d'ambiance

1-2 Présentation des applications du système qui utilisent des équipements en option.

1-2-1 Réglage de la température ambiante, 1-2-2 Réglage de la température ambiante externe, 1-2-3 Réglage de la température ambiante externe

2 Comment fixer un dispositif externe

Table with 4 columns: Dispositif externe, Longueur maximale des câbles (m), Dispositif externe, Longueur maximale des câbles (m)

3 Installation du système

3-1 Plan de la télécommande, 3-2 Réglage de la température

3-3 Param. système

3-4 Param. opérations

3-5 Param. service

3-6 Param. maintenance

3-7 Param. dégivrage

3-8 Param. dégivrage

3-9 Param. dégivrage

3-10 Param. dégivrage

3-11 Param. dégivrage

3-12 Param. dégivrage

3-13 Param. dégivrage

3-14 Param. dégivrage

3-15 Param. dégivrage

3-16 Param. dégivrage

3-17 Param. dégivrage

3-18 Param. dégivrage

3-19 Param. dégivrage

3-20 Param. dégivrage

3-21 Param. dégivrage

3-22 Param. dégivrage

3-23 Param. dégivrage

3-24 Param. dégivrage

3-25 Param. dégivrage

3-26 Param. dégivrage

3-27 Param. dégivrage

3-28 Param. dégivrage

3-29 Param. dégivrage

3-30 Param. dégivrage

3-31 Param. dégivrage



1.1 Systemanwendungen auf Grundlage der Temperatureinstellung

Temperatureinstellung für Heizbetrieb, 1.1 Systemanwendungen auf Grundlage der Temperatureinstellung. Includes diagrams for various room types and temperature settings.

2 Anschluss von externen Geräten

2 Anschluss von externen Geräten. Includes connection diagrams for external devices and a table of connection options.

3 Systeminstallation

3 Systeminstallation. Includes diagrams for system installation, temperature display, and various control settings.

4 Kapazität Warme

4 Kapazität Warme. Includes diagrams and tables for capacity settings.

5 Anschluss Pufferspeicher

5 Anschluss Pufferspeicher. Includes diagrams and tables for buffer tank connection.

6 E-Heizstab Warme

6 E-Heizstab Warme. Includes diagrams and tables for electric heating rod connection.

7 Gehäuseheizung

7 Gehäuseheizung. Includes diagrams and tables for housing heating connection.

8 Altern. Außenfühler

8 Altern. Außenfühler. Includes diagrams and tables for alternative outdoor sensor connection.

9 Ex. Ein/Aus-Schalter

9 Ex. Ein/Aus-Schalter. Includes diagrams and tables for external on/off switch connection.

10 Man. Abtumpfen

10 Man. Abtumpfen. Includes diagrams and tables for manual defrost connection.

11 Man. Abtauen

11 Man. Abtauen. Includes diagrams and tables for manual thawing connection.

12 Man. Abtauen

12 Man. Abtauen. Includes diagrams and tables for manual thawing connection.

13 Man. Abtauen

13 Man. Abtauen. Includes diagrams and tables for manual thawing connection.

14 Man. Abtauen

14 Man. Abtauen. Includes diagrams and tables for manual thawing connection.

15 Man. Abtauen

15 Man. Abtauen. Includes diagrams and tables for manual thawing connection.

16 Man. Abtauen



Installationsmanual LUFT-VATTENVÄRMEPUMP ALLTI-ETT-ENHET

WH-MDC05J3E5, WH-MDC07J3E5, WH-MDC09J3E5

APPENDIX

1 Systemversioner

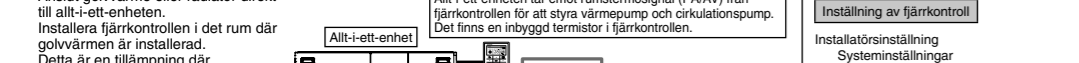
I detta avsnitt presenteras variationer av olika system som använder luft-vattenvärme pump och teknisk inställningsmeny.

1-1 Presentation av tillämpning kopplad till temperaturnställning

Temperaturnställningsvarianter för värming

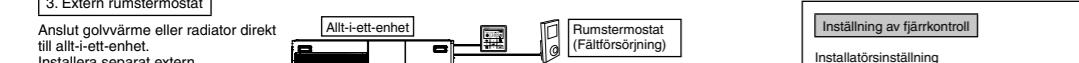
1.1 Flämsensor

Anslut golvvärmare eller radiator direkt till all-ett-enhet.



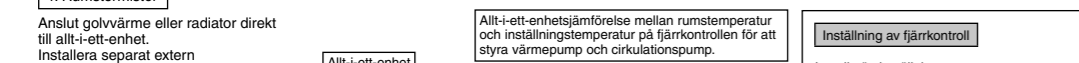
1.2 Rumtemperatur

Anslut golvvärmare eller radiator direkt till all-ett-enhet.



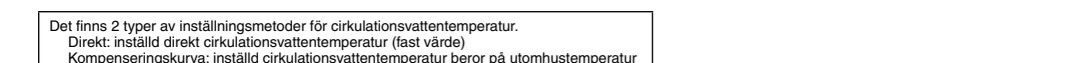
1.3 Extern rumtemperatur

Anslut golvvärmare eller radiator direkt till all-ett-enhet.



1.4 Rumtemperatur

Anslut golvvärmare eller radiator direkt till all-ett-enhet.



Det finns 2 typer av installationsmodeller för cirkulationsventilatorer.



Huvudkretsens anslutning



Signalringingar



Utgångar

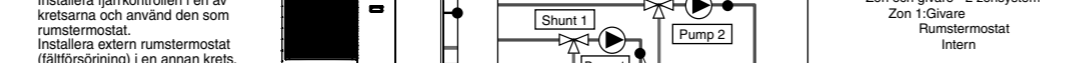


Utslutning för tilläggskort (CZ-NS4P)



Exempel på installationer

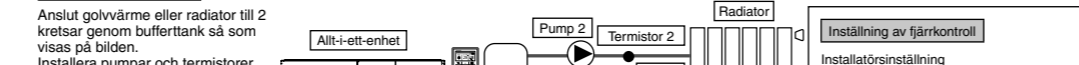
Golvvärmare 1 + Golvvärmare 2



Golvvärmare + Radiator



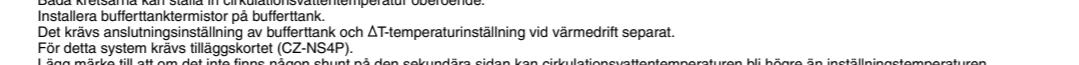
Enhet 2-zon (Golvvärmare + Radiator)



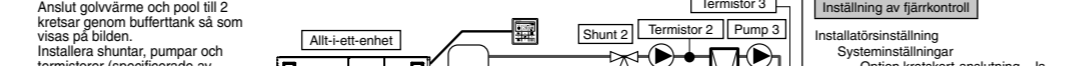
Enhet 2-zon (Golvvärmare + Radiator)



Golvvärmare + Pool



Enhet 2-zon (Golvvärmare + Radiator)



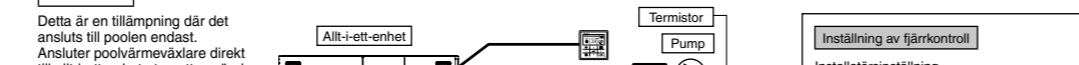
Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



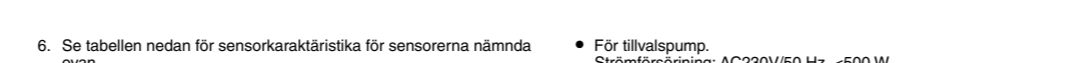
Enhet 2-zon (Golvvärmare + Radiator)



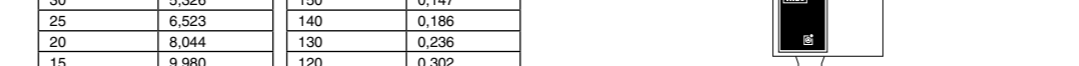
Enhet 2-zon (Golvvärmare + Radiator)



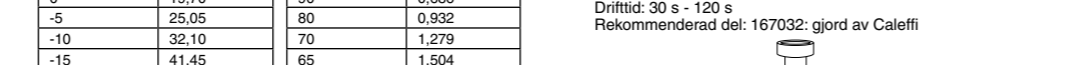
Enhet 2-zon (Golvvärmare + Radiator)



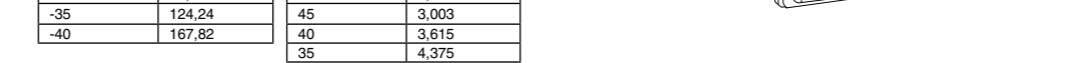
Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



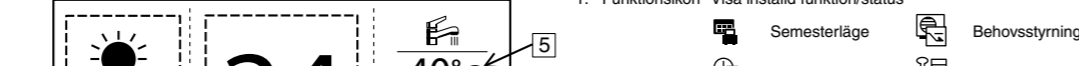
Enhet 2-zon (Golvvärmare + Radiator)



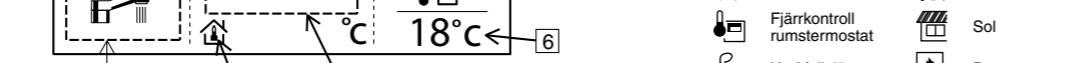
Enhet 2-zon (Golvvärmare + Radiator)



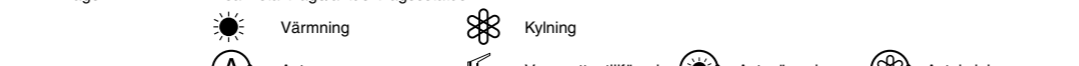
Enhet 2-zon (Golvvärmare + Radiator)



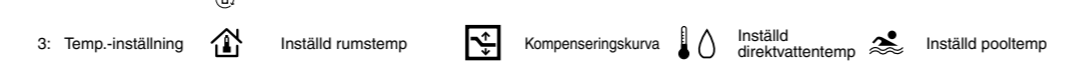
Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



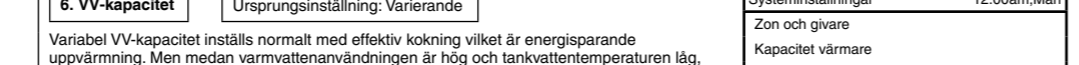
Enhet 2-zon (Golvvärmare + Radiator)



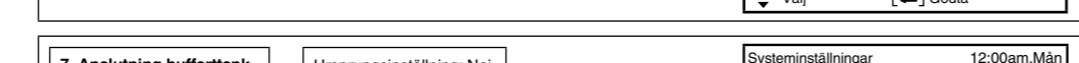
Enhet 2-zon (Golvvärmare + Radiator)



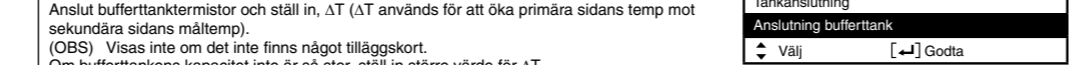
Enhet 2-zon (Golvvärmare + Radiator)



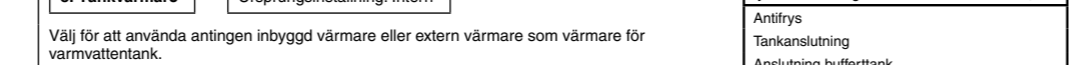
Enhet 2-zon (Golvvärmare + Radiator)



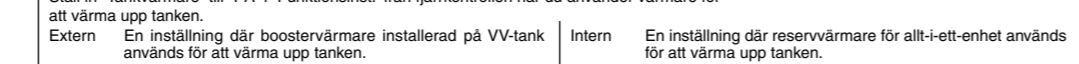
Enhet 2-zon (Golvvärmare + Radiator)



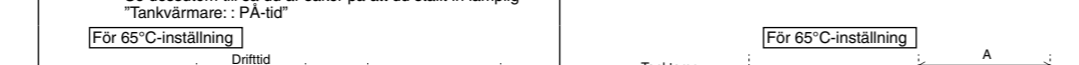
Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



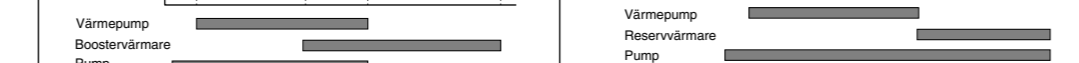
Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



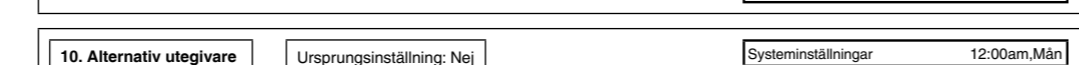
Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



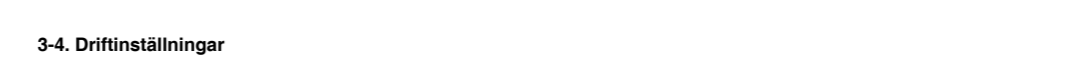
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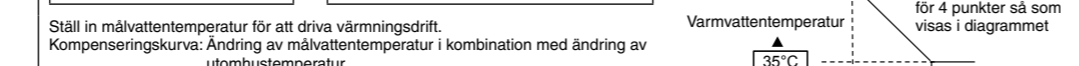
Enhet 2-zon (Golvvärmare + Radiator)



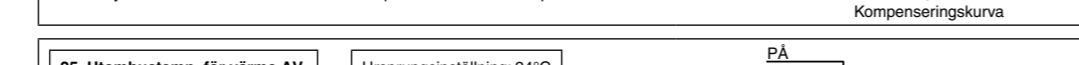
Enhet 2-zon (Golvvärmare + Radiator)



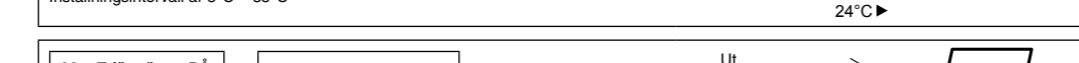
Enhet 2-zon (Golvvärmare + Radiator)



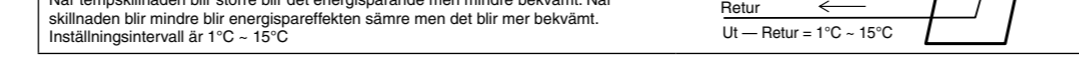
Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



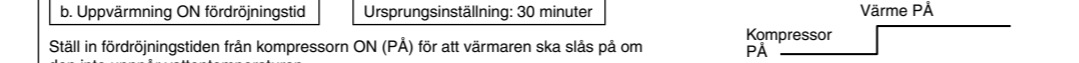
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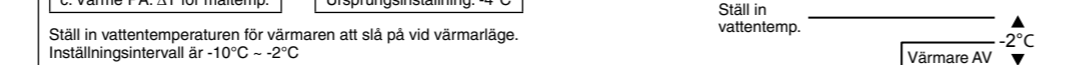
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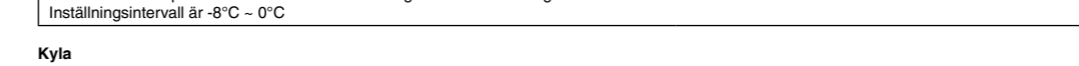
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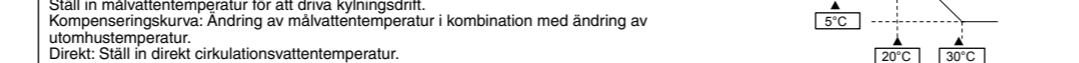
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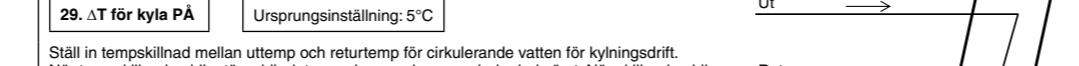
Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



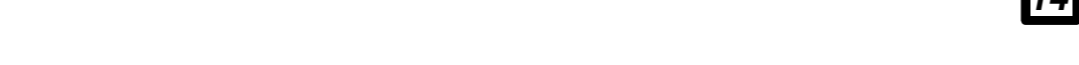
Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



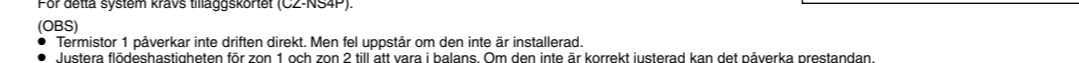
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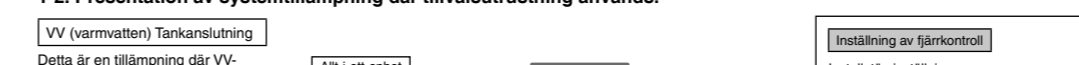
Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



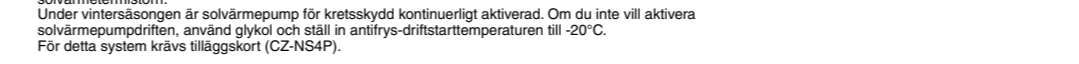
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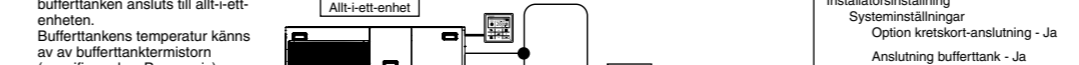
Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



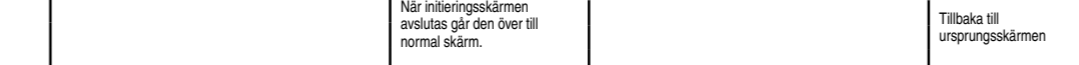
Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



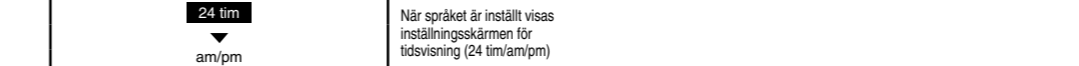
Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



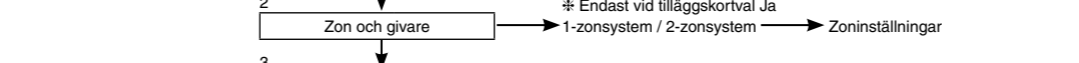
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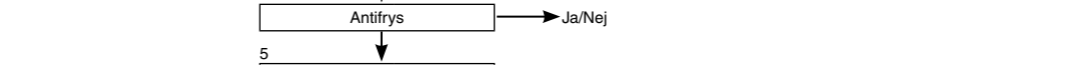
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Enhet 2-zon (Golvvärmare + Radiator)



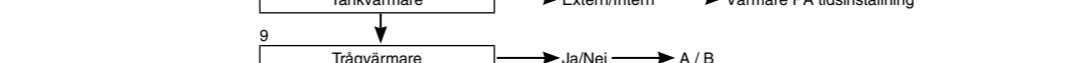
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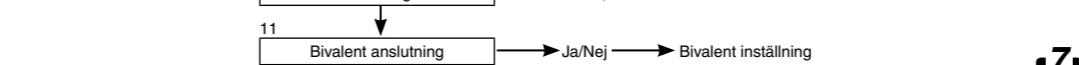
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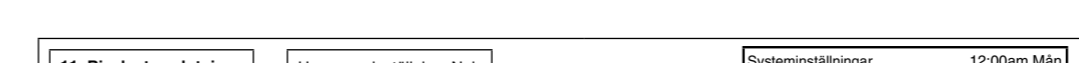
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Enhet 2-zon (Golvvärmare + Radiator)



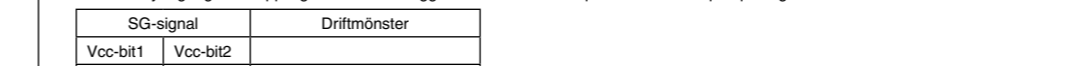
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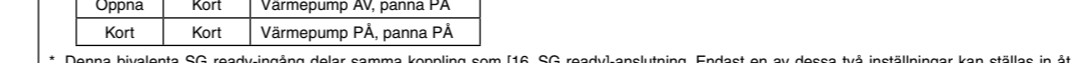
Enhet 2-zon (Golvvärmare + Radiator)



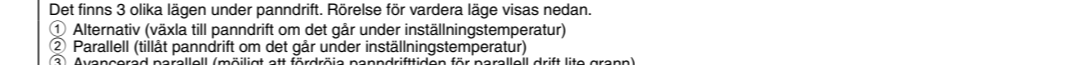
Enhet 2-zon (Golvvärmare + Radiator)



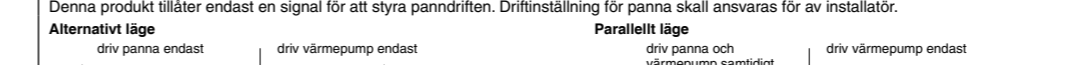
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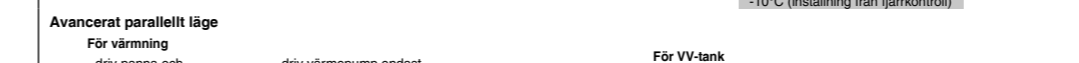
Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



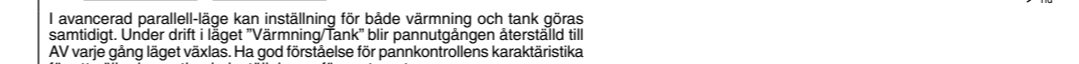
Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



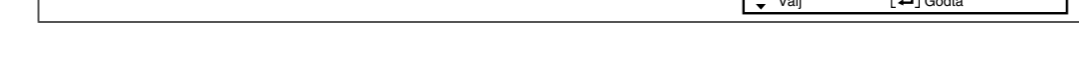
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Enhet 2-zon (Golvvärmare + Radiator)



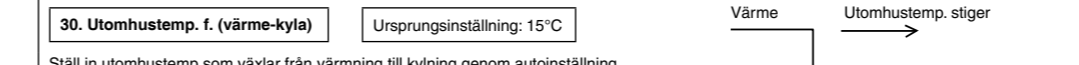
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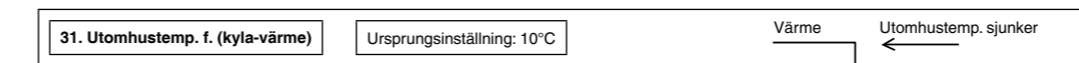
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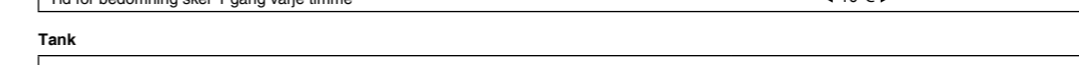
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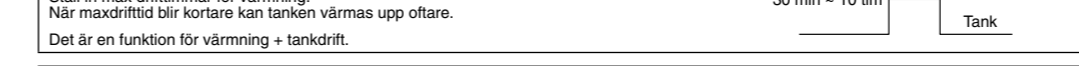
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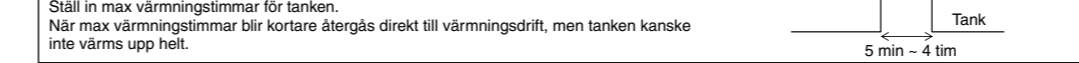
Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



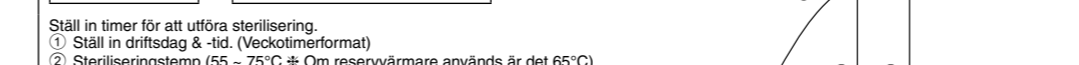
Enhet 2-zon (Golvvärmare + Radiator)



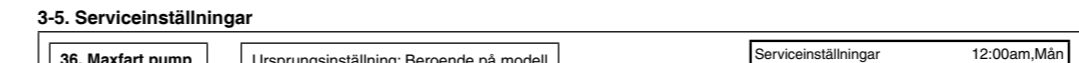
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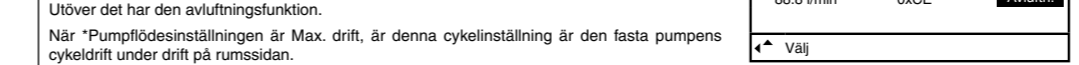
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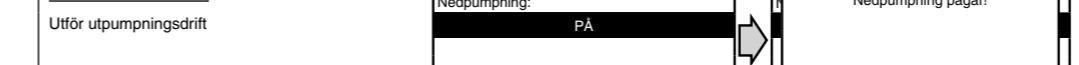
Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



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Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



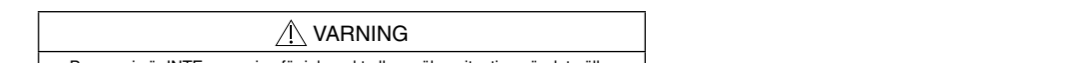
Enhet 2-zon (Golvvärmare + Radiator)



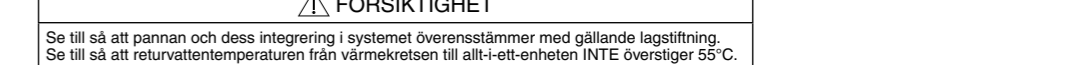
Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



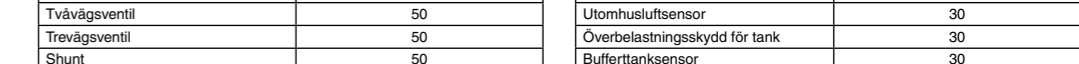
Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



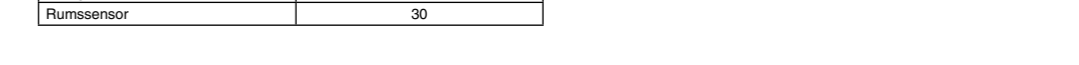
Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



Enhet 2-zon (Golvvärmare + Radiator)



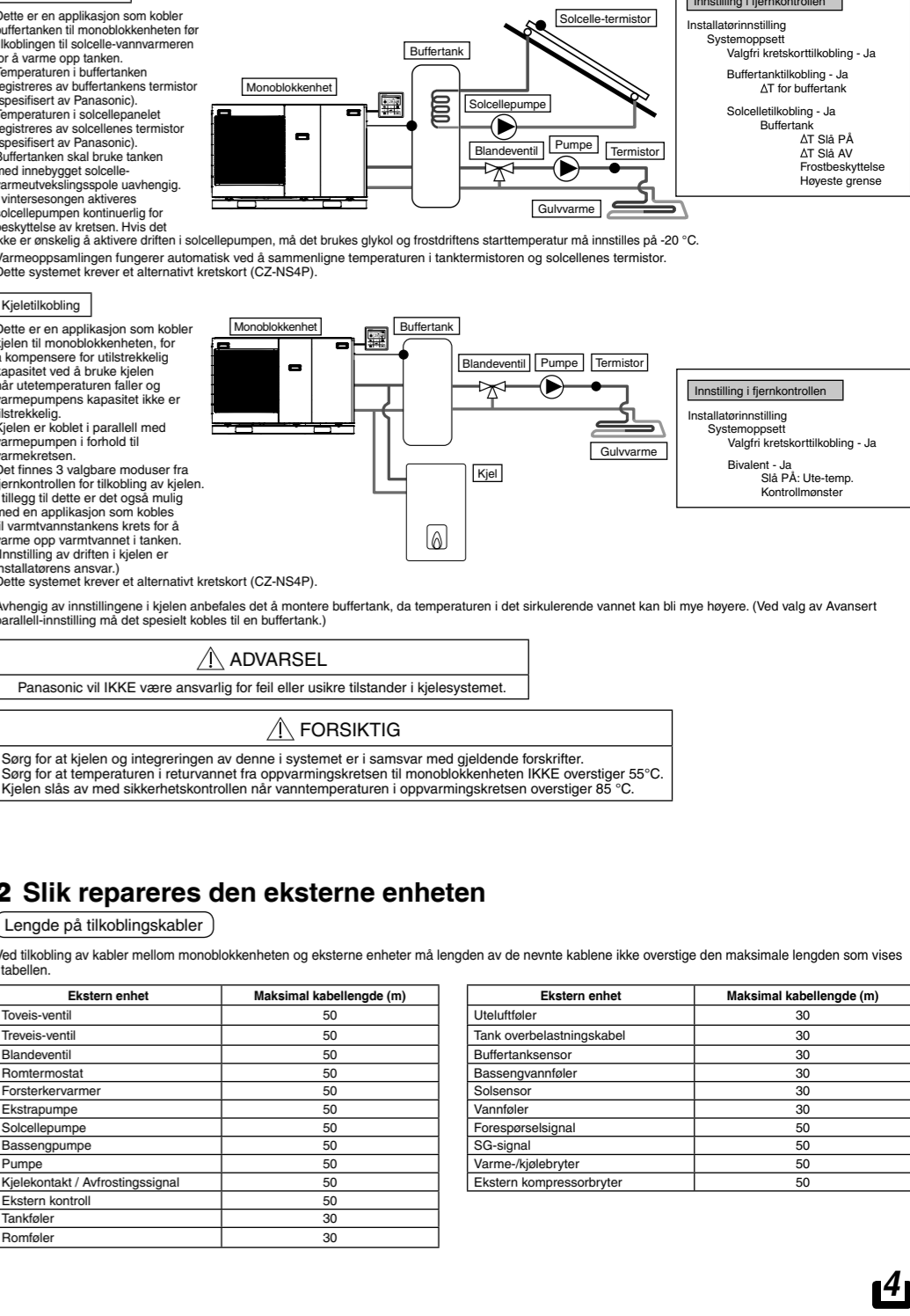
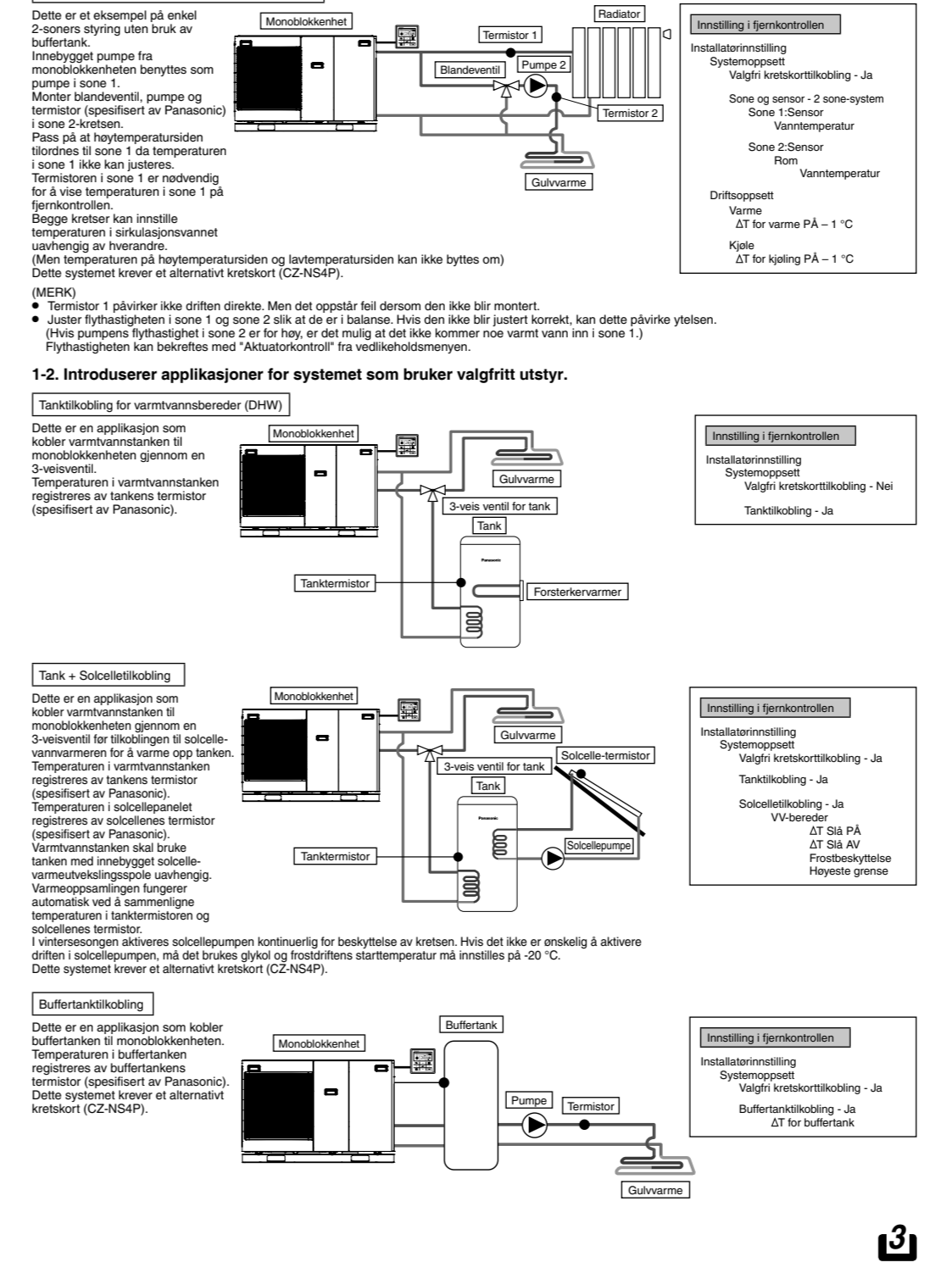
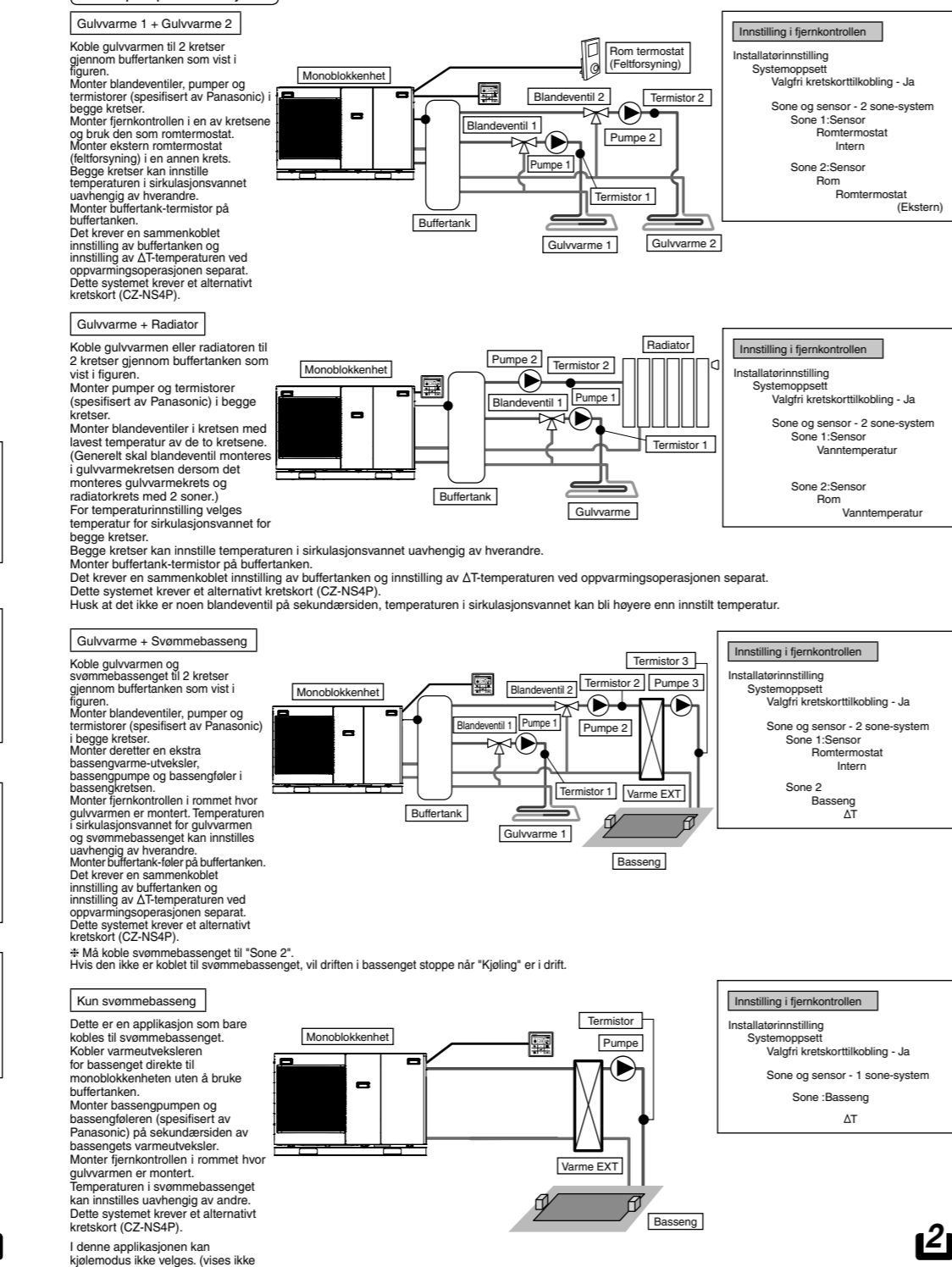
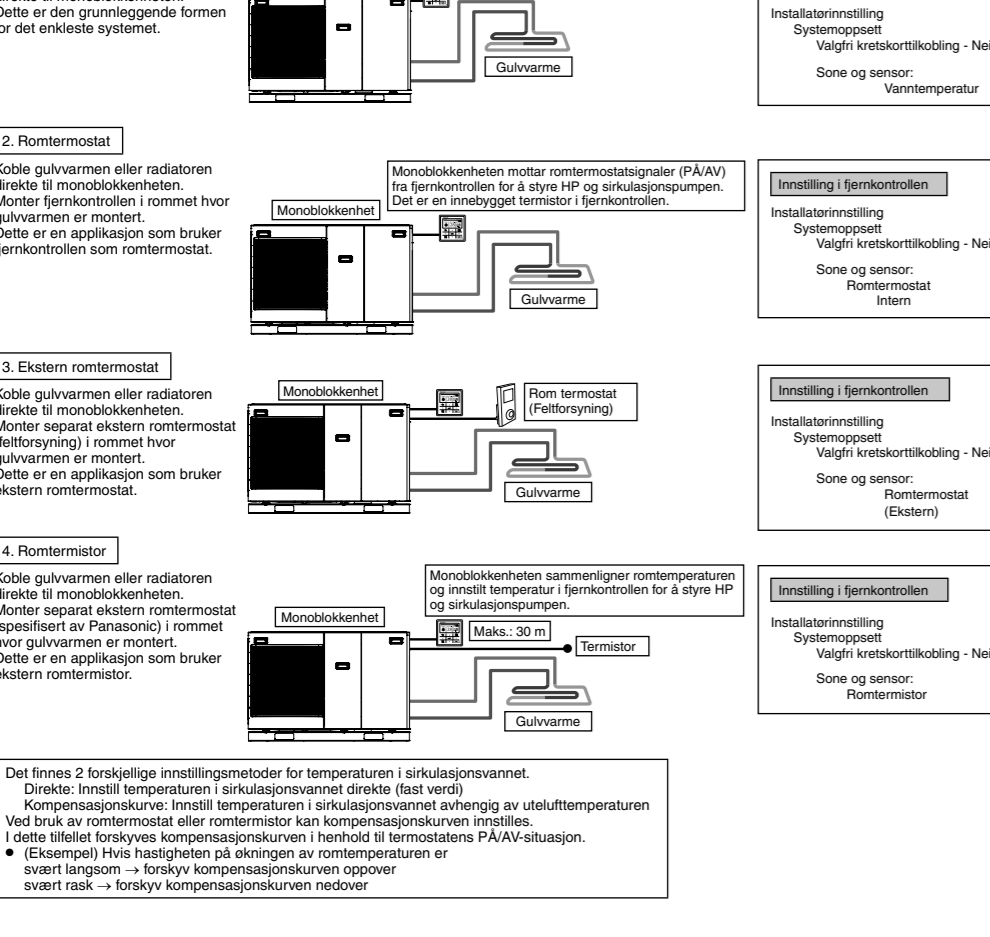
Enhet

Installasjonshåndbok LUFT-TIL-VANN VARMEPUMPE MONOBLOKKENHET

VEDELEGG

1 Systemvarianter

1-1 Introduksjon bruk som gjelder temperaturinstilling. Variasjon i temperaturinstilling for oppvarming



Tilkobling av hovedkretsverket

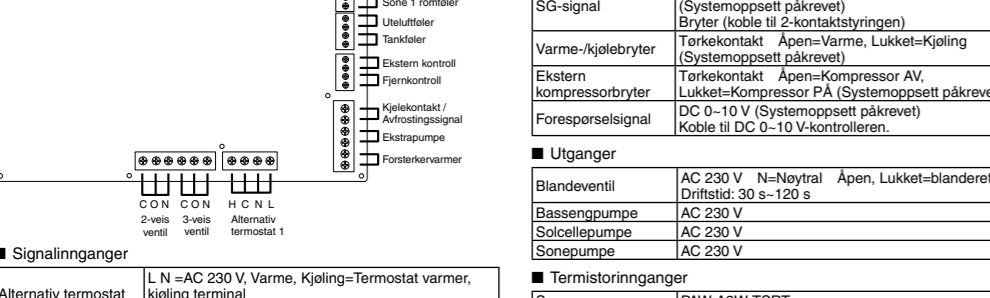


Table listing signal inputs and outputs, including temperature sensors, room sensors, and control signals.

Table listing output signals for various components like pumps, fans, and actuators.

Table listing connection points for different types of pumps and their corresponding wiring.

Table listing connection points for different types of fans and their corresponding wiring.

Table listing connection points for different types of actuators and their corresponding wiring.

Table listing connection points for different types of pumps and their corresponding wiring.

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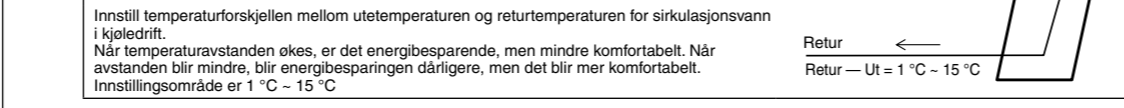
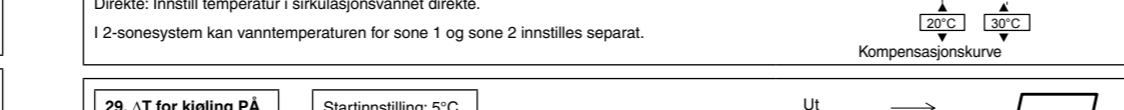
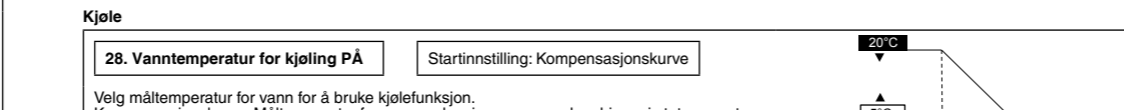
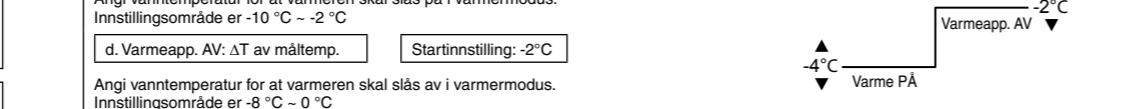
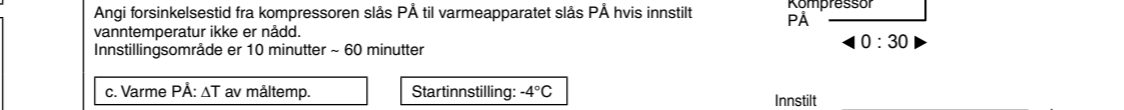
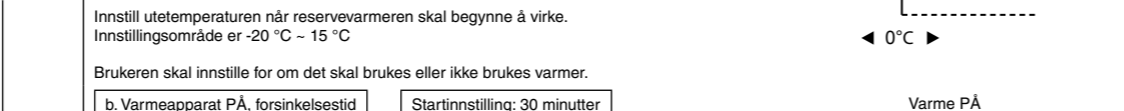
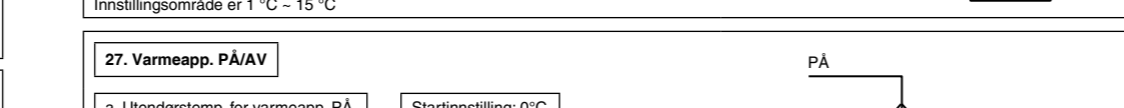
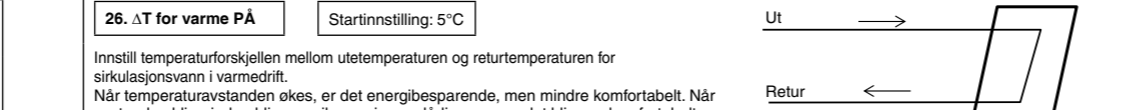
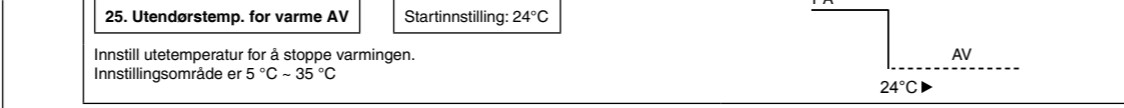
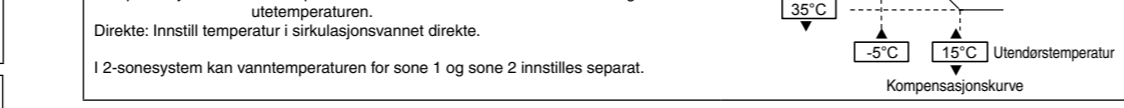
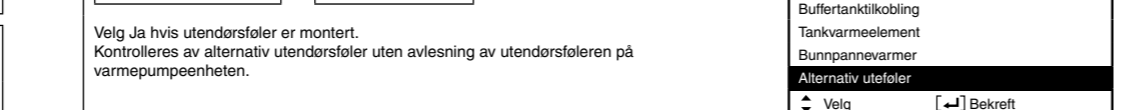
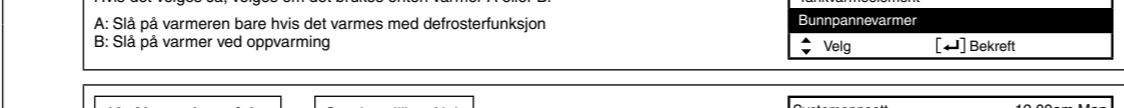
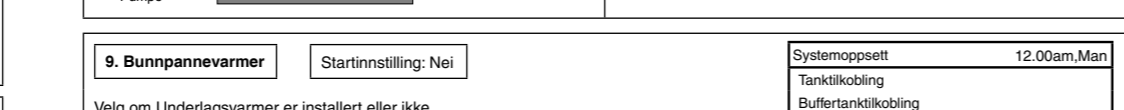
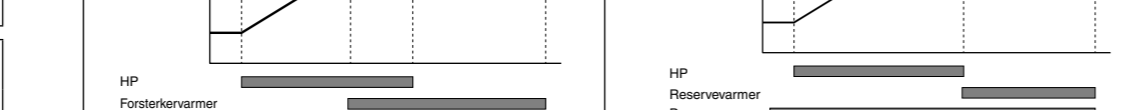
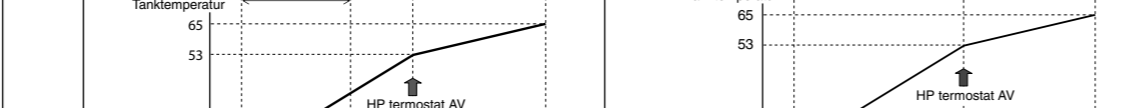
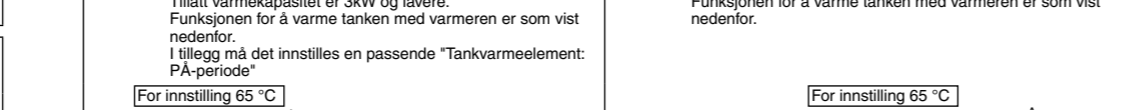
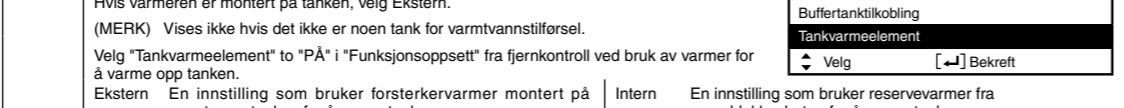
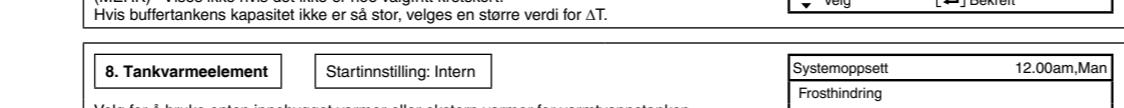
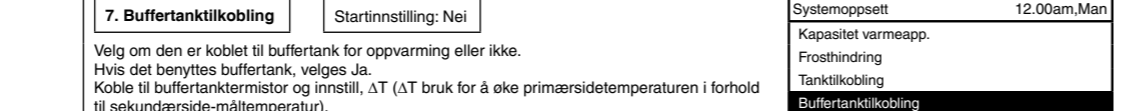
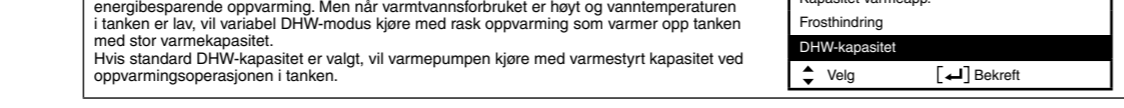
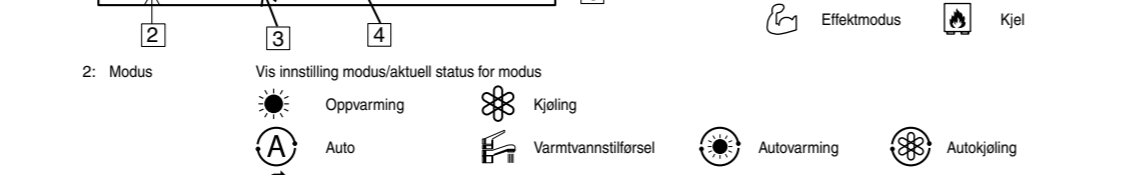
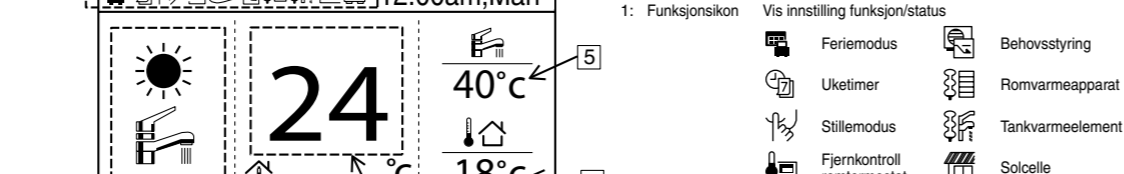
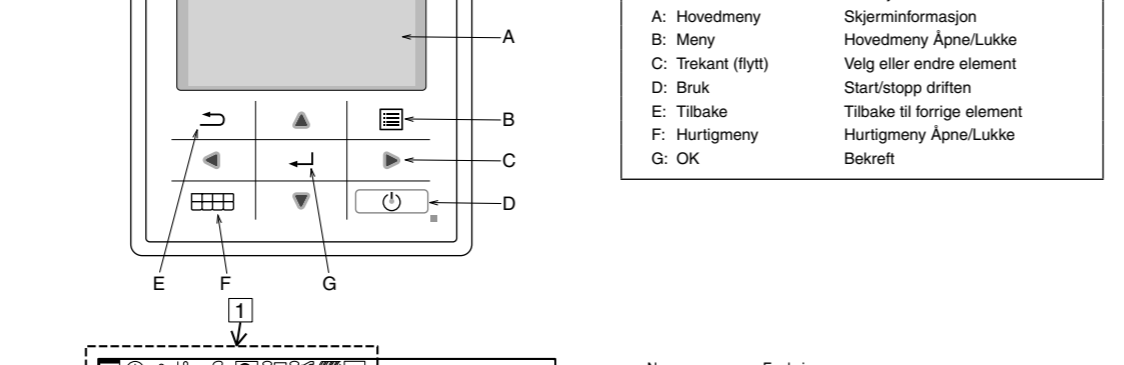
Table listing connection points for different types of pumps and their corresponding wiring.

Table listing connection points for different types of fans and their corresponding wiring.

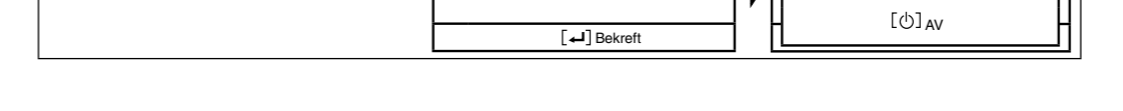
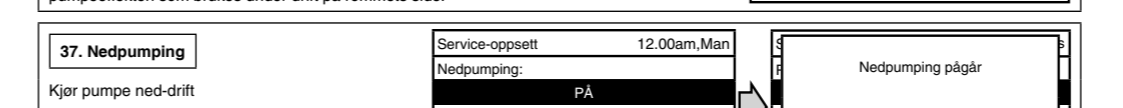
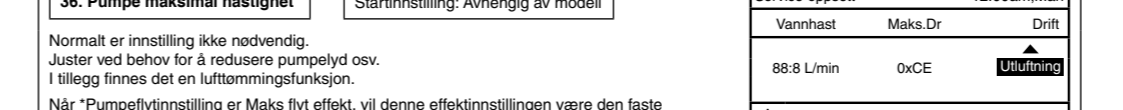
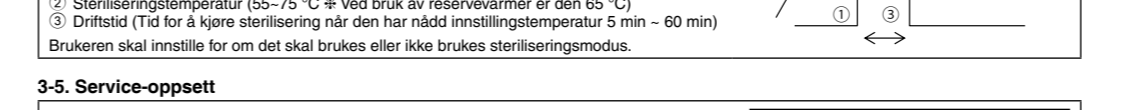
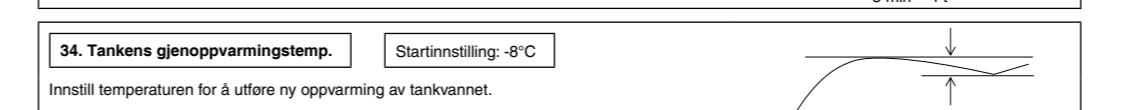
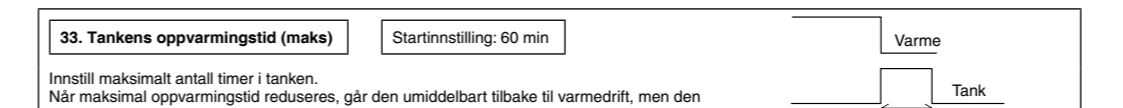
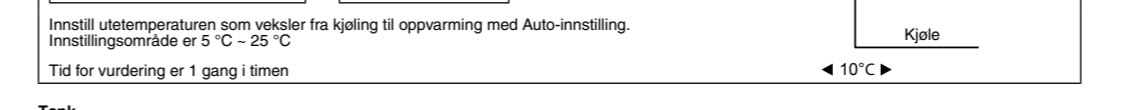
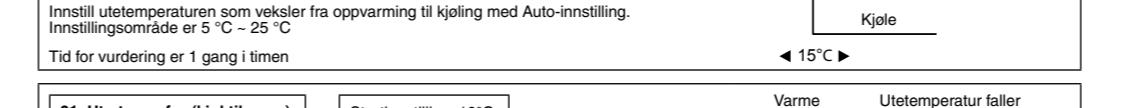
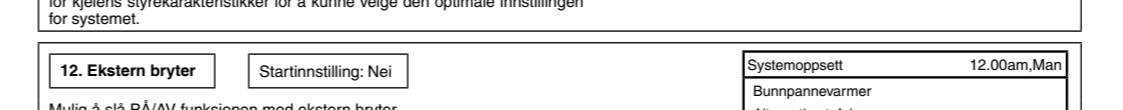
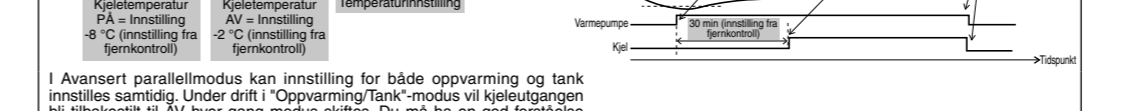
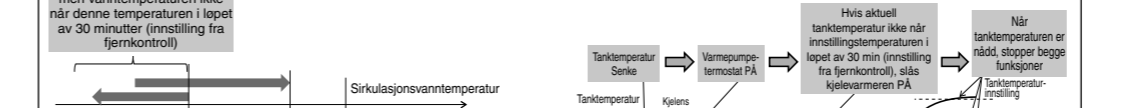
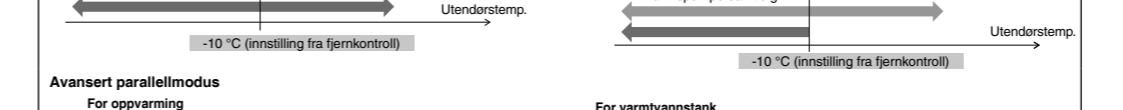
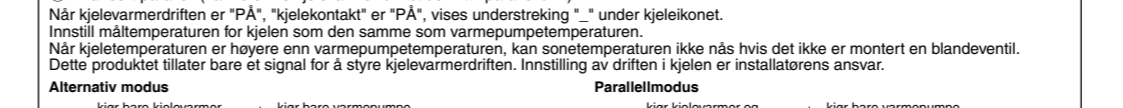
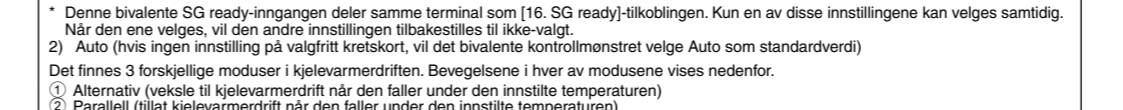
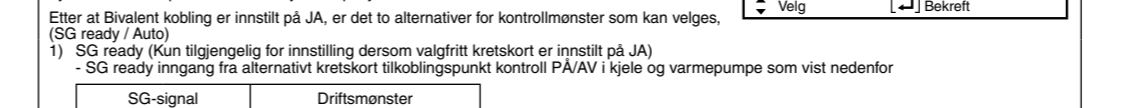
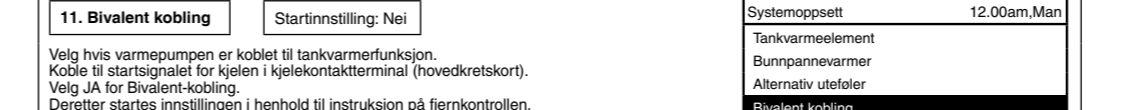
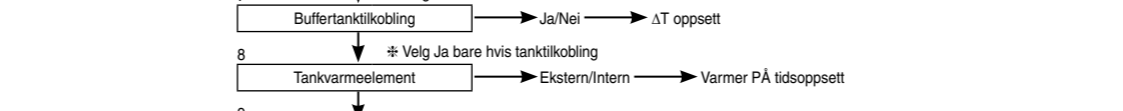
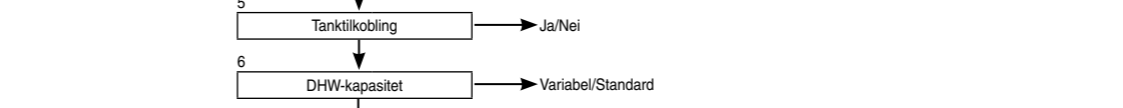
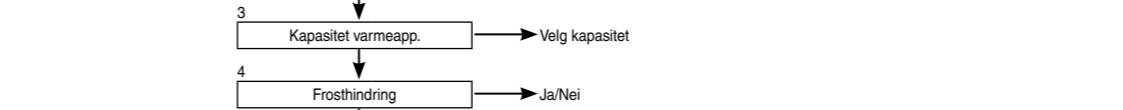
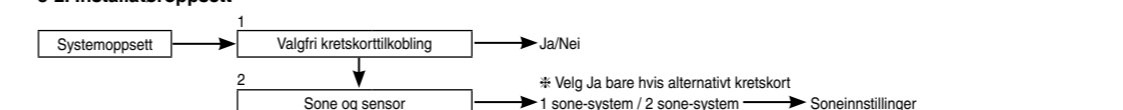
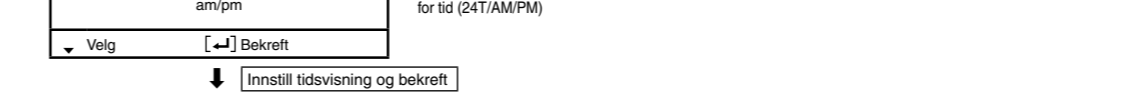
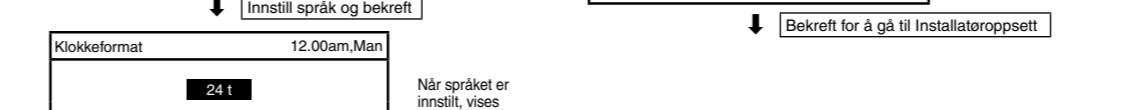
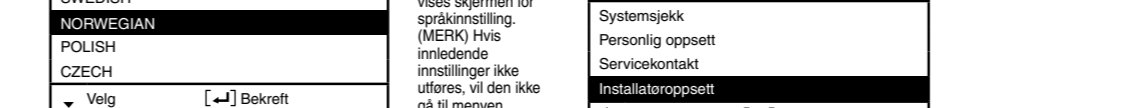
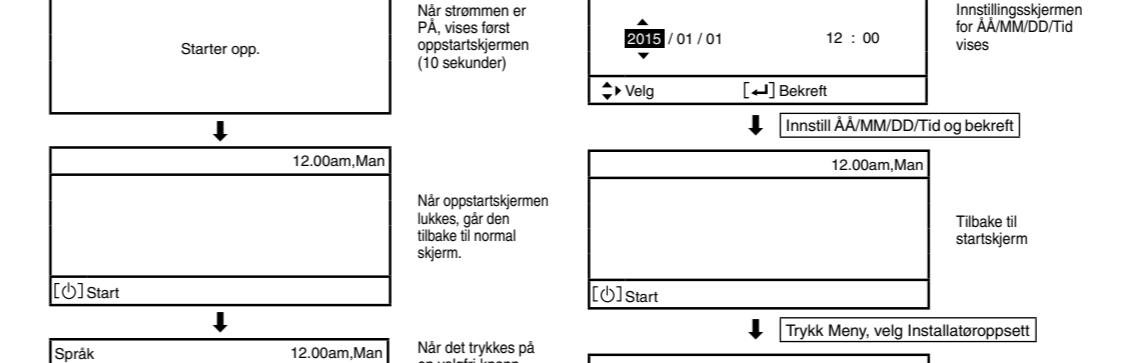
6. Se tabellen nedenfor for tekniske karakteristikk i følge som er beskrevet ovenfor.

Table with 4 columns: Temperatur (Køling), Temperatur (Varme), and others, providing technical specifications for different operating modes.

3-1 Systeminstallasjon



Første gangs strøm på (installasjonsstart)



2 Slik repareser den eksterne enheten

Lengde på tilkoblingskabel. Ved tilkobling av kablet mellom monoblokkene og eksterne enheter må lengden av de nevnte kablene ikke overstige den maksimale lengden som vises i tabellen.

Table listing maximum cable lengths for different external units and connection types.

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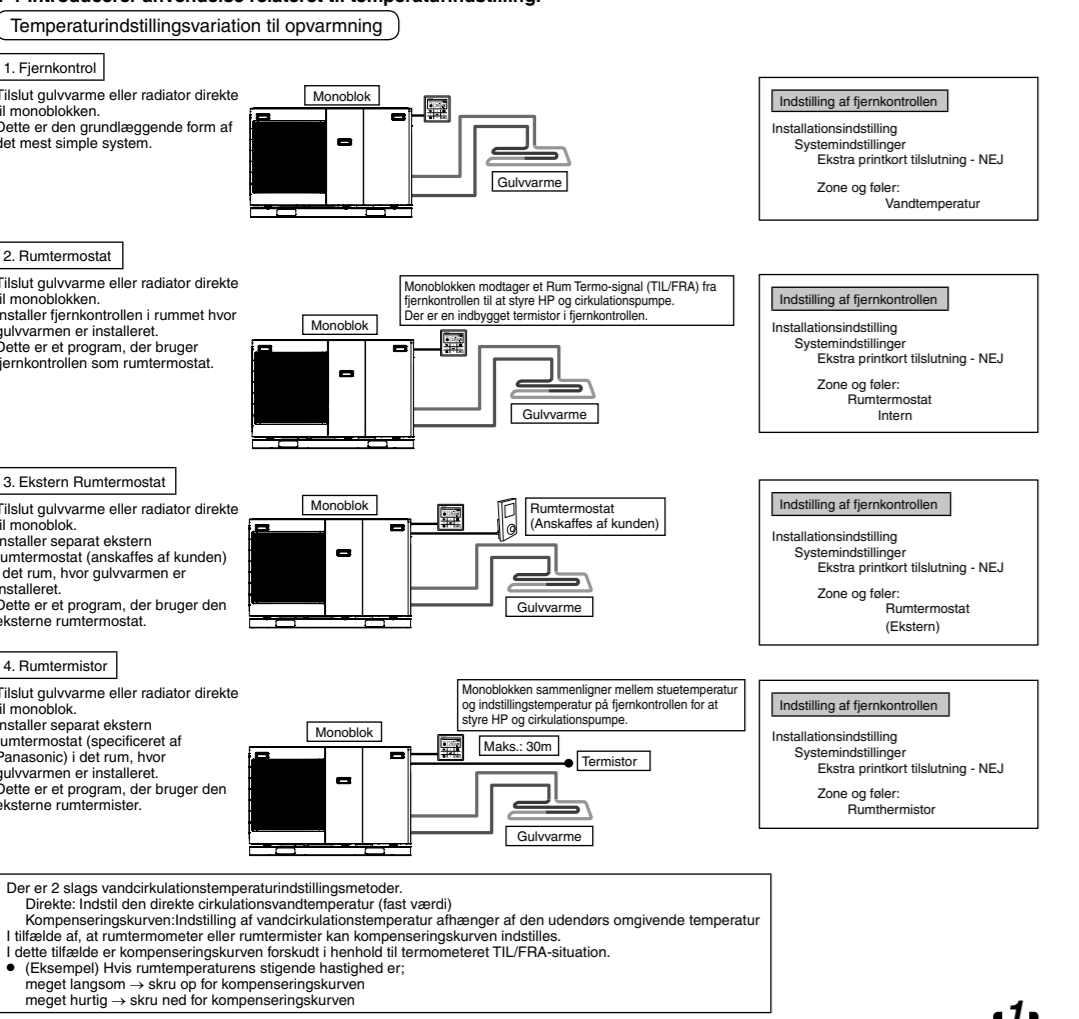
Table listing maximum cable lengths for different external units and connection types.



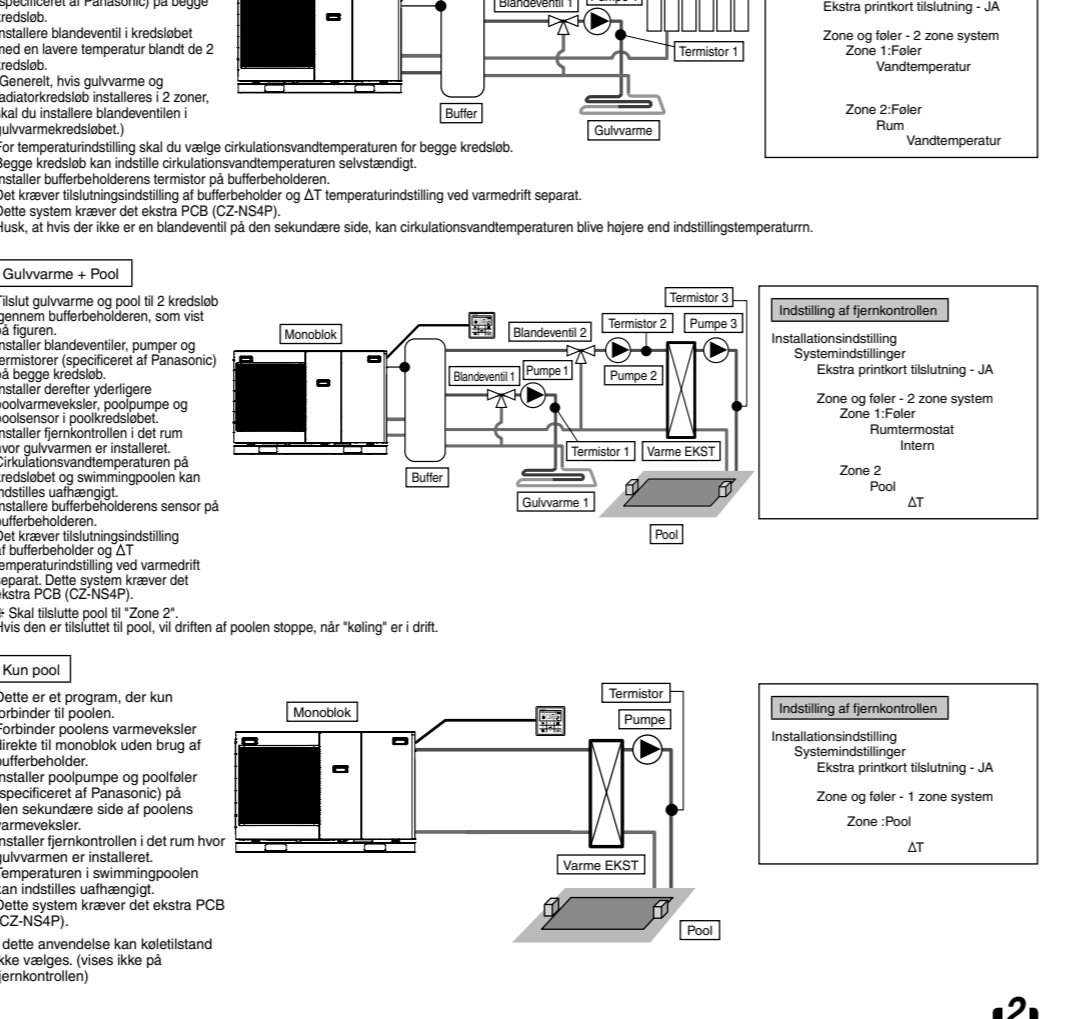
Luft/VAND-VARMEPUMPE MONOBLOK WH-MDC05J3E5, WH-MDC07J3E5, WH-MDC09J3E5

BILAG

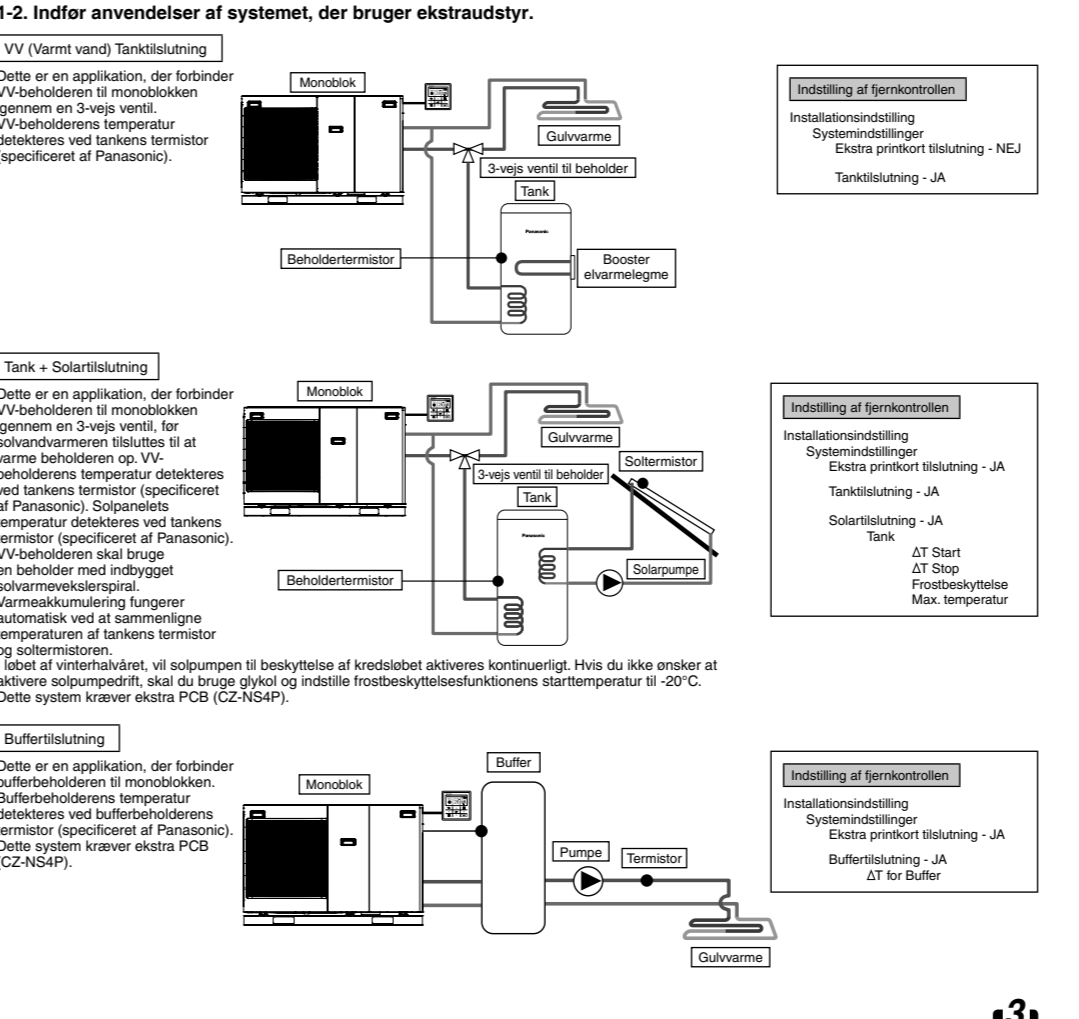
1 Variation af systemet



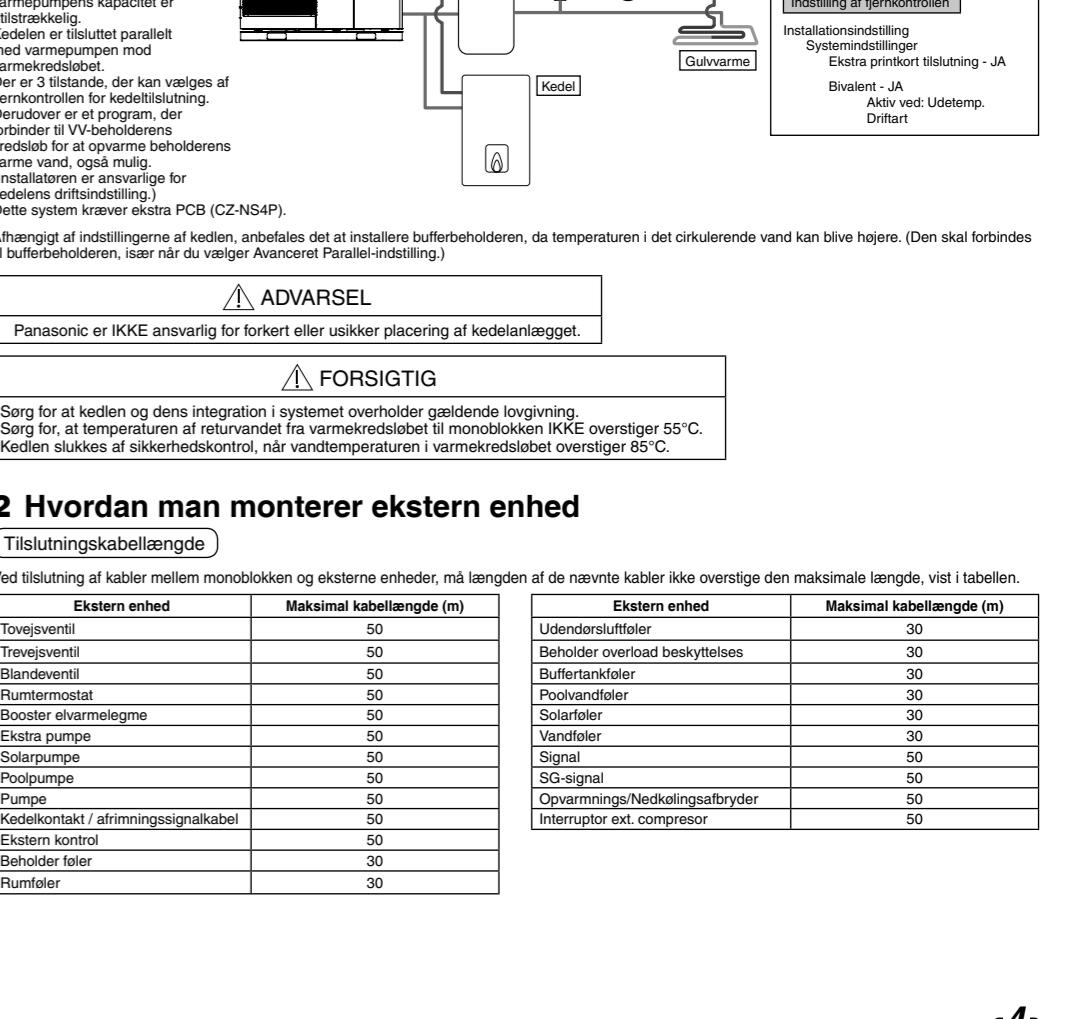
2 Gulvvarme + Radiator



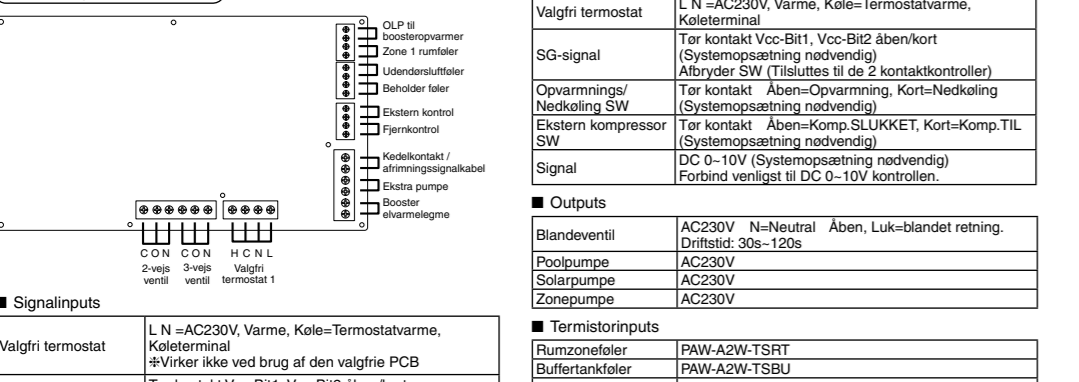
3 Ekstern Rumtemperatur



4 Rumtemperatur



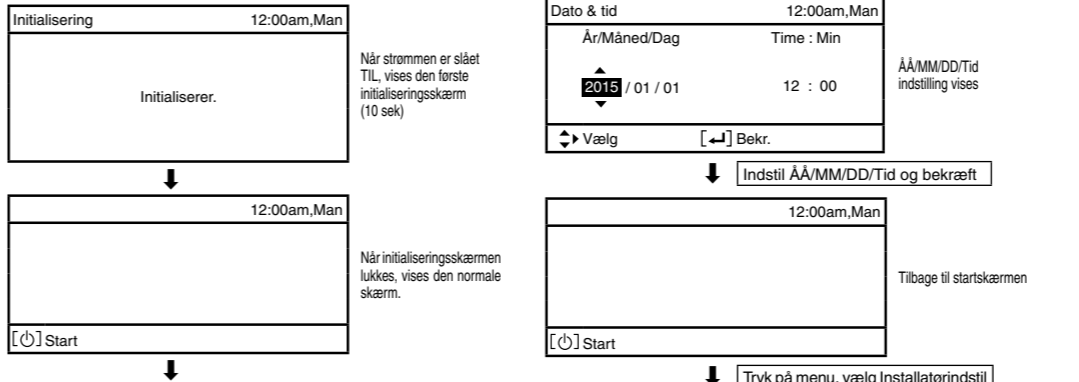
Tilslutning af hoved-PCB



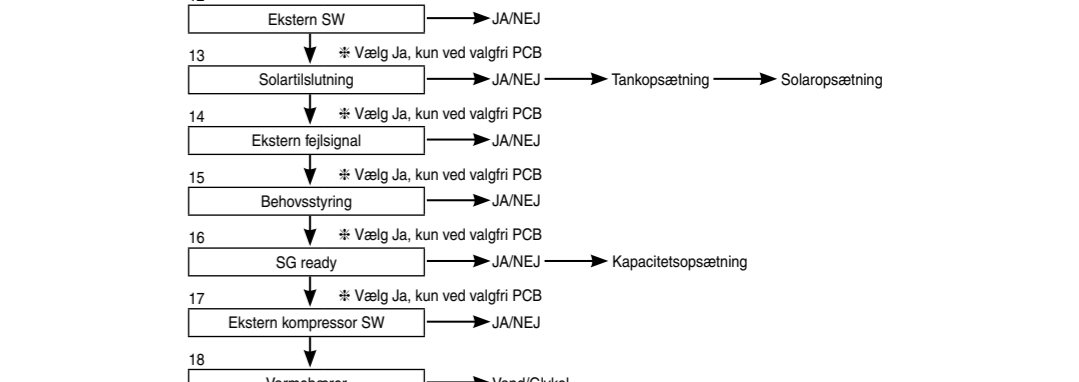
5. Der henvises til nedenstående tabel for færdigkarakteristikker for sensorerne nævnt ovenfor.

Table with 4 columns: Temperatur (°C), Modstandskraft (kΩ), Temperatur (°C), Modstandskraft (kΩ). Lists resistance values for different temperatures.

Første opstart (Start installation)

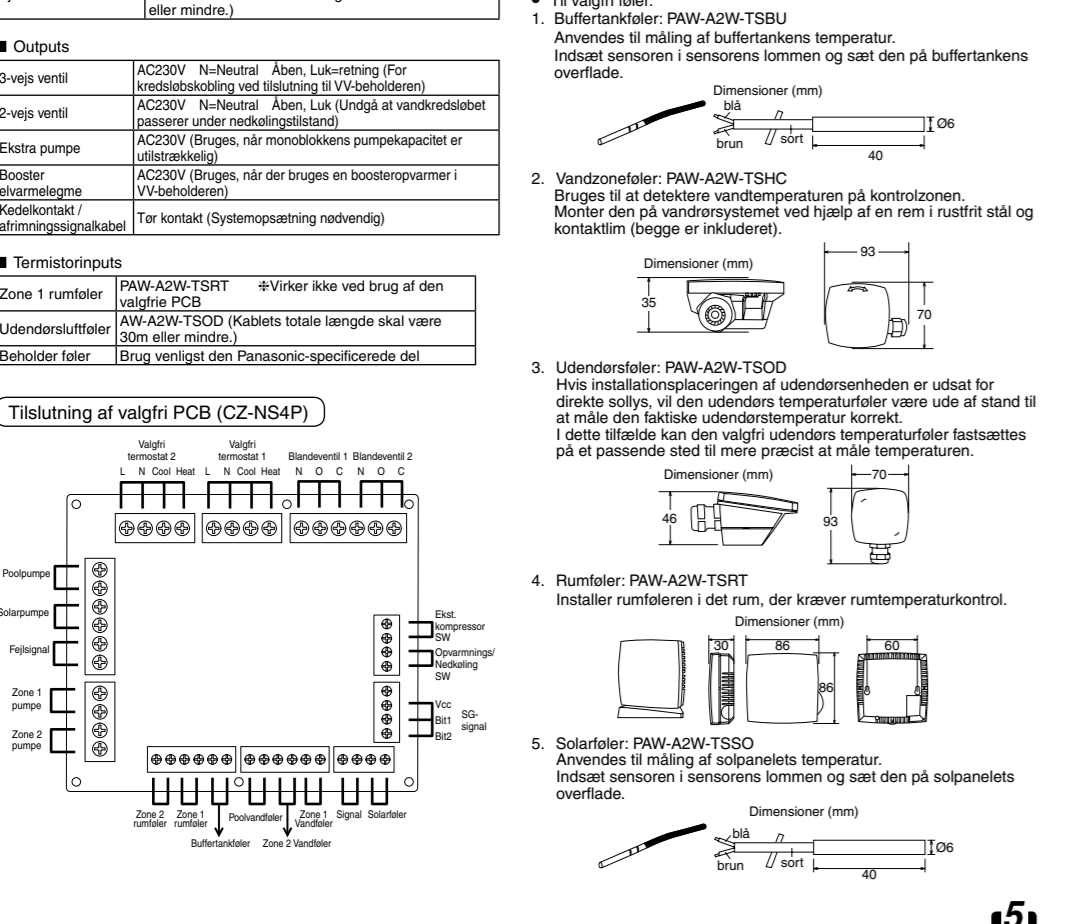


2 Hvordan man monterer ekstern enhed

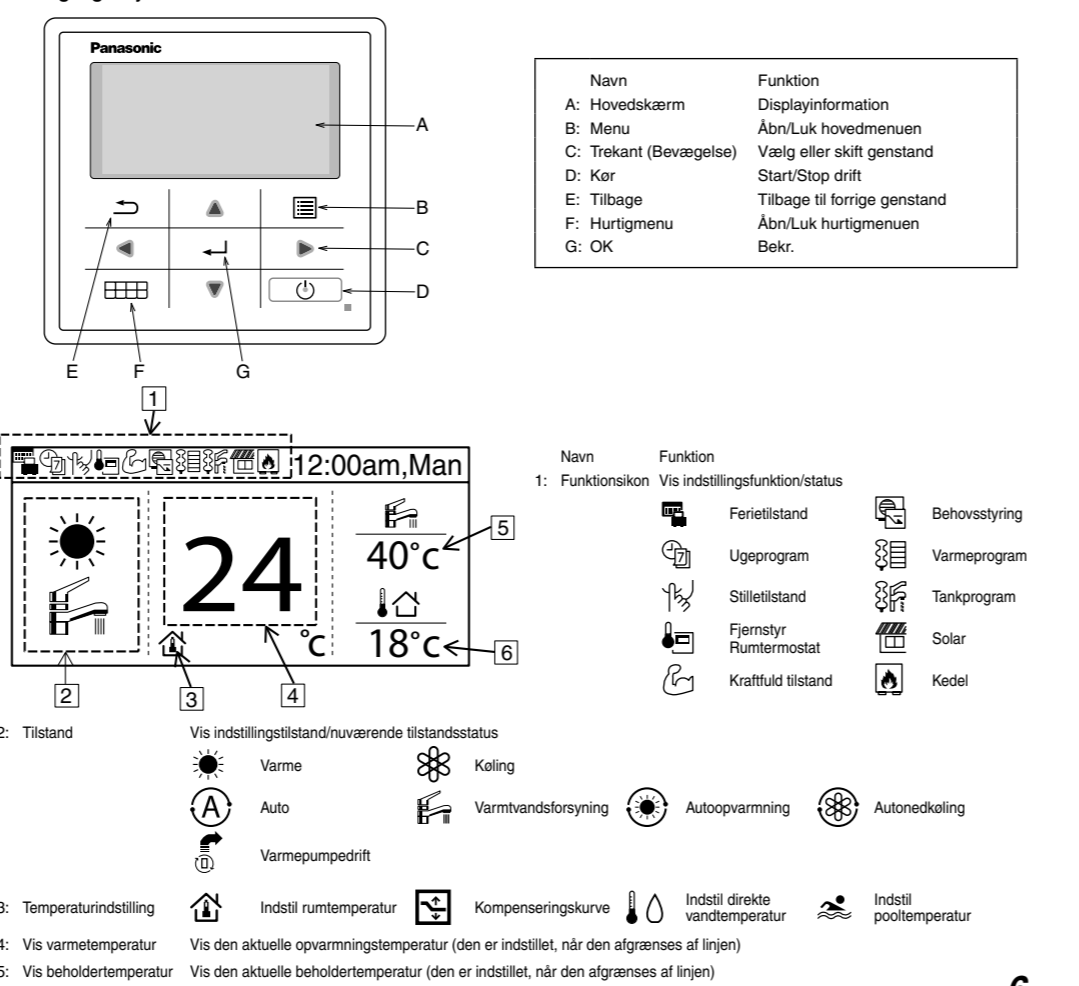


3 Systeminstallation

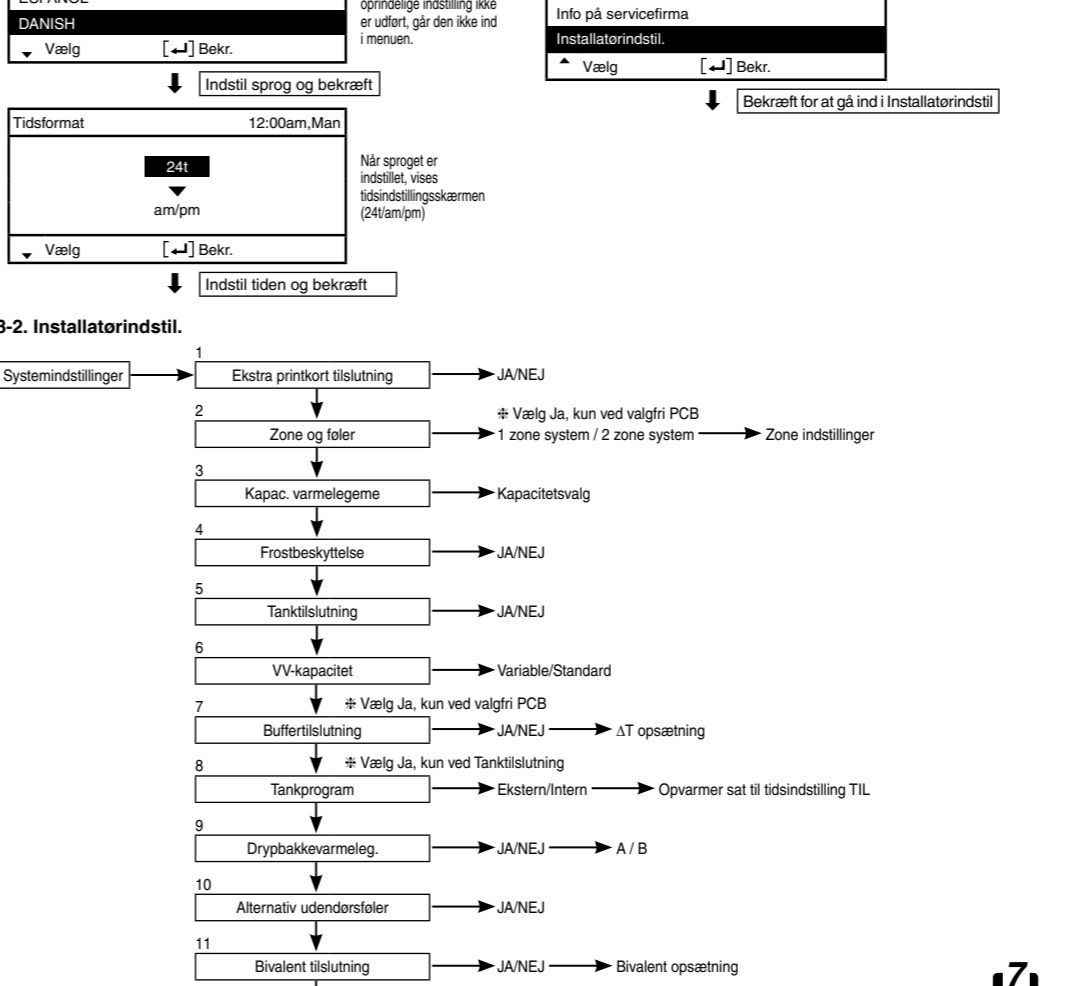
3-1 Udgang til fjernkontrol



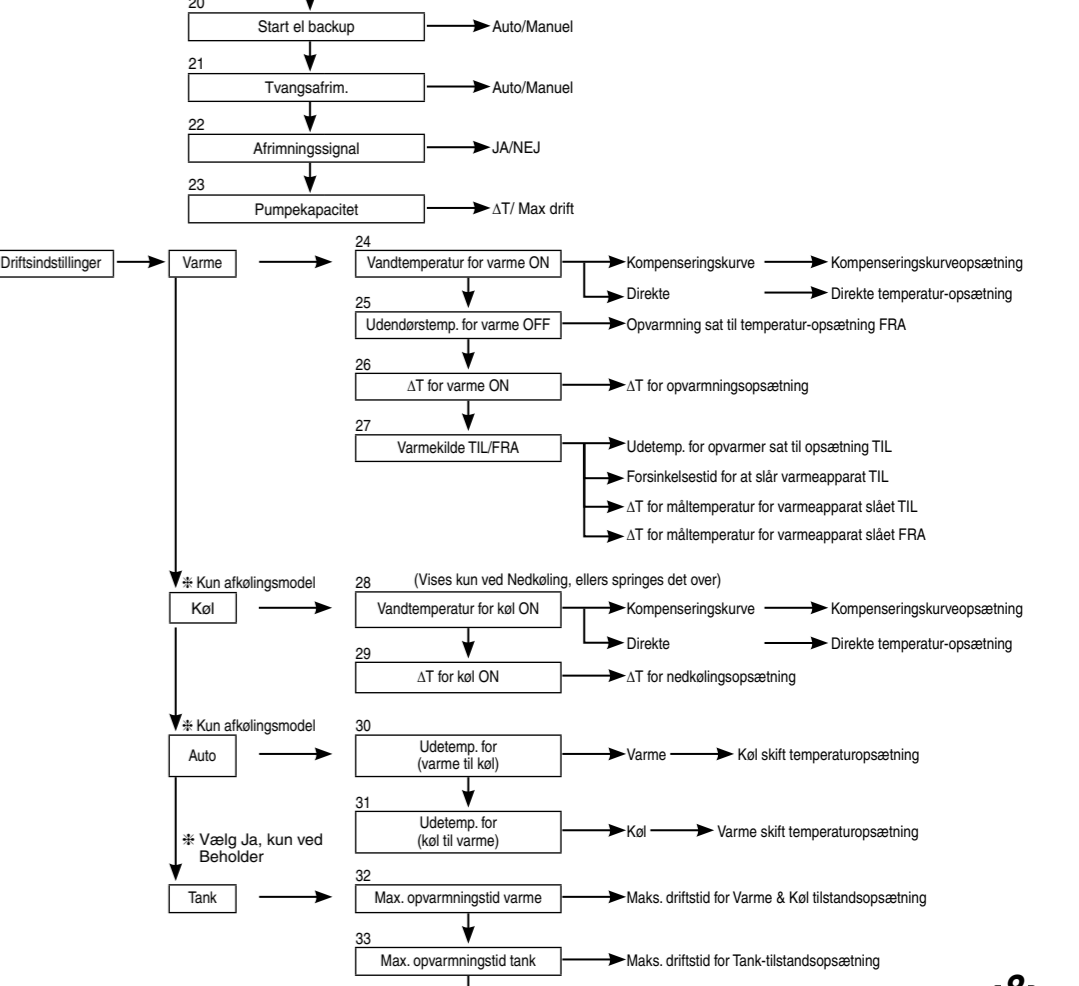
3-2 Installatørindst.



3-3 Systemindstillinger



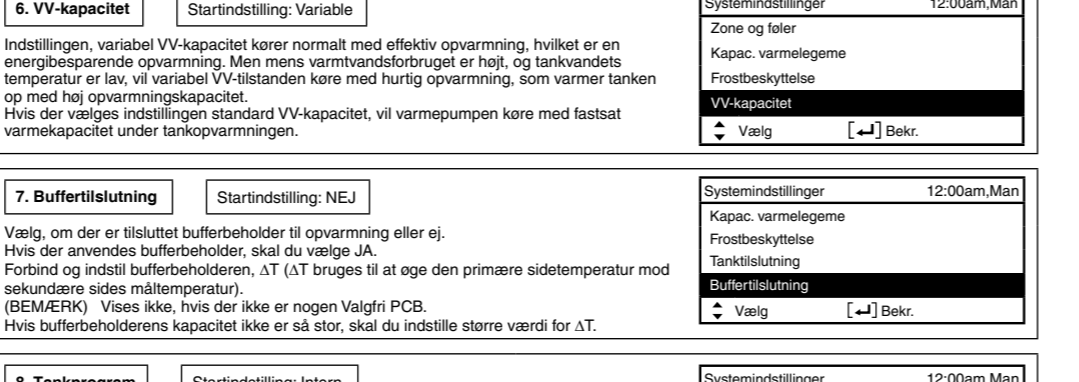
11. Solartilslutning



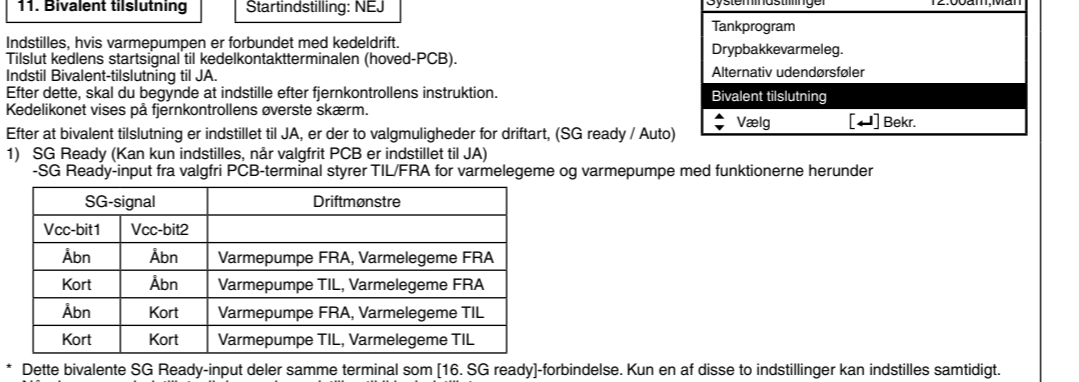
6. Der henvises til nedenstående tabel for færdigkarakteristikker for sensorerne nævnt ovenfor.

Table with 4 columns: Temperatur (°C), Modstandskraft (kΩ), Temperatur (°C), Modstandskraft (kΩ). Lists resistance values for different temperatures.

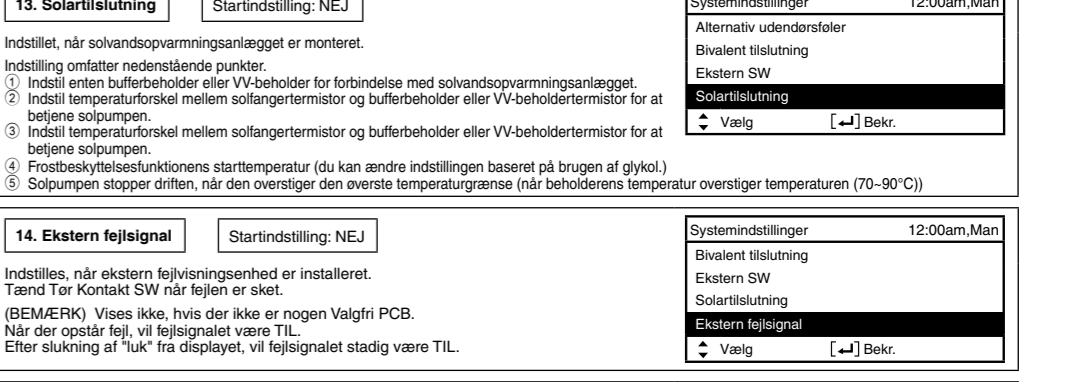
7. Buffer



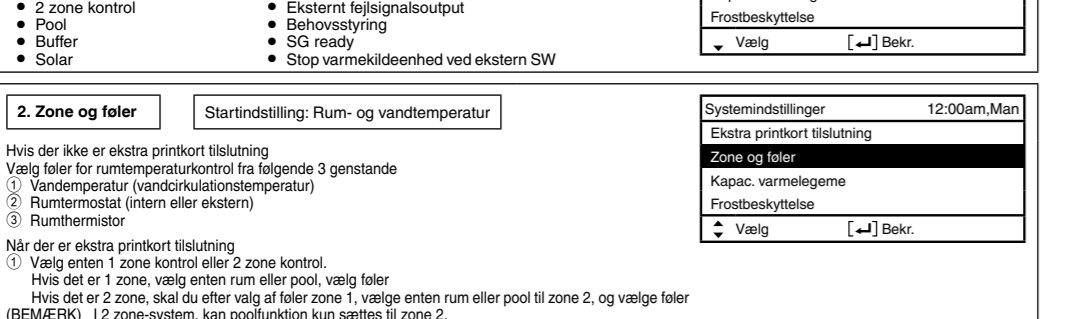
8. Tank



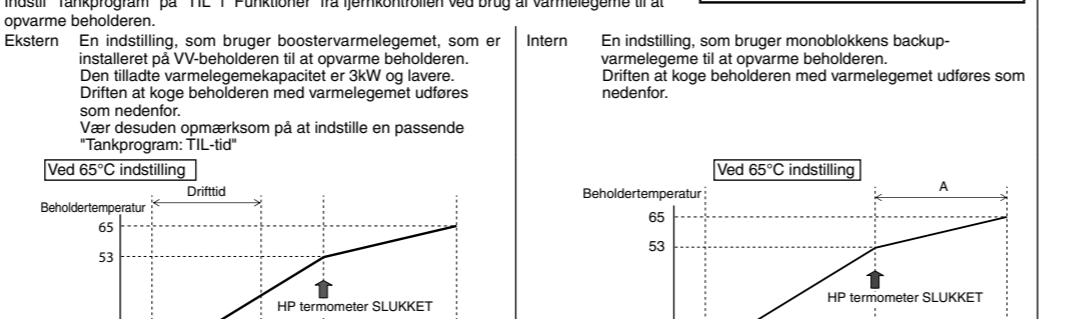
12. Sol Ready



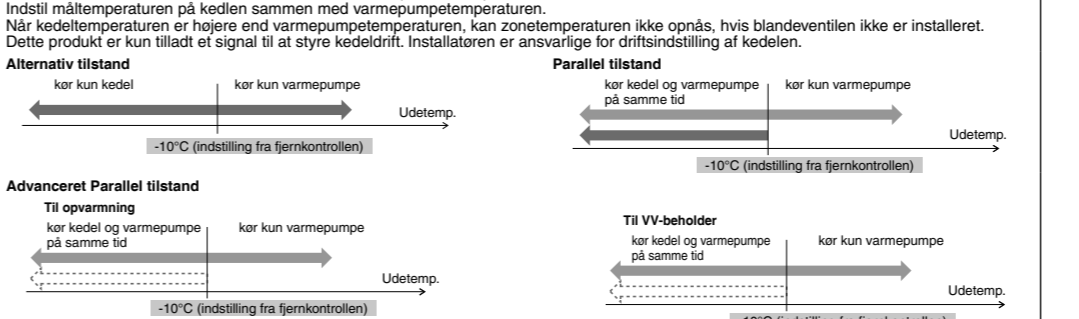
9. VV-kapacitet



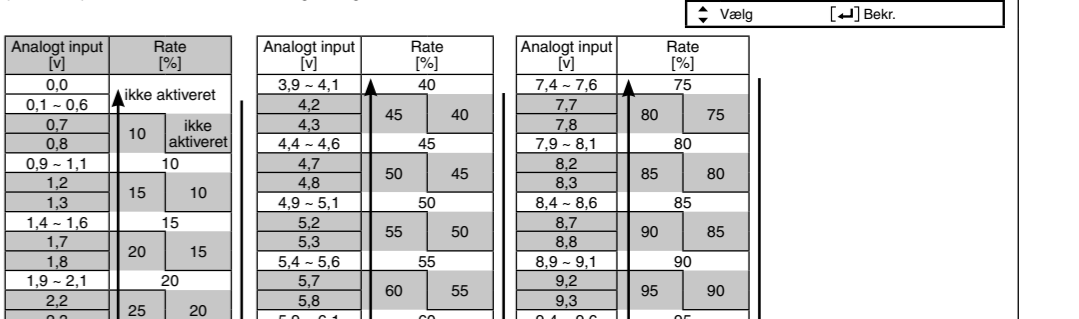
10. Alternativt udstendelse



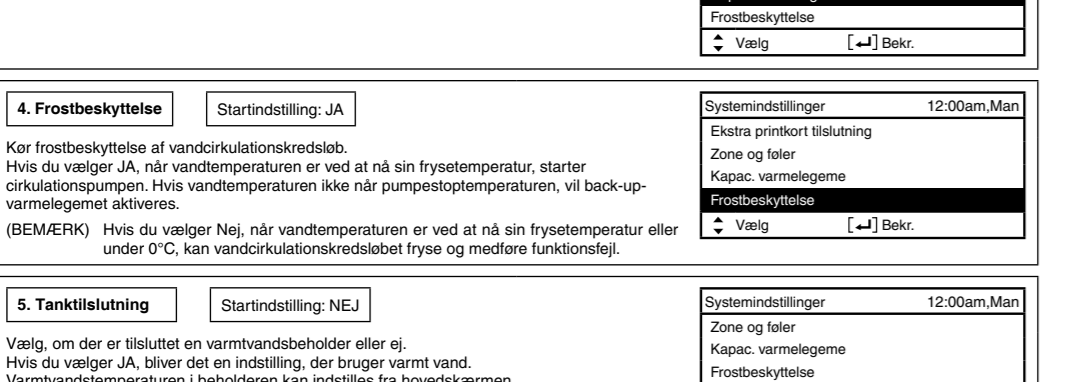
13. Solartilslutning



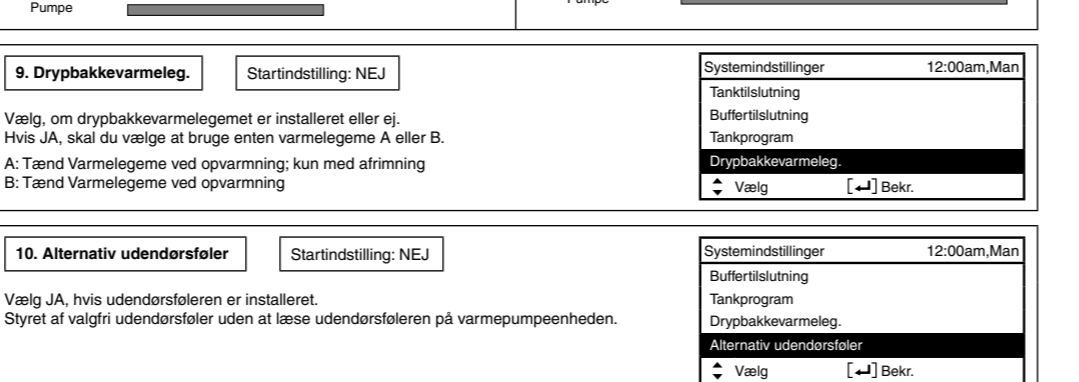
14. Ekstern fjernkontrol



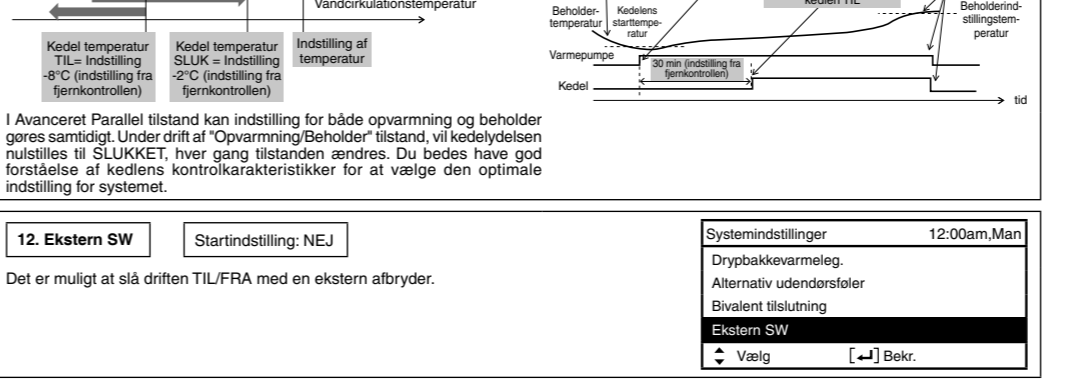
15. Behovstyring



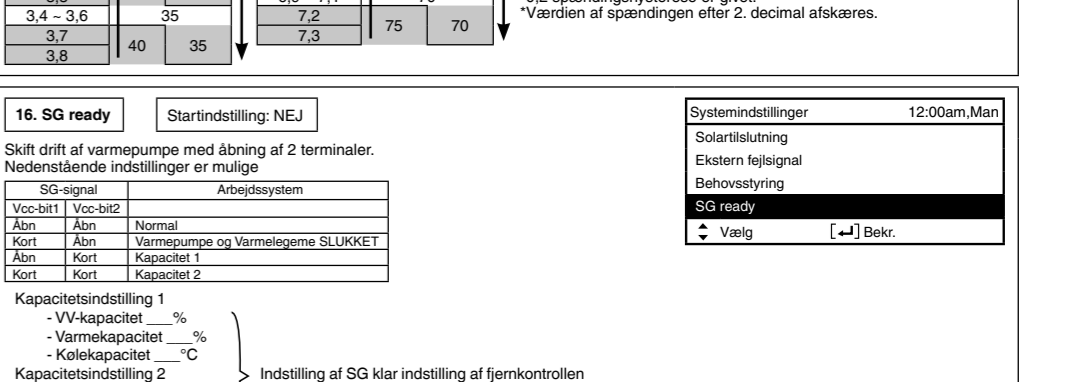
16. Sol Ready



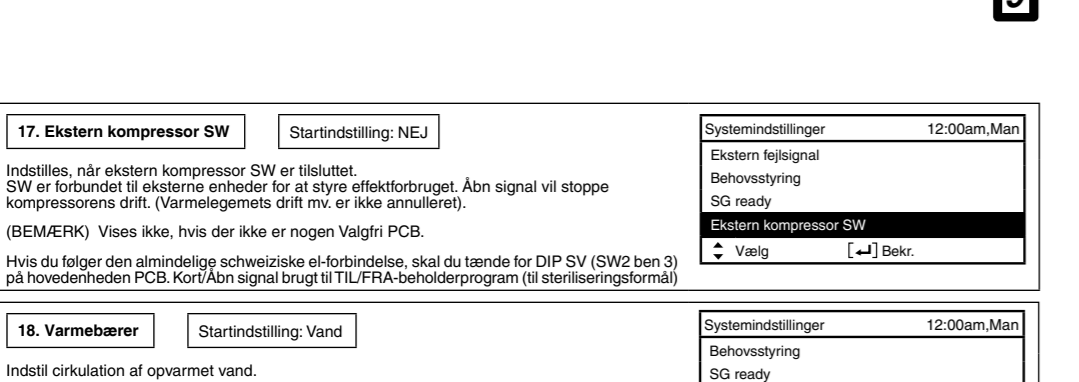
17. Ekstern kompressor SW



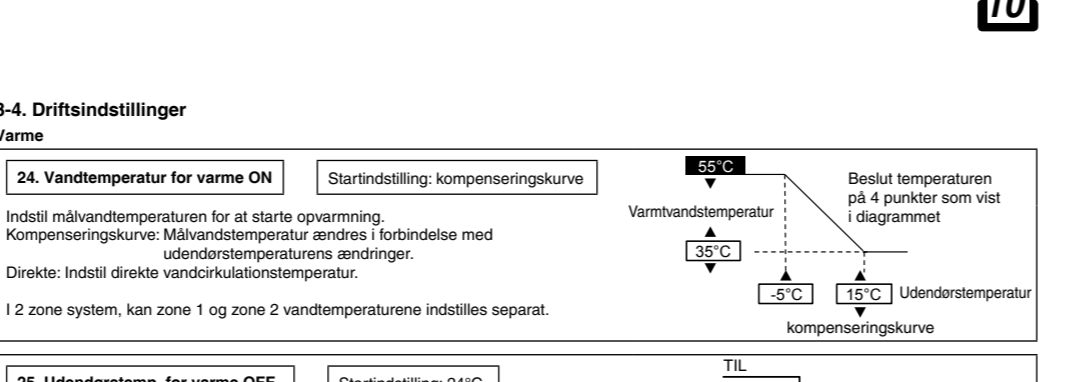
18. Solartilslutning



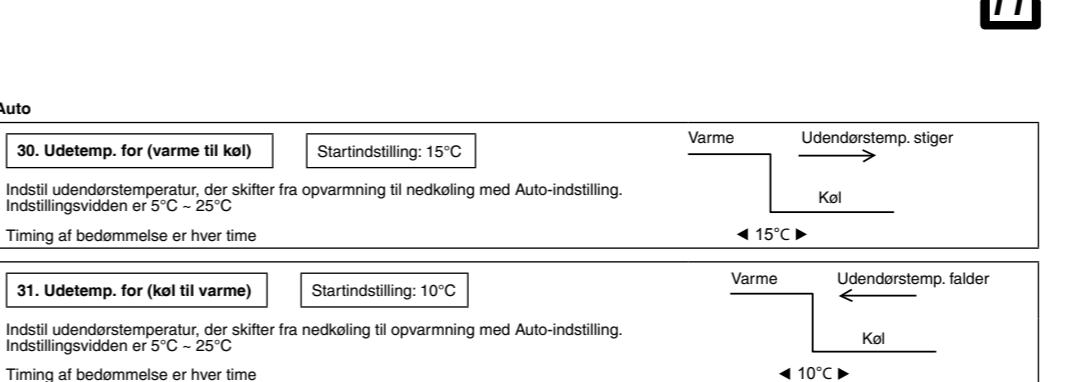
19. Varmefærdig kontakt



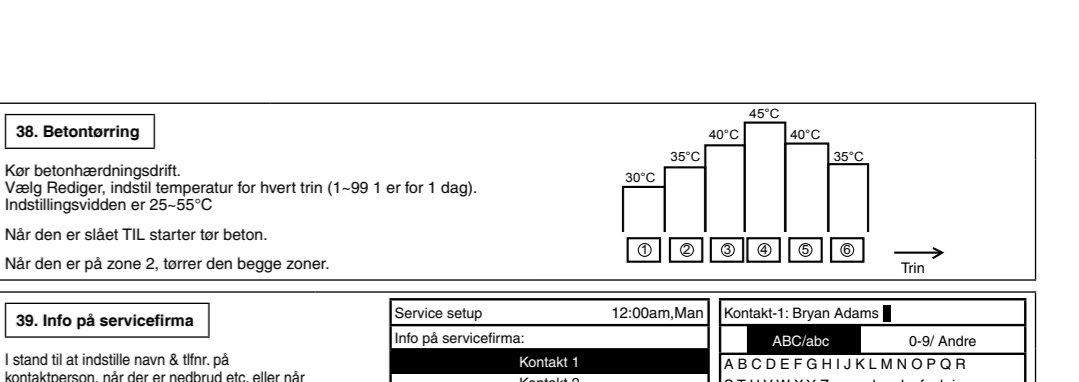
20. Start et backup



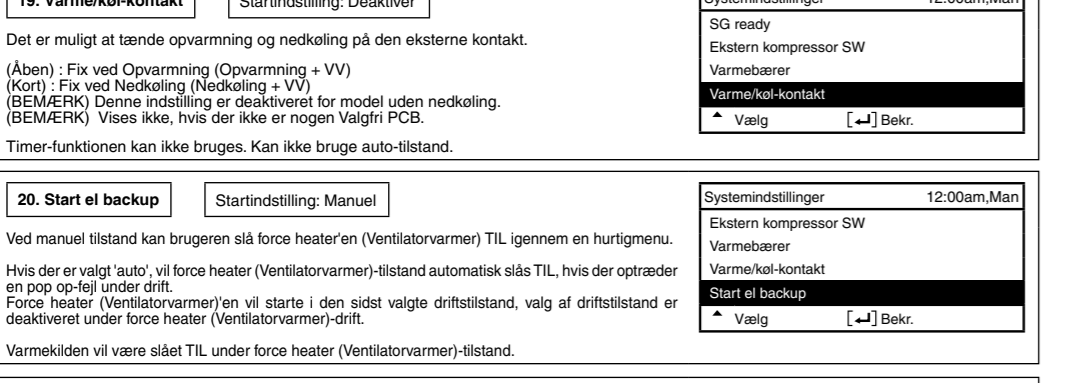
21. Tvangsfrim



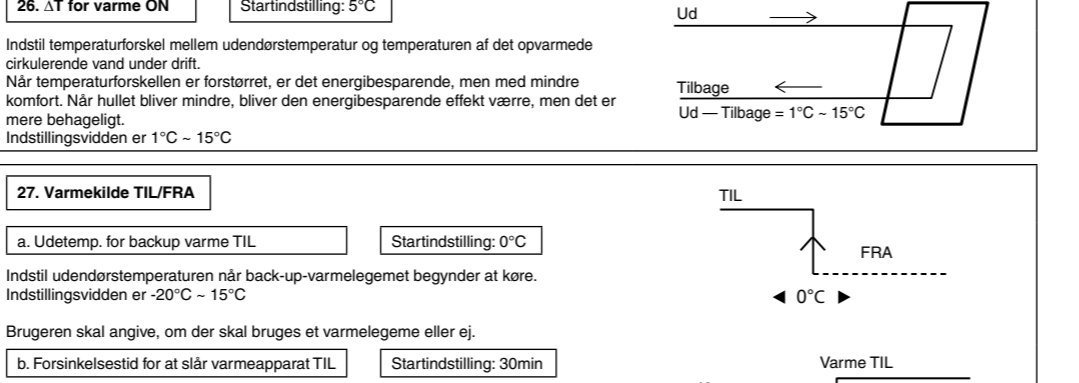
22. Artningsignal



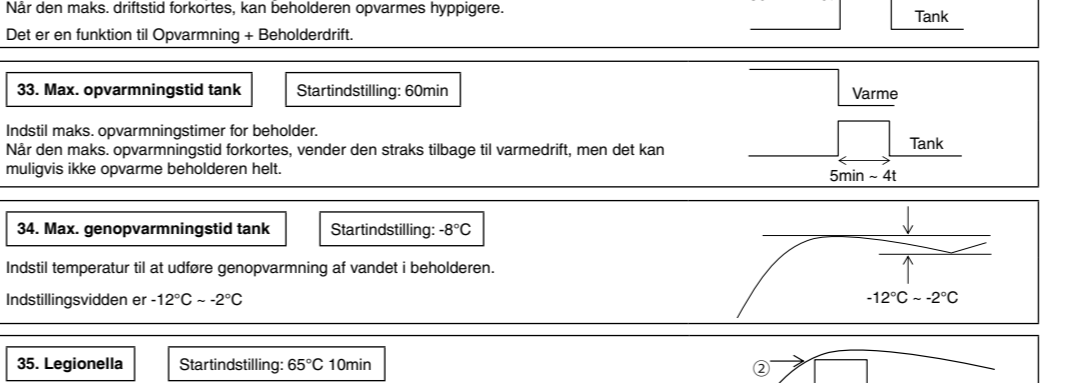
23. Pumpekabel



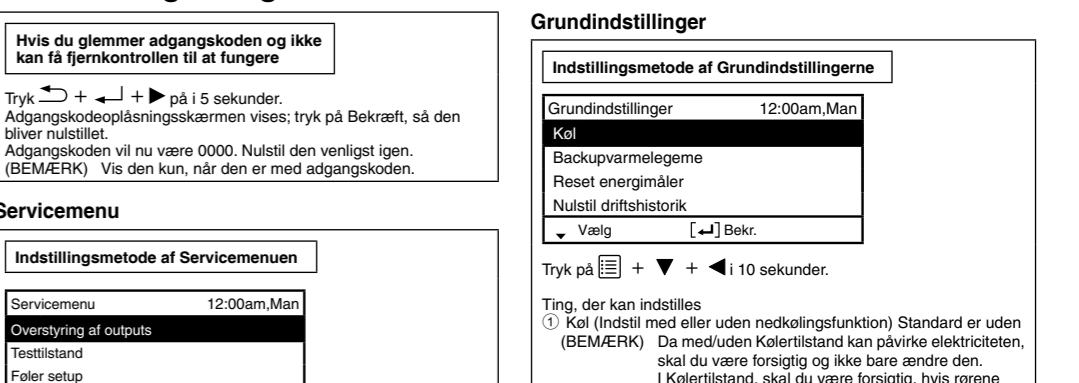
24. Vindtemperatur for varme ON



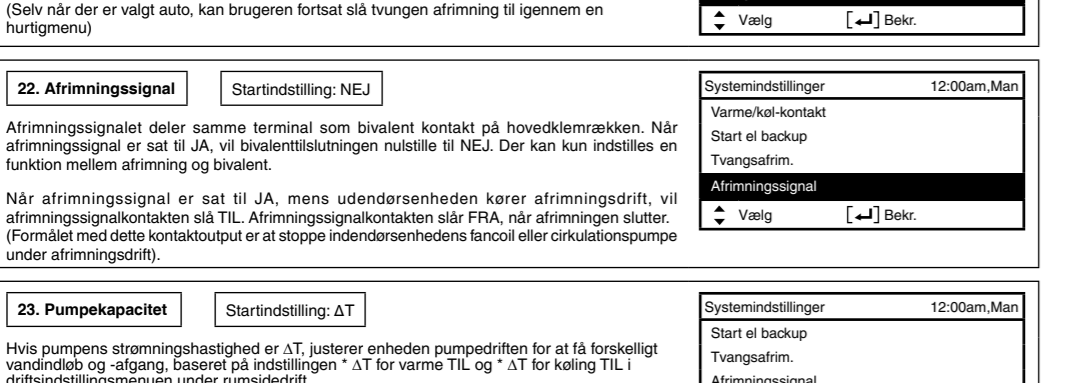
25. Uderstemperatur for varme OFF



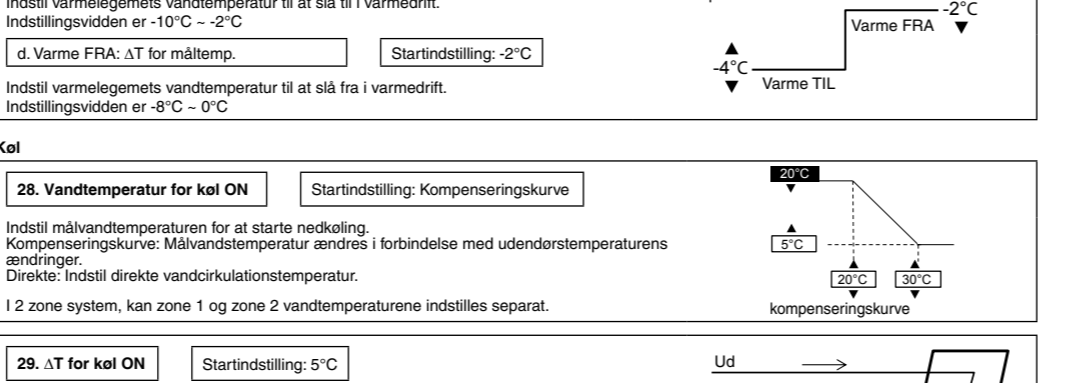
26. TIL for varme ON



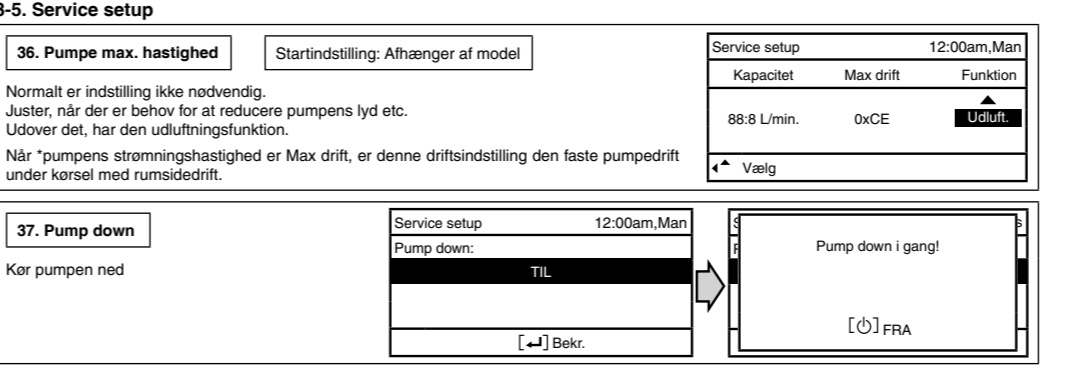
27. Varmefærdig TIL/FRA



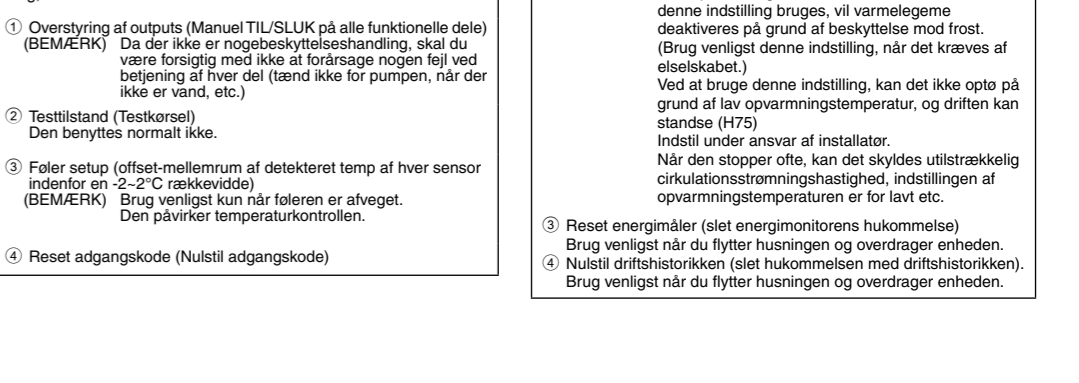
28. TIL for varme ON



29. TIL for varme ON



30. TIL for varme ON



31. Pumpekabel



32. Vindtemperatur for varme ON



33. Uderstemperatur for varme OFF



34. TIL for varme ON





Navodila za namestitve MONOBLOK ENOTA TOPLLOTNE ČRPALKE ZRAK-VODA

1 Variacije sistema

1.1 Uvod v aplikacije za nastavitve. Variacije nastavitve temperature za greje. 1. Dajšnje upravljanje. 2. Sobni termostat. 3. Zunanji sobni termostat. 4. Sobni termostat. 5. Soba bazen. 6. Odstajala 2 vrsti med nastavitve obtočne vode.

Priloge prikazuje različne sisteme pri uporabi toplotne črpalke zrak-voda in dejanski način nastavitve. 1.1 Uvod v aplikacije za nastavitve temperature za greje. 1. Dajšnje upravljanje. 2. Sobni termostat. 3. Zunanji sobni termostat. 4. Sobni termostat. 5. Soba bazen. 6. Odstajala 2 vrsti med nastavitve obtočne vode.

Opombe Prostor (T) Talo greje (R) Radiator. Nastavitve za greje. Nastavitve za hladno. Nastavitve za hladno. Nastavitve za hladno. Nastavitve za hladno.

Nastavitve za greje. Nastavitve za hladno. Nastavitve za hladno. Nastavitve za hladno. Nastavitve za hladno. Nastavitve za hladno.

Povezava glavne PCB. Vhod signala. Opzioni termostat. Priporočena specifikacija zunanje naprave. 1. Senzor Nadzor. 2. Odbornici senzor. 3. Zunanji senzor. 4. Sobni senzor. 5. Sobni senzor.

3.1 Skica daljnega upravljanja. Funkcija. Naziv. Funkcija. Naziv. Funkcija. Naziv. Funkcija. Naziv. Funkcija. Naziv.

Prvih priključen (Začetek namestitve). Nastav. sistema. Začetna nastavitve. Nastav. sistema. Začetna nastavitve. Nastav. sistema. Začetna nastavitve.

12. Zunanje stikalo. 13. Soba bazen. 14. Soba bazen. 15. Soba bazen. 16. Soba bazen. 17. Soba bazen. 18. Soba bazen. 19. Soba bazen. 20. Soba bazen. 21. Soba bazen. 22. Soba bazen. 23. Soba bazen. 24. Soba bazen. 25. Soba bazen. 26. Soba bazen. 27. Soba bazen. 28. Soba bazen. 29. Soba bazen. 30. Soba bazen. 31. Soba bazen. 32. Soba bazen. 33. Soba bazen. 34. Soba bazen. 35. Soba bazen. 36. Soba bazen. 37. Soba bazen. 38. Soba bazen. 39. Soba bazen. 40. Soba bazen. 41. Soba bazen. 42. Soba bazen. 43. Soba bazen. 44. Soba bazen. 45. Soba bazen. 46. Soba bazen. 47. Soba bazen. 48. Soba bazen. 49. Soba bazen. 50. Soba bazen.

Povezava opske PCB (CZ-NS4P). Vhod signala. Opzioni termostat. Priporočena specifikacija zunanje naprave. 1. Senzor Nadzor. 2. Odbornici senzor. 3. Zunanji senzor. 4. Sobni senzor. 5. Sobni senzor.

3.2 Nast. inštalera. Nastav. sistema. Začetna nastavitve. Nastav. sistema. Začetna nastavitve. Nastav. sistema. Začetna nastavitve.

11. Bivalentna povezava. Nastav. sistema. Začetna nastavitve. Nastav. sistema. Začetna nastavitve. Nastav. sistema. Začetna nastavitve.

13. Sola bazen povezava. Nastav. sistema. Začetna nastavitve. Nastav. sistema. Začetna nastavitve. Nastav. sistema. Začetna nastavitve.

3.3 Nastav. sistema. 1. Opcionalna PCB povežljivost. 2. Odbornice & Senzor. 3. Zmogljivi grelniki. 4. Zaščita pred mrazom. 5. Povez. rezervoarja. 6. Zunanji senzor. 7. Soba bazen. 8. Soba bazen. 9. Soba bazen. 10. Soba bazen. 11. Soba bazen. 12. Soba bazen. 13. Soba bazen. 14. Soba bazen. 15. Soba bazen. 16. Soba bazen. 17. Soba bazen. 18. Soba bazen. 19. Soba bazen. 20. Soba bazen. 21. Soba bazen. 22. Soba bazen. 23. Soba bazen. 24. Soba bazen. 25. Soba bazen. 26. Soba bazen. 27. Soba bazen. 28. Soba bazen. 29. Soba bazen. 30. Soba bazen. 31. Soba bazen. 32. Soba bazen. 33. Soba bazen. 34. Soba bazen. 35. Soba bazen. 36. Soba bazen. 37. Soba bazen. 38. Soba bazen. 39. Soba bazen. 40. Soba bazen. 41. Soba bazen. 42. Soba bazen. 43. Soba bazen. 44. Soba bazen. 45. Soba bazen. 46. Soba bazen. 47. Soba bazen. 48. Soba bazen. 49. Soba bazen. 50. Soba bazen.

4. Mod za toplotno. 5. Povezava rezervoarja. 6. Zunanji senzor. 7. Soba bazen. 8. Soba bazen. 9. Soba bazen. 10. Soba bazen. 11. Soba bazen. 12. Soba bazen. 13. Soba bazen. 14. Soba bazen. 15. Soba bazen. 16. Soba bazen. 17. Soba bazen. 18. Soba bazen. 19. Soba bazen. 20. Soba bazen. 21. Soba bazen. 22. Soba bazen. 23. Soba bazen. 24. Soba bazen. 25. Soba bazen. 26. Soba bazen. 27. Soba bazen. 28. Soba bazen. 29. Soba bazen. 30. Soba bazen. 31. Soba bazen. 32. Soba bazen. 33. Soba bazen. 34. Soba bazen. 35. Soba bazen. 36. Soba bazen. 37. Soba bazen. 38. Soba bazen. 39. Soba bazen. 40. Soba bazen. 41. Soba bazen. 42. Soba bazen. 43. Soba bazen. 44. Soba bazen. 45. Soba bazen. 46. Soba bazen. 47. Soba bazen. 48. Soba bazen. 49. Soba bazen. 50. Soba bazen.

14. Zunanje stikalo. 15. Soba bazen. 16. Soba bazen. 17. Soba bazen. 18. Soba bazen. 19. Soba bazen. 20. Soba bazen. 21. Soba bazen. 22. Soba bazen. 23. Soba bazen. 24. Soba bazen. 25. Soba bazen. 26. Soba bazen. 27. Soba bazen. 28. Soba bazen. 29. Soba bazen. 30. Soba bazen. 31. Soba bazen. 32. Soba bazen. 33. Soba bazen. 34. Soba bazen. 35. Soba bazen. 36. Soba bazen. 37. Soba bazen. 38. Soba bazen. 39. Soba bazen. 40. Soba bazen. 41. Soba bazen. 42. Soba bazen. 43. Soba bazen. 44. Soba bazen. 45. Soba bazen. 46. Soba bazen. 47. Soba bazen. 48. Soba bazen. 49. Soba bazen. 50. Soba bazen.

15. Nadzor zaslon. 16. Soba bazen. 17. Soba bazen. 18. Soba bazen. 19. Soba bazen. 20. Soba bazen. 21. Soba bazen. 22. Soba bazen. 23. Soba bazen. 24. Soba bazen. 25. Soba bazen. 26. Soba bazen. 27. Soba bazen. 28. Soba bazen. 29. Soba bazen. 30. Soba bazen. 31. Soba bazen. 32. Soba bazen. 33. Soba bazen. 34. Soba bazen. 35. Soba bazen. 36. Soba bazen. 37. Soba bazen. 38. Soba bazen. 39. Soba bazen. 40. Soba bazen. 41. Soba bazen. 42. Soba bazen. 43. Soba bazen. 44. Soba bazen. 45. Soba bazen. 46. Soba bazen. 47. Soba bazen. 48. Soba bazen. 49. Soba bazen. 50. Soba bazen.

17. Stikalo zunanje kompresorja. 18. Tekočina v obtočno. 19. Tekočina v obtočno. 20. Pospeš. Grelnika. 21. Zagon odlaš. 22. Signal oddajanje. 23. Pretek črpalke. 24. Soba bazen. 25. Soba bazen. 26. Soba bazen. 27. Soba bazen. 28. Soba bazen. 29. Soba bazen. 30. Soba bazen. 31. Soba bazen. 32. Soba bazen. 33. Soba bazen. 34. Soba bazen. 35. Soba bazen. 36. Soba bazen. 37. Soba bazen. 38. Soba bazen. 39. Soba bazen. 40. Soba bazen. 41. Soba bazen. 42. Soba bazen. 43. Soba bazen. 44. Soba bazen. 45. Soba bazen. 46. Soba bazen. 47. Soba bazen. 48. Soba bazen. 49. Soba bazen. 50. Soba bazen.

3.4. Nastav. delovanja. Greje. 25. Temp. okolice za greje OFF. 26. AT za greje ON. 27. Vključitev grelnika. 28. Soba bazen. 29. Soba bazen. 30. Soba bazen. 31. Soba bazen. 32. Soba bazen. 33. Soba bazen. 34. Soba bazen. 35. Soba bazen. 36. Soba bazen. 37. Soba bazen. 38. Soba bazen. 39. Soba bazen. 40. Soba bazen. 41. Soba bazen. 42. Soba bazen. 43. Soba bazen. 44. Soba bazen. 45. Soba bazen. 46. Soba bazen. 47. Soba bazen. 48. Soba bazen. 49. Soba bazen. 50. Soba bazen.

Arto. 30. Zun. temp. za (Greje/Hajenje). 31. Zun. temp. za (Hajenje/Greje). 32. Čas delovanja tal (maks). 33. Čas ogrev. rezervoarja. 34. Čas pon. ogrev. rezerv. 35. Sterilizacija. 36. Maks. hitrost črpalke. 37. Črpanje. 38. Soba bazen. 39. Soba bazen. 40. Soba bazen. 41. Soba bazen. 42. Soba bazen. 43. Soba bazen. 44. Soba bazen. 45. Soba bazen. 46. Soba bazen. 47. Soba bazen. 48. Soba bazen. 49. Soba bazen. 50. Soba bazen.

38. Suh beton. 39. Servisni kontakt. 40. Servisni kontakt. 41. Servisni kontakt. 42. Servisni kontakt. 43. Servisni kontakt. 44. Servisni kontakt. 45. Servisni kontakt. 46. Servisni kontakt. 47. Servisni kontakt. 48. Servisni kontakt. 49. Servisni kontakt. 50. Servisni kontakt.

17. Stikalo zunanje kompresorja. 18. Tekočina v obtočno. 19. Tekočina v obtočno. 20. Pospeš. Grelnika. 21. Zagon odlaš. 22. Signal oddajanje. 23. Pretek črpalke. 24. Soba bazen. 25. Soba bazen. 26. Soba bazen. 27. Soba bazen. 28. Soba bazen. 29. Soba bazen. 30. Soba bazen. 31. Soba bazen. 32. Soba bazen. 33. Soba bazen. 34. Soba bazen. 35. Soba bazen. 36. Soba bazen. 37. Soba bazen. 38. Soba bazen. 39. Soba bazen. 40. Soba bazen. 41. Soba bazen. 42. Soba bazen. 43. Soba bazen. 44. Soba bazen. 45. Soba bazen. 46. Soba bazen. 47. Soba bazen. 48. Soba bazen. 49. Soba bazen. 50. Soba bazen.

3.4. Nastav. delovanja. Greje. 25. Temp. okolice za greje OFF. 26. AT za greje ON. 27. Vključitev grelnika. 28. Soba bazen. 29. Soba bazen. 30. Soba bazen. 31. Soba bazen. 32. Soba bazen. 33. Soba bazen. 34. Soba bazen. 35. Soba bazen. 36. Soba bazen. 37. Soba bazen. 38. Soba bazen. 39. Soba bazen. 40. Soba bazen. 41. Soba bazen. 42. Soba bazen. 43. Soba bazen. 44. Soba bazen. 45. Soba bazen. 46. Soba bazen. 47. Soba bazen. 48. Soba bazen. 49. Soba bazen. 50. Soba bazen.

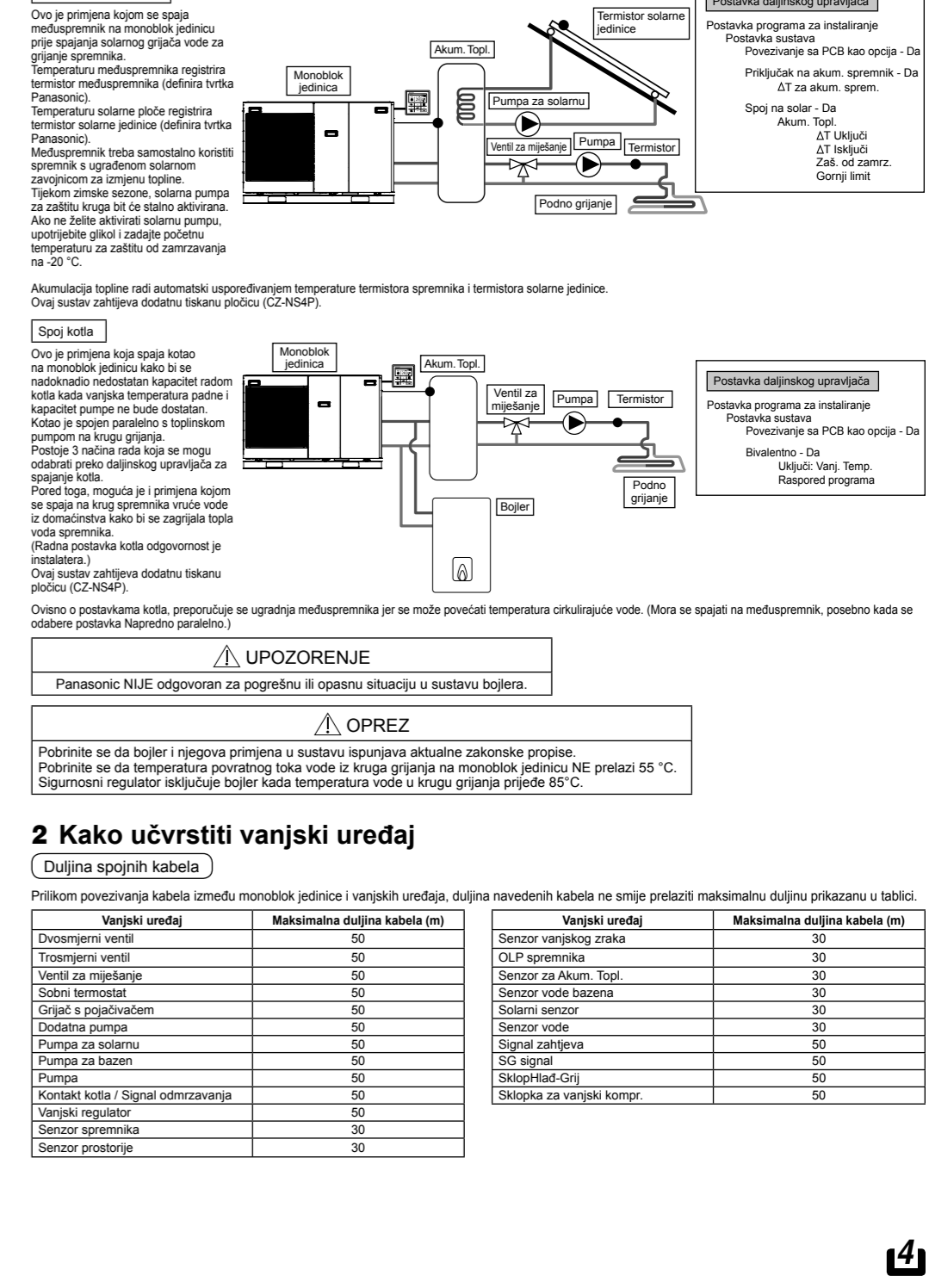
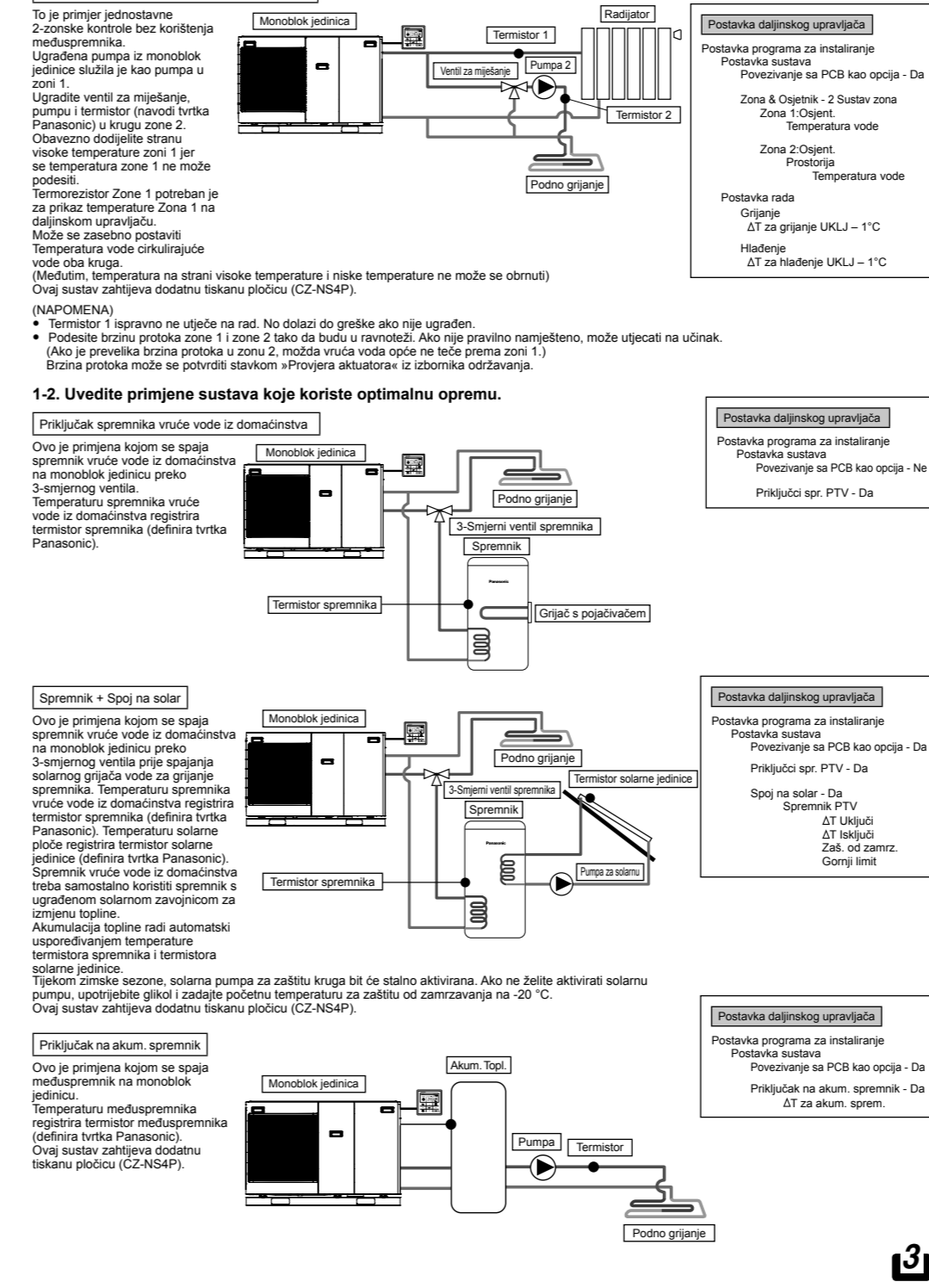
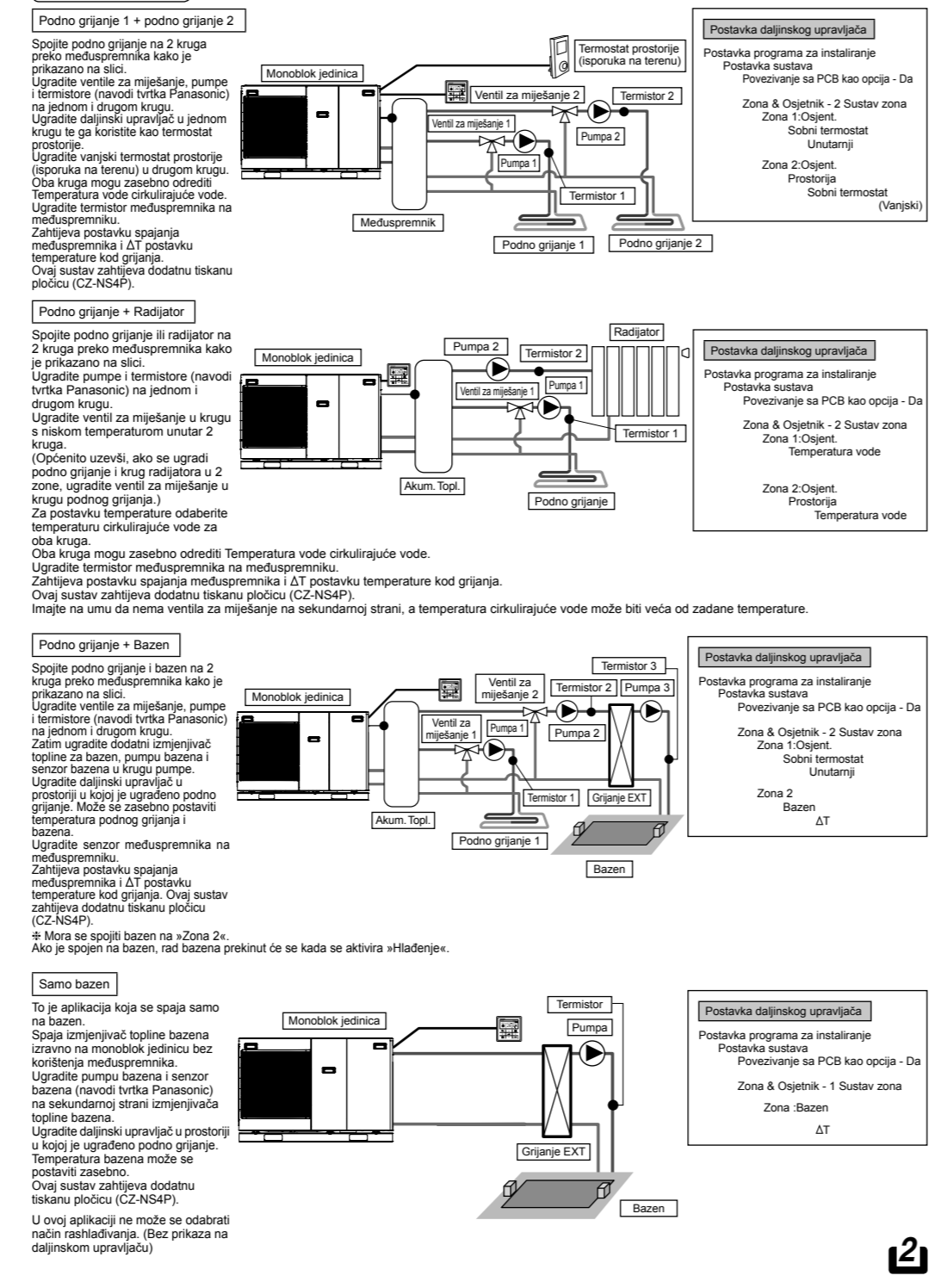
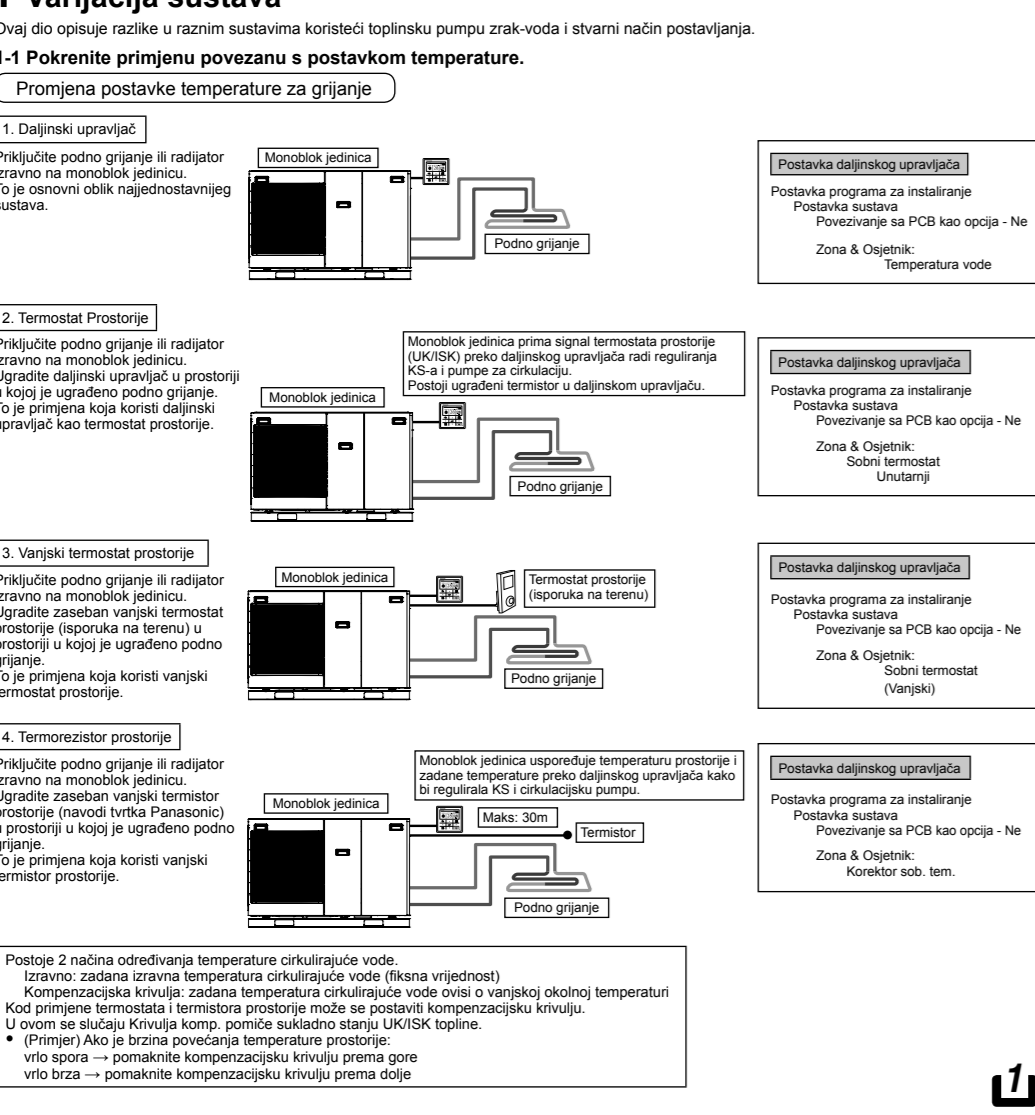
Arto. 30. Zun. temp. za (Greje/Hajenje). 31. Zun. temp. za (Hajenje/Greje). 32. Čas delovanja tal (maks). 33. Čas ogrev. rezervoarja. 34. Čas pon. ogrev. rezerv. 35. Sterilizacija. 36. Maks. hitrost črpalke. 37. Črpanje. 38. Soba bazen. 39. Soba bazen. 40. Soba bazen. 41. Soba bazen. 42. Soba bazen. 43. Soba bazen. 44. Soba bazen. 45. Soba bazen. 46. Soba bazen. 47. Soba bazen. 48. Soba bazen. 49. Soba bazen. 50. Soba bazen.

38. Suh beton. 39. Servisni kontakt. 40. Servisni kontakt. 41. Servisni kontakt. 42. Servisni kontakt. 43. Servisni kontakt. 44. Servisni kontakt. 45. Servisni kontakt. 46. Servisni kontakt. 47. Servisni kontakt. 48. Servisni kontakt. 49. Servisni kontakt. 50. Servisni kontakt.

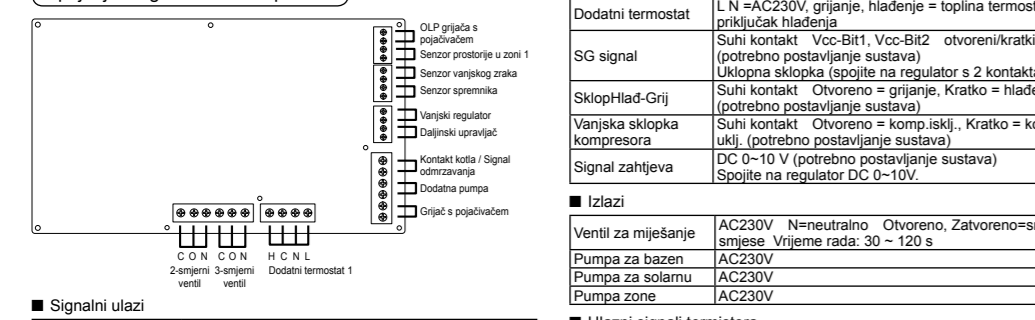


Priručnik za ugradnju MONOBLOK TOPLINSKA PUMPA ZRAK-VODA

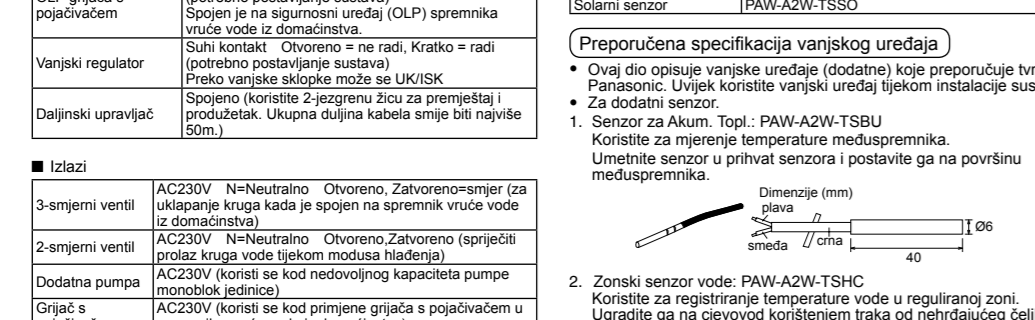
1 Varijacija sustava



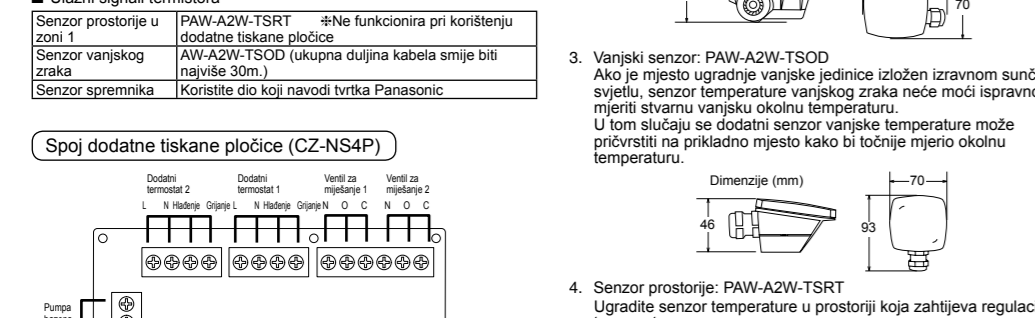
2. Termostat postrojenje



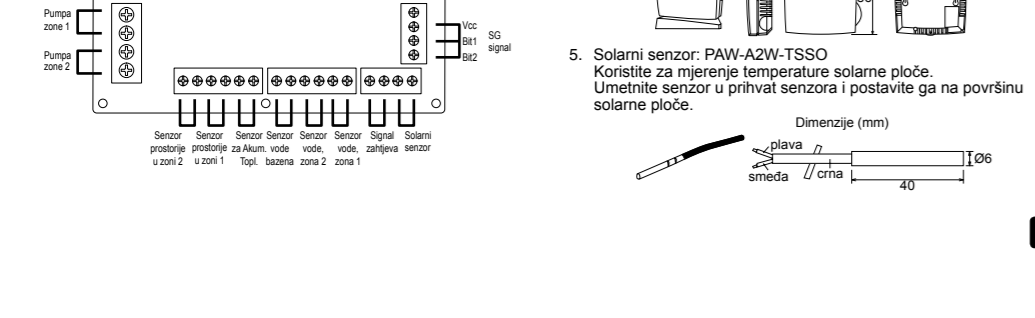
3. Vanjski termostat postrojenje



4. Termosenzor postrojenje



5. Solarni senzor

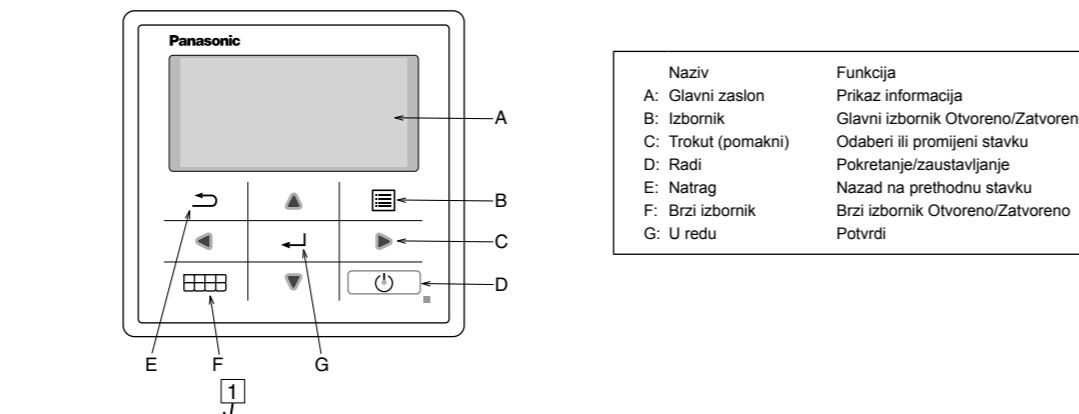


6. U donjoj tabeli postojite svežnja navedenih senzora

Table listing various sensors and their specifications, including temperature ranges and model numbers.

3. Instalacija sustava

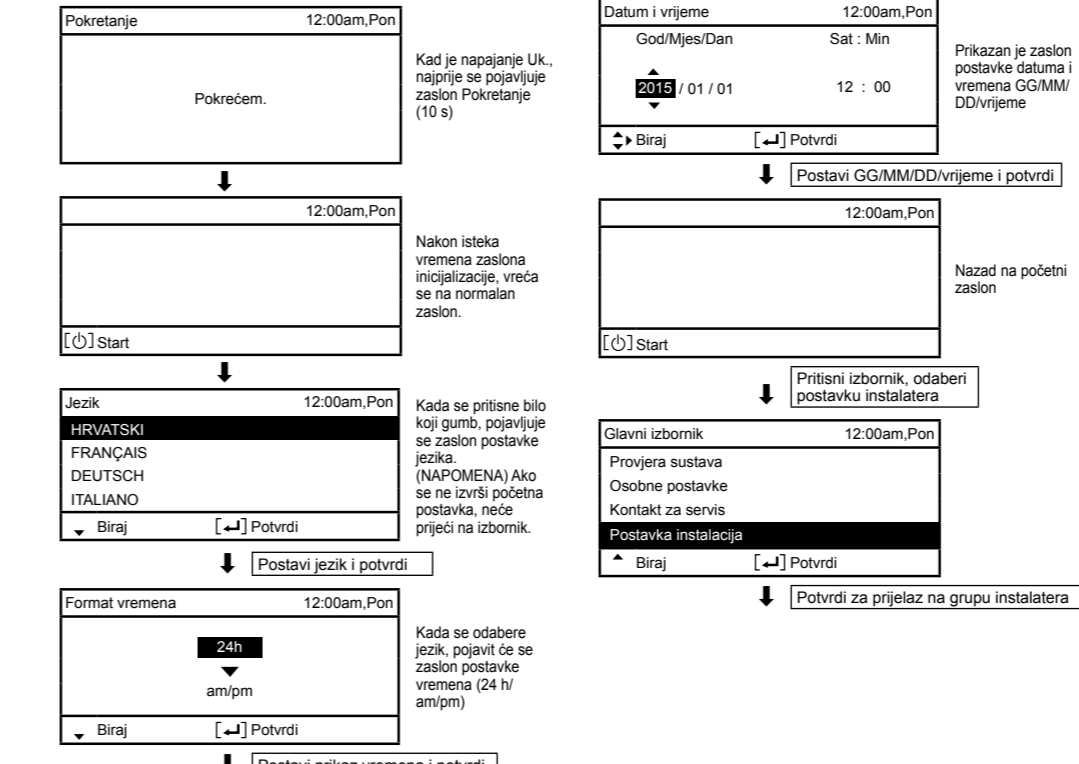
3-1. Nastavak daljinskog upravljača



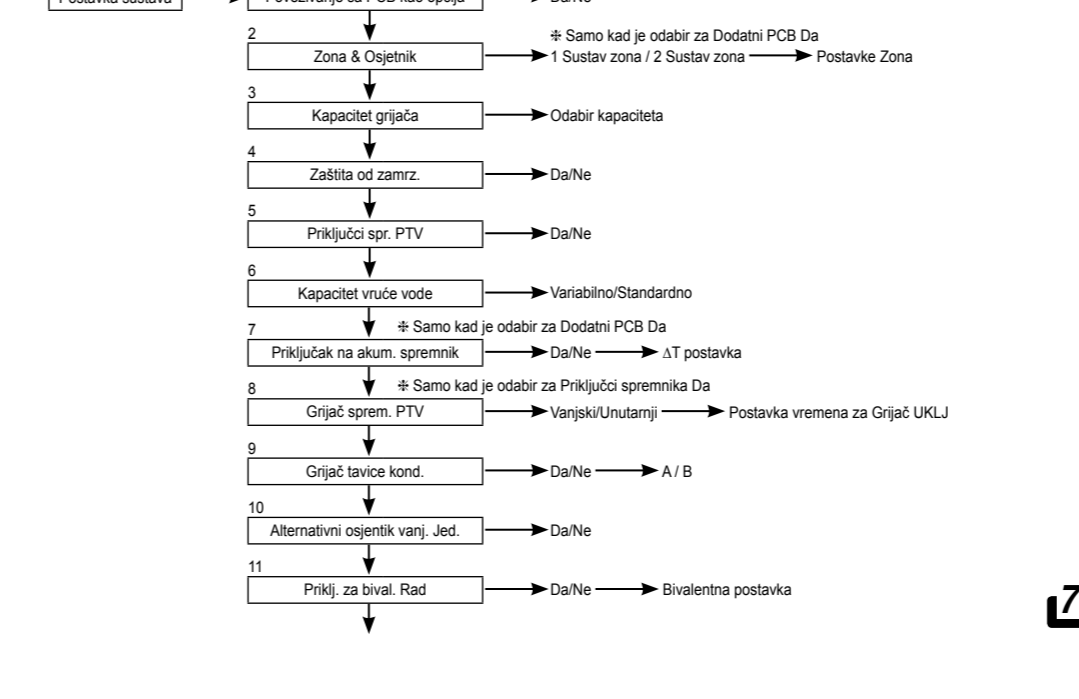
3-2. Postavka instalacije



Prvo uključivanje (Početna instalacija)



3-2. Postavka instalacije

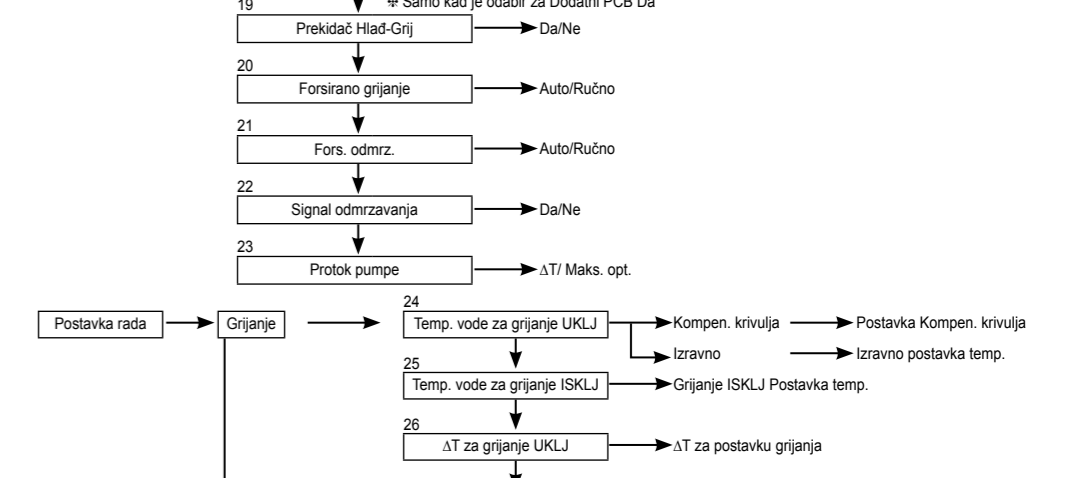


2. Signifikantno ugradnja vanjski uređaj

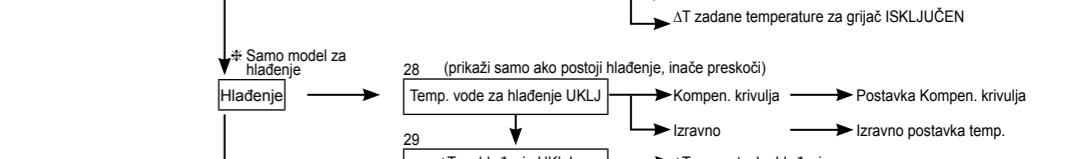
Duljina spojnih kabela

Table showing maximum cable lengths for various components like pumps, valves, and sensors.

16. Upravljanje opremom



17. Vanjska sklopka za kompr.



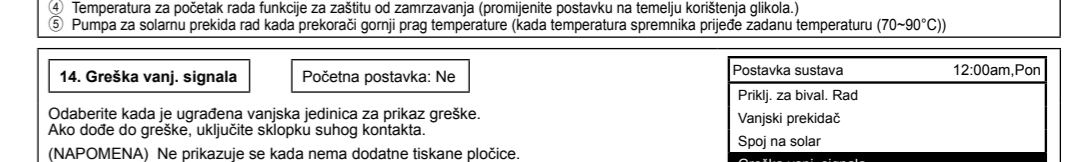
18. Cirkulacija tekućine



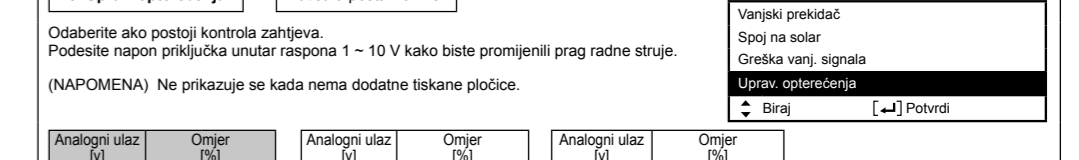
19. Prekidni Had-Grđ



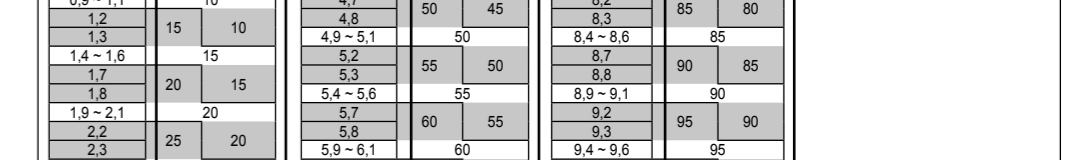
20. Forsiranje grijanje



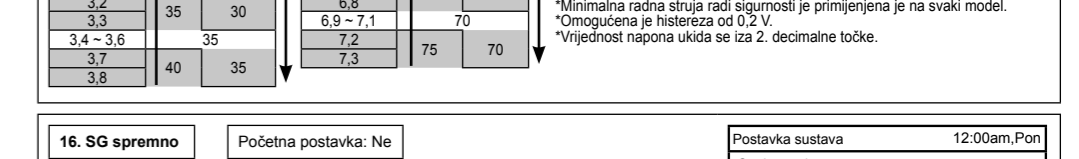
21. Spojni solarni



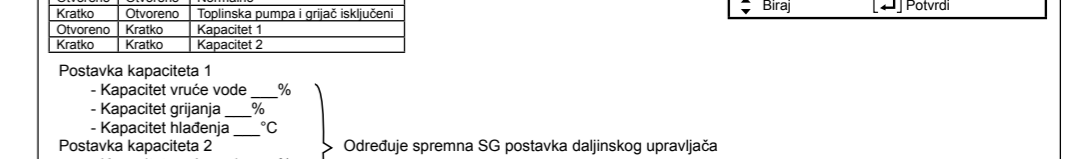
22. Vrijeme rada pod. Grđ. (maka)



23. Vrijeme zagr. spr. PTV (maka)



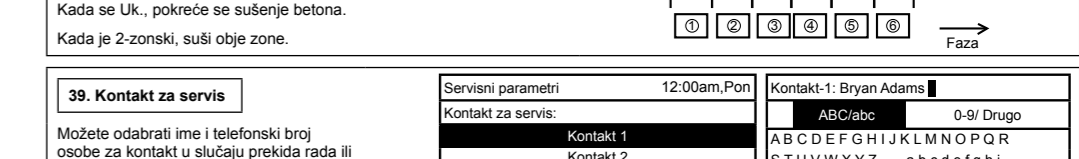
24. Temp. dogr. spr. PTV



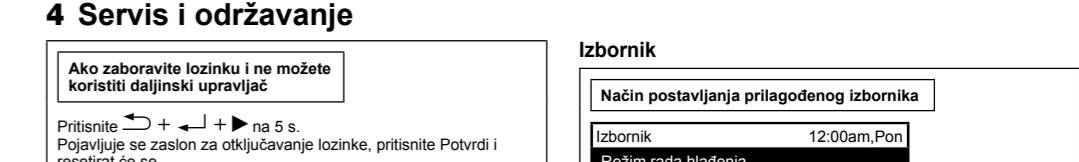
25. Vrijeme rada pod. Grđ. (maka)



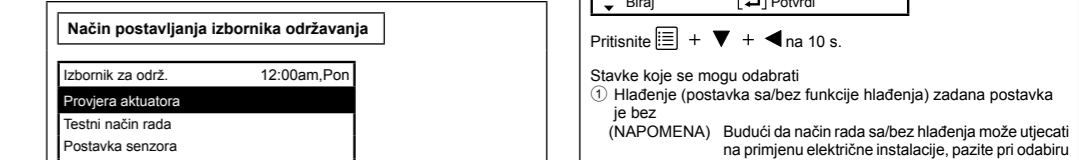
26. AT za grijanje UKLJ



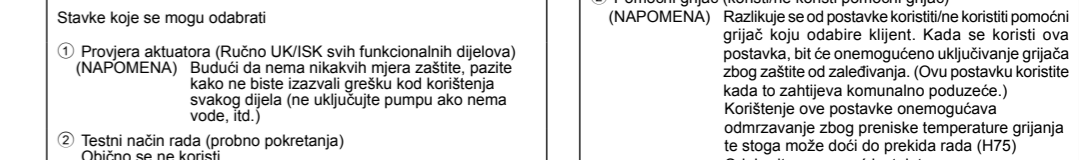
27. Grijaj UKLJ/ISKLJ



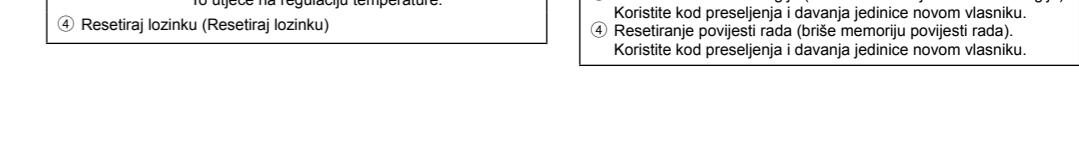
28. Sterilizacija



29. AT za hlađenje UKLJ



30. Vanjska temp. za (grij.) na hladj.

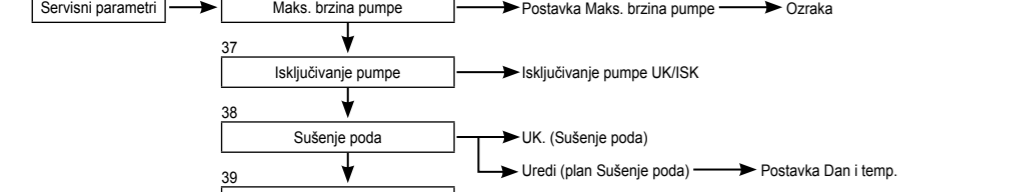


31. Vanjska temp. za (hlad.) na grij.

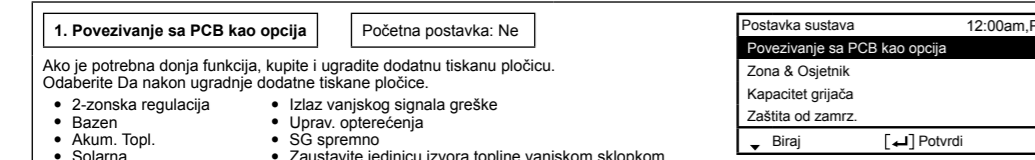


3-3. Postavka sustava

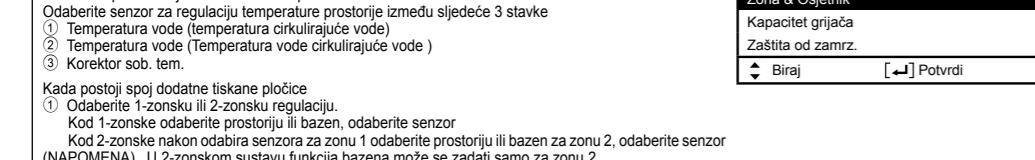
1. Postavka za PCB kao opcija



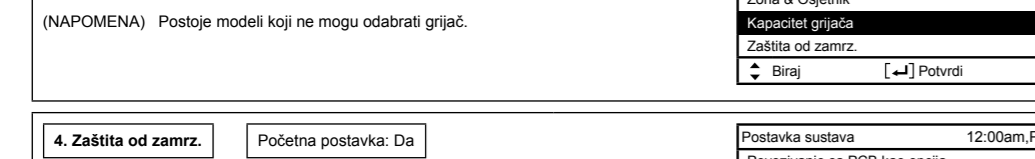
2. Zona & Ocjelina



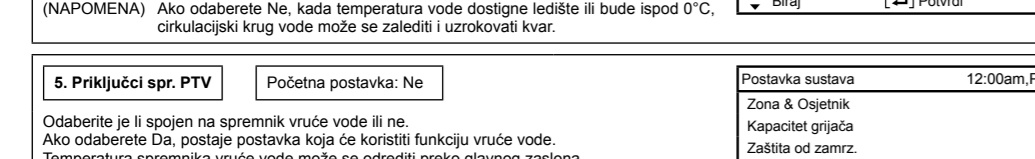
3. Kapacitet grijaja



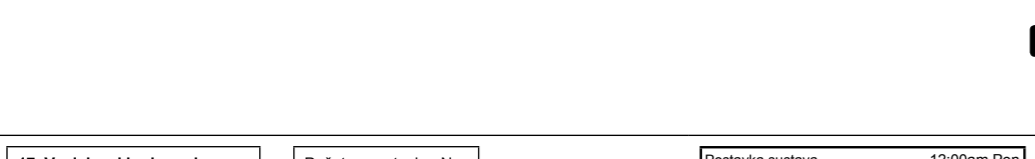
4. Zaštita od zamrz.



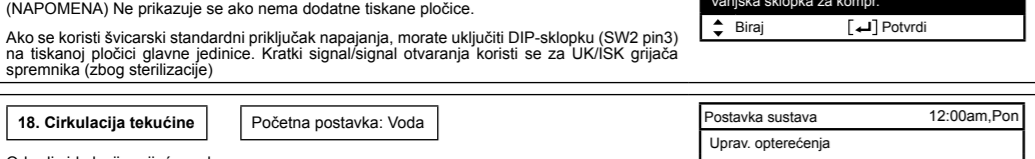
5. Priključak spr. PTV



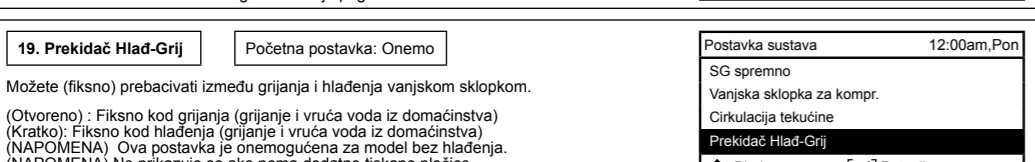
6. Priključak vanjski vanj. Jed.



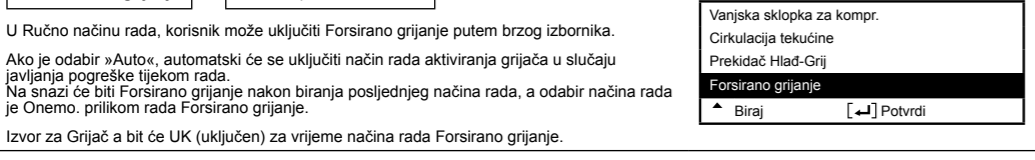
7. Grijaj tavice kond.



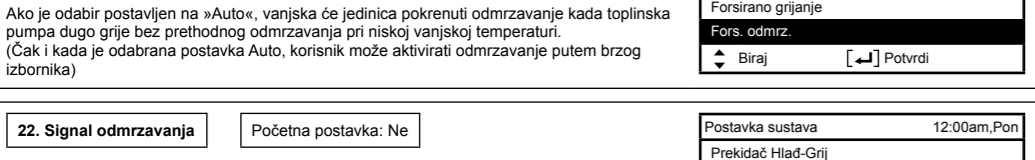
8. Grijaj tavice kond.



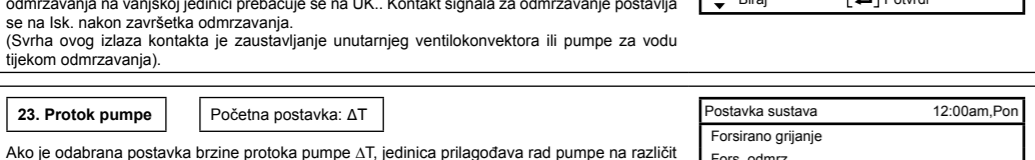
9. Alternativni osjetnik vanj. Jed.



10. Alternativni osjetnik vanj. Jed.



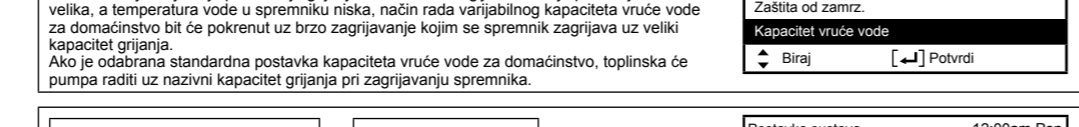
11. Vanjska sklopka za kompr.



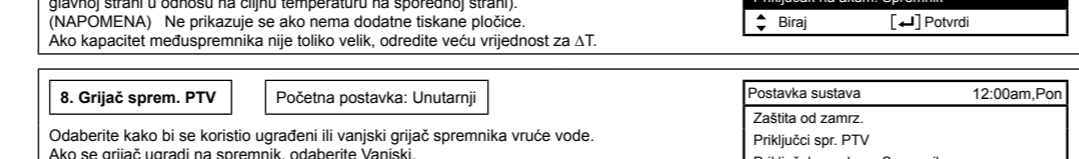
12. Cirkulacija tekućine



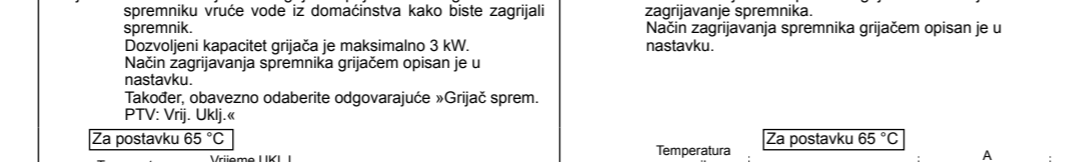
8. Kapacitet vruće vode



7. Priključak na alum. spremnik



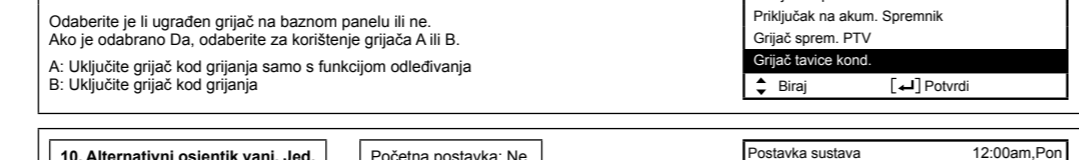
8. Grijaj spr. PTV



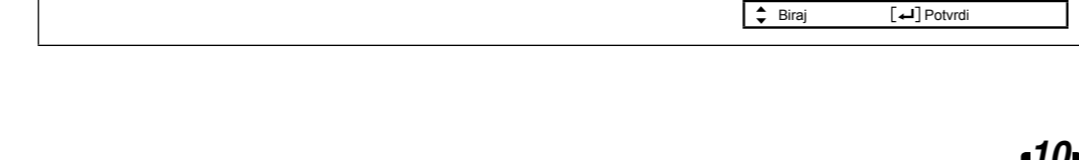
9. Solarni senzor



4. Grijaj tavice kond.

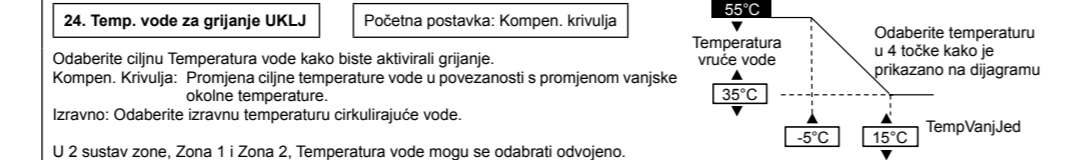


10. Alternativni osjetnik vanj. Jed.

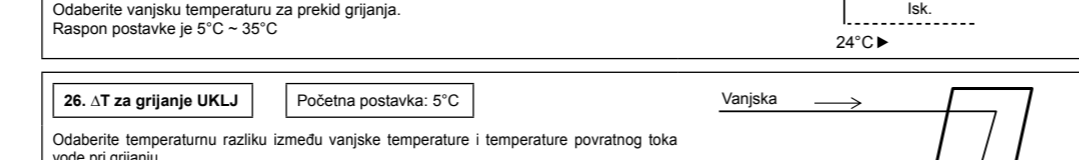


3-4. Postavka rada

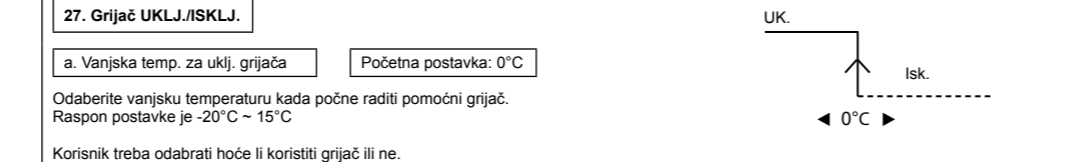
17. Vanjska sklopka za kompr.



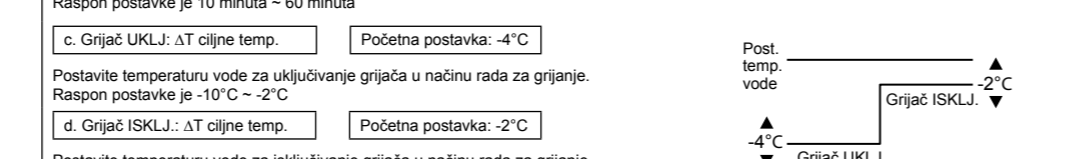
18. Cirkulacija tekućine



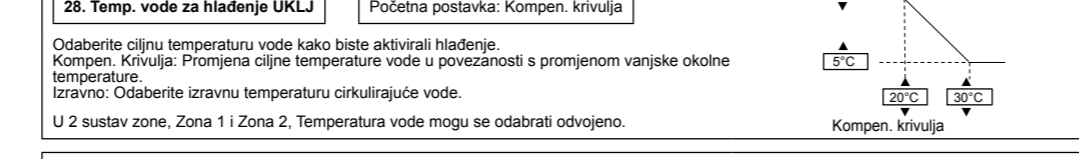
19. Prekidni Had-Grđ



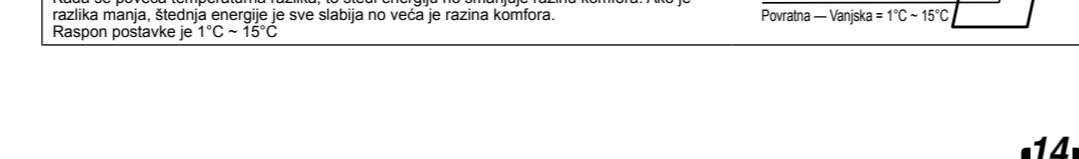
20. Forsiranje grijanje



21. For. odmrz.



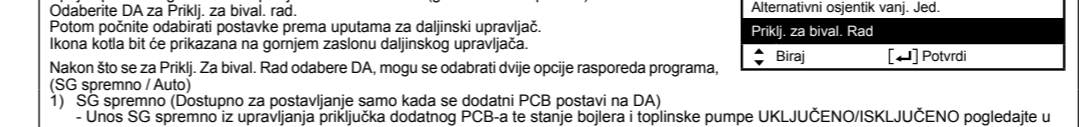
22. Signal odmrzavanja



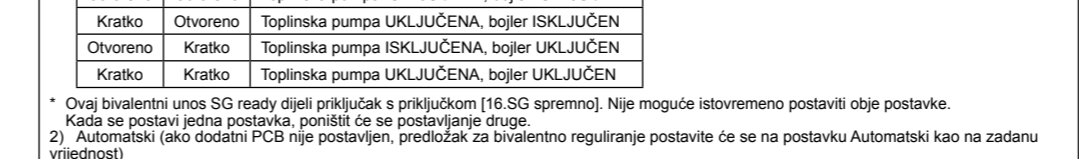
23. Protokol pumpe



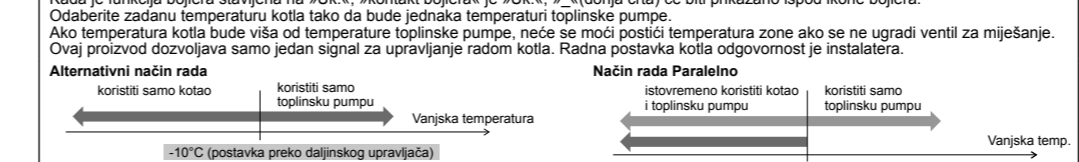
11. Priklj. za brzo rad.



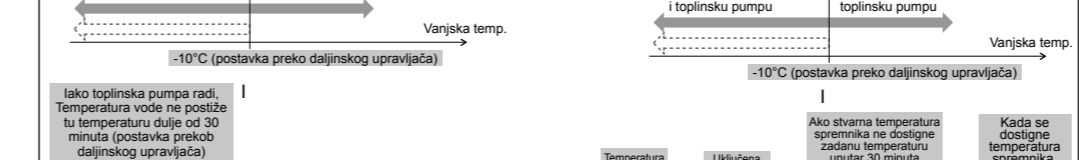
12. Vrijeme rada pod. Grđ. (maka)



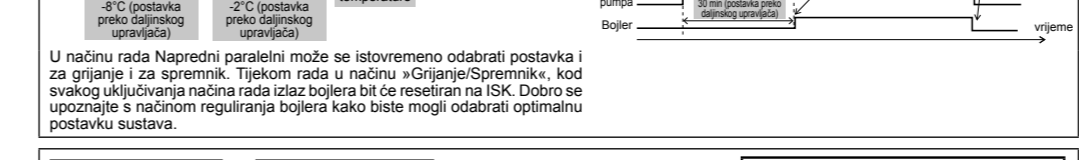
13. Spojni solarni



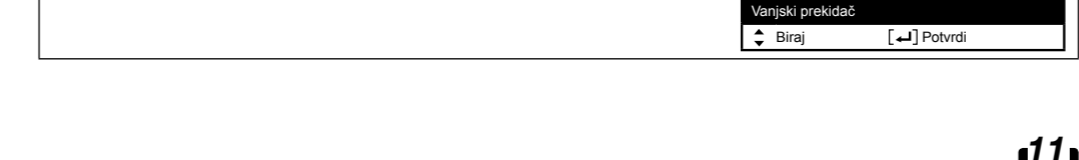
14. Upravljanje opremom



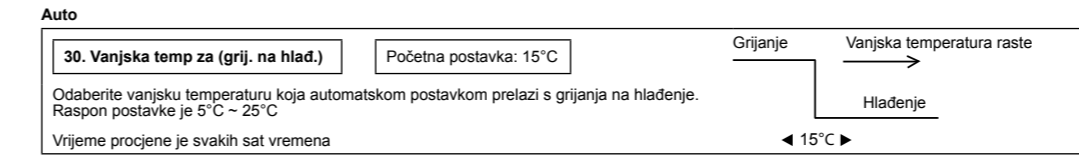
15. Upravljanje opremom



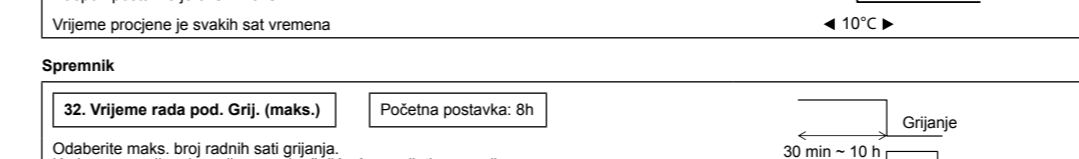
16. Upravljanje opremom



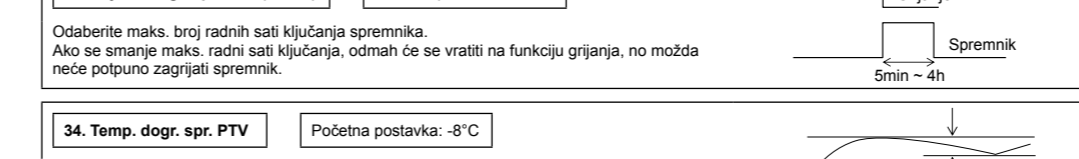
17. Vanjska sklopka za kompr.



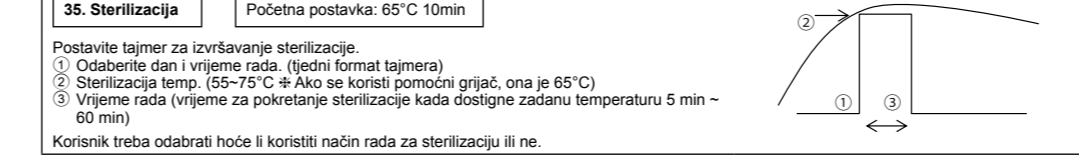
18. Cirkulacija tekućine



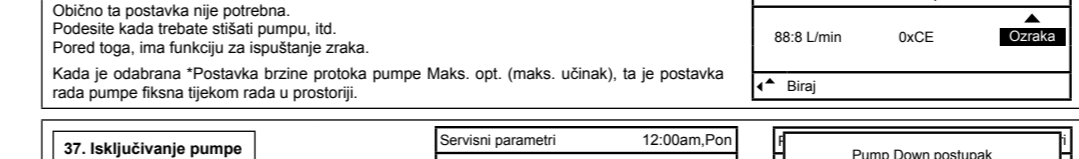
19. Prekidni Had-Grđ



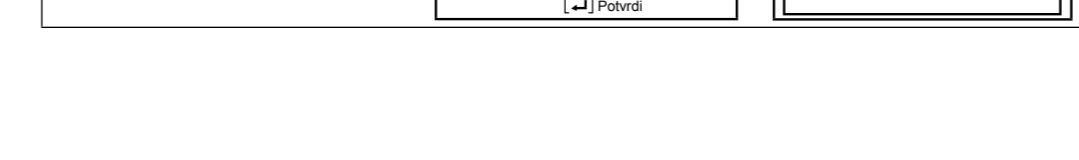
20. Forsiranje grijanje



21. For. odmrz.



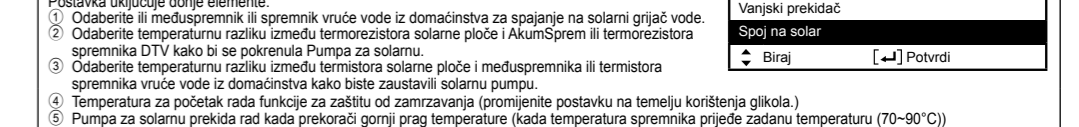
22. Signal odmrzavanja



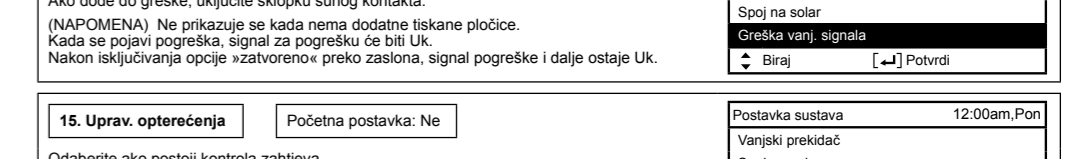
23. Protokol pumpe



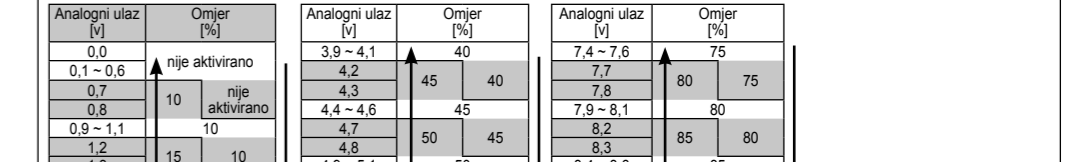
12. Vrijeme rada pod. Grđ. (maka)



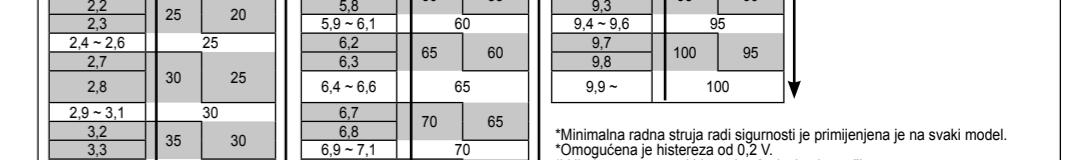
13. Spojni solarni



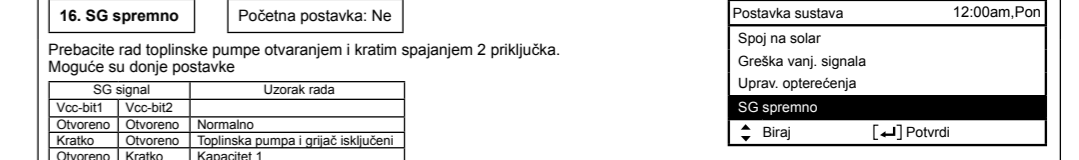
14. Upravljanje opremom



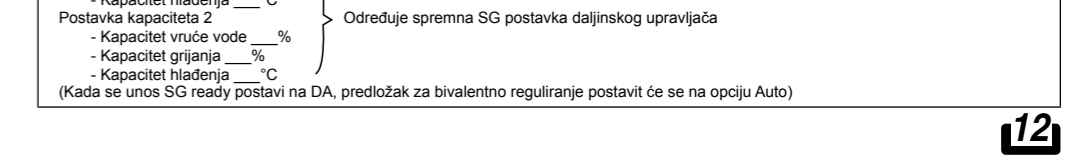
15. Upravljanje opremom



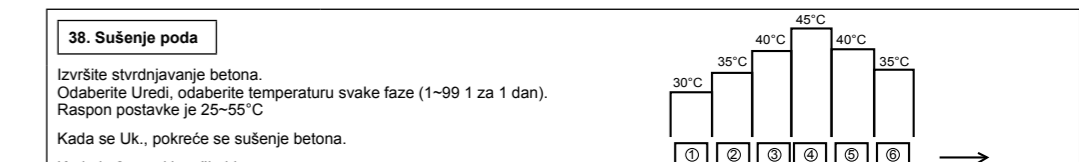
16. Upravljanje opremom



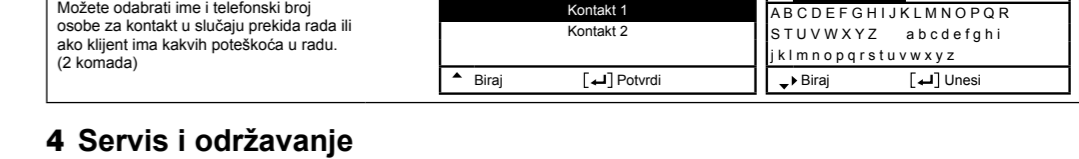
17. Vanjska sklopka za kompr.



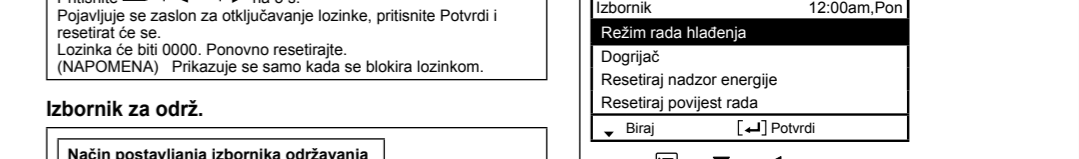
18. Cirkulacija tekućine



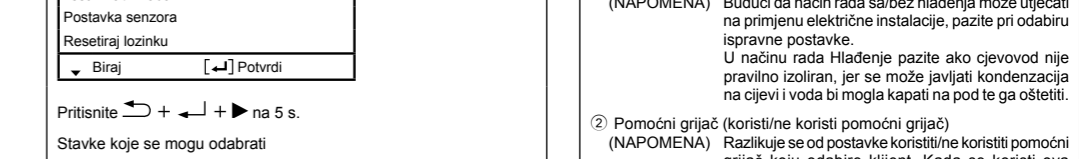
19. Prekidni Had-Grđ



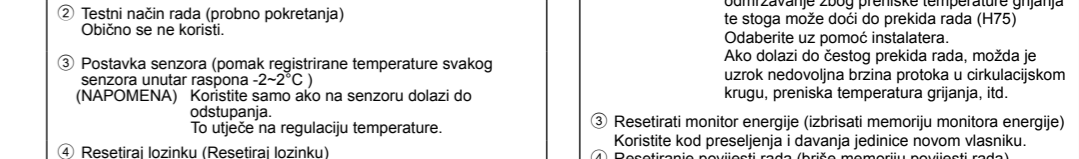
20. Forsiranje grijanje



21. For. odmrz.



22. Signal odmrzavanja



23. Protokol pumpe

