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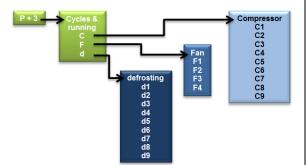


MPC 46 and the menus.

The menus are divided up in two main menus.

A menu for presentations of values in the display and settings for alarms parameters, and another menu for technical, practical or physical settings to a normal refrigerator or freezer.

In each main menu there exist smaller submenus. These submenus are divided up in specific menu for kind of cycles as defrosting or the settings for running the evaporator fan.





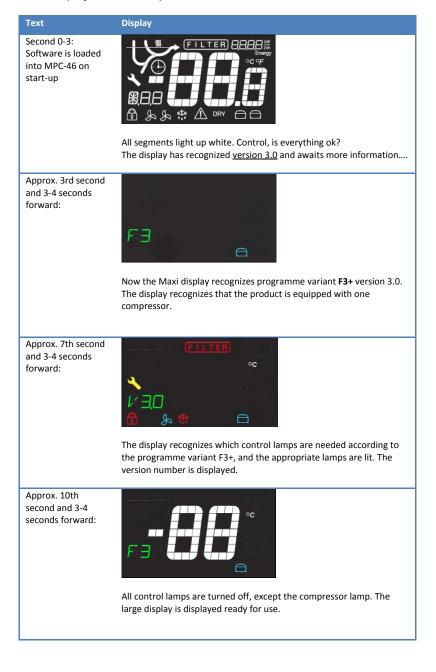
When servicing the product.

Make sure the appliance is switched off at the socket before service is performed on electrical parts. It is not sufficient to switch off the cabinet by the START/STOP key as there will still be voltage to some electrical parts of the cabinet.



Start-up sequence

When the product switches ON, the software is loaded into the MPC-46. The display shows multiple informations, see below:

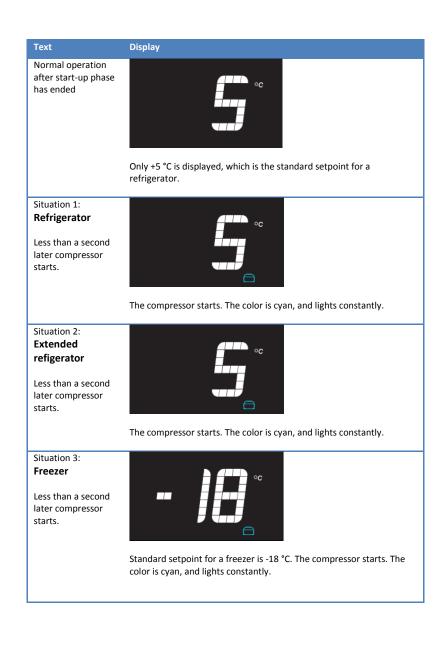




Start up after power on - hot product.

On hot products or if the product has just been unpacked and connected to mains power, the temperature is so high that the defrosting cycle is cancelled, and refigeration starts immediately.

Because the product has not been running before, the setpoint is displayed and not the current temperature.

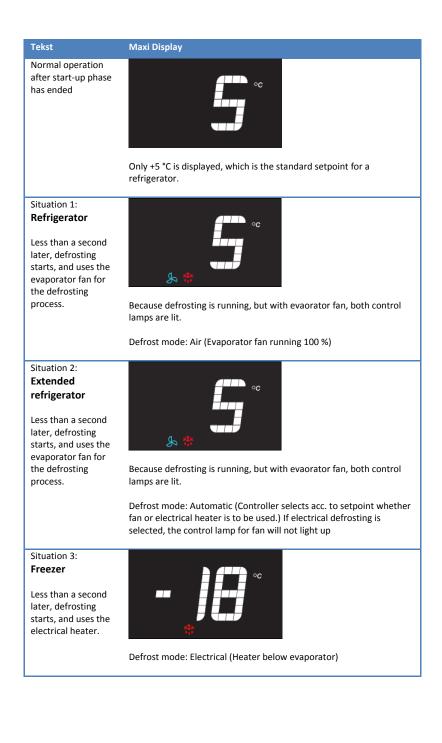




Start up after power on - cold product.

On cold products, or if the product has been turned off for a short while, and the evaporator temperature is still below the freezing point, a defrosting cycle will be activated, and refrigeration starts later.

Because the product has not been running before, the setpoint is displayed and not the current temperature.





Defrosting

The defrosting cycle runs 4 times each day. If the cabinet is operating under severe load (frequent door opening and frequent replenishment) manual defrosting can become necessary.

To start manual defrosting: Push (P) + (D) for more than 3 seconds.

Refrigerator: Control lamps for fan $\xrightarrow{}$ and defrosting $\frac{\sqrt{2}}{\sqrt{2}\sqrt{2}}$ light up.

Extended refrigerator: Control lamp for defrosting $\frac{\sqrt{6}}{\sqrt{6}\sqrt{6}}$ light up, and lamp for fan $\frac{1}{\sqrt{6}}$ light up depending on setpoint.

Freezer: Control lamp for defrosting $\frac{\sqrt{2}}{\sqrt{2}\sqrt{2}}$ light up.

Shortly after defrosting has ended, the compressor starts, and the compressor symbol 🗍 lights blue.

The number defrosts can be changed. See chapter "User menu".

Temperature control and regulation:

- Keep ^(P) pressed. When doing this, the setpoint temperature is displayed. While ^(P) is kept pressed, the setpoint can be changed by pressing ⁽⁺⁾ or ⁽⁻⁾.
- Each time ⁽⁺⁾ or ⁽⁻⁾ is pressed the temperature will change one degree. The new value flashes in the display
- When the required setpoint has been set, let go of the keys, a short beep sounds, and the settings are saved.



Keylock

The keypad can be locked by simultaneously pushing $(1)^{+}$ for more than 5 seconds.

^{II} lights to indicate that the keys are locked, and a short beep sounds. Now it is not possible to use the keys for temperature setting etc.

The same code is to be used for unlocking the keypad again.

Error codes

- **OP** The door is open. The alarm system is activated, if the door is not closed within a certain time. The user is reminded that the door is not properly closed.
- F1 Cabinet sensor error. In the meantime the cabinet itself will maintain the set temperature by the
- $\underline{\Lambda}$ memory of the controller. Service assistance is required.
- **F2** Evaporator sensor error.
- The cabinet will keep running until the error has been mended. Service assistance is required.

F3/F4 Condenser sensor error. The cabinet will keep running, until the error has been mended. Service assistance is required.

Applies only to cabinets with built-in compressor.

F7 Indicates that the condenser temperature is too high. The cause might be a clogged condenser, or too high ambient temperature.
If the condenser or air filter needs cleaning, the cabinet must be disconnected at the mains power. Cleaning of the condenser is done with a brush or a vacuum cleaner.
The air filter can be removed and cleaned in a dishwasher at max. 50°C.
If the ambient temperature is too high, the placement of the cabinet might be wrong, and an alternative place should be found. Ventilation might help.
If this does not help, request service assistance.
Applies only to cabinets with built-in compressor.

Reminder of cleaning the condenser air filter

After 600 compressor running hours the filter must be cleaned and it is indicated by warning lights: FILTER \swarrow

If the cleaning is not completed within 650 hours, the warnings continue, and an acoustic alarm sounds.

Resetting the FILTER alarm

After cleaning the air filter, the controller must be reset to remove the alarms. It can only be reset by using a certain key combination.

• Push ^(b) three times followed by pushing ^(P) three times. FILTER alarm will disappear after 1 minute.



Compressor counter time setting

The default time value for the compressor counter is 600 hours.

The value can be changed i intervals of 50 hours.

Minimum value = 200 hours Maximum value = 2000 hours

To change the value, proceed as follows:

- Keep keys (4) and (5) pressed for 3 seconds.
- The FILTER indicator flashes, and the value 600 is displayed.
- Press the ⁽⁺⁾ key, until the right value is displayed.
- Press (P) to confirm the setting.
- The FILTER indicator is turned off.

Reset to factory setting

To reset the controller to factory setting:

- Press P + 1 + 3 for at least 5 seconds.
- **RES** flashes in the display.
- Press P to confirm, **RES** lights up for 2-3 seconds, and the buzzer gives a short signal.
- The controller then returns to normal display.



User menu

Push on ^(P) and ⁽¹⁾ buttons at the same time in more than 3 sec. and the first Setup menu appears in the display.

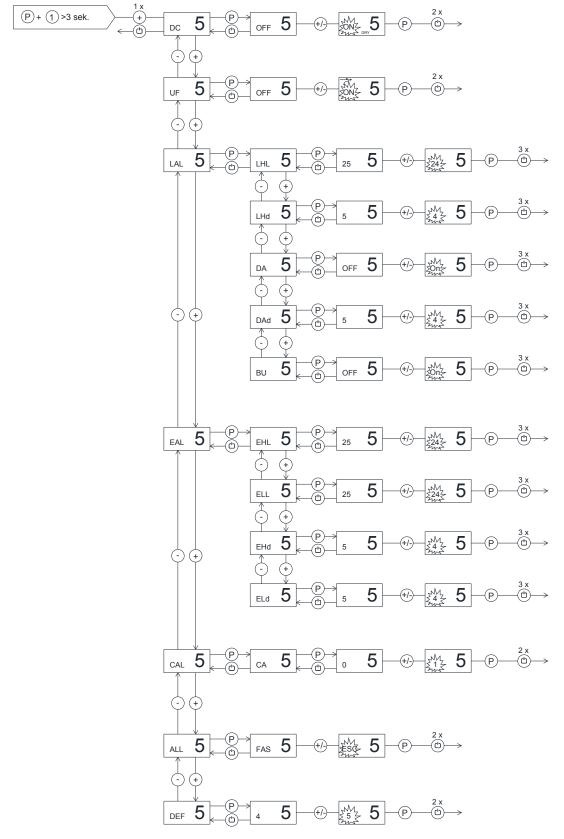
With and \bigcirc buttons its possible to look through each menu items in the "User menu". Push on P button to activate the desired item and adjust the setting with and \bigcirc buttons.

To confirm the new setting, push (P) button. Leave the menu item and user menu with the (a) button.

| Menu access P+1 → | ļ | →I | | | | | | | |
|------------------------|-----|-----|------------|---|--|--|--|--|--|
| Dry refrigeration | DC | | Activatio | on of dry refrigeration. [ON/OFF] | | | | | |
| Rapid thaw | UF | | Activation | tivation of rapid thaw. [ON/OFF] | | | | | |
| Local alarm setting | LAL | LHL | | Setting the upper alarm limit. At alarm, the display shows: [A2]. | | | | | |
| | | LLL | [° C] | Setting the lower alarm limit. At alarm, the display shows: [A3]. | | | | | |
| | | Lhd | [min.] | Time delay for the upper alarm limit. | | | | | |
| | | LLd | | Time delay for the lower alarm limit. | | | | | |
| | | DA | On/off | Activation of local door alarm. At alarm, the display shows: [A1]. [on/off] | | | | | |
| | | DAd | [min.] | Time delay for the door alarm. | | | | | |
| | | BU | | Activation of buzzer. The buzzer sounds at alarms [A1], [A2], [A3]. [1=on / 0=off] | | | | | |
| External alarm setting | EAL | EhL | | Setting the upper alarm limit At alarm, the display shows: [A4]. | | | | | |
| | | ELL | [° C] | Setting the lower alarm limit . At alarm, the display shows: [A5]. | | | | | |
| | | Ehd | [min.] | Time delay for upper alarm. | | | | | |
| | | ELd | [min.] | Time delay for lower alarm. | | | | | |
| | | DA | On/off | Activation of local door alarm. At alarm, the display shows: [A1]. [on/off] | | | | | |
| | | DAd | [min.] | Time delay for the door alarm. | | | | | |
| | | BU | On/off | Activation of buzzer. The buzzer sounds at alarms [A1], [A4], [A5]. | | | | | |
| | | | | [1=on / 0=off] | | | | | |
| | ALL | | | on of escorting alarm limits. [FAS]= fixed limits / [ESC] = limits following | | | | | |
| | | | the setp | | | | | | |
| | DEF | | Number | r of defrosts in 24 hours. | | | | | |



User menu overview:





Visual and acoustic settings

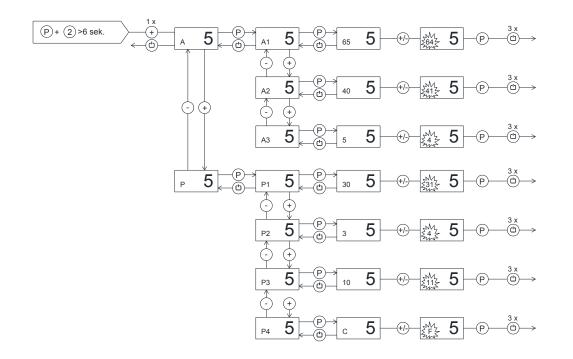
Push on (P) and (2) buttons at the same time in more than 6 sec. and the menu item [A] appears in the display.

With \bigcirc and \bigcirc buttons it's possible to look through the main menu item [**A**] and [**P**]. Push on P button to enter the submenu from the main menu items.

With \bigcirc and \bigcirc buttons it's possible to look through the submenus menu items. Push on P button to enter the desired menu item and adjust the setting with \bigcirc and \bigcirc buttons.

To confirm the new setting, push P button. Leave the menu item and submenu with the button.

| Menu access P+2 | Ţ | →I | | |
|-----------------|---|----|--------|--|
| →I | | | | |
| Alarm setup | А | A1 | [° C] | In case of condenser overheat, compressor protection cycle is started. |
| | | A2 | [° C] | Condenser temperature, which disconnects the compressor protection |
| | | | | cycle. |
| | | A3 | [min]. | Re-enter time for acoustic alarm (min.) |
| Display | Ρ | P1 | [min.] | Temperature freeze after defrosting end. |
| presentation | | | | |
| | | P2 | [° K] | Temperature freeze around setpoint. Temperature fluctuation filter. |
| | | P3 | [sec.] | Display updating frequency. |
| | | P4 | | Selection of Celsius or Fahrenheit temperature scale. |





Settings for running cycle

Push on \bigcirc and \bigcirc buttons at the same time in more than 6 sec. and the menu item [**C**] appears in the display.

With and \bigcirc buttons it's possible to look through the main menu item [**C**], [**F**] and [**d**]. Push on P button to enter the submenu from the main menu items.

With $\textcircled{\bullet}$ and \bigcirc buttons it's possible to look through the submenus menu items. Push on P button to enter the desired menu item and adjust the setting with $\textcircled{\bullet}$ and \bigcirc buttons.

To confirm the new setting, push (P) button. Leave the submenu and main menu item with the (a) button.

| Menu access P+3 →I | Ţ | →I | | |
|-----------------------|---|----|--------|--|
| Compressor setup | С | C1 | [° K] | Differential for compressor cut-in and cut-out. |
| | | C2 | [° C] | Highest allowed temperature limit for the cabinet. |
| | | C3 | [° C] | Lowest allowed temperature limit for the cabinet. |
| | | C4 | [min] | Forced pause time for compressor between cut-out and cut-in. |
| | | C5 | | Number of condenser sensors connected. |
| | | C6 | [min] | Compressor stop by open door. |
| | | C7 | [° K] | Soft differential for cool/heat cut-out (kelvin) |
| | | C8 | [° C] | Setpoint for condenser fan |
| | | C9 | [° K] | Cut-out differential for condenser fan (kelvin) |
| Evaporator fan | F | F1 | [° C] | Temperature allowing the evaporator fan to start after defrosting. |
| | | F2 | [min.] | Pause time of evaporator fan, while the compressor is stopped. |
| | | F3 | [sek.] | Running time of evaporator fan, while the compressor is stopped. |
| | | F4 | [° K] | Stop temp. of LT compressor i cascade evaporator (celcius) |
| Display presentation | D | D1 | | Number of defrosts / 24h |
| | | D2 | [° C] | Defrost stop temperature measured at the evaporator. |
| | | D3 | | Activation of defrost by start-up sequence [1=on / 0=off]. |
| | | D4 | [min.] | Maximum defrosting time. |
| | | D5 | | Selection between automatic- [1], air- [2] or electric defrosting [3]. |
| | | D6 | [min.] | Dripping time after defrosting |
| | | D7 | [° C] | Temperature limit deciding the defrosting method, when d5 = [1] |
| | | D8 | [° C] | Evaporator temperature starting an extra defrosting cycle. |





Test program for relays and electrical components

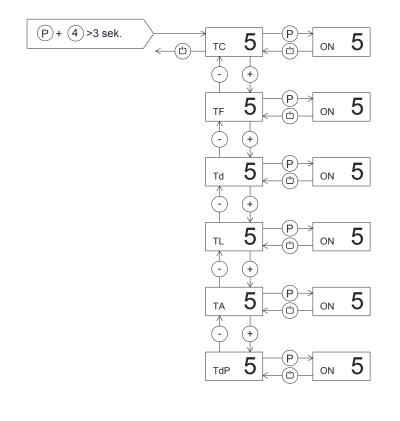
Push on (P) and (4) buttons at the same time for more than 6 sec. and the menu item [**tC**] appears in the display.

Note: When this test program is started, all outputs are de-activated, which means the cabinet is turned off. It might be experienced that the compressor does not start again after leaving the program, because the compressor protection "forced pause" takes effect.

With \bigcirc and \bigcirc buttons its possible to look through each menu items in the "Service program". Push on \bigcirc button to activate the desired relay and the display glows with [**on**]. The desired relay conducts now power to the electrical component.

Push the ^(b) button to switch off the power from the electrical component. Leave the service program with the ^(b) button.

| Menu access P+4 | J | P-key →ı [on] |
|-----------------|-----|---|
| →I | | |
| Compressor | ТС | Comressor is running, and if a condenser fan is present, it runs too. |
| Evaporator fan | TF | Evaporator fan is running |
| Defrost heater | Td | Defrost heater is turned on. Warning: the heater might be very hot. Danger of |
| | | burn! |
| Light | TI | Light is switched on. |
| Alarm output | TA | Activation of voltage free contact. Alarm output. |
| Display test | TdP | All LED's light up for 1 sec. and the buzzer sounds. Then the software revision |
| | | number is displayed. |



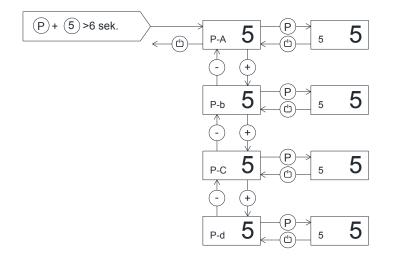


Display of current sensor inputs

Push on $^{(P)}$ and $^{(5)}$ buttons at the same time in more than 6 sec. and the menu item [**P-A**] appears in the display.

With O and \bigcirc buttons its possible to look through each menu items to check each sensor in the cabinet. Push on P button to activate the actual sensor and the display shows the actual temperature. Leave the program with the O button.

| Menu access P+5 → | ļ | P-key → [° C] | Disp caus | lay message and se | | |
|---|-----|---|-----------------------------|-----------------------------|--|--|
| Room sensor | P-A | Room sensor measurement is displayed | F1 | Room sensor error | | |
| Evaporator sensor | P-b | Evaporator sensor measurement is displayed | F2 | Evap.sensor error | | |
| Condenser sensor 1 | P-C | Condenser sensor 1 measurement is displayed | F3 | Condenser sensor 1 error | | |
| Condenser sensor 2 | P-d | Condenser sensor 1 measurement is displayed | Condenser sensor 2 error | | | |
| * | | | | | | |
| An overheated condenser could be caused by a clogged air filter. Can be triggered by both C and d sensor. F7 Overheated condenser 1 and 2 | | | | | | |
| By open door this symbol is displayed. In event of a too long door opening, an alarm is triggered [A1]. | | | | | | |



Reset the controller to factory setting

To reset the controller to factory settings:

Push (P + (1 + (3))) for more than 6 seconds. The display shows [**RES**]. Push (P), and a beep sounds for confirmation".



Parameter settings in commercial program variants

| Ny programvariant | | | 000 | 300 | 002 | 100 | 102 | 104 | 302 | 200 | 202 | 205 | 206 | 350 | 203 | 304 |
|--|------|--|---|--|--|---|---|---|--|---|---|---|---|--|--|--------------------------------------|
| Det gamle navn | | | K1+ | B1+ | K7+ | M1+ | M3+ | Ny (M1+ | B2+ | F1+ | F2+ | Ny (F4- | Ny (F1• |] P1• | F4+ | B3+ |
| Systemvars Versions nummer | | | 100.00 | 100.00 | 100.00 | | 100.00 | 100.00 | 100.00 Cou M0 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | | |
| | | | FS KUI 5 | Lou KU 5 | | FS MUI 5 | | FS MUS 5 | | FS F01 -18 | FS FU3 -18 | | 5 FS F07 | | | |
| Sotpunkt(colriur) Tomporaturamrádo(colriur) | | | +12/+2 | +127+2 | +12/+2 | +127-5 | +127-5 | +127-5 | +127-5 | -57-25 | -57-25 | +107-25 | -57-25 | +107-30 | +107-25 | -57-25 |
| Menu indgang: P+1 | 1 | | | | | | 1.0 | 0 | | 01 20 | 01 20 | 101 20 | | | . 101 20 | 01 20 |
| Terkelon-H0/off-HI |] dC | | | | | - | н | HI | | | | HI | | н | HI | |
| Optening on foff | UF | | - | - | | - | oFF | oFF | | | | oFF | • | oFF | oFF | |
| Local Alarm Limits | LAI | | | | | | | 0 | | | | 0 | | | | |
| Øvre lakale alarm grænze (celziuz) | | LHL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 5 25 | 5 25 | 25 | 2 |
| Nodro lakalo alarm grænro (colriur) | | LLL | - | - | • | - | • | • | • | | • | • | • | • | • | - |
| Tidrforrinkelre for svre lokale alarm (min.) | | LHd | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 6 |
| Tidrforrinkelre for nedre lokale alarm (min.) | | LLd | - | - | - | · . | • | - | • | • | - | - | - | - | - | - |
| Der alarm on-1foff-0 | - | dA | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 1 | 1 | |
| Tidrforsinkolso for åbon der (min.) | - | dAd | 5 | 5 | | 5 | 5 | 5 | | 5 | 5 | | | | 5 | |
| Buzzer for lokal alarm on-1/off-0 | EA | ЬU | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 1 | 1 1 | 1 | |
| External Alarm Limits | EA | I EHL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 5 25 | 5 25 | 25 | 2 |
| Øvre eksterne alarm grænse (celsius) Nedre eksterne alarm grænse (celsius) | - | ELL | -35 | -35 | | | -35 | -35 | | -35 | -35 | | | | | |
| | - | EHd | 60 | -30 | | | | -30 | | -55 | -55 | | | | | |
| Tidsforsinkelse for notee ekstern alarm (min.) Tidsforsinkelse for nedre ekstern alarm (min.) | - | ELd | 60 | 60 | | | | 60 | | 60 | 60 | | | | | |
| Der alarm on-1/off-0 | - | dA | | | | | | | | | | | | | | |
| Der alarm on-trarr-v Tidefarsinkelse for äben der (min.) | | dAd | | - | | - | | | | | | | | | | |
| Harrarsinkouro rar abon awr (min.) Buzzor far lakal alarm an-1faff-0 | | ЬÜ | | | | - | | | | | | | | | | |
| Calibration of sensor | cAl | 1 | | | | | | | | | | | | | | |
| Offrotjurtoring på følor A (kolvin) | | CA. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | <u> </u> | <u> </u> | 0 | |
| Offrot jurtoring på følor E (kolvin) | | CE | | | | | | | • | | | • | • | 0 | • | · . |
| Offratjurtaring på følar F (kalvin) | | CF | • | - | - | - | - | - | - | - | - | - | - | • | • | - |
| Frost Protection | FP | 1 | | | | | | | | | | | | | | |
| Aktivoring of frontzikring. On-1/Off-0 | | Act | - | | - | - | | | | • | | | | | | |
| Tort of frontsikring | | tES | • | - | | - | • | • | • | • | • | • | • | • | • | • |
| Indetilling af sotpunkt for froetsikring (colsius) | | SEt | • | - | - | - | - | • | • | - | • | • | • | • | - | - |
| Aktuol virning af feloronr tomporatur (colriur) | | PrE | | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Farto-ollororkartorondo alarmaranror (FAS-ESC) | ALI | | FAS | FAS | FAS | FAS | FAS | FAS | FAS | FAS | FAS | FAS | FAS | FAS | FAS | FAS |
| Skånrom nødkøling (roft-chill) | SC | | - | - | - | - | • | • | - | • | • | - | • | -8 | • | - |
| Hàrd nodkeling (hard-chill) | HC | | - | • | • | - | • | • | • | • | • | • | • | 3.00 | • | • |
| Tidsztyrot nodkaling (timod-chill) | PC | | • | • | - | · . | • | • | • | · . | • | • | • | -18 | | • |
| Antal afrimninger pr. dag | dEF | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 9 | 4 | 4 | 4 | |
| Valqtfmlor virti dirplay | aP: | 5 | | - | • | - | • | • | • | | • | • | • | • | • | • |
| Muliqo valq af føloro til virning i dirplay | | | | • | • | | | • | • | | • | • | • | • | • | • |
| Alarm & præsentation | 1 | | | | | | | | | | | | | | | |
| Alarm indstillinger | A | 1 | | | | | | | | | | | | | | |
| Kondenrator overvågning alarm tænd (celriur) | | A1 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | | | 65 | |
| Kondenrator overvägning alarmsluk (celriur) | _ | A2 | 40 | 40 | | | | | | 40 | 40 | | | | | |
| Genindtrædelrer tiden før akurtirk alarm (min.) | _ | A3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | | 5 | i |
| Alarm hirtorik on-Woff-0 | | | · · | | | | | | | | | 5 | 5 5 | 5 5 | | |
| | | A4 | | - | • | - | • | • | • | • | • | - | - 5 | - | - | • |
| Valg af føler til alarmrystemet | | A4 A5 | | - | • | • | • | • | • | - | • | - - |) 5 - - | , 5 - - | • | • |
| Muligo valg of fuloro til alarmzystom | | | | - - - | - - - | - - - | - - - | | | - - - | • | - - - | - - - |) 5 - - | • | • |
| Muligevalgaffuloretilalarmzyztem Præsentation af temperatur | Р | A5 1 | • | - - - | - | - | - - - | • | - | - - - | • | - - - | • | • | - | • • |
| Mulige valg af falors til alarm system Præsentation af temperatur Frysning af temperatur virning ofter afrimning | P | A5 P1 | - - - 30 | - - - 30 | | - - - - - - - - - - - - - - - - - - - | | 30 | | - - - 30 | - - - 30 | - - - 30 | - - -) 30 | - - -) 30 | | |
| Muliqovalgaf faloro til alarm <i>s</i> ystom Præsentation af temperatur Fryzning af temperatur vining ofter afrimning Fryzning af temperatur vining under narmal drift | P | A5 1 P1 P2 | - - - 30 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | - - - 30 3 | - - - 30 | - - - 30 | - - -) <u>30</u> | 3 | |
| Muliqo valg af faloro til alarmzyztem Præssentation af temperatur Fryzning af temperatur vining efter afrimning Fryzning af temperatur vining uder nærnal drift Opdatering frekvenr i dirplayet (rek.) | P | A5 P1 P2 P3 | 30 3 10 | 3 10 | 3 | 3 10 | 3 10 | 3 | 3 10 | 3 10 | - - - 30 3 10 | - - - 30 10 | - - - 30 30 30 10 | - - - 30 30 30 10 | 3 | 1 |
| Muliae valg af felere til alarmeryztem Præssentation af temperatur Fryzning af temperatur vinning efter af rinning Fryzning af temperatur vinning under narmal drift Opdeteringerfacturen i diplayer (refue) Temperatur angiveze i Gelsiur oller Fahrenheit | | A5 1 P1 P2 | 30 3 10 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | - - - 30 3 | - - - 30 | - - - 30 | - - -) <u>30</u> | 3 | - |
| Huligo valg of felore til alarmzyztem Præsentation af temperatur Fryzning af temporatur vinne dere afrinning Fryzning af temporatur vinning under narmal drift Opdatering frekvenzi i dirplayet (zek.) Temporatur angivelse i Ockiru oller Fahrenheit System opsætning | 1 | A5 P1 P2 P3 | 30 3 10 | 3 10 | 3 | 3 10 | 3 10 | 3 | 3 10 | 3 10 | - - - 30 3 10 | - - - 30 10 | - - - 30 30 30 10 | - - - 30 30 30 10 | 3 | 1 |
| Hulige valg of felore til alormzyztem Præsentation af temperatur Fryzning of temperatur vinning förer afrimning Fryzning af temperatur vinning under narmal drift Opdateringsfrekvens i displayet (sek.) Temperatur angiveke i Golfwar Oller Fahrenheit System opsætning Kompressor indstillinger | | A5 P1 P2 P3 P4 | - - - 30 3 10 C | 3 10 C | 3 10 C | 3 10 C | 3 10 | 3 10 C | 3 10 | 3 10 | - - - 30 3 10 C | - - - 30 10 | - - 30 30 10 C | - - - 30 30 10 C | 3 10 C | |
| Mulique valg af falore stil alarmaryztom Præssentation af temperatur Præssentation af temperatur Pryznig at temperatur vinnig valer afrinning Pryznig at temperatur vinnig valer afrinning Odatoringsfrakvansi displayst (rak.) Temperatur regivelse i Ockrive oller Falorenheit System opsætning Kompressor indstillinger Differentiale for kompreszertart garteg (kelvin) | 1 | A5 P1 P2 P3 P4 | - - - 30 3 10 C | 3 10 C 5 | 3 10 C 5 | 3 10 C 5 | 3 10 C 5 | 3 10 C 5 | 3 10 C 5 | 3 10 C 5 | - - - 30 3 10 C | - - - 30 - 10 C | - - 30 30 10 C | - - 30 30 10 C | 3 10 C 5 | |
| Huligo valg of felore til alarmeyztem Præsentation af Kemperatur Fryzning af menostru vinning verker afrinning Fryzning af temporatur vizning under narmal drift Opdatering frekvora i dirplayet (rok.) Temporatur angivelse i Osbriu aller Fahrenheit System opsætning Kompressor indstillingere Differentiale far komprezerzetart agrap (kelvin) Mate tillade in indtillelige retynek (celvin) | 1 | A5 P1 P2 P3 P4 C1 C2 | - - - 30 3 10 C - 5 12 | 3 10 C 5 12 | 3 10 C 5 12 | 3 10 C 5 12 | 3 10 C 5 12 | 3 10 C 5 12 | 3 10 C 5 12 | 3 10 C 5 -5 | - - - 30 3 10 C - 5 -5 | - - 30 3 10 C | - - 30 30 10 C | - - 30 30 10 C | 3 10 C 5 10 | C |
| Nuliae valg af felere til alarmryztem Præssentation af Fernberatur Præssentation af Fernberatur Pryznig af temperatur vinnig vafer af rinning Fryznig af temperatur vinnig vafer af rinning Opdeteringritzen vinnig vafer felere for all offel Opdeteringritzen vinnig vafer felere for all offel Sastem opsætning Kompresson indstyllinger Differentials for kampreszerztert agrups (kelvin) Male tille ate indtrilleligerste punkt (celvin) Male tille for indtrilleligerste punkt (celvin) | 1 | A5 P1 P2 P3 P4 C1 C2 C3 | - - - 30 3 10 C - - - - - - - - - - - - - - - - - - | 3 10 C 5 12 2 | 3 10 C 5 12 2 | 3 10 C 5 12 -5 | 3 10 C 5 12 -5 | 3 10 C 5 12 -5 | 3 10 C 5 12 -5 | 3 10 C 5 -5 -5 -25 | - - - 30 3 10 C - 5 -5 -5 -25 | - - 30 3 10 C - 5 10 -25 | - - - 30 30 10 C 5 5 5 10 10 5 5 10 10 5 5 10 10 5 5 | - - - 30 - 30 - 10 C - - - - - - - - - - - - - - - - - - | 3 10 C 5 10 -25 | 1 C -2 |
| Huliquoudq affaloro til alarmerytom Præssentation af Kemperatur Præsentation af Kemperatur Pryznia qf temperatur vinnia vefer afrinning Fryznia qf temperatur vinnia vefer afrinning Fryznia qf temperatur vinnia vefer afrinning Pryznia qf temperatur vinnia vefer afrinning Pryznia qf temperatur vinnia vefer afrinnia Sąstem opsætning Kompressor indskillinger Differential efer kumperazeratur taqtap (kolvin) Make tilledte indstilliger esty unkt (celriur) Minimum illedte indstilliger esty unkt (celriur) Minimum illedte indstilliger esty unkt (celriur) | 1 | A5 P1 P2 P3 P4 C1 C2 C3 C4 | - - - 30 3 10 C - 5 12 | 3 10 C 5 12 | 3 10 C 5 12 2 | 3 10 C 5 12 | 3 10 C 5 12 -5 | 3 10 C 5 12 -5 2 | 3 10 C 5 12 -5 5 5 | 3 10 C 5 -5 | - - - 3 10 C - 5 -5 -5 -25 5 5 | - - - 30 - 3 10 - - - - - - - - - - - - - - - - - - | - - - 3 30 0 100 C 5 55 0 100 5 -25 2 2 | - - - 30 - 30 - 10 C - - - - - - - - - - - - - - - - - - | 3 10 C 5 10 -25 5 | 1 C -2 |
| Holia valg af felre vil darmryztem Przesontation af Femberatur Przesontation af Femberatur Przesing af wangester vinnig efter afrimning Przynig af wangester vinnig under namel drift Opdeteringritzekowari displayse tokul; Temperatur angiveke i čeleiur eller Fahrenheit Stystem opsætning Kompressor indstillinger Differentiale for kamprozerstart e gatu (kelvin) Hale tilledie indrillelige sety unkt (celriuz) Trungen kamprozers et id (min.) Antal felre till kanderatur avervisanig | 1 | A5 P1 P2 P3 P4 C1 C2 C3 C4 C5 | - - - 30 3 10 C - - - - - - - - - - - - - - - - - - | 3 10 C 5 12 2 5 1 1 | 3 10 C 5 12 2 5 12 | 3 10 C 5 12 -5 | 3 10 C 5 12 -5 | 3 10 C 5 12 -5 | 3 10 C 5 12 -5 5 5 | 3 10 C 5 -5 -5 -25 | - - - 30 3 10 C - 5 -5 -5 -25 -25 2 2 | - - - 30 10 C | - - - 3 33 0 100 C - - 5 - 25 2 2 1 1 | - - - 30 - 30 - 10 C - - - - - - - - - - - - - - - - - - | 3 10 C 5 10 -25 5 1 | 1 C |
| Huliquoudg af faloro til alarmayytom Præssentation af temperatur Fryzning at temperatur vinning vafor afrinning Fryzning at temperatur vinning vafor afrinning fryzning at temperatur vinning vafor afrindit Odatoring frakvanci (Belgi yay (rak.)) Temperatur engivetra i Oskiw eller Fahranheit System opsætning Kompressor indstillinger Differontiale for kamperazuratura tartup (kelvin) Make tilledre indstillinger poundt (celviw) Tvungen kamperazur pouro tid (min.) Antal faloro tilt kandeoratur vorvigaing Tod area nitis inder for kamperazuren ortugene (min.) | 1 | A5 P1 P2 P3 P4 C1 C2 C3 C4 C5 C6 | - - - 30 3 10 C - - - - - - - - - - - - - - - - - - | 3 10 C 5 12 2 | 3 10 C 5 12 2 5 12 | 3 10 C 5 12 -5 | 3 10 C 5 12 -5 | 3 10 C 5 12 -5 2 | 3 10 C 5 12 -5 5 5 | 3 10 C 5 -5 -5 -25 | - - - 3 10 C - 5 -5 -5 -25 5 5 | - - - 30 10 C | - - - 3 33 0 100 C - - 5 - 25 2 2 1 1 | - - - 30 - 30 - 10 C - - - - - - - - - - - - - - - - - - | 3 10 C 5 10 -25 5 | 1 C -2 |
| Nullis oulg af false til damrzytem Przesontation af Cemperatur Przesina af tworostw vinnia efter afrinning Frznin af tworostwor idnipas vic toki.) Opdeteringrize tokina i dispas vic toki.) Temperatur engivelse i Oelviw eller Fahrenheit Sestem opsætning Kompressor indistillingeret Differentiale far kompresserstet a exter (kelvin) Make tillete in ettillingeret peurok (cekriw) Townen kompresser peuro tid (min.) Andaf false tillen far entillingeret overvinning Tid direntition far sombre overvinning Andaf false tillen far entilme overvinning Andaf false tillen far entillen overvinning Andaf false tillen far entillen overvinning Andaf false tillen far entilten overvinning And false far entilten overvinning | 1 | A5 P1 P2 P3 P4 C1 C2 C3 C4 C5 C6 C7 | - - - 30 3 10 C - - - - - - - - - - - - - - - - - - | 3 10 C 5 12 2 5 1 1 1 | 3 10 C 5 12 2 5 1 1 1 1 | 3 10 C 5 12 -5 | 3 10 C 5 12 -5 | 3 10 C 5 12 -5 2 1 1 - | 3 10 C 5 12 -5 5 1 1 1 | 3 10 C 5 -5 -5 -25 | - - - 30 3 10 C - 5 -5 -5 -25 -25 2 2 | - - - 30 10 C | - - 3 3 3 0 10 C 5 5 5 5 5 5 10 5 -25 2 2 1 1 1 | - - - 30 - 30 - 10 C - - - - - - - - - - - - - - - - - - | 3 10 C 5 10 -25 5 1 | -1 C -2 |
| Huliao valg af faloro til alarmerytom Præssontation af temperatur Frysning at vangestav inning after afrinning Frysning at vangestav inning after afterinning Oddetningströmer stav inning after faloronholt Oddetningströmer for atternet (sole) Temperatur angivelse i Gelsius eller Fahrenholt System opsætning Kompressor indstullinger Unferentiale for kangesetsunkt (solviu) Male tillede indettilleige setsunkt (solviu) Teunsyn kampererer seure til (min) Antel følere til kanderer atter averstøgning Ted arensfrår den for kangeserererentsper (min.) Saft differentiale for kangeserererentsper (min.) Saft differentiale for samtheat extrem (kolvin) | 1 | A5 P1 P2 P3 P4 C1 C2 C3 C4 C5 C6 C7 C8 | - - - 30 3 10 C - - - - - - - - - - - - - - - - - - | 3 10 5 12 2 5 1 1 - 35 | 3 10 C 5 12 2 5 1 1 1 - | 3 10 C 5 12 -5 | 3 10 C 5 12 -5 | 3 10 C 5 12 -5 2 | 3 10 C 5 12 -5 5 5 1 1 - 35 | 3 10 C 5 -5 -5 -25 | - - - 30 3 10 C - 5 -5 -5 -25 -25 2 2 | - - - 30 10 C | - - - 3 33 0 100 C - - 5 - 25 2 2 1 1 | - - - 30 - 30 - 10 C - - - - - - - - - - - - - - - - - - | 3 10 C 5 10 -25 5 1 | - 1 - 3 |
| Maliga valg of folore til alarmerytom Præssentation af Kemperatur Fryznia get magnestaru vinnia getter afrinnina Fryznia get smagnestaru vinnia getter afrinnina Fryznia get smagnestaru vinnia getter afrinnina Pressina getter affision and der aarmal drift Opdaterin anjavales i Oslviru eller fahrenheit Sestem opsætning Kompressor indskillinger Differential effisioner start agetap (kolvin) Make tillede in drillelige ortgenkt (calvin) Antal falser till kandererature overvågning Tid aren Artis falser for kampressrerersentapper (min.) Saft differentiale for smallheat overvan (kolvin) Satt differentiale for smallheat overvan (kolvin) | 1 | A5 P1 P2 P3 P4 C1 C2 C3 C4 C5 C6 C7 | - - - 30 3 10 C - - - - - - - - - - - - - - - - - - | 3 10 C 5 12 2 5 1 1 1 | 3 10 C 5 12 2 5 1 1 1 - | 3 10 C 5 12 -5 | 3 10 C 5 12 -5 | 3 10 C 5 12 -5 2 1 1 - | 3 10 C 5 12 -5 5 1 1 1 | 3 10 C 5 -5 -5 -25 | - - - 30 3 10 C - 5 -5 -5 -25 -25 2 2 | - - - 30 10 C | - - 3 3 3 0 10 C 5 5 5 5 5 5 10 5 -25 2 2 1 1 1 | - - - 30 - 30 - 10 C - - - - - - - - - - - - - - - - - - | 3 10 C 5 10 -25 5 1 | 1 C |
| Holiap valg af felore til dörmergetom Præssent attion af Femperatur Præssent af temperatur Fryzning af temperatur vinning vefor af af mining Fryzning af temperatur vinning vefor af affinisment Opdeteringerfrestown i diplayer (ref.) Temperatur angiveks i Goldvir oller Fahrenheit System opsætning Kompresson indstyllinger Differentials for kompressent tagetap (kolvin) Make tillede in dettillelige set punkt (cakiru) Minimum tillede in dettillelige set punkt (cakiru) Makef felore tillendersser merevisning Ted arenerster sken før kompresseren et urven (kolvin) Søt differentiale for andliher at orven til (kolvin) Søt differentiale for kompresserenstrupper (min.) Søt differentiale for kompresserenstrupper (kolvin) E brunkt for kompresserenstrupper (kolvin) Søt differentiale for kompresserenstrupper (kolvin) Fordamper ventilader: | 1 | A5 P1 P2 P3 P4 C1 C2 C3 C4 C5 C6 C7 C8 C9 29 | - - - 30 3 10 C - - - - - - - - - - - - - - - - - - | 3 10 C 12 2 5 1 1 35 5 5 | 3 10 C 5 12 2 5 1 1 1 - | 3 10 C 5 12 -5 | 3 10 C 5 12 -5 | 3 10 C 5 12 -5 2 1 1 - | 3 10 C 5 12 -5 5 5 1 1 - 35 | 3 10 C 5 -5 -5 -25 | - - - 30 3 10 C - 5 -5 -5 -25 -25 2 2 | - - - 30 10 C | - - 3 3 3 0 10 C 5 5 5 5 5 5 10 5 -25 2 2 1 1 1 | - - - 30 - 30 - 10 C - - - - - - - - - - - - - - - - - - | 3 10 C 5 10 -25 5 1 | 1 C -2 |
| Hulique valg af falore stil alarmerystem Prassentation af temperatur Prassentation af temperatur Prysning at superatur vinning valer af arinning Prysning at superatur vinning valer af arinning Prysning at superatur vinning valer af arinning Codescingerfreekvensi (Belgives) (Sek) Temperatur requires (Sekiver) aller falorenheit System opsætning Kompressor indstillinger Differentiale for kamperazurstvat sarstva (Kelvin) Make tilleden indstillinger Differentiale for kamperazurstvat sarstva (Kelvin) Make tilleden indstillinger pound (Sekive) Tvungen kamperazur poure tid (min.) Antaf falore still kandeendare vorvekaing Tid anenskris dien for kamperazursonstvapeer (min.) Saft differentiale for kamberazursonstvapeer (kelvin) Fordampere ventilator indstillinger Start offerd-outset offerenting ang ved tirkel. (Sekive) | 1 | A5 P1 P2 P3 P4 C1 C2 C3 C4 C5 C6 C7 C8 C9 1 F1(U | - - - - - - - - - - - - - - - | 3 10 C 5 12 2 5 1 1 35 5 | 3 10 C 5 12 2 5 1 1 - - - | 3 10 C 5 12 -5 5 5 1 1 - - - | 3 10 C 5 12 -5 5 5 1 1 - 2 - - - - - - - - - - - - - - - - | 3 10 C 5 12 -5 -2 1 1 - - - - - - - - - - - | 3 10 C 5 12 -5 5 5 1 1 1 35 5 | 3 10 C -5 -5 -5 -5 -5 - 1 1 - - - - - - - - | - - - - - 30 - 3 - 10 C - 5 - 5 - 5 - 5 5 - 25 - 5 - 2 5 - 2 - 5 - 2 - 5 - - 5 - - 5 - - 5 - - - - | - - - 3 10 C - 25 - 25 - - - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - | 3 10 C 5 10 -25 5 1 1 - - | - 1 - 2 |
| Holia valg af false til darmryzten Præssentation af Femberatur Præssentation af Femberatur Præssentation af Kemberatur Pryzing af temperatur vinnig under narmal drift Opdeteringerfastena fölgslaget folg.) Temperatur engivelse i Gelviur eller Fahrenheit Sestem opsætning Kompressor indstillinger Differentiale for kompresserter ta egtav (kelvin) Hals tillede in drillelige sety unkt (sekrive) Trungen kompresser vid (min.) Antal false tillelige sety unkt (sekrive) Trungen kompresser vid (min.) Antal false tillelige sety unkt (sekrive) Tid kennerkränder attroventiltar Out-pot differentiale for underheat out-two (kelvin) Sety unkt for kompresser entrentitieter (kelvin) Sety unkt for komdere attroventiltar Out-pot differentiale for underheat out-two (kelvin) Sety unkt for komdere attroventiltar Set of fard, von, ofter affinning og ved twrkal, (sekrive) Set of fard, von, et ener drimning og ved twrkal, (sekrive) | 1 | A5 P1 P2 P3 P4 C1 C2 C3 C4 C5 C6 C7 C7 C8 C9 F1(L F2 | - - - 30 3 10 C - - - - - - - - - - - | 3 10 C 5 12 2 5 1 1 1 35 5 1 0 | 3 10 C 5 12 2 5 1 1 - - - - - 5 | 3 10 C 5 12 -5 5 1 1 - - - - - - 5 | 3 10 C 5 12 -5 5 5 1 1 - - - - - - - - - - - - 5 5 5 10 - 5 5 5 10 - 5 5 5 5 10 - 5 5 5 5 10 - 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 3 10 C 5 12 -5 2 1 1 - - - - - - - - - - - - - - 5 5 2 10 - 5 - 5 - 2 - 5 - 2 - 5 - 2 - 5 - 5 - 5 | 3 10 C 5 12 -5 5 5 1 1 1 35 5 5 | 3 10 C -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 | - - - 30 - 3 - 10 C - 5 - 5 - 5 - 5 - 5 - 5 - 25 - 5 - 25 - 5 - | - - - 30 - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | 3 10 C 5 10 -25 5 1 1 1 - - - - 5 5 - - - 5 5 - - - 5 5 - | - 1 2 - 3 |
| Huliao valg af faloro til alarmerytom Prassontation af temperatur Prassontation af temperatur Prysning at hemperatur vinning valer af rinning Prysning at hemperatur vinning valer af rinning Prysning at hemperatur vinning valer af rinning Oddetning riter visuoni displays visuoni displays visuoni displays visuoni displays visuoni visuo visuoni visuo visuoni visuo visuo visuoni visuo visuo visuoni visuo visuo visuoni visuo visuo visuo visuoni visuo visuo visuo visuoni visuo visuo visuo visuoni visuo visu | 1 | A5 P1 P2 P3 P4 C1 C2 C3 C4 C5 C6 C7 C8 C5 C6 C7 C8 C7 C8 C7 C8 C7 C8 C7 C8 C7 C7 C7 C8 C7 C7 C7 C7 C7 C7 C7 C7 C7 C7 C7 C7 C7 | - - - - - - - - - - - - - - - | 3 10 C 5 12 2 5 1 1 35 5 | 3 10 C 5 12 2 5 1 1 - - - - - 5 | 3 10 C 5 12 -5 5 1 1 - - - - - - 5 | 3 10 C 5 12 -5 5 5 1 1 - - - - - - - - - - - - 5 5 5 10 - 5 5 5 10 - 5 5 5 5 10 - 5 5 5 5 10 - 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 3 10 C 5 12 -5 -2 1 1 - - - - - - - - - - - | 3 10 C 5 12 -5 5 5 1 1 1 35 5 5 | 3 10 C -5 -5 -5 -5 -5 - 1 1 - - - - - - - - | - - - - - 30 - 3 - 10 C - 5 - 5 - 5 - 5 5 - 25 - 5 - 2 5 - 2 - 5 - 2 - 5 - - 5 - - 5 - - 5 - - - - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | 3 10 C 5 10 -25 5 1 1 1 - - - - 5 5 - - - 5 5 - - - 5 5 - | - 1 - 2 |
| Notice valgat false still demozytem Przesontation af Femberatur Przesin at tworestur vinnia efter afrimning Przynia git semperatur vinnia efter afrimning Opdeteringerstevnen i displays ut folk.) Temperatur engivelse i Osleiue effer Arenheit Sestem opsætning Kompressor indstillinger Differentiale for kompressor start egtate (kelvin) Make tilleks in effilisier setty unkt (cabria) Minimum tilledte in drillelige rety unkt (cabria) Ford avent, argumentiale for kommengerarrety (cin.) Ford avent, karvei die die komperarrety (cin.) Ford avent, karvei die die komperarrety (cin.) Minimum tilledte komperarrety (cin.) Minimum tilledte ford - Norma di (cabria) | | A5 P1 P2 P3 P4 C1 C2 C3 C4 C5 C6 C7 C8 C7 C8 C9 1 F1(L F2 F3 F3 F4(I) | - - - 30 3 10 C - - - - - - - - - - - | 3 10 C 5 12 2 5 1 1 1 35 5 1 0 | 3 10 C 5 12 2 5 1 1 - - - - - 5 | 3 10 C 5 12 -5 5 1 1 - - - - - - 5 | 3 10 C 5 12 -5 5 5 1 1 - - - - - - - - - - - - 5 5 5 10 - 5 5 5 10 - 5 5 5 5 10 - 5 5 5 5 10 - 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 3 10 C 5 12 -5 2 1 1 - - - - - - - - - - - - - - 5 5 2 10 - 5 - 5 - 2 - 5 - 2 - 5 - 2 - 5 - 5 - 5 | 3 10 C 5 12 -5 5 5 1 1 1 35 5 5 | 3 10 C -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 | - - - 30 - 3 - 10 C - 5 - 5 - 5 - 5 - 5 - 5 - 25 - 5 - 25 - 5 - | - - - 30 - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | 3 10 C 5 10 -25 5 1 1 1 - - - - 5 5 - - - 5 5 - - - 5 5 - | - 1 2 - 3 |
| Holiae valg af felere til dermergetem Præssentation af temperatur Præssentation af temperatur Præssentation af temperatur Præssentatur sing af ter afrinning Præssing af temperatur vinnig under nærnel drift Opdetsringriftskom i diplaget (rek.) Temperatur engivelse i Gelsiur eller Fehrenheit Stystem opsætning Kompresson indstyllinger Differentiale far kompressentatur (eklvin) Mals tilletse indvilleliger och unkt (eklvin) Statt affers tillet er comfitte och undvilletur Statt affer attender atten och ildet och undvilletur Statt afferd, vent, elser affinning ag ved turkel, (eklvin) Førd, vent, bevertid ved kompresserarter (och.) Stat, beretid ved kompresserarter (och.) Stat, beretid ved kompresserarter (och.) Stat, beretid ved kompresserarter (och.) Mals villetur och och attender of termol (eklvin) Mals tilletur och | 1 | A5 P1 P2 P3 P4 C1 C2 C3 C4 C5 C6 C7 C8 C9 F1 F1 F3 F4 H1 T | - - - 30 3 10 C - - - - - - - - - - - | 3 10 C 5 12 2 5 1 1 1 35 5 1 0 | 3 10 C 5 12 2 5 1 1 - - - 5 60 - | 3 10 C 5 12 -5 5 1 1 - - - - - - 5 | 3 10 C 5 12 -5 5 5 1 1 - - - - - - - - - - - - 5 5 5 10 - 5 5 5 10 - 5 5 5 5 10 - 5 5 5 5 10 - 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 3 10 C 5 12 -5 2 1 1 - - - - - - - - - - - - - - 5 5 2 10 - 5 - 5 - 2 - 5 - 2 - 5 - 2 - 5 - 5 - 5 | 3 10 C 5 12 -5 5 5 1 1 1 35 5 5 | 3 10 C -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 | - - - 30 - 3 - 10 C - 5 - 5 - 5 - 5 - 5 - 5 - 25 - 5 - 25 - 5 - | - - - 30 - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | 3 10 C 5 10 -25 5 1 1 1 - - - - 5 5 - - - 5 5 - - - 5 5 - | |
| Hulique valg af falore stil alarmerystem Prassentation af temperatur Frysning at humperatur vinning valer af arinning Frysning at humperatur vinning valer af arinning frysning at humperatur vinning valer af arinning fordesting rates vaner i diagrapse valer falorenheit System opsætting Kompressor indstillinger Differentiale for kamperatur var var var (kelvin) Make tillede i nattille liger as types (kelvin) Tvungen kamperarer prove tid (min.) Antaf falore still kandear attar vor visging TV darens risk i den for kamperarer sorrent upper (min.) Saft differentiale for kamperarer sorrent upper (min.) Fordamper ventil attor i möd still linger Start of fred. vont. of ter of finning ag val varkel. (colvin) Ford. vont. paweiti val kamperarer top (kel.) Stapt kamp, af Li kamp, i kurkede ford Narmal (cokiw) Indstillinger for a frimming | | A5 P1 P2 P3 P4 C1 C2 C3 C4 C5 C6 C7 C8 C6 C7 C8 C9 T1 F1(L F2 F3 F1(L F1 F1 F1 F1 F1 F1 F1 F1 F1 F1 F1 F1 F1 | - - - - - - - - - - - - - - - - - - - | 3 10 C 5 12 2 5 1 1 1 35 5 4 | 3 10 5 12 2 2 5 1 1 - - - - - - - - - - - - - - - - - | 3 10 C 5 12 -5 5 5 1 1 - - - - - - - - - - - - - - | 3 10 C 5 12 -5 5 5 1 1 - - - - - - - - - - - - - - | 3 10 C 5 12 -5 2 2 1 1 - - - - - - - - - - - - - - - - | 3 10 5 12 -5 5 5 1 1 1 - 35 5 -1 0 60 - | 3 10 C -5 -5 5 5 1 1 - - 5 5 -25 5 -25 5 - 25 5 - 25 5 - 25 5 - 5 - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | 3 10 C 5 100 -25 5 5 1 1 1 - - - - - - - - - - - - - - | - - - - - - 6 - |
| Holiap odg of folgre still darmerystom Prassontation af temperatur Prassing at supporter vinning uter a forming Prysning at supporter vinning uter a forming uter and drift Opdetering refression i displays victorial. Temperatur angives i Gelsiur eller Fahrenheit Sastem opsaktning Kompressor indistillinger Differentiale for kompressor (kelsiu) Hale tillede indrillelige setup uter (kelsiu) Hale tillede indrillede entrempersonen terps er (min.) Satt iffere anderset ar worder attraventiletar Gut ute differe anderset ar worder uter (kelsin) Hale tillede indrilleder entrempersonen terps er (min.) Satt differe anderset ar worder attraventiletar Hale stilleder entrempersoner terp (min.) Hale tilleder entrempersoner terps (min.) Hale terps (kelsin) | | A5 P1 P2 P3 P4 C1 C2 C3 C4 C5 C6 C7 C8 C6 C7 C8 C4 C5 C6 C7 C8 C9 F1[L F1 F1 F1 F1 F1 F1 F1 F1 F1 F1 F1 F1 F1 | - - - 30 3 10 C - - - - - - - - - - - | 3 10 C 5 12 2 5 1 1 35 5 0 60 | 3 10 C 5 12 2 2 5 1 1 - - - 5 60 - - 4 7 7 | 3 10 C 5 12 -5 5 1 1 | 3 10 C 5 12 -5 5 5 1 1 - - - - - - - - - - - - - - | 3 10 C 5 12 -5 2 2 1 1 - - - - - - - - - - - - - - - - | 3 10 C 5 12 -55 5 1 1 - - 5 5 5 5 5 5 5 5 5 - 5 5 5 5 | 3 10 5 -55 5 5 1 1 | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | - 30 3 33 0 10 C 5 55 10 5 -25 2 2 2 1 1 1 1 - - 5 55 0 60 - - | - 30 3 3 5 3 6 5 5 10 5 30 5 10 5 30 5 10 5 10 5 10 5 10 5 10 5 10 5 10 5 1 | 3 10 5 10 -25 5 5 1 1 - - - - - - - - - - - - - - - | 2 2 - 3 6 - |
| Holiae odg of folges til dermergetom Præssentation af temperatur Præssentation Satstifferentiale for komperatur Præssentation Pr | | A5 P1 P2 P3 P4 C1 C2 C3 C4 C5 C6 C7 C7 C8 C3 C4 C5 C6 C7 C7 C8 C3 F3 F1 L F1 L F1 C2 C3 C4 C5 C6 C7 C7 C8 C3 C4 C4 C5 C3 C4 C4 C5 C6 C4 C5 C6 C4 C4 C5 C6 C4 C4 C5 C5 C6 C6 C7 C7 C6 C7 C7 C7 C7 C7 C7 C7 C7 C7 C7 C7 C7 C7 | - - - - - - - - - - - - - - - - - - - | 3 10 C 5 12 2 5 1 1 - 35 5 5 5 5 - - - 4 4 0 | 3 10 5 12 2 5 1 1 - - - - - - - - - - - - - - - - - | 3 10 C 5 12 -5 5 5 1 1 - - 5 60 - - - 4 4 0 | 3 10 C 5 12 -5 5 5 1 1 - - - - - - - - - - - - - - | 3 10 C 5 12 -5 2 1 1 - - - - - - - - - - - - - - - - - | 3 10 C 5 12 -5 5 5 1 1 - 35 5 5 5 - 1 - - - - - - - - - - - - - - | 3 10 C -5 -5 -25 -5 - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | 3 10 5 10 -25 5 1 1 1 1 - - 5 60 - - 4 4 0 | |
| Notine valg of folger still dermargetom Prassent attion af Fernberatur Prassent attion af Fernberatur Prassent attion af Fernberatur Prassent attion af Fernberatur Prassent attion af Sentberatur Prassent attion af Sentberatur Prassent attion attick attion Sector attiget attion attick attick Sector attiget att | | A5 P1 P2 P3 P4 C1 C2 C3 C4 C5 C6 C7 C8 C7 C8 C7 C8 C7 C8 C7 C8 C7 C7 C8 C7 C7 C8 C7 C7 C8 C7 C7 C8 C1 C1 C1 C2 C3 C4 C4 C5 C6 C7 C7 C7 C7 C7 C7 C7 C7 C7 C7 C7 C7 C7 | - - - - - - - - - - - - - - - - - - - | 3 10 C 5 12 2 5 5 1 1 - 35 5 5 - - - - - - - - - - - - - - - | 3 10 C 5 12 2 5 11 - - - - - - - - - - - - - - - - - | 3 10 C 5 12 -5 5 5 1 1 - - 5 60 - - - 4 4 0 | 3 10 C 5 12 -5 5 5 1 1 - - - - - - - - - - - - - - | 3 10 C 5 12 -5 2 2 1 1 - - - - - - - - - - - - - - - - | 3 10 C 5 12 -5 5 1 1 35 5 5 1 | 3 10 C -5 -5 -5 -5 -5 -5 -5 -1 - - - - - - - - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | 3 10 5 10 -25 5 1 1 - - 5 5 60 - - - - - - - - - - - - - - - - - - | - - - 3 |
| Holiae valg of folger still alarmeryztem Praessontation af temperatur Praessontation af temperatur Przynia git semperatur vinnia gites ar afrinnina Fryznia git semperatur vinnia gites ar afrinnina (potestingertskown i displayse (sole)) Temperatur angivelse i Golziur oller Fahrenheit Sastem opsætning Kompresson indestatur (sole) Mark tillelate i närtillinger Differentiale far kompreservertar agrap (kelvin) Mark tillelate i närtillinger ost punkt (celvin) Mark tillender i närtillinger ost punkt (celvin) Mark tillender vartar ververkning Teungen kompreserver seure til (min) Antal fares tillender avtar ververkning Itd darentir är kompreservernt agrape (kelvin) Sate differentiale far kompreserverntapper (min.) Sate differentiale far kompreserverntapper (min.) Sate differentiale far kompreservertapper (min.) Antal faret vitter (kelvin) Antal faret vitter (for differentianger (celvin) Antal faret vitter (foredifferentianger (celvin)) Antal faret vitter (foredif | | A5 P1 P2 P3 P4 C1 C2 C3 C4 C5 C6 C7 C8 C7 C8 C7 C8 C7 C8 C7 C8 C7 C8 C7 C8 C7 C8 C7 C1 C1 C2 C3 C4 C7 C1 C1 C2 C3 C4 C1 C1 C2 C3 C4 C1 C1 C1 C2 C3 C4 C1 C1 C2 C3 C4 C1 C1 C2 C3 C4 C1 C1 C2 C3 C4 C1 C1 C2 C3 C4 C1 C1 C2 C3 C4 C1 C1 C2 C3 C4 C1 C1 C2 C3 C4 C1 C1 C2 C3 C4 C1 C1 C2 C3 C4 C1 C1 C2 C3 C4 C1 C1 C2 C3 C4 C1 C2 C3 C4 C1 C1 C2 C3 C4 C1 C1 C2 C3 C4 C1 C1 C2 C2 C3 C4 C1 C1 C2 C3 C4 C7 C7 C1 C1 C1 C1 C2 C3 C4 C1 C2 C2 C3 C4 C7 C7 C3 C4 C7 C7 C6 C7 C7 C7 C8 C7 C7 C7 C8 C7 C7 C7 C8 C7 C7 C7 C8 C7 C7 C7 C8 C7 C7 C7 C7 C7 C8 C7 C7 C7 C7 C7 C7 C7 C7 C7 C7 C7 C7 C7 | - - - - - - - - - - - - - - - - - - - | 3 10 C 5 12 2 5 1 1 - 35 5 5 5 5 - - - 4 4 0 | 3 10 C 5 12 2 5 11 - - - - - - - - - - - - - - - - - | 3 10 C 5 12 -5 5 1 1 | 3 10 C 5 12 -5 5 1 1 - - - - - - - - - - - - - - - | 3 10 C 5 12 -5 -2 2 1 1 - - - - - - - - - - - - - - - | 3 10 C 5 12 -5 5 5 5 5 5 -1 0 60 - - - - - - - - - - - - - - - - - | 3 10 C -5 -5 -25 -5 - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | 3 10 5 10 -25 5 1 1 - - - - - - - - - - - - - - - - | - - - - - - |
| Notine valg of folger still dermargetom Prassent att lind an Prasming Arman Strammer | | A5 P1 P2 P3 P4 C1 C2 C3 C4 C5 C6 C6 C7 C8 C9 F1(L F2 F3 F1 1 d1 d2 d3 d4 d5 d6 d6 d7 | - - - - - - - - - - - - - - - - - - - | 3 10 C 5 12 2 5 5 1 1 | 3 10 C 5 12 5 5 11 1 1 - - - - - - - - - - - - - - | 3 10 5 12 -5 5 5 1 1 - - - - - - - - - - - - - - | 3 10 C 5 12 -5 5 5 5 5 1 1 - - - - - - - - - - - - | 3 10 C 5 12 -5 2 1 1 - - - - - - - - - - - - - - - - - | 3 10 C 5 12 -5 5 5 5 5 1 1 - 1 - 3 5 5 - - 1 0 60 - - - - - - - - - - - - - - - - - | 3 10 C -5 -5 -5 -5 -5 -5 -5 -1 1 - - - - - - - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | 3 10 5 10 -25 5 1 1 - - - - - - - - - - - - - - - - | 2 2 3 |
| Nolize valg af folze stil damerzytem Przessentation af temperatur Przesie af temperatur vinnig efter afrimning Przynie af temperatur vinnig efter afrimning Przynie af temperatur vinnig under narmal drift Opdeteringerzonen i displays ut folzi.) Temperatur angivalse i Oslvius eller Fahrenheit Segtem opsætning Kompressor indstillinger Differentiale for kompressor start extra (kolvin) Make tilleks in ethillinger style kolvin Make tilleks in ethillinger style kolvin Make fildeks inderstillinger erte vinnig Sate differentiale for senthese starte extra (kolvin) Make tilleks in ethillinger style kolvin Torusgen kompressor indextillinger Sate differentiale for senthese starten (kolvin) Makif efter stillinger style style (colvin) Sate utker in dense starter extra (kolvin) Sate differentiale for senthese starten (kolvin) Fordemper ventilator indextillinger Sate afferd. vont. fore affirming extra durink (colvin) Ford amper ventilator indextillinger for affirming Natel affert Style of generarise ford. Natel General Start ifferd. vont. fore affirming Natel affert Style of generarise (kolvin) Hotel affert ford, ogenerarise ford. Natel General Start ifferd. vont. ford affert ford. Natel affert Style ford. Vont. Style style of the style style style. Style style style style style style style style. Style style style style style style style style style. Style | | A5 P1 P2 P3 P4 C1 C2 C3 C4 C5 C6 C7 C8 C7 C8 C7 C8 C7 C8 C7 C8 C7 C7 C8 C7 C7 C8 C7 C7 C8 C7 C7 C8 C1 C1 C1 C2 C3 C4 C4 C5 C6 C7 C7 C7 C7 C7 C7 C7 C7 C7 C7 C7 C7 C7 | - - - - - - - - - - - - - - - - - - - | 3 10 C 5 12 5 5 1 1 1 - 35 5 5 - - - - - - - - - - - - - - - | 3 10 C 5 12 5 5 1 1 1 | 3 10 C 5 12 -5 5 5 5 1 1 - - - - - - - - - - - - - | 3 10 C 5 5 5 5 5 1 1 | 3 10 C 5 12 -5 2 1 1 1 - - - - - - - - - - - - - - - - | 3 10 C 5 12 -5 5 5 1 1 1 | 3 10 C -5 -5 -5 -5 -5 -5 -5 -1 1 - - - - - - - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | 3 10 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | - 1 - 2 - 3 - 6 - 3 |



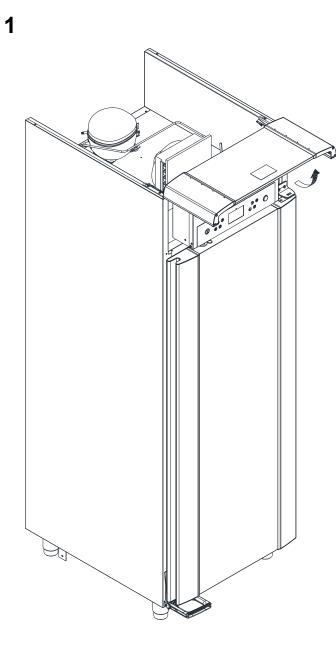
Changing door hinge side.

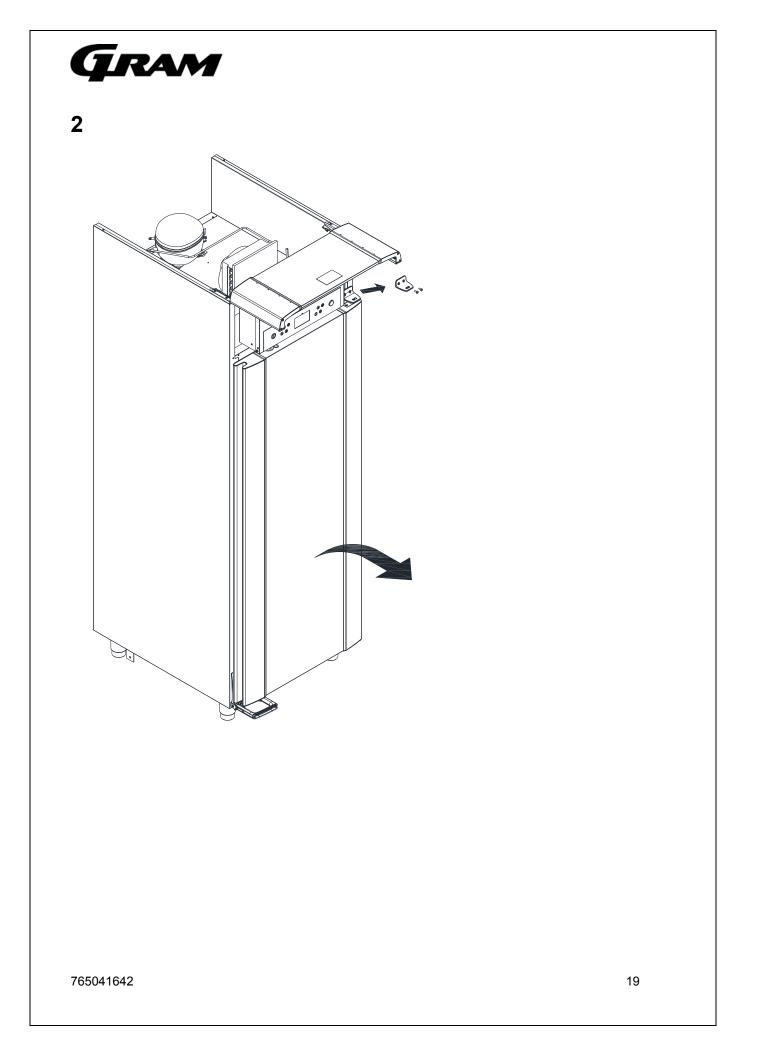
The door can be changed from left hand-hinged to right hand hinged or vice versa.

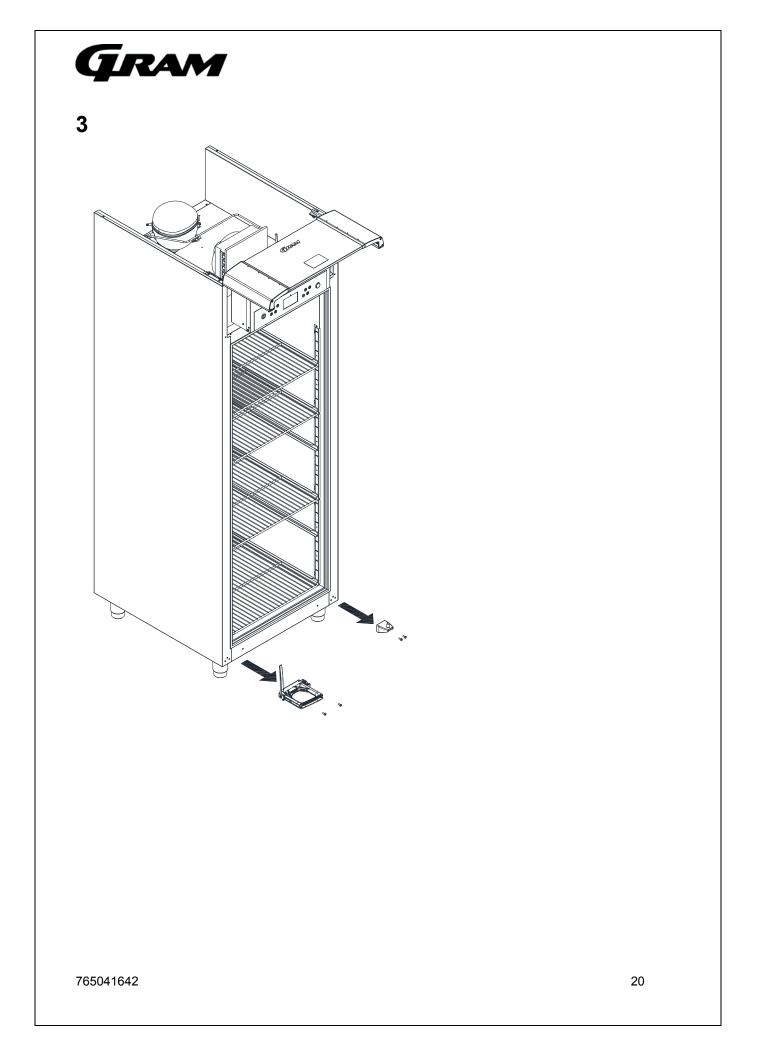
Example: Changing from right hand to left hand hinged door.

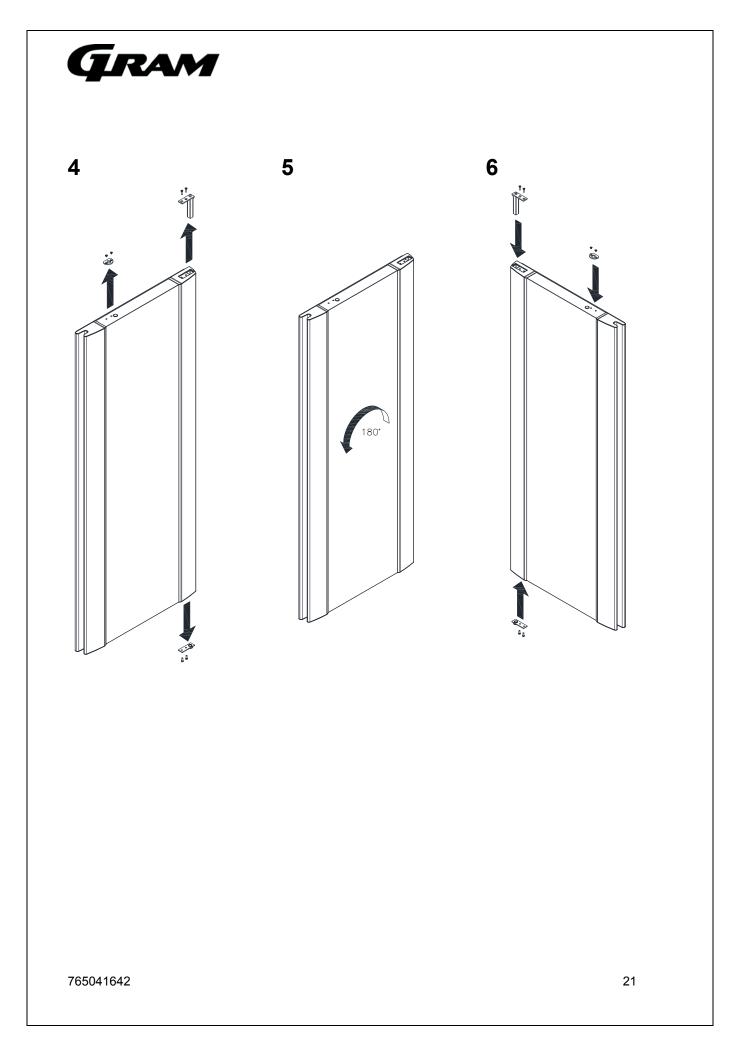


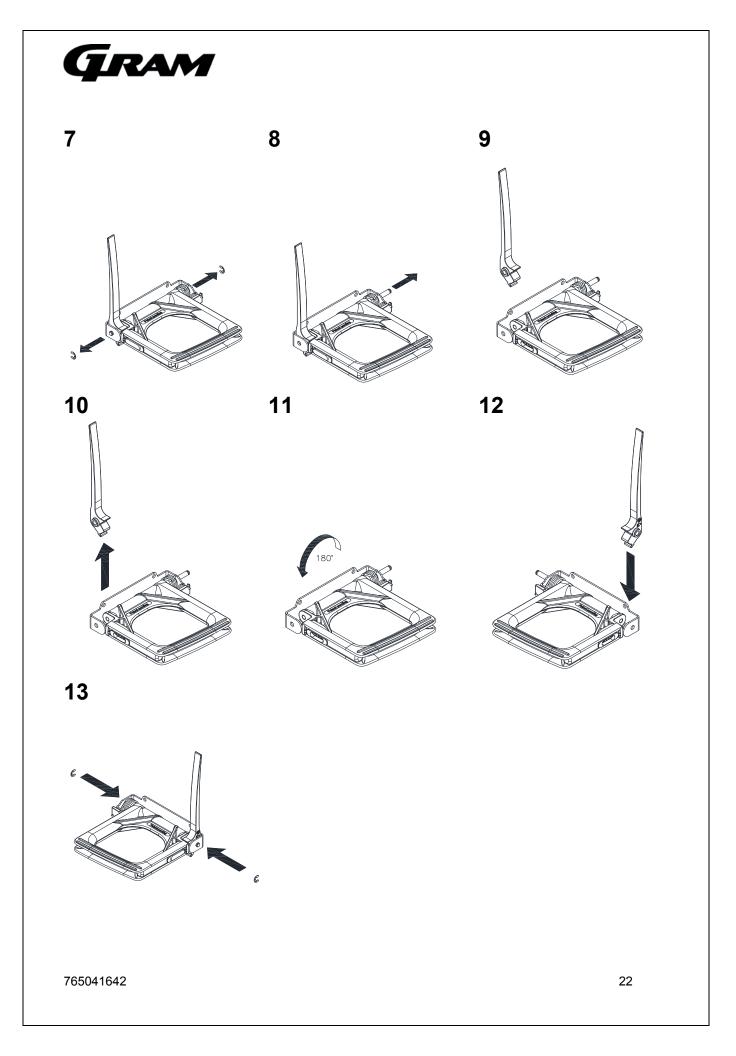
Disconnect the cabinet from mains power !

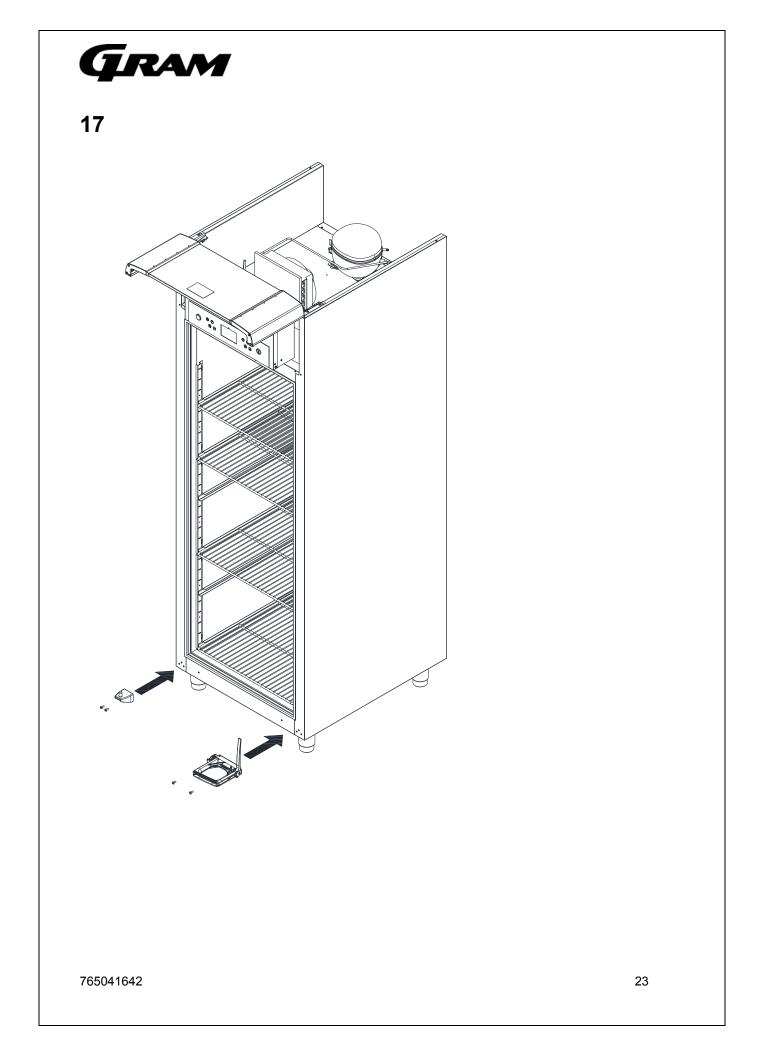


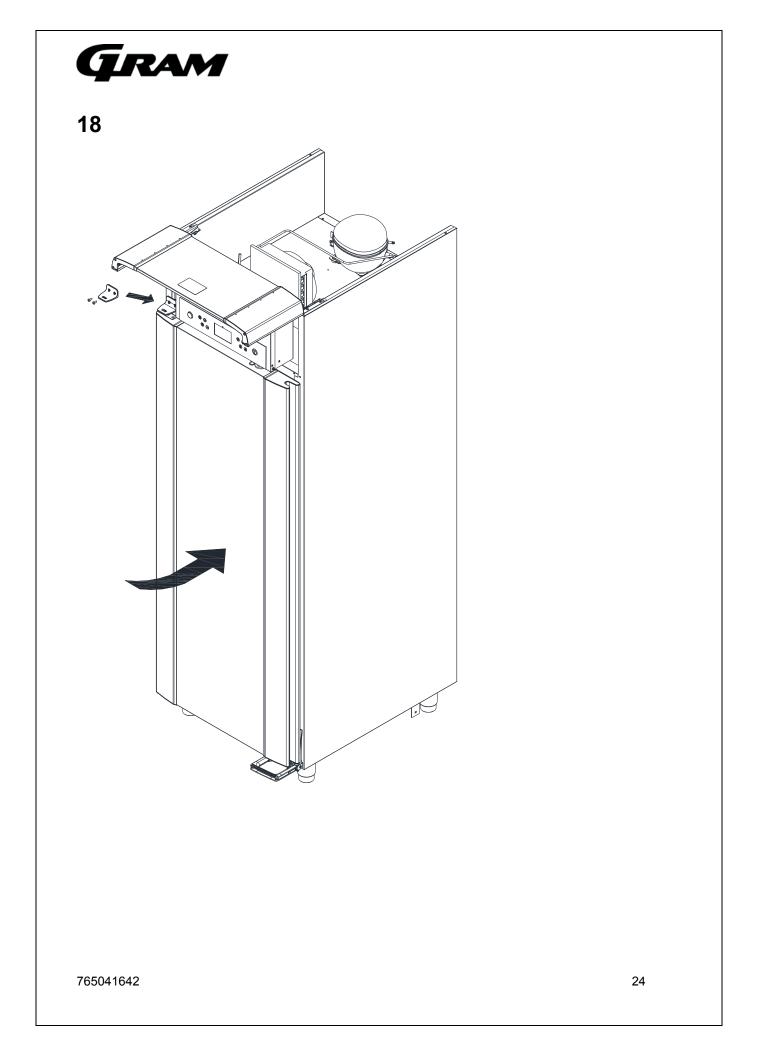




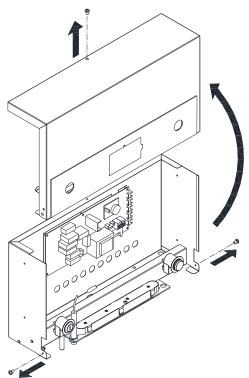


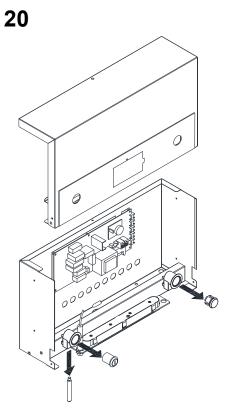


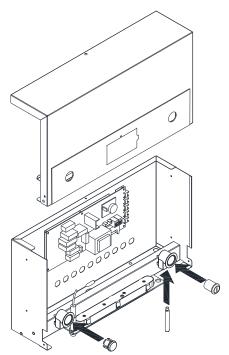


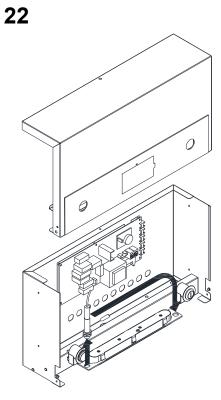


Gram

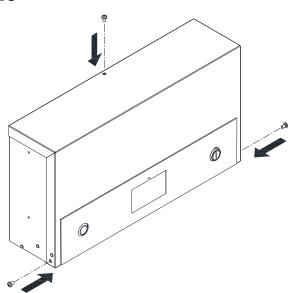


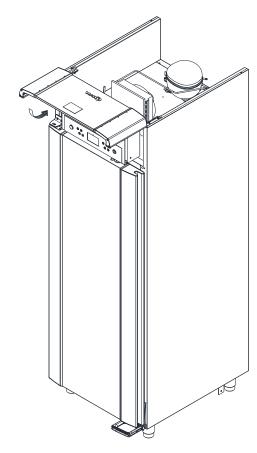






GRAM

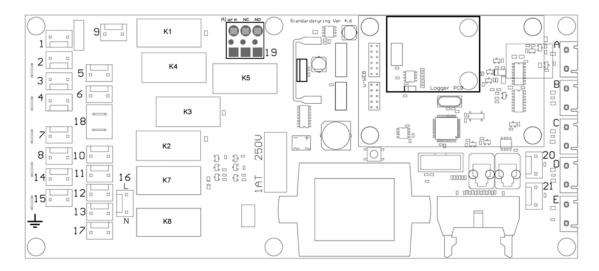






Plug connections onboard the controller

The description here below explains the plugs or terminals to each special function and relay.



| Plug | Electrical component | Description | | | | | |
|--------|---|--|--|--|--|--|--|
| 1 2 | 230 Volt relay – K1 | The relay supplies the compressor and the condenser fan with power. | | | | | |
| 3 | - | | | | | | |
| 4 | - | | | | | | |
| 5 | 230 Volt relay – K3 | The relay supplies the evaporator fan with power. | | | | | |
| 6 | | | | | | | |
| 7 | 230 Volt relay – K2 | The relay supplies the defrosting heating element and the drip | | | | | |
| 8 | _ | water heating element with power | | | | | |
| 14 | _ | | | | | | |
| 15 | | | | | | | |
| 9 | 230 Volt relay – K4 | The relay supplies the halogen light transformer with power (230V/12V). | | | | | |
| 10 | 230 Volt relay – K7 and K8 | The relay supplies the front frame heater, re-evaporating | | | | | |
| 11 | | heating element, and the condensing pump with power. Whe the cabinet is switched on, the power is constantly viable. | | | | | |
| 12 | _ | | | | | | |
| 13 | _ | | | | | | |
| 17 | | | | | | | |
| 18 | Plug connection for the safety thermostat | The plug is connected in series with the defrosting heating element. | | | | | |
| 19 | 230 Volt relay – K5 | The potential free alarm relay. The relay changes position when the cabinet switches the power on. By alarms and by power failure the relay switches back to normal position. | | | | | |
| 16 | 230 Volt input | These terminals are the power input connection with 230 V to the controller. | | | | | |
| 76504 | 1642 | 27 | | | | | |



| 20 21 | Digital input from the door contact | When these terminals are not in use, the controller lets the evaporator fans keep running. By shortcutting the terminals, the fan stops. |
|----------|-------------------------------------|--|
| А | Room sensor input | NTC sensor |
| В | Evaporator sensor input | NTC sensor |
| С | Condenser sensor input 1 | NTC sensor |
| D | Condenser sensor input 2 | NTC sensor |
| E | Sensor input for a extra sensor | NTC sensor |